



Centers and Institutes

Annual Reporting

Fiscal Year 2016



Southern Illinois University Carbondale
Southern Illinois University Edwardsville
Southern Illinois University School of Medicine



Submitted by the
Office of Academic Affairs to the
Southern Illinois University Board of Trustees
July 13, 2017



Southern Illinois University System

ONE SYSTEM | MANY LOCATIONS | STATEWIDE IMPACT

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INTRODUCTION

In keeping with University Guidelines, the following reports from centers and institutes at Southern Illinois University's three campuses for FY2016 are provided for the SIU Board of Trustees. It is the second annual report on centers and institutes that have been approved by the Illinois Board of Higher Education (IBHE) and/or established by Illinois state statute. Also included are selected centers, institutes and other units that do not require state approval. These reports will permit better administrative oversight of valuable components of the university system, as reflected in Section 2.4 Academic Affairs: Center and Institutes (<http://siusystem.edu/about/section24.shtml>).

Each center or institute completed and submitted to the campus leadership its annual report using a template developed by the Vice President for Academic Affairs, in consultation with campus and medical school administration. This template was used by all centers/institutes to ensure that reporting was consistent across the system. The annual report includes information about financial and other resources (such as total funds expended during the previous fiscal year, revenues by funding source, and total positions by type of position); intellectual contributions (such as publications, presentations, books, compositions, art exhibits, patents, theses and dissertations); public service contributions (such as community projects and patient care); students trained and graduated; evidence of the center's/institute's support for the institution's mission, priorities, and strategic themes; support for the SIU Board of Trustees' strategic plans and/or statewide priorities and needs; external reputation of the center/institute (such as cited publications, invited presentations, media coverage); and evidence that the center's/institute's product or outcomes achieve stated objectives and that results from evaluations are being used to improve the center's/institute's effectiveness. This annual reporting will clarify the center's/institute's organizational effectiveness.

Initially this report was to cover only those centers and institutes that were IBHE-approved and/or Illinois State Statute-established. Because of their importance, other center-like units were asked to report, namely, SIUC's Office of Economic and Regional Development, University Museum and SIUE's Illinois Metro East Small Business Development Center and University Museum. There are other centers, institutes, and units not included in this report that may be considered in the future. Each campus will be assessing the criteria for this report as we move forward.

James S. Allen
Acting Vice President for Academic Affairs

CENTERS AND INSTITUTES
ANNUAL REPORTING

Report For: July 1, 2015 – June 30, 2016

(IBHE Approved and/or Illinois State Statute Established Only) *

1.	Reporting Institution	<u>Southern Illinois University Carbondale</u>
2.	Center/Institute	<u>Advanced Coal and Energy Research Center</u>
3.	Date	<u>March 3, 2017</u>
4.	Director	<u>Tomasz S. Wiltowski</u>
4.1	Telephone	<u>618-536-5521</u>
4.2	E-mail	<u>tomek@siu.edu</u>
5.	Year Established	<u>1974</u>
6.	Illinois State Statute (if pertinent)	<u>N/A</u>
7.	Reporting Unit	<u>Office of Vice Chancellor for Research</u>
8.	Type	Activity (check all that apply)
	Instructional	<input checked="" type="checkbox"/>
	Research	<input checked="" type="checkbox"/>
	Public Service	<input checked="" type="checkbox"/>

* Complete this form for each center and institute established (or that is in the process of being established) through the Illinois Board of Higher Education approval process (23 Illinois Administrative Code 1050) or by specific Illinois state statute. See University Guideline 2.4 for details. This report will be completed by the center or institute after conclusion of the academic/fiscal year.

9. Overview

9.1 Description

ACERC is the hub for SIU's advanced coal and energy research, collaboration, education and facilities. Since its establishment in 1974, the center has focused on the following activities:

- 1) RESEARCH: maximizing proposal development and project implementation support to the campus faculty;
- 2) COLLABORATION: serving as a resource for the campus community and a bridge to government, industry and other academic and research institutions;
- 3) FACILITIES: maintaining specialized facilities, and
- 4) OUTREACH: facilitating the improvement of the public's understanding of advanced coal and energy as well as related environmental topics.

9.2 Mission

- Assist faculty, students and others in the campus research community in engaging in advanced coal and energy-related research and service opportunities, and
- Advocate and initiate activities that advance the university as a leader in interdisciplinary advanced coal and energy research, education and service to the ultimate benefit of society and the environment.

9.3 Objectives

- 1) Expand advanced coal and energy education and research across campus
- 2) Facilitate the development of an advanced coal and energy workforce
- 3) Increase return on investments in advanced coal and energy activities
- 4) Establish Illinois Energy Development Park as the regional advanced coal and energy technology test bed

10. Advisory Board

10.1 Advisory Board - Membership

John Mead, former CRC Director, Retired

Norm Peterson, Director, Government Relations, Argonne National Laboratory

Thomas A. Sarkus, Director, Project Financing & Technology Deployment Division,
 Office of Major Demonstrations, Strategic Center for Coal, National Energy Technology
 Laboratory, U.S. Department of Energy
 Vann Bush, Managing Director, Gas Technology Institute
 Kevin O'Brien, Director, Illinois Sustainable Technology Center

10.2 Number of Meetings (In This Year) 2

11. Annual Performance

11.1 Performance Measures *

Measure	Target for Year	Results in Year
1. Faculty grants awarded	Up to 5	3
2. Graduate Assistant positions	1-2	20
3. Scholarships awarded	Up to 5	4
4. Student grants awarded	Up to 5	2
5. Community outreach events	6	6
6. Visiting researchers	0	2
7. Publications	0	5

* Center/institute-defined measures and targets. Depending on the particular center/institute, these may include intellectual contributions (such as publications), grants, public service activities.

11.2 Major Accomplishments (In This Year)

- Worked towards new energy curriculum/department
- Launched and awarded 2 Energy Boost Scholars (co-op like student stipend)
- Supported 20 GA's in various departments and summer salary for research-active faculty
- Dr. Wiltowski taught two courses, ME568 and ME592, and supervised 2 PhD students and 1 Masters student
- Launched and awarded 2 student scholarships (Coal Country undergraduate students – one student accepted)
- Launched and awarded 2 graduate (PSM Energy) scholarships (both students dropped out of program)
- Supported 2 visiting researchers
- Launched Faculty Seed Grants and awarded 3 for approx. \$50,000 each
- Launched proof-of-concept funding (none awarded)
- Hosted five Regional Energy Forums and SIU Energy Day
- Set up corporate sponsorship program with Foundation (soft launch at SIU Energy Day, no partners yet)
- Dr. Wiltowski: trips to DC (w/ Bill Hoback) and China (w/ Susan Ford), K-12 Clean Energy Workshop presentation, Talk Radio spots and television, Illinois Sustainable Technology Center advisory board meeting, Illinois Energy Council (Springfield)
- Helped with PSM recruiting via website updates, attendance at career fair

- Illinois Energy Development Park: Staffing included an on-site building manager to support current tenants. Completed some basic building repairs and maintenance of the research site.
- Research:
 - Topics under pursuit:
 - CO2 utilization with both methane and hydrogen
 - Chemical looping in the gas phase
 - Energy storage (in collaboration with MTC)
 - 3D Modelling gasification process using Fluent software
 - Proposal Preparation
 - U/IUCRC with U of I and U of Kentucky on CO2 Utilization
 - DOE – FOA 0001543 (Enabling technologies for advanced combustion systems): Working title: Separation of ash and oxygen carrier for coal chemical looping combustion process

11.3 Evidence of Support for Illinois Public Agenda, SIU Board of Trustees, and SIU Campus Strategic Planning

- ACERC supported students with scholarships and grants
- ACERC boosted faculty research towards large grants e.g. NSF via seed grants
- ACERC’s Illinois Energy Development Park still stands as a research and development complex for the southern region of Illinois
- ACERC’s highly visible events brought SIU, community and business leaders from all over the region together on a regular basis

11.4 Evidence of Support for Center/Institute Objectives

ACERC received \$4.6 million in 2015 from the Clean Coal Review Board to work towards the objectives in 9.3 above. During FY 2016, ACERC established and maintained numerous programs as per the Energy Boost grant proposal project management plan developed at the end of FY15. Numerous faculty, staff, student and community members benefited from these programs as is evidenced by the scholarships, grants, and graduate assistantships awarded, as well as the hundreds of community members served.

11.5 Evidence of Organizational Effectiveness

Over the course of the year and as per the Energy Boost project management plan, ACERC established and maintained two new scholarships and three new grants. ACERC supported numerous graduate assistants and helped facilitate new energy research programs. ACERC organized a series of events over the fall and spring culminating in SIU Energy Day with hundreds of attendees.

RESOURCES: (Advanced Coal and Energy Research Center)

Financial Resources	FY2016
Revenues	
State Appropriations	343,173
Income Funds	126,525
Grants	4,678,827
Total Revenues	\$ 5,148,525
Expenditures*	
Salaries – Staff/Faculty/Wages/GA <i>(Source: Grants and State accounts)</i>	581,200
Travel <i>(Source: Grants/State accounts)</i>	15,030
Materials and Supplies	4,599
Contractual Services	164,917
Equipment	1,117
Telecommunication Services	14,266
Fringe Benefits <i>(Source: Grants)</i>	112,054
Facilities and Admin. <i>(Source: Grants)</i>	49,966
Total Expenditures	943,149
Revenue Minus Expenditures	\$ 4,205,376

* Categorize expenditures in easily understood, consistent categories (e.g., salaries, Graduate Assistant support). Add additional rows as necessary.

Staffing (Full Time Equivalent)	FY2016
Faculty	2
Staff	10
Total Staffing	12 (plus student workers)

CENTERS AND INSTITUTES
ANNUAL REPORTING

Report For: July 1,2015 – June 30, 2016

(IBHE Approved and/or Illinois State Statute Established Only) *

1.	Reporting Institution	<u>SIU Carbondale</u>
2.	Center/Institute	<u>Center for Ecology</u>
3.	Date	<u>3/7/2017</u>
4.	Director	<u>Matt Whiles</u>
4.1	Telephone	<u>618 453-7639</u>
4.2	E-mail	<u>mwhiles@zoology.siu.edu</u>
5.	Year Established	<u>2005</u>
6.	Illinois State Statute (if pertinent)	<u>N/A</u>
7.	Reporting Unit	<u>Office of the Vice Chancellor of Research</u>
8.	Type	Activity (check all that apply)
	Instructional	<input type="checkbox"/>
	Research	<input checked="" type="checkbox"/>
	Public Service	<input checked="" type="checkbox"/>

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9. Overview

9.1 Description

The purpose of the Center for Ecology (CFE) is to foster communication and collaboration among faculty, staff, and students with ecological interests at Southern Illinois University Carbondale (SIUC). Ecologists at SIUC are spread across several departments including Anthropology, Forestry, Geography, Geology, Microbiology, Plant Biology, Plant, Soil & Agricultural Systems, and Zoology in four colleges (Science, Agricultural Sciences, Liberal Arts, and Engineering). Faculty members in these departments have a wide range of ecological interests and expertise, and the CFE promotes interactions among them.

Facilities associated with the center include the Middle Mississippi River Wetlands Field Station (<http://ecology.siu.edu/field-station/index.php>) and the Core Facility for Ecological Analyses (<http://ecological-analyses.siu.edu/>), which houses state-of-the-art equipment for processing of soil, water, and tissue samples. The Center for Ecology supports outreach and education activities through the Graduate Research Assistants Supporting Science (GRASS) program (<http://ecology.siu.edu/grass/index.php>), a group of SIUC graduate students who work with local teachers and youth group leaders to promote education and awareness of ecological topics.

9.2 Mission

The CFE has a mission of fostering research, promoting interdisciplinary teaching, and providing service consistent with that of SIUC. Research efforts focus on multi-disciplinary approaches in ecology and the environment. Service efforts focus on public education and support of public events such as the Missouri Department of Conservation's Day on the River event, the Illinois Cache River Days event, and the Annual CFE Student Research Symposium.

Basic and applied research by CFE members emphasizes ecology and related environmental issues. Research programs address regional/state needs and priorities, but also extend to international scales to serve the needs and interests of many.

9.3 Objectives

The overall goal of the CFE is to support and enhance basic and applied research and creative activities among different academic units at SIUC. Consistent with this goal, CFE members maintain productive research programs that generate grant funds to support research and education. CFE members also work to maintain a cohesive, collaborative environment that transcends department and college boundaries and fosters multidisciplinary approaches to research and problem solving.

Key future objectives:

Continue to foster multidisciplinary research at SIUC that produces tangible products including successful federal grant proposals and high-impact publications

Continue to pursue and secure training grants, such as the recent National Science Foundation IGERT and REU grants by CFE members, which provide support for graduate and undergraduate students at SIUC

Continue to support a seminar series of 4-5 internationally recognized speakers per year

Expand the summer internships program, currently funded by the IDNR and IEPA, and Nature Conservancy

Maintain and upgrade shared resources (Core Analytical facility and field station) to foster productive collaborations among members

Continue to develop and expand outreach and public education programs, such as the Graduate Research Assistants Supporting Science (GRASS) program to address needs in southern Illinois beyond SIU

10. Advisory Board

10.1 Advisory Board - Membership

NA. CFE faculty meet once or twice a year to discuss the progress and status of the Center, and at seminars 4-5 times per year

10.2 Number of Meetings (In This Year) 5

11. Annual Performance

11.1 Performance Measures *

Measure	Target for Year	Results in Year
1. Peer reviewed publications		81
2. Books and book chapters		26
3. Grant funding by CFE members		\$1,143,601

Measure	Target for Year	Results in Year
4. Funded summer internships for undergraduates		4 positions
5.		

* Center/institute-defined measures and targets. Depending on the particular center/institute, these may include intellectual contributions (such as publications), grants, public service activities.

11.2 Major Accomplishments (In This Year)

CFE members brought in over \$1 million in external funding this past year and published 81 peer-reviewed manuscripts, 25 book chapters, and 1 book. CFE research projects also provided numerous research and employment opportunities for graduate and undergraduate students, staff, and postdoctoral associates. The CFE also sponsored four well-attended (75+ per event) seminars and receptions.

The CFE natural sciences student research symposium was once again well attended and featured 35 oral and poster presentations by graduate and undergraduate students representing 3 colleges and 6 departments.

The CFE has provided anywhere from 2-8 summer internships for undergraduate students each year. These internships are funded by the IDNR, and IEPA. Occasionally positions are funded by NGOs such as the Nature Conservancy and Illinois Clean Energy. The CFE provided 4 positions during FY15 and has added an additional position funded by the Illinois Department of Military Affairs.

11.3 Evidence of Support for Illinois Public Agenda, SIU Board of Trustees, and SIU Campus Strategic Planning

The CFE supports SIUC's "Pathways to Excellence" by enhancing the research status of the university and providing research and internship opportunities for graduate and undergraduate students. The CFE promotes high quality research, student mentoring, and outreach, consistent with the SIU Strategic Improvement Plan's vision of SIUC as developing "broad and carefully monitored graduate and research programs of high quality." As outlined above, CFE members consistently receive external grants, produce peer-reviewed publications, and mentor graduate and undergraduate students. The CFE also enhances the mission of "public service... guided by its location in a region of small communities, farms, and mines" through research projects and outreach programs that address local issues related to natural resource management, outdoor recreation, and environmental issues.

11.4 Evidence of Support for Center/Institute Objectives

As outlined in 11.1 and 11.2 above, the CFE continues to meet its annual objectives of securing significant external funding, producing high quality research products such as

RESOURCES: (Center for Ecology)

Financial Resources	FY2016	FY2015	FY2014	FY2013	FY2012
Revenues:					
State Appropriations					
Local Accounts	26,085.00	29,036.00	28,000.00	36,889.90	59,950.22
Grants & Contracts					
Total Revenues	26,085.00	29,036.00	28,000.00	36,889.90	59,950.22
Expenditures:					
Salaries	6,945.45	11,344.35	12,067.13	661.92	0.00
Wages	0.00	725.00	0.00	0.00	0.00
Travel	1,121.90	3,010.13	2,829.39	2,145.11	1,889.90
Equipment	318.08	0.00	1,712.02	1,193.47	15,546.29
Commodities	1,780.97	649.07	2,858.45	1,237.80	1,005.01
Contractual Services	15,424.68	14,917.01	18,508.58	15,370.29	6,206.50
Op/Auto	1,100.22	8,021.36	3,943.98	1,082.82	0.00
Telephone	526.48	527.15	516.90	543.53	250.86
Fringe Benefits	0.00	15.19	0.00	0.00	0.00
Indirect	0.00	0.00	0.00	0.00	0.00
Other	0.00	674.00	161.25	107.50	0.00
Total Expenditures	27,217.78	39,883.26	42,597.70	22,342.44	24,898.56
Revenue Minus	(1,132.78)	(10,847.26)	(14,597.70)	14,547.46	35,051.66

* Categorize expenditures in easily understood, consistent categories (e.g., salaries, Graduate Assistant support). Add additional rows as necessary.

Staffing (Full Time Equivalent)	FY2016	FY2015	FY2014	FY2013	FY2012
Faculty	0	0	0	0	0
Staff	1.0	1.0	1.0	0	0
Students					
Graduate Assistants	2.5	2.5	2.0	0.5	0
Total Staffing	3.5	3.5	3	0.5	0

CENTERS AND INSTITUTES
ANNUAL REPORTING

Report For: July 1, 2015 – June 30, 2016

(IBHE Approved and/or Illinois State Statute Established Only) *

1.	Reporting Institution	Southern Illinois University Carbondale
2.	Center/Institute	Center for Fisheries, Aquaculture, & Aquatic Sciences
3.	Date	March 2, 2017
4.	Director	James Garvey
4.1	Telephone	618 453 4551
4.2	E-mail	jgarvey@siu.edu
5.	Year Established	1950
6.	Illinois State Statute (if pertinent)	N/A
7.	Reporting Unit	Vice Chancellor for Research
8.	Type	Activity (check all that apply)
	Instructional	X
	Research	X
	Public Service	X

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9. Overview

9.1 Description

SIUC's Center for Fisheries, Aquaculture, and Aquatic Sciences (CFAAS), the oldest research center on the SIUC campus, was created as the Fisheries Research Laboratory under President Delyte Morris in 1950. The center comprises research facilities shared across colleges and departments, including a 100-pond outdoor aquaculture facility near Touch of Nature, and indoor tank facility and the new Aquatic Research Laboratory and Saluki Aquarium at McLafferty Annex as well as computer and instrument laboratories, and vessels. Current CFAAS faculty have split appointments with teaching responsibilities in the College of Science and research appointments in the Vice Chancellor for Research's office. CFAAS is one of the top ten academic fisheries programs in the US and is the largest in the Midwest.

9.2 Mission

The mission of the center is to perform high quality research leading to peer-reviewed research and train graduate and undergraduate students in fisheries and aquaculture in a research-intensive environment. We strive to maintain a critical mass of complementary faculty and shared resources that enhance the individual faculty member's ability to acquire external funding and contribute to teaching within and beyond the classroom. We also provide outreach to Illinois' commercial aquaculture industry.

9.3 Objectives

- Perform high quality research funded with external grants.
- Publish research in high-quality peer-reviewed journals.
- Train M.S. and Ph.D. graduate students.
- Provide research opportunities for undergraduate students.
- Teach graduate and undergraduate courses in fisheries, aquaculture, and related fields.
- Maintain sufficient shared resources (boats, fish tanks, instrumentation, etc.) to foster collaboration among faculty within the Center and across departments and colleges to make individual faculty members more productive.
- Provide service to Illinois' aquaculture industry.

10. Advisory Board

10.1 Advisory Board - Membership

N/A

10.2 Number of Meetings (In This Year) _____

11. Annual Performance

11.1 Performance Measures *

Measure	Target for Year	Results in Year
1. External Grant Funding		\$1,544,030
2. Peer-reviewed Publications		37
3. Graduate Students Enrolled		21
4. Graduate Students Finishing Degrees		8
5. Undergraduate Research Projects Supervised		12

* Center/institute-defined measures and targets. Depending on the particular center/institute, these may include intellectual contributions (such as publications), grants, public service activities.

11.2 Major Accomplishments (In This Year)

CFAAS continues to maintain high productivity in obtaining external funding (>\$1.5M) for research projects leading to peer-reviewed publications (37 in 2016). In 2016 we graduated 6 M.S. and 2 Ph.D. students and supervised 12 undergraduate research projects.

Additional accomplishments include:

Mike Lydy received the SIUC College of Science Scholar Excellence Award

Greg Whitledge was elected to the governing board of Illinois Chapter of the American Fisheries Society

Jim Garvey published a book (with M.R. Whiles) titled “Trophic Ecology” with CRC Press (379 pages, 186 illustrations).

11.3 Evidence of Support for Illinois Public Agenda, SIU Board of Trustees, and SIU Campus Strategic Planning

Consistent with the SIU Strategic Improvement Plan’s vision of SIUC as developing “broad and carefully monitored graduate and research programs of high quality,” CFAAS has maintained very high research productivity through competitive external grants, peer-reviewed publications, and graduate training at the MS and Ph.D. level. CFAAS also embraces the plan’s vision of “public service... guided by its location in a region of small communities, farms, and mines” by reaching out to Illinois’ aquaculture industry, which ranges from small farm-pond operations to larger commercial facilities, through brokerage and fish-health screening that make the industry more profitable. CFAAS exemplifies many of the goals and objectives set forth in SIUC’s “Pathways to Excellence,” for example, by enhancing the research status of SIUC, promoting the integration of teaching and research, and providing opportunities for graduate and undergraduate research.

11.4 Evidence of Support for Center/Institute Objectives

- We obtained more than \$1.5M in external funding.

RESOURCES: Center for Fisheries, Aquaculture & Aquatic Sciences

Financial Resources	FY2016	FY2015	FY2014	FY2013	FY2012
Revenues					
State Appropriations	520,975.45	574,169.11	573,932.04	651,754.61	619,110.08
Income Fund	204,577.75	231,102.00	206,769.33	169,037.13	180,973.50
Grants & Contracts	1,544,030.00	2,032,054.03	2,272,055.57	1,908,069.45	3,530,836.93
Total Revenues	2,269,583.20	2,837,325.14	3,052,756.94	2,728,861.19	4,330,920.51
Expenditures*					
Salaries	1,093,109.55	1,251,764.98	1,425,459.25	1,537,621.32	1,605,194.22
Wages	24,661.69	24,051.10	24,491.50	27,741.68	26,687.11
Travel	64,699.64	116,742.85	109,036.02	84,059.41	78,636.58
Equipment	(338.78)	87,925.45	37,492.70	113,901.81	187,267.35
Commodities	169,156.14	527,012.05	335,038.46	404,905.06	326,560.50
Contractual Services	360,254.05	353,682.85	530,531.49	350,993.64	1,814,905.99
Op/Auto	45,344.43	54,093.25	67,356.62	66,221.24	80,876.63
Telephone	5,209.48	4,726.66	5,163.24	8,527.08	8,961.66
Fringe Benefits	134,403.96	128,840.00	167,719.24	179,440.54	162,795.10
Indirect	117,788.66	252,368.29	197,265.20	183,466.80	279,394.57
Other	40,514.63	16,176.11	48,267.29	10,216.38	39,143.64
Total Expenditures	2,054,803.45	2,817,383.59	2,947,821.01	2,967,094.96	4,610,423.35
Revenue Minus Expenditures	214,779.75	19,941.55	104,935.93	(238,233.77)	(279,502.84)

* Categorize expenditures in easily understood, consistent categories (e.g., salaries, Graduate Assistant support). Add additional rows as necessary.

Staffing (Full Time Equivalent)	FY2016	FY2015	FY2014	FY2013	FY2012
Faculty	3.6	3.7	5.3	5.3	6.3
Staff*	30.8	39.2	45.2	52.0	45.0
Students	10	12.5	12.8	9.3	18.8
Graduate Assistants	11.8	14.8	15.3	17.8	17.3
Total Staffing	56.2	70.2	78.6	84.4	87.4

*Note: Staff numbers include temporary workers who worked full time at any part of the year (e.g. summer help) as 1 FTE. The average number of FTE staff members in any month is far less than these totals.

CENTERS AND INSTITUTES
ANNUAL REPORTING

Report For: July 1, 2015 – June 30, 2016

(IBHE Approved and/or Illinois State Statute Established Only) *

1.	Reporting Institution	Southern Illinois University Carbondale						
2.	Center/Institute	Center for Undergraduate Research and Creative Activities						
3.	Date	March 2, 2017						
4.	Director	Rodrigo Carraminana						
4.1	Telephone	618-453-4433						
4.2	E-mail	rodrigo@siu.edu						
5.	Year Established	2013						
6.	Illinois State Statute (if pertinent)	N/A						
7.	Reporting Unit	Vice-Chancellor for Research						
8.	Type	<p style="text-align: center;">Activity (check all that apply)</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Instructional</td> <td style="width: 40px; height: 15px;"></td> </tr> <tr> <td style="padding: 2px;">Research</td> <td style="width: 40px; height: 15px; text-align: center;">X</td> </tr> <tr> <td style="padding: 2px;">Public Service</td> <td style="width: 40px; height: 15px;"></td> </tr> </table>	Instructional		Research	X	Public Service	
Instructional								
Research	X							
Public Service								

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9. Overview

9.1 Description

CURCA was created to centralize all, university-wide, undergraduate research and creative activity programs. These programs provide opportunities for undergraduate students to get involved in research and/or creative activities as early as their freshman year. Those programs are: Creative and Scholarly Saluki Rookies, Undergraduate Assistantship, Illinois Alliance for Minority Participation, McNair Scholars, and Research-Enriched Academic Challenge.

9.2 Mission

CURCA supports SIU's mission statement in providing opportunity for all undergraduate students of all backgrounds to engage in research and creative activities in any field under the mentoring of faculty or qualified staff.

CURCA's programs make up the core of undergraduate research and creative activities university wide at SIU.

CURCA is committed to the development of student engagement across all disciplines and departments – the physical sciences, biological sciences, the social sciences, business, arts, humanities, education, and media arts.

CURCA fosters experiential learning and an innovation-oriented culture.

9.3 Objectives

Create a CURCA designation on the transcript
Maintain and expand the Undergraduate Creative Activities and Research Annual Forum
(UCARF) Maintain and expand the Graduate and Professional Creative Activities and Research Forum
(GPCARF)
Develop strategies for increasing diversity on the distribution of the UGA, departmental, colleges, ethnicity, gender, etc.
Collect information about creative activities and research done by undergraduate students. Improve the UGA application process.

10. Advisory Board

10.1 Advisory Board - Membership

Advisory Board REACH
Seung-Hee Lee
Royce Burnett
Liliana Lefticariu
Rhetta Seymour
Erin Venable
Thushari Jayasekera
Juliane Wallace
Sarah Lewison
Jim MacLean
Mike Hoane
Ahmad Fakhoury
Rodrigo Carraminana, Ex Officio

Associate Dean Council (ADC)

Cathy C Mogharreban
Christopher W Behan
Cynthia Howard Sims
Deborah V Tudor
Cheryl Burke Jarvis
John Howard Carter
Karen Stoelzle Midden
Karla Suzanne Berry
Lizette R. Chevalier
Lori Merrill-Fink
Michael R Molino
Patsy A Manfredi
Mark Peterson
Rodrigo B Carraminana
Scott E Ishman
Susan E Tulis
Susan G Davenport
Tabitha Stone
Gina Earleen Gurley
Thomas Shaw

SIUC is a full member of the national organization that deals with undergraduate research, namely the Council on Undergraduate Research (CUR).

SIUC is also part of a consortium of fourteen (14) institutions of higher education and one federal lab in Illinois: Illinois Louis Stokes Alliance for Minority Participation (ILSAMP).

10.2 Number of Meetings (In This Year) Advisory Board REACH (2) ADC (once a month)

11. Annual Performance

11.1 Performance Measures *

Measure of Success		Target This Year	Target Next Year
1.	# of abstracts submit for Forum	219	230
2.	# of posters printed	150	170
3.	% of UGA completion	87%	90%
4.	STLAURAS & ILSAMP participation	STLAURAS - 15 ILSAMP - 8	STLAURAS-18 ILSAMP - 10
5.	% of retention for Saluki Rookies	75%	80%

* Center/institute-defined measures and targets. Depending on the particular center/institute, these may include intellectual contributions (such as publications), grants, public service activities.

11.2 Major Accomplishments (In This Year)

Undergraduate Creative Activities and Research Forum from 84 in 2013 to 195 in 2016
 First Graduate Creative Activity and Research Forum: 61 participants
 First year that a committee of Associate Deans distributed the UGA under guidelines by CURCA.

11.3 Evidence of Support for Illinois Public Agenda, SIU Board of Trustees, and SIU Campus Strategic Planning

CURCA supports several SIUC priorities: creative activities and research, diversity, exchange of knowledge through all our activities, including the annual forums.

11.4 Evidence of Support for Center/Institute Objectives

The CURCA designation on the transcript was approved by the Office of Associate Provost by Academic Programs and is now under review by the Faculty Senate.
 UCARF and GCARF have expanded their number and scope. GCARF now includes oral presentations.
 Every college has been awarded at least one UGA

RESOURCES: Center for Undergraduate Research and Crative Activities

Financial Resources	FY2015	FY2014	FY2013	FY2012	FY2011
Revenues					
State Appropriations	700,000	1,200,000	0.00		
Income Fund					
Grants & Contracts	256,000	256,000			
xxx					
xxx					
xxx					
Total Revenues	956,000	1,456,000			
Expenditures*	956,000	1,456,000			
xxx					
xxx					
xxx					
xxx					
xxx					
xxx					
Total Expenditures	956,000	1,456,000			
Revenue Minus Expenditures	0	0			

* Categorize expenditures in easily understood, consistent categories (e.g., salaries, Graduate Assistant support). Add additional rows as necessary.

Staffing (Full Time Equivalent)	FY2015	FY2014	FY2013	FY2012	FY2011
Faculty	0	0	0	NA	NA
Staff	6	8.5	4	NA	NA
Total Staffing	6	8.5	4	NA	NA

CENTERS AND INSTITUTES
ANNUAL REPORTING

Report For: July 1, 2015 – June 30, 2016

(IBHE Approved and/or Illinois State Statute Established Only) *

1. Reporting Institution Southern Illinois University Carbondale

2. Center/Institute Cooperative Wildlife Research Laboratory

3. Date March 6 2017

4. Director Matt R. Whiles, Interim Director

 4.1 Telephone (618) 453-7639

 4.2 E-mail mwhiles@zoology.siu.edu

5. Year Established 1950

6. Illinois State Statute
 (if pertinent) NA

7. Reporting Unit Vice Chancellor for Research and College of Science

8. Type Activity
 (check all that apply)

Instructional	X
Research	X
Public Service	X

* Complete this form for each center and institute established (or that is in the process of being established) through the Illinois Board of Higher Education approval process (23 Illinois Administrative Code 1050) or by specific Illinois state statute. See University Guideline 2.4 for details. This report will be completed by the center or institute after conclusion of the academic/fiscal year.

9. Overview

9.1 Description

The CWRL consists of one director and 6 full-time faculty members who also have appointments ranging from 25% - 50% in the Department of Zoology or Forestry. Teaching and research focus on basic and applied wildlife ecology and natural resource management. Faculty members teach both graduate and undergraduate courses, and the lab generally has 30 active MS and PhD students. The CWRL shares 2 full-time office staff and 3 student workers with the Fisheries unit. Resources include modern research labs, a centralized computer facility, field vehicles, and an off-campus annex with laboratory, office, and storage space.

9.2 Mission

The CWRL has a mission of teaching, research, and service consistent with that of Southern Illinois University Carbondale (SIUC). Teaching efforts focus on both graduate and undergraduate training. Faculty members also advise zoology and forestry majors, especially those with an emphasis in wildlife biology.

Basic and applied research in the CWRL emphasizes the welfare of people, wildlife resources, and their environments. Research programs address regional/state needs and priorities, but also extend to international scales to serve the needs and interests of many concerned with natural resource use and its influence on the well-being of wildlife and humans.

9.3 Objectives

The overall goal of the CWRL is to train basic and applied wildlife researchers at the graduate and undergraduate levels. Consistent with this goal, CWRL faculty and staff work to maintain the unit's excellent record of research productivity and generating grant funds to support research and education. CWRL faculty and staff also work to maintain a cohesive, collaborative environment that fosters a very interactive group of students. The CWRL has a remarkable history of placement of its graduates in career positions.

Key future objectives:

Continue to identify emerging issues in wildlife management and ecology in order to determine research areas such that the CWRL will maintain its national and international recognition.

Maintain traditional areas of research funding through state agencies and a niche in applied wildlife research, while increasing numbers of successful large federal competitive grants and associated indirect funds.

Adapt and develop degree programs, tracks, and specializations that will keep CWRL graduates competitive for jobs and other graduate programs.

Maintain and upgrade shared resources (vehicles and other major equipment) to foster productive collaborations among faculty members in the CWRL and other units

Continue to develop and expand outreach and public education programs, such as the Graduate Research Assistants Supporting Science (GRASS) program to address needs in southern Illinois beyond SIU.

10. Advisory Board

10.1 Advisory Board - Membership

There is no advisory board. Faculty members in the CWRL include:

Matt Whiles, Professor and Interim Director
 Clay Nielsen, Professor
 Eric Schaubert, Professor
 Mike Eichholz, Associate Professor
 Justin Boyles, Assistant Professor
 Jason Brown, Assistant Professor
 Da Chen, Assistant Professor

10.2 Number of Meetings (In This Year) 6 CWRL faculty meetings

11. Annual Performance

11.1 Performance Measures *

Measure	Target for Year	Results in Year
1. Grant funds generated		\$927, 126
2. Peer-reviewed publications		37
3. Graduate students enrolled		34
4. Graduate students completed		8
5. <u>Undergraduate researcher projects</u>		16

* Center/institute-defined measures and targets. Depending on the particular center/institute, these may include intellectual contributions (such as publications), grants, public service activities.

112 Major Accomplishments (In This Year)

CWRL faculty members brought in nearly \$1 million in external funding this past year and published 37 peer-reviewed manuscripts plus 2 books and 26 book chapters. Collectively, faculty mentored and advised 107 undergraduates in the zoology and forestry programs, and supervised 16 undergraduate research projects. CWRL research projects also provided numerous employment and volunteer opportunities for undergraduate workers. CWRL faculty members taught graduate and undergraduate courses in zoology and forestry with a combined enrollment of 208 students.

113 Evidence of Support for Illinois Public Agenda, SIU Board of Trustees, and SIU Campus Strategic Planning

The CWRL maintains a productive, high quality research, training, and teaching program that is consistent with the SIU Strategic Improvement Plan's vision of SIUC as developing "broad and carefully monitored graduate and research programs of high quality." As outlined above, CWRL faculty members consistently receive external grant dollars, produce peer-reviewed publications, and graduated undergraduate and graduate students who excel in the job market. The CWRL also enhances the mission of "public service...guided by its location in a region of small communities, farms, and mines" through research projects and outreach programs that address local issues related to game management, outdoor recreation, wildlife diseases, and nuisance wildlife species. The CWRL also supports SIUC's "Pathways to Excellence" by enhancing the research status of SIUC and providing research and training opportunities for graduate and undergraduate students.

114 Evidence of Support for Center/Institute Objectives

As outlined in 11.1 and 11.2 above, the CWRL continues to meet its annual objectives of securing significant external funding, producing high quality research products such as peer-reviewed publications and books, and graduating students that are competitive in their fields. These activities provide numerous opportunities for undergraduate and graduate students in the zoology and forestry programs. Graduate enrollment in the CWRL has remained consistently high for years, reflecting the solid reputation of the program.

115 Evidence of Organizational Effectiveness

M. Whiles serves as Interim Director of the CWRL and also still runs a highly productive research and graduate training program. Whiles meets with the Vice Chancellor for Research at least monthly to discuss CWRL goals, progress, finances, and related issues. The CWRL and SIU Center for Fisheries, Aquaculture, and Aquatic Sciences recently combined their front office, support staff, and computing facilities to increase efficiency.

12 Institutional Assessment

121 Date of Last Review 2010

122 Decision at Last Review X- Center/Institute in Good Standing
Center/Institute Flagged for Priority Review
— Center/Institute Suspended

123 Explanation

RESOURCES: (Cooperative Wildlife Research Laboratory)

Financial Resources	FY2016	FY2015	FY2014	FY2013	FY2012
Revenues:					
State Appropriations	473,628.24	512,526.69	511,624.47	505,892.09	402,913.07
Local Accounts	80,647.29	111,656.72	116,609.62	86,195.49	63,269.35
Grants & Contracts	927,126.18	1,011,633.63	1,008,472.95	985,900.70	983,192.92
Total Revenues	1,481,401.71	1,635,817.04	1,636,707.04	1,577,988.28	1,449,375.34
Expenditures:					
Salaries	985,484.09	1,030,716.16	1,003,780.03	1,017,464.98	909,937.95
Wages	14,633.19	31,873.96	35,885.99	21,338.74	22,962.03
Travel	39,220.27	51,222.04	39,313.55	43,563.81	20,712.94
Equipment	32,470.93	117,567.00	33,899.22	36,874.31	27,527.31
Commodities	217,598.42	248,962.70	88,828.44	76,439.09	118,321.97
Contractual Services	206,667.35	139,969.11	145,621.90	122,801.43	134,236.25
Op/Auto	65,082.10	59,135.77	67,060.73	90,326.20	88,518.52
Telephone	3,764.01	5,826.86	2,363.48	5,735.38	5,732.03
Fringe Benefits	43,616.64	60,751.85	29,757.31	30,501.42	32,032.81
Indirect	209,114.61	155,976.22	138,172.59	157,507.24	151,906.99
Other	3,301.34	11,161.35	20,302.18	22,000.00	11,125.15
Total Expenditures	1,820,952.95	1,913,163.02	1,604,985.42	1,624,552.60	1,523,013.95
Revenue Minus Expenditures	(339,551.24)	(277,345.98)	31,721.62	(46,564.32)	(73,638.61)

* Categorize expenditures in easily understood, consistent categories (eg., salaries, Graduate Assistant support). Add additional rows as necessary.

Staffing (Full Time Equivalent)	FY2016	FY2015	FY2014	FY2013	FY2012
Faculty	5.2	5.2	6.0	5.0	3.5
Staff	49.8	66.7	60.7	47.1	45.7
Students	11.0	16.0	18.0	20.0	21.0
Graduate Assistants	14.0	13.3	13.3	13.5	14.5
Total Staffing	80.0	101.2	98.0	85.6	84.7

*Note: Staff numbers include temporary workers who worked full time at any part of the year (e.g. summer help) as 1FTE.
The average number of FTE staff members in any month is far less than these totals.

CENTERS AND INSTITUTES
ANNUAL REPORTING

Report For: July 1, 2015 – June 30, 2016

(IBHE Approved and/or Illinois State Statute Established Only) *

1.	Reporting Institution	Southern Illinois University Carbondale						
2.	Center/Institute	Fermentation Science Institute						
3.	Date	3/6/2017						
4.	Director	Matthew McCarroll						
4.1	Telephone	618-453-7508						
4.2	E-mail	mmccarroll@siu.edu						
5.	Year Established	2014						
6.	Illinois State Statute (if pertinent)	N/A						
7.	Reporting Unit	Office of the Associate Provost for Academic Programs						
8.	Type	<div style="text-align: center;">Activity (check all that apply)</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">Instructional</td> <td style="border: 1px solid black; text-align: center; width: 30%; padding: 2px;">X</td> </tr> <tr> <td style="padding: 2px;">Research</td> <td style="border: 1px solid black; text-align: center; padding: 2px;">X</td> </tr> <tr> <td style="padding: 2px;">Public Service</td> <td style="border: 1px solid black; text-align: center; padding: 2px;">x</td> </tr> </table>	Instructional	X	Research	X	Public Service	x
Instructional	X							
Research	X							
Public Service	x							

* Complete this form for each center and institute established (or that is in the process of being established) through the Illinois Board of Higher Education approval process (23 Illinois Administrative Code 1050) or by specific Illinois state statute. See University Guideline 2.4 for details. This report will be completed by the center or institute after conclusion of the academic/fiscal year.

9. Overview

9.1 Description

The Fermentation Science Institute (FSI) supports fermentation related activities on campus by acting as a foundation to support and spur the development of programs and activities related to fermentation. These activities include the coordination and support of education, research, housing and managing the fermentation science degree program, operation of service laboratory for the analysis of alcoholic beverages and associated outreach to support local and regional fermentation related businesses.

9.2 Mission

The mission of the FSI is to support the students and faculty of SIU to advance knowledge in the associated areas of fermentation science and to transfer this knowledge through our educational programs, research activities and outreach to the region and fermentation-related industries.

9.3 Objectives

Fundraising and Promotion. The Director will continue to work with the SIU Foundation to identify and work with prospective donors to enhance the effectiveness and impact of the programs and activities of the FSI, as well as actively promoting the FSI on a regional and national scale.

Establish Professional Advisory Board. The Director of the FSI will continue establishing further industry contacts and to identify and invite appropriate individuals to serve on the advisory board of the Institute.

Encourage and Support Research Efforts on Campus. The Director will continue to work with the campus community to encourage research in the general area of fermentation science.

Expand Service Laboratory Impact and revenue. The laboratory is now certified through the federal Alcohol and Tobacco Tax and Trade Bureau (T.T.B.) for the analysis of beer. The Service Lab will become fully certified for wine and spirits and expand its outreach base and revenue stream.

New Research Projects. FSI will identify research topics that can be developed into research opportunities for students and faculty.

Pilot Distillery. FSI will also identify mechanisms to establish a pilot distillery that will be used for training and research in the FSI.

Evaluate Feasibility of Pilot Malting Facilities. A goal of the program is to offer on-site malting capabilities for training students in the program. Such a facility could serve as a demonstration pilot plant to encourage and support a local malting industry. Malt constitutes a value-added

specialty crop that could have significant economic impact to the region and serve the needs of the state.

Evaluate Feasibility of Cheese Making Program. Establishing a cheese making program could strengthen the fermentation science degree program and has the potential for positive economic development in our region.

Develop Articulation Agreements. Developing articulation agreements with appropriate community colleges will improve enrolment and increase effectiveness of our program.

Corporate Partnerships. FSI will develop and maintain corporate relationships and partnerships for support of the program and to develop relationships to enhance placement opportunity for our graduates. In addition, corporate research projects are an effective mechanism to support student research and derive contractual support for the research activities.

Completion of the Fannie Mae McGill Teaching Kitchen and Sensory Laboratory. This teaching kitchen and sensory laboratory will be developed and built in the McLafferty Annex. It will be managed and utilized by the FSI and the Hospitality Management and Tourism department. The project is currently in the design phase.

10. Advisory Board

10.1 Advisory Board - Membership

Professional Advisory Board (not yet complete)

Florian Kuplant – Brewmaster and Co-Owner, Urban Chestnut Brewing Company
 Jared Jankoski – Brewmaster, Goose Island Brewing Company
 Paul Cobet – Annheuser Busch (retired)
 Alastair Pringle – Board Examiner, Institute of Brewing and Distilling
 Bradley Beam – Enology Specialist, Illinois Grape Growers and Vintner’s Association
 Eric Samp – Corporate QA Manager, MillerCoors

10.2 Number of Meetings (In This Year) 0

11. Annual Performance

11.1 Performance Measures *

Measure	Target for Year	Results in Year
1. Fundraising	NA	\$10,100.00
2. Gifts-in-kind	NA	\$1,543.76
3. Completed Research Projects	2	1
4. Sponsored Events	6	7

Measure	Target for Year	Results in Year
5. Carbondale Beerfest	NA	\$5,287.49
6. Student Enrollment	0	4
7. Revenue from Testing Services	\$5,000	
6. FSI related Grant Proposals Submitted	2	2

* Center/institute-defined measures and targets. Depending on the particular center/institute, these may include intellectual contributions (such as publications), grants, public service activities.

11.2 Major Accomplishments (In This Year)

Faculty Hire. The FSI completed the hire of Dr. Katherine Witrick. Dr. Witrick accepted the offer and will join SIU in January of 2017 as a joint hire with appointments in Animal Science, Food and Nutrition in the Hospitality Management and Tourism program. She has a 25% appointment in FSI and will teach courses in the Fermentation Science degree program. The FSI managed the search process and developed the offer in consultation with the Deans of Agricultural Sciences and Science, along with securing necessary startup commitments for a competitive offer.

Approval of Degree Program. We received notification of approval for the NUI establishing the B.S. degree in Fermentation Science in March of 2016. The Institute worked with the Associate Provost for Academic Programs and the Registrar to implement the new courses and catalog copy for the degree program.

Student Recruitment. Following approval of the degree program, active recruitment efforts were engaged including our website and social media. Ongoing efforts and future goals include recruiting booths at relevant meetings and coordination of marketing efforts with University Communications and Marketing. As a result of promotional activities, the program “left the gates” for the first formal recruiting season with 4 students already enrolled in the program.

General Promotion of FSI and degree program. Significant effort was placed on promoting the FSI and the degree program, including attending state and national meetings. With the launching of the degree program the Director participated in 7 radio, television and newspaper interviews at the regional and national level. The FSI was a cover feature article in the SIU Alumni magazine. Additionally, the Director gave invited presentations to multiple professional organizations, including the Kiwanis Club, the Union County Chamber of Commerce, the Illinois Craft Brewers Guild, and the Chicago chapter of the SIU Alumni Association.

Public Outreach and Engagement. The FSI hosted or participated in 4 educational tasting events in FY16, including two beer paired luncheons for advisory boards of related campus programs. The FSI also conducted a free educational tasting event for the SIU Forever event associated with the SIU graduation. The FSI obtained donations to support this event, which impacted 500+ recent graduates and parents.

Carbondale Beer Festival. The FSI engaged with the Carbondale Mainstreet organization to re-establish a beer festival in Carbondale. The FSI worked with Legal Counsel and Risk Assessment to establish a standing agreement of how the FSI and Carbondale Mainstreet will work together

to organize and manage the festival to the benefit of the two organizations. The FSI used its contacts to bring in participating breweries. In addition, the FSI hosted training sessions for servers and a formal tour of the FSI facilities for brewers attending the festival. The inaugural festival drew nearly 800 attendees and a net proceed to the FSI of over \$5,000 (payment received in FY17). The festival will be an annual event.

Research Activities. The FSI organized and conducted two research activities during the fiscal year. One was a collaborative effort involving three breweries that utilize wild and mixed yeast cultures in their brewing. The participating breweries included a nationally recognized local brewery (Scratch Brewing) and two other nationally recognized breweries from North Carolina (Fonta Flora Brewing Company) and Texas (Jester King Brewing Company). The research project involved a fermentation science major enrolled in an independent research course for credit plus faculty and staff from chemistry, microbiology and the Fermentation Science Institute. The results of the research were presented by the Director and the student at the World Brewing Congress. A second research project organized and supported by the FSI was a study examining antioxidants in apples and the effect of harvest time. Results of the study are relevant to both table and cider applications. The preliminary study was supported as a seed grant by the Deans of Agricultural Science and Science and the results enable the development of an external grant proposal that was submitted to the USDA specialty crop program. This research project was very interdisciplinary, involving faculty from horticulture, chemistry, mathematics, physics and the FSI.

Service Laboratory. The FSI completed the search and successfully hired Katherine Strain as the Laboratory Operations Coordinator. The laboratory also became formally certified by the Tax and Trade Bureau of the U.S. Government for the analysis of beer. The laboratory will undergo certification procedures for wine and beer in the Fall of 2016. Both Katherine Strain and Matt McCarroll became certified chemists for the analysis of beer.

FSI Facilities. The FSI oversaw completion of the construction project and outfitted the teaching, research and service laboratory facilities. The FSI began teaching in new facilities in the Spring semester of 2016.

11.3 Evidence of Support for Illinois Public Agenda, SIU Board of Trustees, and SIU Campus Strategic Planning

Supporting the Illinois Public Agenda:

The development of and activities by the Institute support several aspects of the Illinois Public Agenda. The core mission of the Institute is squarely aligned with Goal 4 of *integration of educational, research & innovation assets*. The planned degree program in fermentation science will also support Goal 1 of *Educational Attainment*. Based on the local, regional and national growth of the craft brewing sector, the planned programs and activities also contribute to Goal 3 of *High Quality Credentials to meet Economic Demand*.

Supporting the SIU Board of Trustees Strategic Plan:

The activities of the Institute related to program development and the initiation of new programs are well aligned with the Board of Trustees strategic themes of *promoting student satisfaction and success*. The operation of the service laboratory, the planned coordination of

student internship opportunities, the unique niche of the planned degree program and the general outreach activities of the Institute all contribute to the Board's theme of *innovating to transform our state and region*, and the goal of *building a stronger system by developing alternative sources of revenue and additional revenue centers*, as well as the theme of *developing our people and our places*.

Supporting the SIU Carbondale Strategic Plan:

The development of the Fermentation Science Institute facilities in the McLafferty Annex provides students and faculty with state-of-the-art laboratories and teaching space, which support several of the primary goals of the campus strategic plan to *contribute to student success*, and to *encourage research, scholarship and creative activities*. As a new, interdisciplinary institute with planned interdisciplinary programs, the FSI furthers the SIU strategic plan by acting to *strengthen campus community and community relations* by bringing together faculty interest from various departments and colleges in efforts to capitalize on untapped programmatic and research opportunities. By developing novel programs with an efficient administrative structure, the Institute also contributes to the SIU strategic plan goal of improving *finance, infrastructure and resource allocation*.

11.4 Evidence of Support for Center/Institute Objectives

Fundraising and Promotion. The Director will continue to work with the SIU Foundation to identify and work with prospective donors to enhance the effectiveness and impact of the programs and activities of the FSI, as well as actively promoting the FSI on a regional and national scale. Naming opportunities for rooms in the new facilities have been developed and approved by the University Naming Committee. Two naming opportunities for these spaces are under development and consideration. Efforts toward raising funds for the support of activities at the FSI are extensive and ongoing.

Establish Professional Advisory Board. The advisory board has been filled to a nearly functional level. The topic gaps that are missing are in the area of industrial and pharmaceutical fermentation. Discussions have started and are ongoing with several companies in these areas with the aim of building partnerships and defining roles on our advisory board.

Encourage and Support Research Efforts on Campus. The FSI is serving a central role in bringing together fermentation related research projects. We have faculty from several departments and colleges involved in research projects and developing grant proposals. We will also have an increasing number of students involved in research that is facilitated by the FSI.

Expand Service Laboratory Impact and Revenue. The FSI will continue its efforts to obtain full certification by testing for wine and distilled spirits in the fall of 2016. Efforts are ongoing to establish a network of customers, which will provide service for the industry while providing revenue and training grounds to further the educational opportunities of our students and majors.

Pilot Distillery. The Director has established a pending partnership with a major manufacturer of distilling equipment. We anticipate that this relationship will materialize into an opportunity to establish a distiller in the FSI for training and research.

Evaluate Feasibility of Malting and Cheese-Making Facilities. Malting and cheese-making operations can be a core aspect of a fermentation science program. As such, we have long-term plans of developing such facilities in our program. These are also excellent opportunities to work in areas that involve faculty and students from agriculture, science and engineering. We are continuing to develop plans and seeking out opportunities to develop these opportunities.

Develop Articulation Agreements. Transfer students constitute an important part of the student body at SIU. By developing articulation agreements with select community colleges we can help to ensure that students are well prepared to succeed at SIU. Following formal approval of the degree program in 2016, we have been in communication with local community colleges with the goal of developing articulation agreements that will support our recruiting and retention goals.

Completion of the Fannie Mae McGill Teaching Kitchen and Sensory Laboratory. The Director of the FSI is leading the effort to build the teaching kitchen and sensory laboratory in the McLafferty Annex. Following completion of informal design work and an evaluation of program needs the director will initiate a GIR to develop formal plans and begin construction in 2017.

11.5 Evidence of Organizational Effectiveness

The institute has fully established effective business operations for what represents a completely new operational unit on the Carbondale campus. The FSI has also acted in a centralized role for the other occupants and activities of the McLafferty Annex.

12. Institutional Assessment

12.1	Date of Last Review	N/A
12.2	Decision at Last Review	<input type="checkbox"/> Center/Institute in Good Standing <input type="checkbox"/> Center/Institute Flagged for Priority Review <input type="checkbox"/> Center/Institute Suspended
12.3	Explanation	N/A

RESOURCES: Fermentation Science Institute

Financial Resources	FY2016	FY2015	FY2014	FY2013	FY2012
Revenues					
State Appropriations	166242.25	151764.10			
Service Lab	1,234.00	0			
Overhead Recovery Expenditure	15,500.00	0			
Total Revenues	182,976.25	151764.10			
Expenditures*					
Salaries	121578.83	102,787.94			
Travel	6,292.68	1,193.75			
Equipment	19,609.16	24,469.92			
Commodities	17,203.32	6,488.09			
Contractual Services	16,388.68	4,045.68			
Awards and Grants	1,443	54.75			
Telecommunications	585.30	116.48			
Total Expenditures	181,657.97	139,156.61			
Revenue Minus Expenditures	1,318.28	-12,607.49			

* Categorize expenditures in easily understood, consistent categories (e.g., salaries, Graduate Assistant support). Add additional rows as necessary.

Staffing (Full Time Equivalent)	FY2016	FY2015	FY2014	FY2012	FY2012
Faculty	0	0			
Staff	1.5	1.5			
Total Staffing	1.5	1.5			

CENTERS AND INSTITUTES
ANNUAL REPORTING

Report For: July 1, 2015 – June 30, 2016

(IBHE Approved and/or Illinois State Statute Established Only) *

1.	Reporting Institution	Southern Illinois University Carbondale
2.	Center/Institute	Materials Technology Center
3.	Date	March 9, 2017
4.	Director	Ian Ivar Suni, Ph.D.
4.1	Telephone	618-453-7822
4.2	E-mail	isuni@siu.edu
5.	Year Established	1983
6.	Illinois State Statute (if pertinent)	N/A
7.	Reporting Unit	Office of the Vice Chancellor for Research
8.	Type	Activity (check all that apply)
	Instructional	Aspirational
	Research	X
	Public Service	

* Complete this form for each center and institute established (or that is in the process of being established) through the Illinois Board of Higher Education approval process (23 Illinois Administrative Code 1050) or by specific Illinois state statute. See University Guideline 2.4 for details. This report will be completed by the center or institute after conclusion of the academic/fiscal year.

9. Overview

9.1 Description

The Materials Technology Center (MTC) was established in 1983 as a result of a high-technology thrust by the state of Illinois. Charged with stimulating materials-related research on the campus of SIU, the center accomplishes this mission through initiating interdisciplinary research in the Colleges of Engineering and Science, disseminating results to researchers in academia, industry, and national laboratories, and organizing Materials seminars and discussion groups. The center encourages research in new areas by administering a competitive seed grant program that funds projects for faculty entering new areas of materials research and provides technical, administrative and financial support to start-up and established research programs. A historical strength of the center has been research in the area of carbon-carbon composites, but the center has expanded its leadership and expertise in carbon science to include areas such as carbon nanotubes and development of carbon material precursors. New areas of emphasis include materials design by iterative computation, synthesis and characterization, sensors and biosensors, and energy storage. Other research programs included catalysis, magnetic materials, materials for alternative and traditional energy, polymers, chemical vapor deposition and infiltration, inkjet and wax printing, mechanical behavior or cells, and metal-organic frameworks. Under the guidance of established experts, students associated with MTC receive hands-on training and valuable experience. The total program of the center offers an opportunity for students at all levels of experience to train in the fields of Materials Science and Engineering. The web address for the Materials Technology Center is <http://mtc.siu.edu/>.

9.2 Mission

The mission of the Materials Technology Center is to advance and develop new technologies involving the synthesis, processing, understanding, and application of advanced materials in order to address the Grand Challenges facing humanity, and to provide students with the necessary education and training to address these challenges. These Grand Challenges include economical solar energy and other alternative energies; improved medicines and biomedical technologies, including those involving the human brain; carbon sequestration; reduced greenhouse gas emissions and environmental remediation; improved clean water technology; finding sustainable alternatives to rare earth elements, and other scarce elements of technological importance; and advancing scientific inquiry.

9.3 Objectives

We endeavor to:

- Invite outside seminar speakers and guests in the field of Materials Science and Engineering (MSE) to SIUC to enable greater understanding of the various MSE sub-disciplines by our students and faculty. This is particularly valuable for the three research focus areas of the Materials Technology Center: materials design by iterative computation, synthesis and characterization, sensors and biosensors, and energy storage.

- Provide editorial advice, matching funds, and other assistance as needed for MTC faculty to write grant proposals to federal agencies, state agencies, foundations, and industry as needed. This provides a sustainable feedback mechanism due to the indirect cost return agreement for 5% of the OVCR share for MTC faculty projects back to the MTC.
- Provide periodic support for seed grants to MTC faculty to aid in their ability to start research projects in new fields, and subsequently obtain external grant funding.
- Provide periodic guidance and advice into emerging areas within Materials Science and Engineering research as need for MTC faculty.
- Support an active Materials Research Society University Chapter at SIUC. This was a specific suggestion from our 2014 IBHE review.
- If possible, start appropriate graduate curricula in the field of Materials Science and Engineering. This is another specific suggestion from our 2014 IBHE review. The MTC awaits further action by the administration of SIUC to implement a sustainable funding mechanism for such graduate programs.
- If possible, depending on budgetary constraints, lobby for and support the acquisition of advanced equipment for materials characterization and materials processing.

10. Advisory Board

10.1 Advisory Board - Membership

Dr. Punit Kohli, Dr. Tomasz Wiltowski, Dr. Shaikh Ahmed, Dr. Lichang Wang.

10.2 Number of Meetings (In This Year) 2

11. Annual Performance

11.1 Performance Measures *

Measure	Target for Year	Results in Year
1. Host outside seminar speakers	2	3
2. Peer reviewed publications by MTC faculty	40	61
3. Research grants obtained by MTC faculty	2	2
4.		
5.		

* Center/institute-defined measures and targets. Depending on the particular center/institute, these may include intellectual contributions (such as publications), grants, public service activities.

11.2 Major Accomplishments (In This Year)

The Materials Technology Center hosts a series of academic seminars to bring internationally renowned researchers to campus to meet with SIUC students and faculty. During FY 16, seminar speakers included:

- Dr. Robert Klie, Professor of Physics, University of Illinois Chicago. Seminar entitled, “Materials for a Carbon-free Future: An *in situ* Study of Interfaces and Defects in Next Generation Device Applications,” on March 2, 2016.
- Dr. Leon Shaw, Professor of Mechanical, Materials and Aerospace Engineering, Illinois Institute of Technology. Seminar entitled, “Mechanical-activation-enhanced Surface Functionalization and Capacitance for High Performance Li Ion Capacitors,” on April 6, 2016.
- Dr. John Rogers, Department of Materials Science and Engineering, University of Illinois Urbana-Champaign. Seminar entitled, “Biodegradable Electronics,” on September 9, 2015

As reported last year, the Director of the Materials Technology Center, Dr. Ian Ivar Suni, has organized the formation of a University Chapter of the Materials Research Society (MRS) at Southern Illinois University Carbondale (SIUC). Our petition to form an MRS University Chapter was granted on June 8, 2015. During FY16, we petitioned the Office of Student Involvement for recognition of our MRS University Chapter as a Registered Student Organization (RSO) by SIUC. Our MRS University Chapter was formally recognized as an RSO on February 23, 2016.

As reported last year, we organized an Energy Storage symposium at SIUC on April 1, 2015 that was co-sponsored by the Materials Technology Center and the Advanced Coal and Energy Research Center, with financial support from the Office of the Vice Chancellor for Research. The Energy Storage symposium was covered by the local news on the ABC affiliate WSIL (Channel 3 in Carterville, IL), who aired an interview with Dr. George Crabtree, Director of the Joint Center for Energy Storage Research at Argonne National Laboratory. To follow up on this successful event, the Materials Technology Center had a seed grant program (Graduate Assistant support only) during Spring 2016 to support Energy Storage research at SIUC. Director Ian Suni has pledged to support a collaborative research project, entitled “Towards the Understanding and Rational Design of Organic Redox-Active Electrolyte Materials for Electrochemical Supercapacitors,” between Profs. Lichang Wang and Kyle Plunkett.

During Summer 2015, MTC aided with administration and support, including financial support, of the Materials Research and Education for Undergraduate (REU) program funded by the National Science Foundation (NSF) through a grant to two faculty Members (Dr. Boyd Goodson and Dr. Saikat Talapatra) of the Materials Technology Center. This involved hosting 14 undergraduate students doing Materials Science and Engineering research with a variety of SIUC faculty in different departments (Chemistry & Biochemistry, Physics, Mechanical Engineering and Energy Processes, Civil and Environmental Engineering).

Throughout the fiscal year, the Director met with various faculty at SIUC involved or interested in research into Materials Science and Engineering. Discussions include their research, research of other faculty in different departments and colleges, and how the Director might be able to facilitate interdisciplinary collaboration. The Director also periodically emails MTC faculty about possible opportunities for research funding, Materials meetings and symposia, and forwards articles of general interest.

The Director also meets with faculty candidates in both his home departments (Chemistry and Biochemistry, Mechanical Engineering and Energy Processes) in order to provide feedback on potential hires. He also meets periodically with the Dean of Science and the Dean of Engineering to solicit their input into the activities of the Materials Technology Center. In addition, he participates in the Research Advisory Council of the Vice Chancellor for Research.

11.3 Evidence of Support for Illinois Public Agenda, SIUC Board of Trustees, and SIUC Campus Strategic Planning

The Materials Technology Center strives to aid the SIUC administration, faculty, students, and other stakeholders to accomplish the goals outlined in our Strategic Plan. For example, among the values described in our Strategic Plan, are:

- We are proud of our status as a nationally ranked public research university
- We pride ourselves on innovation in research and creative activity

All of the activities described elsewhere in this report are focused on maintaining our status as a nationally ranked public university, and increasing the quality and quantity of our research and creative activity. The Strategic Plan also identifies two important goals:

- Enhance research, scholarly and creative activity productivity to the benefit of students, community and other University stakeholders.
- Enhance our reputation for providing cutting-edge graduate and undergraduate research opportunities.

The Materials Technology Center is primarily focused around these goals through its various scholarship-focused activities.

11.4 Evidence of Support for Center/Institute Objectives

All of the activities described in this report are planned and executed to support the center objectives that are outlined above. These include:

- Bring in outside seminar speakers and guests in the field of Materials Science and Engineering (MSE) to SIUC to enable greater understanding of the various MSE sub-disciplines by our students and faculty. This is particularly valuable for the three research focus areas of the Materials Technology Center: materials design by iterative computation, synthesis and characterization, sensors and biosensors, and energy storage.
- Provide editorial advice, matching funds, and other assistance as needed for MTC faculty to write grant proposals to federal agencies, state agencies, foundations, and industry as needed. This provides a sustainable feedback mechanism due to the indirect cost return agreement for 5% of the OVCR share for MTC faculty projects back to the MTC.
- Provide periodic support for seed grants to MTC faculty to aid in their ability to start projects in new fields, and subsequently obtain external grant funding.

- Provide periodic guidance and advice into emerging areas within Materials Science and Engineering research as need for MTC faculty.
- Support an active Materials Research Society University Chapter at SIUC. This was a specific suggestion from our recent IBHE review.
- If possible, start appropriate graduate curricula in the field of Materials Science and Engineering. This is another specific suggestion from our recent IBHE review.
- If possible, depending on budgetary constraints, lobby for and support the acquisition of advanced equipment for Materials characterization and Materials processing.

11.5 Evidence of Organizational Effectiveness

This is thoroughly documented in the remainder of this Report.

12. Institutional Assessment

12.1	Date of Last Review	2014
12.2	Decision at Last Review	<input checked="" type="checkbox"/> Center/Institute in Good Standing <input type="checkbox"/> Center/Institute Flagged for Priority Review <input type="checkbox"/> Center/Institute Suspended
12.3	Explanation	Not applicable.

RESOURCES: Materials Technology Center

Financial Resources	FY2015	FY2014	FY2013	FY2012	FY2011
Revenues					
State Appropriations	75,486				
Income Fund					
Grants & Contracts					
VCR New Faculty Start-up	15000	180000	25000		
xxx					
xxx					
Total Revenues	90,486	180000	25000		
Expenditures*					
xxx					
xxx					
xxx					
xxx					
xxx					
xxx					
Total Expenditures					
Revenue Minus Expenditures					

* Categorize expenditures in easily understood, consistent categories (e.g., salaries, Graduate Assistant support). Add additional rows as necessary.

Staffing (Full Time Equivalent)	FY2015	FY2014	FY2013	FY2012	FY2011
Faculty	1				
Staff	0				
Total Staffing	1				

CENTERS AND INSTITUTES
ANNUAL REPORTING

Report For: July 1, 2015 – June 30, 2016

(IBHE Approved and/or Illinois State Statute Established Only) *

1.	Reporting Institution	SIUC
2.	Center/Institute	Meyers Institute for Interdisciplinary Research in Organic & Medicinal Chemistry
3.	Date	March 1 st , 2017
4.	Director	Yuqing Hou (Interim)
4.1	Telephone	618-453-5174
4.2	E-mail	houyq@siu.edu
5.	Year Established	2000
6.	Illinois State Statute (if pertinent)	N/A
7.	Reporting Unit	Department of Chemistry, College of Science
8.	Type	Activity (check all that apply)
	Instructional	<input checked="" type="checkbox"/>
	Research	<input checked="" type="checkbox"/>
	Public Service	<input type="checkbox"/>

* Complete this form for each center and institute established (or that is in the process of being established) through the Illinois Board of Higher Education approval process (23 Illinois Administrative Code 1050) or by specific Illinois state statute. See University Guideline 2.4 for details. This report will be completed by the center or institute after conclusion of the academic/fiscal year.

9. Overview

9.1 Description

The Meyers Institute for Interdisciplinary Research in Organic and Medicinal Chemistry was initiated by late Distinguished Professor Cal Y. Meyers through a \$3 million endowment to SIU foundation in 2000. Professor Meyers served as the first director of the institute until his death in 2012. The institute currently is managed by Dr. Yuqing Hou. Professor Meyers firmly believed that basic research leads to new applications and broad-field publications. Students with exposure to a variety of interdisciplinary research activities are prime candidates for positions in the scientific, medical and commercial sectors.

The institute has provided assistantships, postdoctoral fellowships, and undergraduate stipends during the past years. The students get their degrees in chemistry. Currently, the institute supports two graduate students, who are working on their advanced degrees.

The institute is located in the Neckers Building, which houses the Department of Chemistry and Biochemistry.

9.2 Mission

The institute carries out basic research in organic chemistry, medicinal chemistry and related interdisciplinary fields. The institute aims to provide education opportunities for undergraduate, graduate, and postdoctoral students in these fields.

9.3 Objectives

The current objectives of the institute are:
Holding biannual symposium to promote SIUC and research
Teaching and supporting students in the institute
Recruiting more students
Seeking external funding
Providing instructional service to the Department of Chemistry and Biochemistry when needed
Carrying out research activities
Communicating results to scientific communities

10. Advisory Board

10.1 Advisory Board - Membership

None

10.2 Number of Meetings (In This Year) None

11. Annual Performance

11.1 Performance Measures *

Measure	Target for Year	Results in Year
1. Initiate new research projects	2	2
2. Teach courses in Chemistry	1	1
3. Filing a patent application	1	0
4. Recruiting graduate students	1	1
5. Publications/conferences	2	1

* Center/institute-defined measures and targets. Depending on the particular center/institute, these may include intellectual contributions (such as publications), grants, public service activities.

11.2 Major Accomplishments (In This Year)

Dr. Yuqing Hou taught Chem 543 in the Department of Chemistry and Biochemistry.
Dr. Yuqing Hou synthesized a fluorescent RNA probe for Dr. Zhihua Du in the Department of Chemistry and Biochemistry. Preliminary results showed that the probe binds to RNA well. The discovery should result in a patent application.
We have collaborated with Dr. Boyd Goodson in the Chemistry Department, working on the research in NMR contrasting agents.
Jack Pertile joined our institute as a MS student.
Sarah Fadhlalmawla finished her research project for MS work.

11.3 Evidence of Support for Illinois Public Agenda, SIU Board of Trustees, and SIU Campus Strategic Planning

Dr. Yuqing Hou became the chair-elect in the American Chemical Society Southern Illinois Section and took over as the chair when the sitting chair resigned due to her relocation.
Dr. Yuqing Hou also volunteered as the Illinois Junior Science Fair judge.

11.4 Evidence of Support for Center/Institute Objectives

The institute has contributed to the Department of Chemistry and Biochemistry by teaching a chemistry course when a faculty member suddenly decided to leave the University. Dr. Yuqing Hou also serves on several graduate students' committees, helping guide the students, writing cumulative exams.
The institute provided financial support for the graduate students carrying out research in the institute.
We have initiated collaborative research with faculty members in chemistry and plant biology. Lihong Gao, a PhD student, has passed her cumulative exams.

11.5 Evidence of Organizational Effectiveness

The institute has been managed by Dr. Yuqing Hou since Dr. Meyers's death, currently directing three graduate students for their research, while also contributing to the department of chemistry and biochemistry. He also manages the account/PCard, and purchases chemicals.

12. Institutional Assessment

12.1 Date of Last Review 2012 _____

12.2 Decision at Last Review X Center/Institute in Good Standing
_____ Center/Institute Flagged for Priority Review
_____ Center/Institute Suspended

12.3 Explanation

RESOURCES: Meyers Institute for Interdisciplinary Research in Organic & Medicinal Chemistry

Financial Resources	FY2015	FY2014	FY2013	FY2012	FY2011
Revenues					
State Appropriations	0				
Income Fund	75000				
Grants & Contracts	0				
Previous year balance	92642.67				
xxx					
xxx					
Total Revenues	167,642.67				
Expenditures*					
Fringe benefits	30596.64				
Contractual service	1034.50				
Salaries	59304.96				
Commodities	5756.49				
Equipment	211.51				
xxx					
Total Expenditures	96904.40				
Revenue Minus Expenditures	70738.27				

* Categorize expenditures in easily understood, consistent categories (e.g., salaries, Graduate Assistant support). Add additional rows as necessary.

Staffing (Full Time Equivalent)	FY2015	FY2014	FY2013	FY2012	FY2011
Faculty					
Staff	1				
Total Staffing					

CENTERS AND INSTITUTES
ANNUAL REPORTING

Report For: July 1, 2015 – June 30, 2016

(IBHE Approved and/or Illinois State Statute Established Only) *

1.	Reporting Institution	Southern Illinois University Carbondale
2.	Center/Institute	Office of Economic & Regional Development (OERD) SIU Research Park
3.	Date	March 6, 2017
4.	Director	Kyle Harfst, Executive Director
4.1	Telephone	(618) 453-3427
4.2	E-mail	harfst@siu.edu
5.	Year Established	1986 (OERD), 2001 (SIU Research Park)
6.	Illinois State Statute (if pertinent)	N/A
7.	Reporting Unit	Office of the Chancellor
8.	Type	Activity (check all that apply)
	Instructional	X
	Research	X
	Public Service	X

* Complete this form for each center and institute established (or that is in the process of being established) through the Illinois Board of Higher Education approval process (23 Illinois Administrative Code 1050) or by specific Illinois state statute. See University Guideline 2.4 for details. This report will be completed by the center or institute after conclusion of the academic/fiscal year.

9. Overview

9.1 Description

The Office of Economic and Regional Development (OERD) is an umbrella organization for economic development activities within the university. This includes the Illinois Small Business Development Center (SBDC) at SIU, International Trade Center, Small Business Incubator (SBI), Saluki Ventures Student Business Incubator, Illinois Manufacturing Excellence Center, Community Development, Center for Delta Studies, Center for Innovation, and Business Innovation & Research.

The SIU Research Park, a separate university-related organization, is also coordinated through this office.

The Illinois Manufacturing Excellence Center (IMEC) is an Illinois non-profit corporation with four higher education partners within the state. SIUC is one of those partners. At present 10 IMEC employees are SIU employees.

9.2 Mission

To establish and support an environment to foster innovation, commercialize university discoveries, and advance entrepreneurship and economic development with SIU and throughout the region.

IMEC Mission: to be a catalyst for transforming the state of manufacturing.

9.3 Objectives

- Create an entrepreneurial culture on campus – encompassing both spatial opportunities and programmatic activities.
- Integrate activities within SIU Research Park with the campus community – ranging from increased traffic, the Saluki Ventures Student Incubator, student learning labs, and technology entrepreneurship.
- Optimize economic development services for the broader community.
- Become an economic development leader in southern Illinois and create a regional focus.

10. Advisory Board

10.1 Advisory Board - Membership

SIU Research Park Board of Directors:

Michael Kearney, Board Chair (Economic Development Director, Ameren Corporation)
Curtis Baird, Vice Chair (CEO, Highline Ideas)
Teresa Katubig, Secretary (CEO, Extra Help, Inc.)
John Dosier, Treasurer (President, First Southern Bank)
Duane Stucky (Senior Vice President and Board Treasurer, SIU)
Bradley Colwell (Interim Chancellor, SIUC)
Susan Ford (Interim Provost and Vice Chancellor, SIUC)
James Garvey (Vice Chancellor for Research, SIUC)
Rex Budde (CEO, Southern Illinois Healthcare)
Curt Jones (Founder, Dippin' Dots Ice Cream)
Angela Povolish (Associate, FMGR Law Firm)
Gary Williams (Manager, City of Carbondale)

SIU Small Business Incubator Tenancy Review Committee:

Eldon Benz (Vice President, DxR Development Group)
Jerry Crouse (Consultant, Regional Economic Development Corporation)
Harold Emling (Partner, Emling & Hoffman CPA Firm)
Sue Endres (CPC, Midwest Medical Management Practice, Inc.)
Terry Clark (Dean, SIU College of Business)
Sharon Reynolds-Haegel (S2K Advertising)
Kyle Harfst (Executive Director, SIU Office of Economic & Regional Development)
Michael Kimmel (City Attorney, Carbondale, Illinois)
Robert Patino (Director of Technology Transfer, SIU)

Small Business Development Center Advisory Committee:

Winslow Chow (El Greco Restaurant)
Karen Binder (Grand River Spirits)
Sue Endres (Midwest Medical Practice Management)
Les O'Dell (Carbondale Chamber of Commerce)
Joe Viscomi (Grepolytix)
Sharon Reynolds-Haegel (S2K Marketing)
Todd Darnstaedt (Today's Technology)
Skyler Graskewicz (Joy Pet Food)
Meriam Lahlou (Little River Research and Design)
Rex Duncan (Champion Community Investments)
Ken Anderson (Thermaquatica)
Tom Harness (Harness TechEd)
Deb Jung (Saffron Histological Services)
Gary Williams (City of Carbondale)
Mary Mechler (Illinois Manufacturing Excellence Center)
Hurley Myers (DxR Development Group)
Rusty Wanstreet (USDA Rural Development)
LouAnne Elwell (Southpass Beads)

Christi Mathis (University Communications)
 Erik Cornett (Natural Med Apothecary)
 Mark Novoa (Ground FX Flooring)

10.2 Number of Meetings (In This Year) SIU Research Park (3), Incubator (2), SBDC (1)

11. Annual Performance

11.1 Performance Measures * (includes: Technology, Innovation, and entrepreneurship Specialty, (TIES))

Measure		Target for Year	Results in Year
1.	Total clients (SBDC/ITC/TIES)	350	494
2.	Total business counseling hours (SBDC/ITC/TIES)	4,812	3,923
3.	Total jobs created – technical assistance (SBDC/ITC/TIES)	243	191
4.	Total jobs retained – technical assistance (SBDC/ITC/TIES)	342	447
5.	Number of business start-ups (SBDC/ITC/TIES)	55	23
6.	Number of business expansions/acquisitions (SBDC/ITC/TIES)	14	14
7.	Number of loans secured for clients (SBDC/ITC/TIES)	25	24
8.	Amount of loans secured (SBDC/ITC/TIES)	\$7,700,000	\$9,612,000
9.	Number of equity-financed projects (SBDC/ITC/TIES)	17	33
10.	Amount of equity secured for clients (SBDC/ITC/TIES)	\$3,850,000	\$5,473,500
11.	Successful I.P. filings awarded (SBDC/ITC/TIES)	5	3
12.	University student projects with regional business (SBDC/ITC/TIES)		5
13.	New Small Business Incubator Tenants		2
14.	Saluki Venture Start-Up activities		

Measure		Target for Year	Results in Year
15.	Companies assisted (IMEC)		578
16.	New and retained sales per project (IMEC)		\$376,289
17.	Cost savings per project (IMEC)		\$109,000
18.	Jobs created and retained (IMEC)		1,925
19.	Aggregate impact (IMEC)		\$331,424,000

* Center/institute-defined measures and targets. Depending on the particular center/institute, these may include intellectual contributions (such as publications), grants, public service activities.

11.2 Major Accomplishments (In This Year)

- Celebrated 15th anniversary of the SIU Research Park.
- Provided 37 training seminars to 629 participants.
- Coordinated 3 international trips connecting regional businesses to potential global buyers and to worldwide trade shows.
- Admitted 3 new companies to the Small Business Incubator program.
- Assisted 11 students with Saluki Ventures Start-up activities.
- Served as the business development interface with the Office of Technology Transfer.
- Provided assistance to southern Illinois High School CEO programs, promoting retention of youth entrepreneurs.
- Re-established Center for Innovation (formerly in the College of Business).
- IMEC merger with Illinois Performance Excellence bringing together two organizations focused on the competitiveness and process optimization of Illinois manufacturers.

11.3 Evidence of Support for Illinois Public Agenda, SIU Board of Trustees, and SIU Campus Strategic Planning

Goal 4 (Illinois Public Agenda) is to better integrate Illinois' educational, research, and innovation assets to meet economic needs of the state and its regions. OERD supports this goal and it is evident through entrepreneurial training, innovation education, its business interface with technology transfer and creating an overall culture of entrepreneurship on campus and in the region.

Two recent designations for SIUC include the announcement by the Carnegie Foundation as a Community Engagement Institution. OERD staff was part of the proposal process and was critical due to its efforts for community outreach. The Association of Public and Land grant Universities designated SIUC as an Innovative and Economic Prosperity Campus. OERD staff was part of the proposal process for the first submission and was critical for the second submission and subsequently the designation. Both designations demonstrate evidence of the university's goal of enhancing our value to and our collaboration with the broader community in our mutual goals or research translation, workforce education and economic development.

11.4 Evidence of Support for Center/Institute Objectives

In this case, the Office of Economic and Regional Development and the Center/Institute are one and the same. An entrepreneurial culture on campus continues to increase. One example is the Forbes rating of entrepreneurial universities in the United States. SIUC is now ranked in the top 30 (#27) of entrepreneurial universities.

Activities are being integrated with the SIU Research Park and central campus. Several examples include the use of student projects with external constituents, the Saluki Innovation Series, the Saluki Entrepreneur Corps, development of the 3-D lab, and the Innovation and Sustainability Hub located in the SIU Student Center.

Staff continues to optimize and re-envision the range of services offered. The increasing use of

RESOURCES: Office of Economic & Regional Development

Financial Resources	FY2016 (1)	FY2015	FY2014	FY2013 (2)	FY2012
Revenues					
State Appropriations	\$489,386	\$543,806	\$548,000	\$688,949	\$764,803
Econ Dev Program Income	65,368	74,000	0	0	0
Grants & Contracts	1,738,361	1,671,000	1,734,000	1,825,985	3,016,901
SBDC Generated Income	1,545	1,207	895	2,870	19,485
Total Revenues	\$2,294,660	\$2,290,013	\$2,282,895	\$2,517,804	\$3,801,189
Expenditures*					
Salaries/Wages & Benefits	\$1,846,574	\$2,153,711	\$2,171,974	\$2,342,133	\$3,521,070
Building Maintenance	1,966	17,763	21,152	54,654	42,169
Internal Roof Loan	12,026	12,026	12,026	12,026	12,026
Contractual	93,044	64,111	78,771	133,769	112,886
Supplies & Commodities	19,503	11,789	13,876	21,029	23,022
Misc.	185,968	12,612	14,439	16,956	21,988
Total Expenditures	\$2,159,081	\$2,272,013	\$2,312,238	\$2,580,567	\$3,733,161
Revenue Minus Expenditures	\$135,579	\$18,011	-\$29,343	-\$62,763	\$68,028

(1) OERD programs encompass three different fiscal years. As a result, estimates were provided based on the State Fiscal Year

(2) During FY 2013 the Center for Rural Health started reporting to the School of Medicine

Staffing (Full Time Equivalent)	FY2016	FY2015	FY2014	FY2013	FY2012
Faculty	0	0	0	0	0
Staff	18	26	28	31	38
Total Staffing	18	26	28	31	38

RESOURCES: SIU Research Park

Financial Resources	FY2016	FY2015	FY2014	FY2013	FY2012
Revenues					
State Appropriations	0	0	0	0	0
Income Fund	0	0	0	0	0
Grants & Contracts	\$235,111	\$289,962	\$325,624	\$309,224	\$282,751
Budget Allocation from SIU	131,648	119,621	79,418	95,981	77,347
Interest Income	649	872	1,361	1,952	931
Total Revenues	\$367,408	\$410,455	\$406,403	\$407,157	\$361,029
Expenditures*					
Budget Expended at SIU	131,648	119,621	79,418	95,981	77,347
Management and General	259,438	264,618	277,660	250,331	268,989
Depreciation	28,457	43,122	43,122	43,122	43,122
Total Expenditures	\$419,543	\$427,361	\$400,200	\$389,434	\$389,458
Revenue Minus Expenditures	-\$52,135	-\$16,906	\$6,203	\$17,723	-\$28,429

Staffing (Full Time Equivalent)	FY2016	FY2015	FY2014	FY2013	FY2012
Faculty	0	0	0	0	0
Staff (4 staff contribute time)	1	1	1	1	1
Total Staffing	1	1	1	1	1

CENTERS AND INSTITUTES
ANNUAL REPORTING

Report For: July 1, 2015 – June 30, 2016

(IBHE Approved and/or Illinois State Statute Established Only) *

1.	Reporting Institution	Southern Illinois University Carbondale						
2.	Center/Institute	The University Museum						
3.	Date	April 10, 2016						
4.	Director	Dona Bachman (now retired); Dean Meera Komaraju (acting director)						
4.1	Telephone	(618) 453-2466						
4.2	E-mail	cola.dean@siu.edu						
5.	Year Established	1874						
6.	Illinois State Statute (if pertinent)	N/A						
7.	Reporting Unit	College of Liberal Arts						
8.	Type	<div style="text-align: center;">Activity (check all that apply)</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Instructional</td> <td style="border: 1px solid black; text-align: center;">X</td> </tr> <tr> <td>Research</td> <td style="border: 1px solid black; text-align: center;">X</td> </tr> <tr> <td>Public Service</td> <td style="border: 1px solid black; text-align: center;">X</td> </tr> </table>	Instructional	X	Research	X	Public Service	X
Instructional	X							
Research	X							
Public Service	X							

* Complete this form for each center and institute established (or that is in the process of being established) through the Illinois Board of Higher Education approval process (23 Illinois Administrative Code 1050) or by specific Illinois state statute. See University Guideline 2.4 for details. This report will be completed by the center or institute after conclusion of the academic/fiscal year.

9. Overview

9.1 Description

The University Museum was founded with the university and opened its doors to the first class of students in 1874. It has served the university and the greater southern Illinois region ever since bringing dynamic exhibitions, programs and research to these two constituencies. As a teaching museum offering an undergraduate Museum Studies minor and a graduate emphasis in the Masters of Public Administration program (in the Department of Political Science), the museum trains students in the art of museology to enhance their majors and to enhance their job hunting. The museum also serves as a resource for southern Illinois museums and historical societies.

9.2 Mission

The University Museum, an educational institution within a larger institution, is committed to serving the Southern Illinois University campus community, the people of Southern Illinois, and visitors to our region. As a steward of southern Illinois history and with an international collection, the museum is a portal to understanding the local and world heritage that has made us who we are. We collect, preserve, research, exhibit, and educate using a diverse and engaging range of artifacts and educational methods on behalf of those we serve. As a teaching museum, we offer hands-on opportunities in progressive museum practices and provide leadership to museums across the region. Using both our own collection and bringing in exhibitions and programs from outside, the museum illuminates the connections between our selves and the arts, humanities and sciences.

Approved by the SIU Board of Trustees on September 12, 2013.

9.3 Objectives

The University Museum of Southern Illinois University Carbondale is recognized locally, nationally and internationally for its innovative educational programming and distinct collections. As we look forward to the future, the University Museum is committed to increasing programs and services to fulfill our mission as a member of the university community.

Our diverse collections, multidisciplinary programs and international perspective allow us to be a regional, national and international leader in education, research and public service. Looking ahead to the next five years, we affirm these vision statements:

- We envision the University Museum becoming a stronger, more student-centered museum offering life-long learning opportunities for our many constituencies.
- We envision the University Museum celebrating the diversity of world cultures through exhibits and programming highlighting the arts and humanities collections of the Museum and through the presentation of traveling exhibitions and programs.
- We envision the University Museum fostering pride in Southern Illinois University by showcasing the creativity and scholarship of the faculty and students, both past and current.

- We envision the University Museum serving as a force in the educational and cultural development of southern Illinois by serving schools, organizations and the public with informative and innovative exhibitions and programs.
- We envision the University Museum using increased technology to better present our world to an ever more sophisticated audience.
- We envision the University Museum becoming a more welcoming museum with inviting facilities, more amenable areas for learning and gathering, and convenient parking.
- We envision the University Museum serving as a model of museum professionalism in exhibitions, educational programming, and care of our collections.
- We envision the University Museum nurturing the development of southern Illinois museums, historical societies and cultural institutions across southern Illinois by sharing the expertise of the staff, the collections, and the facilities of the University Museum.

10. Advisory Board

10.1 Advisory Board - Membership

The SIU Board of Trustees are the primary advisory board. An informal group of Museum Patrons serve as a sounding board. There are currently 50 Patrons who regularly give \$100.

10.2 Number of Meetings (In This Year) 4

11. Annual Performance

11.1 Performance Measures *

Measure	Target for Year	Results in Year
1. Exhibitions showcasing SIU student/faculty work	Minimum of 10	12
2. Exhibitions/Programs showcasing southern Illinois school children and citizens	Minimum of 2	2
3. Providing assistance to regional museums	Minimum of 1	3
4. Exhibitions featuring alumni	Minimum of 1	1
5. Teaching Museum Studies courses	Minimum of 4	6

* Center/institute-defined measures and targets. Depending on the particular center/institute, these may include intellectual contributions (such as publications), grants, public service activities.

11.2 Major Accomplishments (In This Year)

- Organize annual Arts Education Festival for 1,506 southern Illinois students. Received funding of \$4,925 from donors.

- The Museum served as a venue for the 38th annual Big Muddy Film Festival.
- Museum's Office Suite on 2nd Floor of Faner (Room 2468+) renovation.
- Security Alarm Corps updates South Hall alarm system (North Hall was recently done). Two keypads are put in so that staff can alarm Museum from back door (into Workshop) or front door (into Faner Lobby). All Museum locks that took 96 CC1A & B keys were re-cored 6/21/2016 except the Auditorium and any old padlocks that are still around. The Educator's Room (2466) and the GA-Fiscal Room (2467) were upgraded to take 96 CC1LA. The doors that now take the new key, 96 CC2A are 1420 (double doors from Hall of Art into back); 1421 (double doors into Workshop from 1422), 1423 (Staging from Workshop), 2438 (Graphics), 2438A (GA office), 2464 (Library/Conference Room's inner and outer hallway doors), 2469 (Administrative Suite), 2470 (Mail Room/Copier Room). 30 copies of the new key (CC2A) were issued to the Museum (under Susannah Munson's name).
- Museum Patron Rachel Gordon Fischhoff creates an annual \$1,000 "Faculty Curatorial Fellowship" program to involve faculty more closely in developing Museum exhibits and to do research in the Museum's collection.
- Museum co-sponsored Native American Heritage Month.

11.3 Evidence of Support for Illinois Public Agenda, SIU Board of Trustees, and SIU Campus Strategic Planning

Community outreach is a core value of the University Museum as is serving our students.

- Public Reception for new Spring Semester exhibits
- Opening Reception for Africana Film Series
- Public Reception for Photo Collection Exhibit & Zeigler-Royalton HS Students
- Private Reception for George & Renee Mavigliano's 50th Wedding Anniversary
- Public Reception for Fall Exhibits
- Public Reception for 9th annual SIMS (Southern Illinois Metalsmiths Society) Form, Fabricate, Forge exhibition
- Public Reception for MFA Preview Exhibition

11.4 Evidence of Support for Center/Institute Objectives

We continue to be involved in serving the university. The staff is regularly asked to serve on university committees, help select university staff, and provide exhibitions for various departments and activities across campus.

11.5 Evidence of Organizational Effectiveness

The museum has increasingly brought in outstanding exhibitions.

12. Institutional Assessment

12.1 Date of Last Review 2016

12.2 Decision at Last Review Center/Institute in Good Standing
 X Center/Institute Flagged for Priority Review
 Center/Institute Suspended

12.3 Explanation The University Museum's re-accreditation by its professional, nation association (American Alliance of Museums) occurred throughout the 2016 calendar year. Its ruling will be rendered in 2017.

RESOURCES: University Museum

Financial Resources	FY2016	FY2015	FY2014	FY2013	FY2012	FY2011
Revenues	320,688	415,386	698,173	693,691	466,447	474,924
State Appropriations						
Income Fund						
Grants & Contracts						
Local Accounts						
Foundation Accounts						
xxx						
Total Revenues						
Expenditures*	322,070	458,831	571,660	437,129	438,843	454,593
xxx						
xxx						
xxx						
xxx						
xxx						
xxx						
Total Expenditures						
Revenue Minus Expenditures	(1,382)	(43,445)	126,482*	256,662*	27,604	20,331

+large overages were due to continuing (multi Year) grants .

* Categorize expenditures in easily understood, consistent categories (e.g., salaries, Graduate Assistant support). Add additional rows as necessary.

Staffing (Full Time Equivalent)	FY2016	FY2015	FY2014	FY2013	FY2012	FY2011
Faculty	0	0	0	0	0	0
Staff - who nevertheless taught	4 plus about 20 part time	4 plus about 20 part time	5 plus about 20 part time	5 plus about 20 part time	5 plus about 20 part time	5plus about 20 part time student workers

Staffing (Full Time Equivalent)	FY2016	FY2015	FY2014	FY2013	FY2012	FY2011
	student workers	student workers	student workers	student workers	student workers	
Total Staffing	4	4	5	5	5	5

CENTERS AND INSTITUTES
ANNUAL REPORTING

Report For: July 1, 2015 – June 30, 2016

(IBHE Approved and/or Illinois State Statute Established Only) *

1.	Reporting Institution	Southern Illinois University Edwardsville
2.	Center/Institute	Center for STEM Research, Education, and Outreach
3.	Date	February 9, 2017
4.	Director	Sharon Locke
4.1	Telephone	618-650-3452
4.2	E-mail	slocke@siue.edu
5.	Year Established	2012
6.	Illinois State Statute (if pertinent)	N/A
7.	Reporting Unit	School of Graduate Studies and Research
8.	Type	Activity (check all that apply)
	Instructional	x
	Research	x
	Public Service	x

* Complete this form for each center and institute established (or that is in the process of being established) through the Illinois Board of Higher Education approval process (23 Illinois Administrative Code 1050) or by specific Illinois state statute. See University Guideline 2.4 for details. This report will be completed by the center or institute after conclusion of the academic/fiscal year.

9. Overview

9.1 Description

The STEM center provides centralized leadership and support for STEM education activities. Programs span from formal to informal education to public outreach, and bridge real-world and on-line communities. The center brings together practitioners and researchers from a broad range of disciplines to achieve its goals of improving STEM (science, technology, engineering, and mathematics) understanding and achievement in K-12 and higher education, as well as advancing scientific research in select fields.

9.2 Mission

The STEM center at SIUE is dedicated to building a community of researchers and educators who together innovate ways to engage students and the public in STEM.

9.3 Objectives

1. Build and support interdisciplinary teams of SIUE faculty to conduct STEM education projects and seek and secure external and internal funding.
2. Provide access to equipment, facilities, and expertise from STEM education research to SIUE faculty and students and the broader community.
3. Facilitate and promote innovations in SIUE undergraduate and graduate STEM teaching.
4. Enhance teaching and learning of STEM for pre-service and in-service teachers.
5. Develop, enhance, coordinate, and promote new and existing STEM-related outreach in the southern Illinois region to enhance STEM literacy.
6. Develop and maintain a comprehensive STEM resource and equipment center for in-service and pre-service teachers, SIUE faculty, and other local stakeholders.

10. Advisory Board

10.1 Advisory Board - Membership

Internal Advisory Group:

Connie Barber, Assistant Professor, Computer Management and Information Systems
Lynn Bartels, Professor, Department of Psychology; Faculty Development Director
Janet Holt, Executive Director, Illinois Education Research Council
Kelly Jo Karnes, Director, Kimmel Student Involvement Center
Jessica Krim, Associate Professor, Department of Curriculum and Instruction
Gary Mayer, Assistant Professor, Computer Science
Terri Poirier, Associate Dean for Education and Academics, School of Pharmacy
Ann Popkess, Chair, Department of Family Health and Community Health Nursing
Barb Nwacha, Chair, Department of Art and Design
Bill Retzlaff, Associate Dean, College of Arts and Sciences

External Advisory Group:

Linda Chapman, Vice President of Academic Affairs, Lewis and Clark Community College
Gary Nieber, Executive Director, Edwardsville YMCA
Stephanie Spann, Structural Engineer, David Mason and Associates
Marvin Warner, Director, School Improvement Services, Madison County ROE
Kathy Wilson, Executive Director, Boys and Girls Club
Tom Withee, Physics Teacher, Collinsville High School

10.2 Number of Meetings (In This Year) One Internal and One External

11. Annual Performance

11.1 Performance Measures *

Measure		Target for Year	Results in Year
1.	Develop and refine a research strategic plan	2 planning meetings	Completed
2.	Develop a STEM reading group for SIUE faculty and staff	20 meetings	Completed
3.	Issue RFP for Faculty Fellow in undergraduate education	1 awarded	2 awarded
4.	Develop grant proposals	Submit 10	20 submitted
5.	Submit articles for publication	Submit 3	2 submitted
6.	Present findings at conferences	Attend 3	Completed
7.	Research Staffing	Hire 3 graduate students	Completed
8.	Map EUE and STEP program related to STEM	Look at purpose, target audience and outcomes. Recommend for research and partnerships	Decided not to pursue
9.	Promote lending library	Faculty: 150 visits Public: 400 visits Student: 500 visits	Faculty: No Public: Yes Students: Yes
10.	Hold annual open house	1 event	Held Nov 9, 2016
11.	Expand professional development offerings	Present 2 new programs impacting 30 teachers	Presented 6 new programs impacting 98 teachers
12.	Develop formalized community partnerships	3 contracts or MOUs in place totaling \$20,000	Completed
13.	Coordinate outreach activities	Impact 700 K-12 and members of the public and 100 faculty and students as volunteers	Completed
14.	Attend STEM organization meetings	2 regional and national meetings as allowed by funding	Completed
15.	Pursue joint research projects	Develop contact through social networking and Graduate School speed networking events	Completed
16.	Market STEM resources to faculty	Attend departmental meetings	Completed
17.	Internal advisory board	2 meetings	1 meeting (Oct 21)

Measure	Target for Year	Results in Year
18. Develop affiliate system for faculty	Program details completed Spring 2016	Completed
19. Develop external advisory board	Recruit members and meet in Spring 2016	Held May 25, 2016
20. Staff member to teach Science 241 course	1 section	Completed

* Center/institute-defined measures and targets. Depending on the particular center/institute, these may include intellectual contributions (such as publications), grants, public service activities.

11.2 Major Accomplishments (In This Year)

<p>STEM center faculty and staff served as principal investigator (PI) or co-PI on \$2,862,119 in FY16 grant submissions.</p> <p>The STEM center was awarded a \$2,158,591 grant from NASA for the project CosmoQuest: A Virtual Research Facility.</p> <p>The STEM center was awarded a \$299,546 grant from the National Science Foundation's Improving Undergraduate STEM Education program for the project EarthCaching for PreService Teachers.</p> <p>The STEM center led the Noyce Summer 2016 Internship program. Fourteen undergraduates from SIUE received paid internships to work at SIUE summer camps and Edwardsville School District Summer Zone, Watershed Nature Center (Edwardsville), St. Louis Science Center, Adler Planetarium (Chicago), and The Field Museum (Chicago).</p> <p>Dr. Sharon Locke co-led a session at the national meeting of university-based STEM center directors on "STEM Center Faculty Fellows Programs."</p> <p>The resource center served 505 SIUE student-visits, 98 faculty-visits, and 400 external educator-visits. These visits impacted 4,500 students at SIUE and 33,200 preK-12 students and adult learners. Additionally, 650 grade 2-12 students participated in one of the structured outreach activities we host (Science Odyssey Camp, Science Olympiad, and Science and Engineering Research Challenge).</p>
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11.3 Evidence of Support for Illinois Public Agenda, SIU Board of Trustees, and SIU Campus Strategic Planning

<p>Support for SIUE Strategic Plan</p> <ol style="list-style-type: none"> 1. Prepared and Committed Students: The center provides work experiences in STEM for undergraduate and graduate students, and in collaboration with academic departments provides undergraduate scholarships through the NSF Noyce programs. Financial support through scholarships and internships increases the likelihood of retention and graduation of STEM students. 2. Innovative High-Quality Programs: The center consults with SIUE faculty to improve their teaching, and provides instructional support for science content courses for pre-service teachers. The STEM Faculty Fellows Program enables faculty to improve undergraduate education at SIUE by testing innovative approaches to instruction, which in turn helps improve retention. Through Noyce summer intern experiences, undergraduates have the opportunity to gain work experience while in college. 3. Dedicated Faculty and Staff: The center collaborates with and supports faculty members on grant applications and promotes interdisciplinary research projects, which are a priority for federal funding agencies. The center serves as a partner for broader impacts
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work required for National Science Foundation proposals, increasing competitiveness of proposals submitted by science and engineering faculty. We also present and publish research in collaboration with faculty and connect faculty with opportunities for community engagement with schools, youth organizations, and the general public.

4. Outreach and Partnerships: The center is a leading K-12 outreach organization on campus. In addition to youth programs, we provide teacher professional development and equipment loans through the Resource Center. Noyce interns conduct outreach in supervised settings in the community with multiple partners in both the private and non-profit sectors. The CosmoQuest project has developed an on-line community for citizen science for NASA mission data analysis.
5. Physical and Financial Stability: The center has a high return on investment from grant and fee-based programs relative to state support of center staff. Grants provide indirect cost recovery for SIUE. Fee-based programs partially support a center staff member, who in turn provides instructional support services to SIUE faculty and students. Central coordination and promotion of materials for loan reduces costs to academic departments.

Support for IBHE State Goals

1. Increase educational attainment: The center is directly addressing the STEM workforce pipeline in Illinois by providing instructional supports to improve student outcomes at both the K-12 and undergraduate levels. We improve academic preparation and increase motivation in STEM so that Illinois students successfully transition from high school to higher education, and into careers.
2. Improve college affordability: Center programs provide scholarships, internships, and graduate assistantships through grant awards. Center Director Locke was a lead writer for the NSF Noyce grants, which will provide \$1.2 million in funds deposited directly into SIUE Bursar accounts for student scholarships.
3. Strengthen workforce development: The center has a strong focus on supporting evidence-based, hands-on training for future science and math teachers. Our work, in partnership with the School of Education, Health, and Human Behavior and College of Arts and Sciences, increases the number of highly qualified teachers in Illinois, with a particular focus on preparing teachers who will be successful in high-needs school districts.
4. Link research and innovation to economic growth: Involvement of STEM center faculty and staff in scientific and engineering research proposals increases SIUE's competitiveness for national funding in basic and applied research that fuels new discoveries with commercialization potential. Outreach and evaluation sections written by center faculty and staff consistently received positive reviews.

11.4 Evidence of Support for Center/Institute Objectives

A primary objective is to facilitate interdisciplinary grant applications (Objective 1). We use our experience to strengthen grant applications and pursue a range of research project types and topics. In FY16 we partnered with 15 other departments/units for submission of \$5 million in proposals, demonstrating the center's broad reach across the institution:

NSF Improving Undergraduate STEM Education (awarded)	Physics / Geography	\$ 299,546
NSF STEM +C	Computer Science / Illinois Education Research Center	\$ 1,013,068
NSF CMMI	Electrical Engineering / Computer Science	\$ 753,099
NSF Sensors, Dynamics, & Controls	Electrical Engineering / Computer Science	\$ 3,139
NSF Cyber-Physical Systems	Electrical Engineering /	\$ 23,370

	Computer Science	
NSF FCOI	Chemistry	\$ 14,914
NSF Improving Undergraduate STEM Education	Biological Sciences / NCERC	\$ 299,223
NSF ITEST	East St Louis Center	\$ 1,199,632
NSF	Math & Statistics	
SIGCSE	Graduate School	\$ 5,000
HHMI Pre-Proposal	Provost / Enrollment / College of Arts and Sciences	-
NSF	Chemistry / Pharmacy	\$ 494,424
NSF STEM +C	East St Louis Center / Computer Science	\$ 900,000
Council of Graduate Schools	Graduate School	\$ 20,000

Additionally, we submitted five center-only proposals totaling \$2.3 million:

University of Arizona (awarded)	\$ 17,346
NASA Education & Public Outreach Cooperative Agreement (awarded)	\$ 2,128,591
NASA ROSES CADET (awarded)	\$ 107,431
Two Degrees Evaluation (awarded)	\$ 4,370
NSF (Subaward from Washington University of St. Louis)	\$ 61,587

11.5 Evidence of Organizational Effectiveness

Organizational Effectiveness in achieving predetermined goals

As shown in Section 11.1, we met or exceeded targets for 18 of our 20 measures. We nearly doubled our target for grant proposal submission as PI or partner (19 submissions). We held one internal advisory meeting instead of two because we added an external advisory group, which met in spring 2016.

Public Service and Instruction

--The resource center reached 4,500 SIUE students and over 30,000 other local students with loans of materials to enhance classroom learning. Research has shown that hands-on learning, such as that enabled by our resource center materials, has positive impacts on STEM interest, learning, and career choices.

---Center staff taught credit-bearing undergraduate courses in the departments of Geography and Anthropology.

--The center provided 100 area educators with professional development on inquiry-based instruction and the Next Generation Science Standards.

Research & Grant Applications

The center received \$2,679,757 in external funding (as principal investigator) from NSF, NASA, the University of Arizona, and a non-profit contract.

The center continues to present and publish findings from its research and education projects in order to enhance the regional and national reputation of the SIU system.

Year	# Publications	# Presentations	FTE Faculty
FY16	21	21	2.2
FY15	7	31	2.7
FY14	18	20	2.8

12. Institutional Assessment

12.1 Date of Last Review N/A

12.2 Decision at Last Review _____ Center/Institute in Good Standing
 _____ Center/Institute Flagged for Priority Review
 _____ Center/Institute Suspended

12.3 Explanation _____

RESOURCES: Center for STEM Research, Education, and Outreach

Financial Resources	FY2016	FY2015	FY2014	FY2013	FY2012
Revenues					
State Appropriations	213,655	253,000	257,000	255,000	249,000
Course Specific Fees	5,125	5,000	5,825	5,250	5,125
Salary Transfer	15,225	15,225	25,720	-	-
Non Recurring Funds	-	-	-	64,381	17,893
Income Fund	50,480	53,239	41,582	24,436	73,960
Grants & Contracts	2,397,184	642,082	526,500	479,655	509,673
ICR	49,505	85,665	80,584	158,715	82,877
Foundation	22,014	72,171	71,143	55,874	16,598
Total Revenues	2,753,198	1,126,382	1,008,354	1,043,311	955,126
Expenditures*					
Salaries	379,853	445,753	518,110	746,351	368,612
Grant Collaborators	39,905	15,995	25,386	52,734	51,233
Faculty Fellow	8,655	-	-	-	27,931
Graduate Students	42,677	41,256	18,069	30,722	32,560
Student Interns	26,304	24,000	5,000	-	-
Student Wages	11,393	12,610	7,029	13,822	19,707
Travel	17,498	23,951	39,615	45,331	43,276
Equipment	8,053	4,268	16,973	82,321	37,399
Commodities	15,088	18,943	15,894	51,925	64,652
Contractual Services	247,677	136,450	102,561	80,964	82,477
Awards	41,222	19,600	1,590	65,590	95,290
Scholarships	148,747	172,500	57,500	-	-
Automotive	112	817	811	758	1,515
Telecommunications	4,750	4,334	4,906	5,157	4,384
Benefits	85,658	60,840	96,296	84,103	39,763
Non-mandatory Transfers	-	-	19,775	-	-
Total Expenditures	1,077,592	981,317	929,516	989,778	686,801
Revenue Minus Expenditures#	1,675,606	145,065	78,838	53,533	86,325

* Categorize expenditures in easily understood, consistent categories (e.g., salaries, Graduate Assistant support). Add additional rows as necessary.

In the budget summary the Grants & Contracts revenue line is calculated using the *budgeted* project funds (direct costs) for a given year, which do not always align with actual project expenditures in that year. Year 1 expenditures may be less than expected or be recorded during the next fiscal year. This was the case for FY16, resulting in the appearance of a large net revenue.

Staffing (Full Time Equivalent)	FY2016	FY2015	FY2014	FY2013	FY2012
Tenured/Tenure Track Faculty	1	1	1	1	1
Research Faculty	2	1.7	1.8	2	2
Staff	5	4	5	4	4
Total Staffing	8	6.7	7.8	7	7

*Figures do not include faculty fellows, grant collaborators, graduate students or civil service extra help positions.

CENTERS AND INSTITUTES
ANNUAL REPORTING

Report For: July 1, 2015 – June 30, 2016

(IBHE Approved and/or Illinois State Statute Established Only) *

1.	Reporting Institution	Southern Illinois University Edwardsville (SIUE)
2.	Center/Institute	East St. Louis Center
3.	Date	January 25, 2017
4.	Director	Jesse Dixon
4.1	Telephone	618-482-8326
4.2	E-mail	jessdix@siue.edu
5.	Year Established	1966
6.	Illinois State Statute (if pertinent)	N/A
7.	Reporting Unit	SIUE East St. Louis Center
8.	Type	Activity (check all that apply)
	Instructional	X
	Research	X
	Public Service	X

* Complete this form for each center and institute established (or that is in the process of being established) through the Illinois Board of Higher Education approval process (23 Illinois Administrative Code 1050) or by specific Illinois state statute. See University Guideline 2.4 for details. This report will be completed by the center or institute after conclusion of the academic/fiscal year.

9. Overview

9.1 Description

The SIUE East St. Louis Center has supported youth, adults and families in the Metro East Community for more than 50 years through programs including Head Start and Early Head Start, the SIUE Charter High School, Upward Bound programs, Project Success and Performing Arts. The SIUE We Care Clinic is a nurse-managed primary care clinic that serves the community and the SIUE Dental Clinic offers comprehensive dental services for both children and adults.

9.2 Mission

With a focus on empowering people and strengthening communities, the SIUE East St. Louis Center is dedicated to improving the lives of families and individuals - from pre-school through adult - in the Metro East, through programs that offer the community renewed hope and an opportunity to reach educational, career and life goals.

9.3 Objectives

We inspire individuals and families and help them lead successful and healthy lives. We provide care for young children. We help teens prepare for college. We help young adults build skills that lead to success in college and better jobs. We offer high-quality, affordable health care. Located just 20 miles south of the SIU Edwardsville campus, the East St. Louis Center connects the community with the research, faculty, students and credibility that a nationally recognized university brings.

10. Advisory Board

10.1 Advisory Board - Membership

Currently transitioning to two advisory boards: a Community Advisory Board and a program and Strategy Advisory Board. The Community Advisory Board has been defunct since 2013 and is in the process of being re-established for Fall 2016. The Strategy Advisory Board met for the first time in Fall 2015 and consists of the following individuals:
Diana Bourisaw, Learning Curve Advisors
Chet Cantrell, Christian Activity Center
Maxine Clark, Clark-Fox Foundation
Wray Clay, United Way of Greater St. Louis
Dave Hilliard, Wyman Center
Bill Kent, Youth Learning Center
Evan Krauss, United Way of Greater St. Louis
Sharon Locke, SIUE STEM Center
Sydney Stigge-Kaufman, East St. Louis School District 189
Steve Zwolak, Lume Institute

10.2 Number of Meetings (In This Year) 2

11. Annual Performance

11.1 Performance Measures *

Measure	Target for Year	Results in Year
1. Maintain compliance for existing grants	100%	100%
2. Increase the number of students being served	10%	12%
3. Improve the quality across existing programs (separate measures for each program)	7 of 7 programs meet their program-specific goals	7 of 7 programs met their program-specific goals
4. Increase grants awarded to SIUE East St. Louis Center	Receive 9 of 14 new grants (worth \$3.2 million)	5 of 14 grants received (total \$84k)
5. Increase SIUE East St. Louis Center presence as a leader in the East St. Louis community	Increase involvement in community coalitions	Significantly increased community presence (East Side Aligned, Youth Coordinating Council, etc.)

* Center/institute-defined measures and targets. Depending on the particular center/institute, these may include intellectual contributions (such as publications), grants, public service activities.

11.2 Major Accomplishments (In This Year)

<p>Programs:</p> <p>Head Start/Early Head Start – served 1,451 families</p> <ul style="list-style-type: none"> - 80% of Head Start participants mastered 5 of 6 standards on Teaching Strategies Gold across all age groups; with 4 year olds mastering 6 of 6 standards. By year’s end, 95% of 4-year-olds met standards in the “Literacy” and “Cognitive” domains. - Head Start Centers continued to be designated with the Gold Circle of Quality Rating from the Excelerate Illinois statewide quality rating and improvement system. SIUE’s are the only early childhood centers in the state to receive the honor. Gold Circle of Quality programs have met the highest quality standards in three areas: learning environment and teaching quality; administrative standards; and staff training and education - Longitudinal study of Head Start students’ academic outcomes upon entering East St. Louis School District 189 concluded that on average over the last four years, SIUE Head Start students enter kindergarten above proficiency on nationally-normed math and reading assessments (Goshen Education Consulting) <p>Upward Bound – served 285 students</p> <ul style="list-style-type: none"> - 100% high school graduation rate - 92% accepted into 2- or 4-year colleges <p>Performing Arts – served 100 students</p> <ul style="list-style-type: none"> - The East St. Louis Center for the Performing Arts Summer Camp was re-launched in Summer 2015 and was highly successful with 92% average daily attendance and an end-of-program performance with more than 300 community members in attendance <p>Kindergarten Readiness</p> <ul style="list-style-type: none"> - In Summer 2016, the SIUE East St. Louis Center piloted its first “Kindergarten Readiness Camp” targeting incoming kindergarten students with no formal early childhood experience with highly engaging classroom experiences designed to help them be more successful the first day of kindergarten. This pilot was funded by the Dana Brown Charitable Trust to serve 30 students, but funding was secured from the Boeing Company to serve 60 students for Summer 2017.

- In Spring 2016, the SIUE East St. Louis Center began coordinating workforce development opportunities for Head Start parents. This began in partnership with SWIC, Lewis and Clark, NCERC, Phillips 66, St. Clair County Office of Intergovernmental Grants, Leadership Council Southwest Illinois, and the Mid-America Workforce Investment Board.
- Community Leadership
- SIUE East St. Louis Center serves on the East Side Aligned Alignment Council and Executive Committee (this is a collective impact initiative with participation from over 40 organizations and businesses in the region including Boeing, the US Attorney’s Office, the United Way, Washington University in St. Louis, etc.). SIUE East St. Louis Center staff served as chair on the Data and Evaluation Committee
 - SIUE East St. Louis Center served as Chair to the Greater East St. Louis Youth Coordinating Council consisting of leaders from all after-school providers in the region. Leaders attend monthly meetings and were responsible for receiving \$2.1 million in new grant funding for the community as well as coordinating the City’s response to the 2015 East St. Louis teachers strike

11.3 Evidence of Support for State, SIU System, and SIU Campus Priorities

Based on SIUE’s Strategic Plan, the SIUE East St. Louis Center’s activities directly support the following Goals:

Long-Term Goal 5: Outreach and Partnerships
 All programs “effect positive change in the region” together by serving more than 2,000 students and families daily with high-quality educational programming in the Greater East St. Louis community.

Long-Term Goal 6: Physical and Financial Sustainability
 Generate more than \$14 million annually in grant funding - \$500,000 in indirect cost revenue goes directly to main campus services.

11.4 Evidence of Support for Center/Institute Objectives

Annual reports for each program provides more detail on how these objectives get met.

11.5 Evidence of Organizational Effectiveness

Full compliance and successful reapplication for all programs

12. Institutional Assessment

12.1 Date of Last Review _____

12.2 Decision at Last Review _____ Center/Institute in Good Standing
 _____ Center/Institute Flagged for Priority Review
 _____ Center/Institute Suspended

12.3 Explanation _____

RESOURCES: SIUE East St. Louis Center

See attached Excel file

* Categorize expenditures in easily understood, consistent categories (e.g., salaries, Graduate Assistant support). Add additional rows as necessary.

RESOURCES: ~~SIUE~~ East St. Louis Center

	FY2016	FY2015	FY2014	FY2013	FY2012
Financial Resources					
Revenues					
State Appropriations	814,258	942,180	752,010	1,091,392	1,279,000
Income Fund	309,370	242,918	154,117	335,352	264,542
Grants & Contracts					
Head Start/Early Program	11,245,264	8,307,529	12,558,176	11,444,732	10,876,696
Latchkey Program	-	14,211	14,374	31,292	46,067
Project Success/East St. Louis	259,259	265,817	258,747	253,673	281,894
Upward Bound (BEV)	311,492	311,492	295,201	311,492	311,492
Upward Bound (EC)	576,522	576,522	546,370	576,522	576,522
Upward Bound Math and Science Center	250,000	250,000	236,925	250,000	250,000
Child & Adult Food Care Program	574,111	560,872	571,467	574,298	575,555
National School Lunch Program	37,496	47,113	51,631	43,850	27,524
Summer Food Service Program	16,154	16,154	3,515	6,261	11,602
Total Revenues	14,393,927	11,534,808	15,442,534	14,918,862	14,500,894
Expenditures*					
Misc**	35,801	34,286	338,522	86,311	49,003
Salaries	6,280,293	4,889,286	7,027,243	5,925,952	6,325,696
Fringes	3,434,385	2,574,574	3,395,793	3,679,132	3,319,438
Travel	21,785	48,314	60,471	56,975	38,201
Equipment	161,909	121,825	369,645	37,869	140,119
Commodities	280,166	195,552	216,092	251,360	131,604
Contractual Services	2,482,433	3,013,297	3,243,183	4,070,153	2,961,988
Operation of Auto	61,657	83,336	118,943	88,382	119,343
Telecommunication	144,709	83,838	114,147	94,834	141,112
Indirect Cost	914,380	678,661	947,764	891,501	823,854
Total Expenditures	13,817,517	11,722,968	15,831,803	15,182,468	14,050,358
Revenue Minus Expenditures	576,410	(188,160)	(389,269)	(263,606)	450,536
* Categorize expenditures in easily understood, consistent categories (e.g., salaries, Graduate Assistant support). Add additional rows as necessary.					
* Expenditures include stipends (TRIO); repair to Cahokia parking lot; and transfer funds to cover the Head Start fringe rate change that was not budgeted on grant.					
Staffing (Full Time Equivalent)					
Faculty (summer teaching for TRIO programs)	1	1	1	1	1
Staff	246	244	236	206	
Total Staffing	247	245	237	207	

CENTERS AND INSTITUTES
ANNUAL REPORTING

Report For: July 1, 2015 – June 30, 2016

(IBHE Approved and/or Illinois State Statute Established Only) *

1.	Reporting Institution	SIUE
2.	Center/Institute	Environmental Resources Training Center
3.	Date	Feb. 1, 2017
4.	Director	Paul W. Shetley
4.1	Telephone	618-650-2030
4.2	E-mail	pshetle@siue.edu
5.	Year Established	1967
6.	Illinois State Statute (if pertinent)	Ill. Rev. Stat., Ch. 144, Sec. 691, et seq
7.	Reporting Unit	School of Engineering
8.	Type	Activity (check all that apply)
	Instructional	
	Research	
	Public Service	X

* Complete this form for each center and institute established (or that is in the process of being established) through the Illinois Board of Higher Education approval process (23 Illinois Administrative Code 1050) or by specific Illinois state statute. See University Guideline 2.4 for details. This report will be completed by the center or institute after conclusion of the academic/fiscal year.

9. Overview

9.1 Description

ERTC is the state of Illinois' training center for water treatment technology. The center educates pre-service students enrolled in the one-year *Water Quality Control Operations Program*, who wish to enter the water industry. The center also provides continuing education at ERTC and throughout the state, for working operators who are required to obtain CEUs or wish to advance their professional certification.

9.2 Mission

The ERTC Mission is to provide quality education in water treatment technology to the people of the state of Illinois. ERTC conveys the knowledge and skills to the drinking water supply operators to ensure that the citizens of Illinois receive safe reliable drinking water. ERTC also conveys the knowledge and skill to the water reclamation plant operator to ensure that the effluent water is of the highest quality and will not degrade quality of our nation's water.

9.3 Objectives

Provide a comprehensive one-year training program in *Water Quality Control Operations Program* for pre-service students.

Provide continuing education for in-service students.

Ensure the availability of continuing education to all operators throughout Illinois and Missouri.

Produce up-to-date training manuals for the water quality industry.

Develop on-line courses to disseminate the knowledge and skills needed in the water treatment industry to operators and the general public.

Continue to provide state-wide training for the mandated Cross Connection Control Device Inspection (CCCDI) program. By Illinois statute, ERTC is the only institution that can provide the required training for CCCDI. (Title 35, Subpart F, Chapter II, Part 653.802 para. F, sub para. 2.) (Nov. 1, 1985)

10. Advisory Board

10.1 Advisory Board - Membership

1.	Jim Zhou Professor of Environmental Engineering School of Engineering, SIUE
2.	Position Open – Incumbent Retired
3.	Martin Reynolds Public Works Director (Ret.)
4.	Tim Albers Environmental Scientist, American Water Co.
5.	Patti Schaake Senior Water Operator, Edwardsville, IL
6.	Susan Czerwinski Dean of Math, Science & Technology, L & C Comm. College
7.	Penny Pinkerstaff Public Works Director, Lebanon, IL
8.	Becca Coyle Division Manager, Metropolitan Sewer District, St. Louis, MO
9.	Joe Hogg Plant Manager, Caseyville Twp. Wastewater Plant

10.2 Number of Meetings (In This Year) 1

11. Annual Performance

11.1 Performance Measures *

Measure	Target for Year	Results in Year
1. Maintain Fall enrollment in one-year program between 20 and 30 students.	20 to 30 Students	35
2. Maintain a pass rate of greater than 80% on the state certification exams.	>80%	87-93%
3. Increase job placement for graduates	>80%	72%

11.2 Major Accomplishments (In This Year)

The ERTC fought two major battles during the year.

1st) During this year the US Dept. of Education notified the university that ERTC students would no longer be eligible for Title IV Federal Aid. The DoEd actions were a serious threat to the enrollment of students and subsequently the financial stability of the center. The SIUE Financial Aid Dept. was able to find alternative loans for ERTC students in the form of private student loans from university-certified lenders. The staff worked hard at recruitment to help reduce the impact of DoEd's actions.

2nd) At the same time the Governor's office had frozen the center's appropriations of pass-through funding from the US EPA. ERTC was trapped in a "perfect storm" of catastrophes that

threatened its very existence. After a battle of several months, the US EPA funds were finally released to the training center.

Through perseverance and hard work from the staff, ERTC emerged from the two major battles a bit battered but still financially viable. (The Fall of 2016 enrollment in the one-year program was above our goal with 32 students.)

11.3 Evidence of Support for State, SIU System, and SIU Campus Priorities

ERTC is the training center for the state of Illinois for water treatment technology. ERTC trains the people who ensure that the citizens of Illinois have safe, reliable drinking water. Water and wastewater operators save more lives than medical doctors.

The continuing water quality problems in Flint, Michigan, and other cities demonstrate the value of safe drinking water and the role that well trained operators have in the delivery of safe, reliable water to the residents of our communities. ERTC produces competent, well trained, state-certified water and wastewater treatment operators ready to enter the workforce.

ERTC provides support to Illinois state agencies such as the Illinois EPA and the Department of Health.

ERTC supports, participates, and assists in the development of the annual conferences of the Illinois Water Environment Association (IWEA), Illinois Potable Water System Operators Association (IPWSOA), and the Illinois Association of Water Pollution Control Operators (IAWPCO).

The ERTC Director of Water Reclamation Operations is the official Operator-in-Charge (OIC) for the SIUE wastewater treatment plant. The OIC is an IEPA-required position of responsibility.

A major component of the university's commitment to sustainability, ERTC maintains their array of 144 solar panels installed on the roof of the facility. The solar panels save the university \$3,000 to \$5,000 per year.

11.4 Evidence of Support for Center/Institute Objectives

The center has enjoyed the full support of the Dean of the School of Engineering for the last eleven years.

The Illinois EPA has supported ERTC financially by providing operating funds for over 35 years. During the summer of 2016 funding from the US Dept. of Labor provided over \$200,000 of funds for upgrades to the center's training facility.

The Metropolitan Sewer District (MSD) of St. Louis hires ERTC graduates almost exclusively when recruiting new plant operators.

MSD has continued their \$3,500 scholarship for minority and female students enrolled in the 1-year *Water Quality Control Operations Program*.

Illinois Association of Water Pollution Control Operators has established a scholarship for students in the 1-year program.

Illinois Water Environment Association has had a scholarship for ERTC students for over 15 years.

The A.J. LaRocca Foundation of Roselle, IL, has established a scholarship for students in the 1-year program.

There are five additional professional water industry organizations that provide scholastic awards to ERTC students.

11.5 Evidence of Organizational Effectiveness

Enrollment in the one-year program and the workshops and night classes continues to be strong.

ERTC continues to provide the highest quality training in water treatment technology to the water and wastewater treatment professional. The proof is in the pass rates for the Illinois and Missouri certification exams. The students in the 1-year program had an 87% pass rate on the three Illinois certification exams and a 93% pass rate on the two Missouri certification exams.

The Illinois EPA and the Missouri DNR recognize ERTC as the premier training center for water treatment technology in the Midwest.

The employment placement rate for the graduating classes of 2012 through 2016 is **84%**

12. Institutional Assessment

12.1 Date of Last Review _____

12.2 Decision at Last Review _____ Center/Institute in Good Standing
_____ Center/Institute Flagged for Priority Review
_____ Center/Institute Suspended

12.3 Explanation _____

RESOURCES: Environmental Resources Training Center

Financial Resources	FY2016	FY2015	FY2014	FY2013	FY2012
Revenues					
State Appropriations					
One-Year Program	272,000	186,000	208,050	226,520	161,800
Grants & Contracts	310,000	241,800	241,800	141,900	157,100
CCCDI Training & Symposium	80,000	90,000	104,000	97,000	97,000
CCCDI Recertification	66,000	45,000	45,000	40,500	40,500
Night Classes	20,000	20,000	28,000	27,000	28,500
Workshops	45,000	35,000	50,000	55,000	60,000
Total Revenues	793,000	617,800	676,850	587,920	544,900
Expenditures					
FT Salaries	399,000	392,160	451,000	384,000	355,000
Adj. Staff & Student Worker	51,000	58,000	49,000	70,000	73,000
Telecom	14,500	14,500	14,500	14,000	14,000
Commodities	36,000	36,000	36,000	40,000	42,000
Equipment	100,000	50,000	50,000	25,000	25,000
Computers	21,000	8,400	7,140	6,000	6,000
Travel	14,000	14,000	14,000	12,000	11,000
Marketing	10,000	10,000	9,000	8,000	8,000
Total Expenditures	645,500	583,060	630,640	559,000	534,000
Revenue Minus Expenditures	147,500	34,740	46,210	28,920	10,900

Staffing (Full Time Equivalent)	FY2016	FY2015	FY2014	FY2013	FY2012
Faculty					
Staff	7	6.5	7	6.3	6
Total Staffing	7	6.5	7	6.3	6

CENTERS AND INSTITUTES
ANNUAL REPORTING

Report For: July 1, 2015 – June 30, 2016

(IBHE Approved and/or Illinois State Statute Established Only) *

1.	Reporting Institution	Southern Illinois University Edwardsville						
2.	Center/Institute	IL Metro East Small Business Development Center (SBDC)						
3.	Date	1-20-17						
4.	Director	Giovanna May						
4.1	Telephone	(618)650-2929						
4.2	E-mail	gdimagg@siue.edu						
5.	Year Established	1984						
6.	Illinois State Statute (if pertinent)	N/A						
7.	Reporting Unit	School of Business						
8.	Type	<div style="text-align: center;">Activity (check all that apply)</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">Instructional</td> <td style="border: 1px solid black; width: 50%;"></td> </tr> <tr> <td style="padding: 2px;">Research</td> <td style="border: 1px solid black;"></td> </tr> <tr> <td style="padding: 2px;">Public Service</td> <td style="border: 1px solid black; text-align: center;">X</td> </tr> </table>	Instructional		Research		Public Service	X
Instructional								
Research								
Public Service	X							

* Complete this form for each center and institute established (or that is in the process of being established) through the Illinois Board of Higher Education approval process (23 Illinois Administrative Code 1050) or by specific Illinois state statute. See University Guideline 2.4 for details. This report will be completed by the center or institute after conclusion of the academic/fiscal year.

9. Overview

9.1 Description

The Illinois Metro East SBDC at SIUE operates two offices (SIUE and East St. Louis Higher Education Campus) to assist entrepreneurs and small business owners in the designated Nine-county region of Southwest Illinois.

9.2 Mission

To assist entrepreneurs and companies in defining their path to success. The IL Metro East SBDC at SIUE positively impacts the Metro East Illinois region by strengthening the business community, creating and retaining new jobs, and encouraging new investment. The SBDC enhances Metro East economic interests, providing one-stop assistance to individuals by means of counseling, research, and advocacy for new ventures and existing small businesses.

9.3 Objectives

- Deliver effective and relevant services that address client needs and contribute to business growth and job creation.
- Develop long-term relationships with clients that have significant opportunities to grow and create jobs in Illinois.
- Utilize partnerships to advocate for small businesses and promote an entrepreneurial culture.
- Support the goals and objectives of both the SIUE School of Business and the university at large.

10. Advisory Board

10.1 Advisory Board - Membership

SBDC—N/A

ITC- Southwest IL Trade and Investment Council

- Established the first-ever ***Southwest Illinois Trade and Investment Council***, currently, the only council of its kind in Illinois:
<http://www.siu.edu/business/itc/sw-ill-trade-investment-council.shtml>

Membership list is attached.

10.2 Number of Meetings (In This Year) 4

11. Annual Performance

11.1 Performance Measures *

Measure	Target for Year	Result in Year
1. Number of Jobs Created	45	52
2. Number of Business Starts (SBDC)	12	19
3. Number of Clients Advised (SBDC)	120	558
4. Number of Clients Advised (ITC)	80	28
5. Client Exports (ITC)	\$20,000.000	\$260,214,542.21

11.2 Major Accomplishments (In This Year)

<p>Advised 558 Clients</p> <p>Conducted and Hosted 19 Training Sessions</p> <p>Published 23 Success Stories</p> <p>Hosted Local SBA InnovateHer Challenge. Client placed 3rd Nationally.</p> <p>Hosted 3rd Annual Metro East Startup Challenge promoting Entrepreneurship and Innovation in St. Louis Region.</p> <p>Provided support to SIUE’s Entrepreneurship Club’s Other 40 Business Plan competition</p> <p>Supported Washington University’s East St. Louis Initiative (Winner was an SIUE Alumna and other 2 winners were SBDC Clients)</p> <p>From the ITC:</p> <ul style="list-style-type: none"> • Sponsored/co-sponsored four seminars / conferences with very positive feedback. Over 200 business representatives from the bi-state region, including SIUE faculty, staff and students were trained by experienced professionals. • Partnered with World Trade Center St. Louis, St. Louis Regional Chamber of Commerce, Leadership Council Southwestern Illinois, the U.S. Department of Commerce, the Small Business Administration, Washington University and other leading organizations across the St. Louis region to develop the first Metro St. Louis Export Plan, which outlines specific steps local business, civic and government leaders will take to promote Metro St. Louis growth. This plan is the culmination of a year-long study conducted through the Global Cities Initiative, a joint project of the Brookings Institution and JPMorgan Chase: https://www.stlpartnership.com/wp-content/uploads/2016/06/2016-Export-Plan.pdf
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- Sponsored four businesses in the southwestern region with their participation in trade missions and shows in Canada, Europe and Latin America. These clients were also assisted with research work performed by SIUE graduate students through the ITC's International Business Consulting Project series.
- Represented and promoted SIUE and the SW Region at the 2016 SelectUSA Summit, held in Washington DC, June 19-21.

11.3 Evidence of Support for Illinois Public Agenda, SIU Board of Trustees, and SIU Campus Strategic Planning

Provided business counseling and/or support to more than 40 SIUE students in CY2016; organized efforts to foster and promote innovation and entrepreneurship on campus; and strengthened SIU system to the community through coordinated outreach efforts, social media campaign, and community partnerships.

11.4 Evidence of Support for Center/Institute Objectives

As stated above – 558 client contacts, over \$260M in ITC client exports; 24 training sessions.

A Small Business Workshop is offered at no cost to SIUE students

Supports SIUE Entrepreneurship Club at its activities

Recommends clients to participate in class projects for CMIS 300, MGMT 475 and MGMT 595

Promotes SIUE's vision of Entrepreneurship and Innovation within the communities we serve

11.5 Evidence of Organizational Effectiveness

During CY2016, the SBDC and ITC exceeded the goals in a majority of its performance measures and achieved 85% or greater in 17 of 24 total measures.

12. Institutional Assessment

12.1 Date of Last Review 8/4/2015

12.2 Decision at Last Review Center/Institute in Good Standing
 Center/Institute Flagged for Priority Review
 Center/Institute Suspended

12.3 Explanation Should have 2017 Review

RESOURCES: (IL Metro East SBDC at SIUE)

RESOURCES: (IL Metro East SBDC at SIUE)

Financial Resources	CY2016	CY2015	CY2014	CY2013	CY2012
Revenues					
State Appropriations	144,416	150,826	159,945	154,677	143,245
Income Fund	11,545	23,807	18,990	20,976	17,064
Grants & Contracts	122,827	189,000	189,000	179,572	188,816
Total Revenues	278,788	363,633	367,935	355,225	349,176
Expenditures*					
Salaries/Fringes	225,661	284,024	295,657	259,058	243,926
Commodities	4,116	3,103	6,967	7,367	17,241
Contractual	36,109	34,205	42,967	52,086	65,453
Travel	13,189	13,052	12,832	15,539	6,566
Consultants	0	0	0	17,616	0
Equipment	0	0	0	5,171	2,036
Telephone/Other	12,851	5,479	5,931	9,401	4,801
Total Expenditures	291,836	339,863	364,354	366,238	340,023
Revenue Minus Expenditures	(13,048)	23,770	3,581	(11,013)	9,153

* Categorize expenditures in easily understood, consistent categories (e.g., salaries, Graduate Assistant support). Add additional rows as necessary.

Staffing (Full Time Equivalent)	CY2016	CY2015	CY2014	CY2013	CY2012
Faculty	0	0	0	0	0
Staff	3	4	4	4	3
Total Staffing	3	4	4	4	3



SOUTHWEST ILLINOIS TRADE & INVESTMENT COUNCIL MEMBERS

Alan Dunstan
County Board Chairman
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157 North Main Street
Edwardsville, IL 62025

Sherry Brianza
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CENTERS AND INSTITUTES
ANNUAL REPORTING

Report For: July 1, 2015 – June 30, 2016

(IBHE Approved and/or Illinois State Statute Established Only) *

1.	Reporting Institution	Edwardsville
2.	Center/Institute	Illinois Education Research Council (IERC)
3.	Date	February 13, 2017
4.	Director	Dr. Janet K. Holt
4.1	Telephone	618-650-2840
4.2	E-mail	janholt@siue.edu
5.	Year Established	2000
6.	Illinois State Statute (if pertinent)	While the IERC was not created by an Illinois state statute it does have statutory responsibility. The IERC is legislated to provide "... research and coordinate research collection activities for the Illinois P-20 Council" (Illinois Public Act 095-0626) and is also legislated as a key stakeholder in the development, access, and use of the Illinois Longitudinal Data System (Illinois Public Act 096-0107).
7.	Reporting Unit	School of Graduate Studies & Research
8.	Type	Activity (check all that apply)
	Instructional	
	Research	X
	Public Service	X

* Complete this form for each center and institute established (or that is in the process of being established) through the Illinois Board of Higher Education approval process (23 Illinois Administrative Code 1050) or by specific Illinois state statute. See University Guideline 2.4 for details. This report will be completed by the center or institute after conclusion of the academic/fiscal year.

9. Overview

9.1 Description

The IERC is led by its Director, who appoints and receives advice from an Advisory Board drawn from Illinois' education researchers, education providers, state education agencies and other stakeholders. The IERC is administratively housed in the School of Graduate Studies and Research at Southern Illinois University Edwardsville.

The IERC has a cadre of research and professional staff who are well equipped as quantitative and qualitative researchers and policy analysts who undertake major research projects, policy analyses, and research reviews. The work of the IERC is extended through collaborative partnerships with other researchers. The IERC also seeks to leverage the state investment in the IERC through grant funding.

9.2 Mission

The IERC was established in 2000 to provide Illinois with education research to support P-20 education policy making and program development. The IERC undertakes independent research and policy analysis, often in collaboration with other researchers that informs and strengthens Illinois' commitment to providing a seamless system of educational opportunities for its citizens. Through publications, presentations, participation on committees, and an annual research symposium, the IERC brings objective and reliable evidence to the work of state policy makers and practitioners.

9.3 Objectives

1. Conduct research that is relevant to Illinois P-20 education, focusing on current initiatives, issues and trends in Illinois education.
2. Provide research and logistical support to the Illinois P-20 Council and its six subcommittees.
3. Impact Illinois education policy by disseminating our research to education agencies and education decision makers throughout the state.
4. Support SIU faculty and staff through project collaborations and our faculty fellows program.
5. Support and train SIU students in conducting educational research.

10. Advisory Board

10.1 Advisory Board - Membership

Internal SIU Board (established May 2016):

Scott Belobrajdic, Associate Vice Chancellor, Enrollment Management
Greg Budzban, Dean, College of Arts & Sciences
Jesse Dixon, Director, University Services to East St. Louis
Sharon Locke, Director, Center for STEM Research Education Outreach
Jeremy Jewell, Professor, Psychology
Caroline Pryor, Associate Professor, Teaching & Learning
Alison Reeves, Associate Professor, Educational Leadership

External Advisory Board:

Karen Hunter Anderson, Executive Director, Illinois Community College Board
James Applegate, Executive Director, Illinois Board of Higher Education
Randy Dunn, President, Southern Illinois University
Larry Frank, Director of Research, Illinois Education Association
Lynne Haeffele, Director, Center for the Study of Education Policy, Illinois State University
Susan Kleemann, Director of Research, Illinois Student Assistance Commission

Jenny Nagaoka, Deputy Director, UChicago Consortium on School Research, University of Chicago
 Barbara O'Donnell, Professor, Southern Illinois University Edwardsville
 Elizabeth Purvis, Illinois Secretary of Education, and Chair of the Illinois P-20 Council
 Elliot Regenstein, Chair, Illinois Longitudinal Data System
 Diane Rutledge, Executive Director, Large Unit District Association
 Tony Smith, State Superintendent, Illinois State Board of Education
 William Trent, Professor, University of Illinois at Urbana-Champaign
 Eric Zarnikow, Executive Director, Illinois Student Assistance Commission

10.2 Number of Meetings (In This Year) Internal 0; External 2

11. Annual Performance

11.1 Performance Measures *

Measure	Target for Year	Results in Year
1. Conduct PK-12 education research studies	2 studies	3 studies
2. Conduct higher education to workforce research studies	1 study	4 studies
3. Lead external grant proposal submissions	2 to foundations or state and 1 to a federal agency	Led total of 5 grant proposals; 3 to organizations or foundations; led 2 proposals to federal departments, NSF and IES
4. Support or collaborate with SIU faculty and staff	1 collaboration	Collaborated with SIUE faculty/staff on 3 submissions, 1 which was led by the IERC
5. Ascertain new external grants & contracts for research	\$50,000	\$407,105
6. Offset regular staff salary dollars with grants	\$50,000	\$172,312
7. Train students in educational research	Equivalent of 1 50% assistantship	Employed 3 GAs, employing for a total of 20 months at 50% time and 5.5 months at 25% time
8. Disseminate IERC research to state research/policy meetings and conferences	5 presentations	10 presentations at state meetings/symposia/conferences
9. Disseminate IERC research nationally	1 presentation	2 presentations to national research conferences; and 1 presentation to a national group
10. Support IERC faculty fellows in various stages of their research projects	Work with at least 2 faculty fellows	Did not fund any new faculty fellows. Continued to work with 2 previous faculty fellows on their research design and/or conference presentation
11. Publish education research policy reports	2 reports	2 full research reports published and one faculty fellow report
12. Provide research and other support to the P-20 Council and subcommittees	Support for 2 meetings/activities	Produced background research for the P-20 Council Chair for 2 projects, made one research presentation to the P-20 Council, Served as Council Coordinator for the 4 meetings, provided research

Measure		Target for Year	Results in Year
			support to the TLC committee, & made 1 presentation to WDQI and 1 presentation to ISLAC
13.	Provide a statewide forum for dissemination of Illinois education research	1 symposium	Held one symposium, October 2015 in Lisle IL
14.	Secure sponsorship for IERC symposium	\$1,000	\$2,000 total sponsorships; \$1,000 from Country Financial, \$1,000 from an anonymous donor

11.2 Major Accomplishments (In This Year)

The IERC continues to produce research reports that are widely circulated and used throughout the state. The I-PREP project of principal preparation in Illinois was one of our recent signature studies. This project was well funded by the Robert R. McCormick Foundation (\$500,000) and The Wallace Foundation (\$50,000) over two years; it involved a collaboration with another major research group in Illinois, the University of Chicago Consortium on School Research. The preliminary research findings were presented at the IERC symposium and a statewide panel organized by the IERC at the Mid-Western Educational Research Association meeting in 2015. The final research findings were presented to the Illinois P-20 Council and the ICPEA in 2016, with the final report and policy report released soon thereafter in July 2016.

The Joyce Foundation funded research study on Illinois charter schools, *Laboratories of Reform? Human Resource Management in Illinois Charter Schools*, was released in 2016 and celebrated at a release event at the Joyce Foundation in June 2016. This study was also presented at the fall 2015 IERC symposium and at the Association of Education Finance and Policy annual meeting, March 2016.

IERC released its inaugural faculty fellows report by 2013/14 IERC faculty fellow, Dr. Melodie Rowbotham. This study examined the relationship of faculty development on teaching to faculty self-assessment of teaching skills and their teacher self-efficacy (FFR 2015-1). IERC provided survey, data analysis, and writing support for this study.

Research on the relationships of student debt and college outcomes were presented to the Council for Public Policy in Higher Education and at the Association for the Council in Higher Education meeting in November 2015.

The IERC Director, Janet Holt, served as the Illinois P-20 Council Coordinator to Chair, Illinois Secretary of Education, Beth Purvis beginning in FY16. This position assists the chair in setting meeting agendas and working with the committee chairs.

Early Childhood grants received from Illinois Action for Children for EC Innovation Zones project for \$181,850 and from the Illinois Board of Higher Education for EC Educator Preparation project for \$205,255.

11.3 Evidence of Support for Illinois Public Agenda, SIU Board of Trustees, and SIU Campus Strategic Planning

Alignment of IERC Activities the State Education Goals set by the Public Agenda and supported by the P-20 Council

Goal 1: Increase educational attainment to match best-performing U.S. states and world countries.

Focusing on teacher success, we produced a joint report with Westat (submitted to ISBE June 30, 2016) on the evaluation of Performance Evaluation Reform Act that revised the teacher evaluation system to include student growth measures. More recently, we studied the human

resource management system of Illinois charter schools to see if there were innovative, successful practices in the charter school system that could be scaled to other district schools and reported this in our *Laboratories of Reform* report (IERC 2016-1).

Additionally, we were funded for a two-year study about Illinois principal preparation reforms designed to improve instructional leadership and ultimately student preparation. We produced an interim report for this project in collaboration with the University of Chicago Consortium on School Research (IERC 2015–3), presented at many forums statewide and nationally. The final report was released in early FY17.

Goal 2: Ensure college affordability for students, families, and taxpayers.

Aligned with our 2015/16 theme, *Pathways to an Affordable College Education*, the IERC conducted research on the effects of student loan debt and other institutional characteristics on student success in Illinois and presented this research study during the pre-conference forum for the Council for Public Policy in Higher Education (CPPHE) at the annual Association for the Study of Higher Education (ASHE). We also began further research on college affordability in FY16 in two studies, *Degrees with Less Debt*, funded by the St. Louis Graduates organization and additional collaborative work with a post-doc from University of Wisconsin with additional data from the Illinois Student Assistance Commission. Additionally, we adopted this affordability theme for our 2015 symposium.

Goal 3. Increase the number of high-quality postsecondary credentials to meet the demands of the economy and an increasingly global society.

Our research on principal preparation and early childhood educator preparation has direct implications for higher education. The principal preparation study focused on the new principal preparation programs that were enacted after recent policy changes. This work is important to monitor how new policy changes are implemented and the effectiveness of these changes.

Our study *Degrees with Less Debt*, which began in FY16, is squarely aimed at disseminating information on effective strategies that higher education institutions are employing to graduate more underrepresented students and with less debt.

In addition, the early childhood educator preparation studies are at the nexus of ensuring we have an adequately prepared early childhood workforce through postsecondary credentialing and degree attainment; it also help to ensure that adults returning to postsecondary education have high quality options for childcare. Although this study pertains specifically to early childhood education the credentialing and degree pathways that are being refined provide a good model for other postsecondary pathway work.

Goal 4. Better integrate Illinois' educational, research, and innovation assets to meet economic needs of the state and its regions.

As both the research support arm of the Illinois P-20 Council and with membership on the Joint Education Leadership Council (JELC), we regularly present our research to Illinois education agency personnel. In recent years, besides JELC and the P-20 Council and subcommittees, we also presented our research to the Workforce Data Quality Initiative committee.

**Alignment of IERC Activities to SIU System Strategic Plan
Promoting Student Satisfaction and Success**

The IERC is committed to hiring and training graduate students in educational research. All of our students have been trained in state-of-the art research methods. We have received consistent, informal positive feedback from our students and former students indicating what a tremendous learning experience it was for them; the experience of working at the IERC has expanded their view of the type of work that they can do.

Innovating to Transform Our State and Region

Most of our research has a state-level focus because that is our mission. What makes us unique among state-level researchers, however, is that we have strong connections to Illinois policy makers, through our advisory board, our work with the P-20 Council and subcommittees, other state-level committees, and our state-level symposium. Therefore, we have a direct impact on state-level education policy.

We also engage in support for our region, defined as the Metro East area. We have jointly submitted grant application and still have a National Science Foundation (NSF) grant application pending. We continue to support the work of the East St. Louis Center by participating on the East Side Aligned Collective Impact Coalition.

In FY16 we created a new research partnership with the St. Louis Graduates organization, which includes members from many foundations and organizations in the St. Louis region, including SIUE. We are a research partner with the Higher Education Recognition Task Force and have been working closely with the St. Louis Community Foundation, the St. Louis Chamber of Commerce, and the project manager of the St. Louis Graduates organization to help identify the strategies that institutions of higher education in the St. Louis region are employing to graduate first-generation, low-income and students of color with low debt. The IERC will be reporting on this project in an upcoming 2017 report.

Building a Stronger System

The IERC brings in external grant funding to the university for its research projects. Not only do these externally-funded projects expand the university grant portfolio and support staff and students at SIUE, but they also support the engagement of SIU with state education agencies, regional and national foundations, and other organizations. Our funders represent a broad array of education stakeholders, and the IERC has a reputation for doing quality research in a timely fashion that supports SIU's reputation across these organizations.

Developing Our People and Our Places

The IERC has a large reach across the state. We have a database of more than 3,500 individuals from approximately 1,100 entities that are interested in our work. This includes education agency personnel, policy makers, education scholars, the heads and members of key Illinois education committees, education foundations, and K-12 superintendents and principals, regional offices of education, and other key education and education policy personnel. Our research reports, quarterly newsletter, and other communications are sent to relevant personnel from this list. We also engage interested parties from social media, primarily Twitter. In addition, we have a user-friendly website that provides open access to all of our research that is heavily utilized. Our reach across the state is further evidenced by the invitations that we receive to present our work to the education agency boards, to the P-20 Council and subcommittees, and other state committees and foundations.

Our external advisory board is comprised of key education stakeholders, including the Illinois Secretary of Education, the heads of the education agencies, key policy analysts and scholars, among others. We disseminate all of our reports, newsletters, and updates through our advisory board and have regular interaction with them. We also often secure state contracts through contacts on our advisory board.

We collaborate with partners throughout the SIU system. We have utilized the services of an SIUC evaluation group, Applied Research Consultants, in the Psychology Department for some of our projects, and someone from the President's Office has always been on our external advisory board. Currently, President Randy Dunn sits on our board.

Moreover, we engage education scholars, practitioners, education analysts and policy makers at our annual symposium. One tactic that has proved very effective is to invite our board members to the symposium. Our attendees know that key policy makers are in the audience and it produces lively exchanges between policy makers and education scholars. Also, we believe this

drives the attendance up. Our keynotes, panels, and sessions at our symposium focus on Illinois education policy and practice, thereby highlighting the relevance of the IERC work for the mission of the state, the system, and the university. As previously noted, many opportunities come to us to present our research, collaborate, or develop a new project through our symposium contacts.

The IERC also supports talented individuals in the region by engaging SIU faculty in their research. We support faculty through our faculty fellowship program. In 2016 we did not solicit a new faculty fellow but engaged with our three past fellows to help them complete their projects. We published a research report from one of our past faculty fellows in November 2015. We provided research and writing support to this fellow.

Alignment to SIUE Strategic Plan

Prepared and Committed Students

The IERC is not an academic unit that offers programs for students, but we do train graduate students to conduct high quality education research, and in FY16 one student presented at the 2016 SIUE Graduate School symposium.

Dedicated Faculty and Staff

IERC Staff

The IERC has a small cadre of staff who are very informed on Illinois education policy and conduct high quality research. Because of expected budget cuts, one of our staff members left the IERC in FY16. However, the IERC sub-contracted with a post-doc at the University of Wisconsin who has done some financial aid research for the IERC. His work led to collaboration on an IES proposal, *Illinois Financial Aid and College Success (IFACS)* and several presentations in FY17.

Outreach and Partnerships

The IERC engages in much outreach across the state. We are often asked to present our research to multiple constituencies. Additionally, we participate in many education committees that set education priorities for the state, and we support the Illinois P-20 Council and its subcommittees as the research arm for the P-20 Council, as well as serving as the current Council Coordinator, under Secretary Beth Purvis. Further, we serve our region by partnering with East St. Louis Center, serving on its collective impact data quality committee and collaborating on potential grant opportunities. In addition, we serve the broader St. Louis region by partnering with St. Louis Graduates on its research on studying successful postsecondary models for underrepresented students.

Other collaboration with SIUE Engineering faculty (as well as with two doctoral research universities) and the Graduate School led to a proposal to the National Science Foundation, *CORE Job Market*.

Annually, we bring a national speaker to the SIUE campus to speak on research of interest to the SIU community. In FY16 Lemuel Watson, University of South Carolina, presented on *The Role for Higher Education in the Social Context of Addressing Diversity*.

Physical and Financial Sustainability

The IERC partially supports its staff with funding through grants and contracts. Although grants have risen considerably in recent years (approximately 3 times the funding amount from FY12 to FY16), the sustainability of this trend in grant acquisition is uncertain without additional full-time research staff. Unfortunately, without additional funding to replace recently departed personnel it is not sustainable. Grant opportunities fluctuate over time and the IERC would need a source of stable revenue during periods of lower funding opportunities.

11.4 Evidence of Support for Center/Institute Objectives

To support the IERC goals we obtained new grants and contracts totaling \$406,834 in outside funding in FY16. The new grant awards were from the Illinois Board of Higher Education (IBHE), Illinois Action for Children, and the St. Louis Graduates organization.

We also attended meetings and provided research support to the Illinois P-20 Council and its subcommittees. We participated in other state-level committees including the Joint Educational Leadership Council, the Workforce Data Quality Initiative, subcommittees of the Early Learning Council, ISBE Partnership for Educator Preparation, and Illinois School Leadership Advisory Council.

The IERC hosted its 13th annual *Focus on Illinois Education Research Symposium*, in Lisle, IL which had 152 attendees from 66 different entities across the state. Registration costs and sponsorship from Country Financial and one anonymous donor helped defray the cost of the symposium. This event is important to our ability to network and connect with scholars, education agencies, and foundations that lead to many of our opportunities.

We hosted two external advisory board meetings, one on the SIUE campus and one in conjunction with our symposium in which we did some future strategic planning with scholars and education policy heads in Illinois and planned how our research can impact Illinois education policy and practice.

Table 1
FY16 Submitted Grant Proposals

Agency	Date submitted	Title	Amount Requested	Proposal/ Type	Amount Granted
St. Louis Graduates	21-Mar-16	St. Louis Graduates Research Partner Project	20,000	Awarded	20,000
Illinois Board of Higher Education	7-Aug-15	IBHE EPPI Promising Practices	74,950	Awarded - Added to FY15 EPPI grant	74,950
Illinois Board of Higher Education	22-Dec-15	IBHE Early Childhood Monograph Project	80,305	Awarded (Combined w/EPPI)	80,305
Illinois Board of Higher Education	17-Mar-16	IBHE EPPI Promising Practices	50,000	Awarded - Added to FY15 EPPI grant	50,000
Illinois Action for Children	28-Jan-16	Early Childhood Innovation Zones Evaluation Project	181,850	Awarded	181,850
Institute of Education Science	08-Jan-16	Illinois Financial Aid and College Success (IFACS)	249,565	Not funded	

Illinois Community College Board	21-Oct-15	Illinois P-20 Council Support	150,000	Not funded (due to budget impasse)
National Science Foundation	10-Sep-15	CORE Job Market	297,532	Not funded
TOTAL REQUESTED/AWARDED FOR FY16			\$ 1,104,201	\$407,105

11.5 Evidence of Organizational Effectiveness

The IERC does not have an instructional unit and does not therefore provide direct instruction. Nonetheless, we do hire graduate students. We train our graduate assistants and undergraduate interns in state-of-the art research and data analysis methods. In FY16, we employed three different students who conducted qualitative interviews and analysis, cleaned and recoded quantitative data from IPEDS and College Scorecard, compiled 11 different college rankings for a set of higher education institutions, wrote up findings, presented IERC research at the SIUE graduate school symposium, and co-authored a submission for a regional presentation for FY17.

Research

Evidence of effectiveness in IERC research can be measured by our research productivity and the impact of our research on education policy. Each of these will be explored in this section.

Our research reports are one of the main vehicles for disseminating the findings of our research studies. The IERC produces several substantive reports each year on varied topics tied to our mission of researching educational issues across the P-20 continuum. For any given report, there are often multiple variations of the reports produced for different audiences. All versions of each report is available in the public domain at our website, <http://ierc.education> along with listings of our presentations. In FY16 we published two main research reports and conducted research for additional reports published in FY17. Additionally, we supported an IERC faculty fellow and edited and published a report of her fellowship research. We also presented research at many state venues, several of which we were invited to present. We organized a panel of key Illinois personnel and presented on the panel at a regional conference. There were two national research presentations, one of which was invited for a special pre-conference presentation on statewide research.

Public Service

The IERC serves Illinois by providing education research to support P-20 education policy making, and program development is at the heart of the IERC mission. The IERC is engaged in many activities that serve the region and the state. Our main products, IERC research reports and presentations, provide education practitioners and policy makers with objective, non-partisan research findings and evaluations of the success of education initiatives and programs. Our research is reported out at state meetings and through research presentations at conferences, both regionally and nationally. Additionally, the IERC hosts a research symposium annually, the *Focus on Illinois Education Research Symposium*, which attracted 152 participants in FY16 from a wide variety of entities, mainly from Illinois. We present the latest IERC research at the symposium where we network with various researchers and education stakeholders. Besides our research, we serve the education policy community in Illinois by attending education meetings and providing research-informed feedback. In addition, we provide logistical support and research support to the Illinois P-20 Council as the research arm of the P-20 Council and as the Council Coordinator.

12. Institutional Assessment

12.1 Date of Last Review _____

12.2 Decision at Last Review _____ Center/Institute in Good Standing
_____ Center/Institute Flagged for Priority Review
_____ Center/Institute Suspended

12.3 Explanation _____

RESOURCES: (Illinois Education Research Council)

Financial Resources	FY2016	FY2015	FY2014	FY2013	FY2012
Revenues					
State Appropriations					
BP 721934	325,588	404,000	413,001	407,880	384,000
Income Fund					
BP 741062	125,777	49,189	16,288	44,332	48,196
Fdn 3230 Development Fund	3,698	830	840	700	360
Fdn 3231 Symposium & Meeting Fund	70,202	14,680	1,200	7,790	6,860
Grants & Contracts					
BP 763951 IBHE (\$56,328)				11,079	45,249
BP 763967 ISBE (\$103,808)		24,437	79,371		
BP 763969 IBHE (\$55,022)		55,022			
BP 767132 Spencer Foundation (\$38,100)				11,097	27,004
BP 767139 DePaul – IBHE (\$25,000)				9,228	15,772
BP 767144 University of Chicago (\$38,930)				38,930	
BP 767162 UIUC-Lumina (\$27,019)			19,093	7,926	
BP 767169 UIUC-NIH (\$17,087)			17,087		
BP 767170 Westat - ISBE (\$108,100)	18,474	38,266	37,235	14,125	
BP 767171 DePaul- IBHE (\$30,000)				30,000	
BP 767173 Joyce Foundation (\$158,086)	31,189	52,568	70,571	3,758	
BP 767204 McCormick Foundation (\$500,000)	300,000	200,000	0		
BP 767205 Wallace Foundation (\$50,000)	26,133	23,867			
BP 763975 IBHE EPPI Grant (\$74,949)	56,344				
Plus Monograph (80,305)	31,071				
Plus Additional (\$50K)	8,039				
Plus Competency extension (\$36,000)					
BP 763978 EC Innovation Zones (\$181,850)	75,000				
BP 767239 St. Louis Graduates Research Partnership (\$20,000 + \$15,000)	9,244				
Total Revenues	1,084,583	862,859	654,686	586,845	527,441

Financial Resources	FY2016	FY2015	FY2014	FY2013	FY2012
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Expenditures					
Salaries	377,817	457,034	439,000	368,287	278,269
Staff Travel	17,332	21,410.	19,355	20,603	15,656
Equipment	7,764	3,102	5,423	14,007	4,987
Commodities	5,810	13,474	18,371	9,911	9,320
Contractual	181,886	183,736	38,720	71,636	54,076
Auto	360	350	195	945	1,434
Awards & Grants	0	0	0	0	0
Telecom	5,208	5,549	4,511	4,359	4,444
Fringe Benefits	60,986	67,331	36,605	25,919	8,524
F&A Charges	23,809	29,963	9,140	1,928	0
Fdn 3230 Development Fund	422	680	737	293	240
Fdn 3231 Symposium & Meeting Fund	3,402	1,361	1,693	904	1,052
Total Expenditures	684,004	783,990	573,750	518,792	378,002
Revenue Minus Expenditures	400,579	78,869	80,936	68,053	149,439

* Categorize expenditures in easily understood, consistent categories (e.g., salaries, Graduate Assistant support). Add additional rows as necessary.

Staffing (Full Time Equivalent)	FY2016	FY2015	FY2014	FY2013	FY2012
Faculty	1.2	2.0	2.0	2.0	0.9
Staff	4.0	3.8	3.8	3.8	4.9
Total Staffing	5.2	5.8	5.8	5.8	5.8

Faculty: Janet Holt, Carol Colaninno-Meeks

Staff: Jennifer Barnhart, Georgia Bracey, Amber Kirchhoff, Brenda Klostermann, Ann Robertson, Jacqueline Twitty, Brad White

CENTERS AND INSTITUTES
ANNUAL REPORTING

Report For: July 1, 2015 – June 30, 2016

(IBHE Approved and/or Illinois State Statute Established Only) *

1.	Reporting Institution	Southern Illinois University Edwardsville
2.	Center/Institute	Institute for Urban Research
3.	Date	September 1, 2016
4.	Director	Dr. James Hanlon
4.1	Telephone	(618) 650-2943
4.2	E-mail	jhanlon@siue.edu
5.	Year Established	2000
6.	Illinois State Statute (if pertinent)	N/A
7.	Reporting Unit	School of Graduate Studies and Research
8.	Type	Activity (check all that apply)
	Instructional	
	Research	x
	Public Service	x

* Complete this form for each center and institute established (or that is in the process of being established) through the Illinois Board of Higher Education approval process (23 Illinois Administrative Code 1050) or by specific Illinois state statute. See University Guideline 2.4 for details. This report will be completed by the center or institute after conclusion of the academic/fiscal year.

9. Overview

9.1 Description

The Institute for Urban Research (IUR) provides research services and support both for and in collaboration with other SIUE units, area academic institutions, and regional partners in the public, non-profit, and private sectors. The IUR focuses its work on community and economic development, urban environmental health, governance, infrastructure, and urban sustainability, and it offers expertise in data collection and analysis, research design, program evaluation, project management, and public engagement. The East St. Louis Action Research Project (ESLARP) is the service and community engagement arm of the IUR and includes among its activities educational programming, community resource preservation, and student volunteer opportunities.

9.2 Mission

The mission of the SIUE Institute for Urban Research is to advance innovative scholarship in urban communities and environments. The IUR conducts research on urban issues and supports interdisciplinary urban research, teaching, and service activities by SIUE faculty, professional staff, and students, with an emphasis on empowering communities and effecting positive changes in the Metro East and St. Louis regions.

9.3 Objectives

- a) Advance understanding of the urban social and built environment / pursue entrepreneurial activity and external funding.
- b) Engage students in research activities that enrich their undergraduate and graduate studies.
- c) Build capacities to conduct, support, and promote research on issues of importance to urban scholarship.
- d) Support the research efforts of the faculty and academic units of SIUE.
- e) Partner with and serve as a resource for government, community/non-profit, and academic entities in the region.

10. Advisory Board

10.1 Advisory Board - Membership

To date the IUR has not had an advisory board. One is in the process of being formed.

10.2 Number of Meetings (In This Year) N/A

11. Annual Performance

11.1 Performance Measures*

Measure	Target for Year	Results in Year
1. Initiate contractual projects and research grant proposals.	6 projects 1 proposal	4 projects, 4 funded/completed 0 proposals
2. Graduate Assistant Support	At least one half-time GA supported	One half-time GA supported beginning March 1
3. East St. Louis Action Research Project (ESLARP) Student/public engagement	Continue educational events	40 events
4. Publications	One publication project	Book published
5. Urban Research Scholars	At least one supported	Three supported

* Center/institute-defined measures and targets. Depending on the particular center/institute, these may include intellectual contributions (such as publications), grants, public service activities.

11.2 Major Accomplishments (In This Year)

Health Resources and Services Administration (HRSA) contract

Evaluation (first of three years) of \$1,085,903 grant from HRSA awarded to the SIUE School of Nursing to expand the scope of services provided at the WeCare Clinic on the East St. Louis campus. Contract amount: \$6,975.

Madison County Poverty Summit

Analyzed community needs survey previously conducted by Madison County, conducted and analyzed follow up survey, assisted in coordinating and facilitating meeting of community stakeholders on poverty and homelessness, conducted analysis of county homelessness data. Contract amount: \$3,900.

Space Study

Conducted space study for SIUE Graduate School. Contract amount: \$3,350.

Summer Youth Program Survey

Survey and evaluation of the East St. Louis Summer Youth Program, conducted for the Jackie Joyner-Kersey Foundation and the East St. Louis Community Development Fund. Contract amount: \$2,500.

Washington University Divided Cities Project

Dr. Andrew Theising (previous IUR director and current IUR Senior Research Fellow) produced a historical essay on East St. Louis Parks and the Park District. Honorarium amount: \$1,000.

St. Louis Currents: Facing Regional Issues at 250 (Book Project)

Edited book project coordinated by Dr. Andrew Theising (previous IUR director and current IUR Senior Research Fellow), under contract with Reedy Press. Focus is on key social, economic, and political issues facing the St. Louis region. This is the fifth edition of *St. Louis Currents* and the second coordinated by the IUR.

Public Arts and Humanities Programming, Fall 2015 - Spring 2016 (ESLARP)

ESLARP Coordinator Dr. Howard Ramsby organized nearly 40 educational enrichment events connected to East St. Louis and/or supported by the IUR during FY 2016. These

events involved students from both SIUE and area schools. Additional information about these events is available at <http://www.culturalfront.org/>.

History Preservation and Digitization Project (ESLARP)

Project led by Dr. Rambsy to digitize cultural heritage collections at the Lessie Bates Davis Neighborhood House in East St. Louis. Funded by a Meridian Society Award (\$1,000) received in 2014. Project included student involvement in organizing and digitizing collections.

Urban Research Scholar Program

The IUR supported three research projects conducted by SIUE faculty. A total of \$7,409 was awarded to Dr. Jennifer Zuercher, Department of Applied Health (\$2,000); Dr. Sorin Nastasia, Department of Applied Communication Studies (\$2,909); and Dr. Christopher Theodorakis and Dr. Zhi-Qing Lin, Department of Biological Sciences/Environmental Sciences Program (\$2,500).

11.3 Evidence of Support for State, SIU System, and SIU Campus Priorities

Alignment with SIUE Strategic Plan

- Goal 1: Prepared and Committed Students—The IUR involves graduate assistants in enriching research experiences; ESLARP provides educational enrichment opportunities for students.
- Goal 2: Innovative High Quality Programs—The IUR supports research efforts of academic units of SIUE through collaborative projects.
- Goal 3: Dedicated Faculty and Staff— The IUR supports research efforts of the faculty through collaborative projects and the Urban Research Scholar program.
- Goal 4: Supportive Campus Community—The IUR values the principles of integrity, civility, shared governance, and diversity incorporated in this goal, and these principles underlie each of the IUR's strategic goals.
- Goal 5: Outreach and Partnerships—The IUR makes a significant effort to partner with various institutions around the region to advance research goals.
- Goal 6: Physical and Financial Sustainability—The IUR pursues entrepreneurial activity and external funding for research at SIUE and within the region in ways that support the IUR financially while advancing the IUR research agenda.

Alignment with SIU Strategic Improvement Plan

- Theme 1: Promoting Student Satisfaction and Success—The IUR provides graduate students with opportunities that help prepare them to contribute to addressing society's challenges; ESLARP provides educational enrichment opportunities for students.
- Theme 2: Innovating to Transform Our State and Region—The IUR is an important part of the SIU system's external presence and it has cultivated numerous relationships through which it pursues innovative approaches to address Illinois problems.
- Theme 3: Building a Stronger System—The IUR actively pursues grants and contracts.
- Theme 4: Developing Our People and Our Places—The IUR regularly promotes partnership and public service opportunities that increase the system's outreach for engagement which benefits the educational, social, and cultural life of the region and its people.

Alignment with IBHE Public Agenda Goals

- Goal 1: Increase educational attainment—See SIUE Strategic Plan Goal 1 above.
- Goal 2: Improve college affordability—See SIUE Strategic Plan Goal 1 above.

- Goal 3: Strengthen workforce development—In accordance with its mission the IUR seeks to empower communities and effect positive changes in the Metro East and St. Louis regions.
- Goal 4: Link research and innovation to economic growth— In accordance with its mission the IUR seeks to empower communities and effect positive changes in the Metro East and St. Louis regions.

11.4 Evidence of Support for Center/Institute Objectives

- a) Advance understanding of the urban social and built environment / pursue entrepreneurial activity and external funding.
- Madison County Poverty Summit, Summer Youth Program Survey, Health Resources and Services Administration (HRSA) contract, Washington University Divided Cities Project, St. Louis Currents: Facing Regional Issues at 250 (Book Project), History Preservation and Digitization Project (ESLARP).
- b) Engage students in research activities that enrich their undergraduate and graduate studies.
- See ESLARP accomplishments described in 11.2.
- c) Build capacities to conduct, support, and promote research on issues of importance to urban scholarship.
- Supported three Urban Research Scholars.
- d) Support the research efforts of the faculty and academic units of SIUE.
- Supported three Urban Research Scholars.
- e) Partner with and serve as a resource for government, community/non-profit, and academic entities in the region.
- Madison County Poverty Summit, Summer Youth Program Survey, Health Resources and Services Administration (HRSA) contract, History Preservation and Digitization Project (ESLARP).

11.5 Evidence of Organizational Effectiveness

The IUR has actively pursued external grant and contract funding in its efforts to become more self-supporting in the face of reduced budgets (The IUR's FY 2016 state appropriation was \$85,500, compared with \$128,884 in FY 2015 and \$173,898 in FY 2014). The IUR's staff has been reduced to one full-time research associate and, unlike other SIUE research centers, its director is part time (23.25% FTE). However the IUR still met most of its FY 2016 performance targets.

Due to ongoing budget and staff uncertainties it will be necessary to reassess the IUR's mission, its place at SIUE, and its role in the region. In FY17 the IUR will undertake efforts to reorient its mission toward a focus on community engagement. As part of this, the IUR will work to enhance the position of ESLARP at SIUE and in the region.

12. Institutional Assessment

12.1 Date of Last Review _____

12.2 Decision at Last Review _____ Center/Institute in Good Standing
 _____ Center/Institute Flagged for Priority Review
 _____ Center/Institute Suspended

12.3 Explanation

RESOURCES: (Institute for Urban Research)

Financial Resources	FY2016	FY2015	FY2014	FY2013	FY2012	FY2011
Revenues						
State Appropriations	85,500	128,884	173,898	185,501	124,812	150,000
Income Fund						
Grants & Contracts	6,400	20,266	62,826	125,113	115,039	50,029
ICR & Inter-Dept-Transfers	367	5,354	6,148	5,830	15,804	12,316
Foundation Account	1,698	1,250				
Total Revenues	93,965	155,754	242,872	316,444	255,655	200,029

Expenditures						
Salaries	73,351	124,243	152,941	171,003	109,946	135,045
Travel	0	311	0	0	0	0
Commodities	3,737	0	1,107	0	0	1,796
Contractual Services	5,229	2,650	6,597	9,000	5,596	4,530
Grants & Contracts	5,914	30,796	75,519	128,682	85,705	38,361
ICR & Inter-Dept-Transfers	8,104	6,566	7,748	14,219	8,395	27,740
Other	0	0	991	0	0	0
Total Expenditures	96,335	164,566	248,903	322,904	209,642	207,472

Revenue Minus Expenditures	(2,370)	(8,812)	(6,301)	(6,460)	46,013	(7,443)
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Staffing (Full Time Equivalent)	FY2016	FY2015	FY2014	FY2013	FY2012	FY2011
Faculty (Tenure-Track)	0.23	0.23	0.23	0.23	0.23	0.23
Staff ¹	1 PS 0.17 CS ² 0.33 GS ³	1 PS, 1 CS,	1 PS, 1 CS,	2 PS, 1 CS,	2 PS, 1 CS,	2 PS, 1 CS,
Total Staffing	1.56	2.73	2.73	4.23	4.23	4.23

1. PS = Professional Staff (Research Associate), CS = Civil Service Staff (Administrative Support), GS = Graduate Student (calculated as 50% FTE).

2. Administrative Support on staff July 1, 2016 – August 31, 2016.

3. Graduate Student on staff beginning March 1, 2016.

CENTERS AND INSTITUTES
ANNUAL REPORTING

Report For: July 1, 2015 – June 30, 2016

(IBHE Approved and/or Illinois State Statute Established Only) *

1.	Reporting Institution	<u>Southern Illinois University Edwardsville</u>
2.	Center/Institute	<u>National Corn-to-Ethanol Research Center (NCERC)</u>
3.	Date	<u>February 7, 2017</u>
4.	Director	<u>John Caupert</u>
4.1	Telephone	<u>618-659-6737 ext. 226</u>
4.2	E-mail	<u>jcaupert@ethanolresearch.com</u>
5.	Year Established	<u>2003.</u>
6.	Illinois State Statute (if pertinent)	<u>Southern Illinois University Management Act, Public Act 095-099</u>
7.	Reporting Unit	<u>School of Graduate Studies and Research</u>
8.	Type	Activity (check all that apply)
	Instructional	<input checked="" type="checkbox"/>
	Research	<input checked="" type="checkbox"/>
	Public Service	<input checked="" type="checkbox"/>

* Complete this form for each center and institute established (or that is in the process of being established) through the Illinois Board of Higher Education approval process (23 Illinois Administrative Code 1050) or by specific Illinois state statute. See University Guideline 2.4 for details. This report will be completed by the center or institute after conclusion of the academic/fiscal year.

9. Overview

9.1 Description

The NCERC at SIUE is a nationally recognized research center dedicated to the development and commercialization of biofuels, specialty chemicals and other renewable compounds. The center's fully functional dry grind pilot plant and laboratories are equipped with advanced biofuels capabilities including corn fractionation, pretreatment, and a fermentation suite with 5, 30, 150 and 1500L scale-up. Clients and collaborators benefit from the ability to take their process from the lab to intermediate scale to pilot scale, all in the convenience of one state-of-the-art facility. The center's engineers, operators, and scientific analysts also provide a range of educational and training opportunities, including internships, courses, workshops, and corporate training programs.

9.2 Mission

- **Advocacy:** To advocate, educate, and motivate consumers and elected officials on the benefits of biofuels
- **Commercialization:** To facilitate the commercialization of new technologies for producing bio-based materials
- **Research:** To utilize relationships with government, industry, academia and trade to conduct contractual and grant-funded research
- **Education:** To develop and provide the hands-on training to prepare the bioeconomy workforce of tomorrow.

9.3 Objectives

- Educate and inform consumers and policy makers on biofuels benefits and policy needs
- Assist industry, trade, and academic research partners in commercialization of new products and technologies.
- Lead and collaborate on research projects designed to increase efficiency, develop new products, or otherwise investigate bio-based products and materials
- Provide hands-on learning opportunities, training, and education to students, displaced workers, and industry employees

10. Advisory Board

10.1 Advisory Board - Membership

13 Member Governor Appointed Ethanol Research Advisory Board:

1. President of Southern Illinois University who shall be Chairman;
2. Director of Commerce and Economic Opportunity;
3. Director of Agriculture;
4. President of the Illinois Corn Growers Association;
5. President of the National Corn Growers Association;
6. President of the Renewable Fuels Association;
7. Dean of the College of Agricultural, Consumer, and Environmental Science, University of Illinois at Champaign-Urbana; and
8. Six at-large members appointed by the Governor representing the ethanol industry, growers, suppliers, and universities.

The Advisory Board shall meet at least annually or at the call of the Chairman. At any time a majority of the Advisory Board may petition the Chairman for a meeting of the Board. Seven members of the Advisory Board shall constitute a quorum.

Absence of Quorum for the Illinois Ethanol Research Advisory Board Since 2012: The NCERC repeatedly made requests, written, verbal and face to face meetings, with the Governor's Office of Executive Appointments, to get vacant / expired terms filled.

NCERC Stakeholder Advisory Board:

Due to absence of a quorum, since 2012, of the Governor Appointed Advisory Board, the NCERC created a Stakeholder Advisory Board. This Board consists of representation of Industry, Academia, Industry and Trade. In addition, the SIU President and the SIUE Chancellor have participated in these meetings.

Following the last NCERC Stakeholder Advisory Board in Sept. 2016, a letter was drafted to send to Gov. Bruce Rauner at the suggestion of three U.S. Congressional staff members represented in the Stakeholder group concerning appointments to the Advisory Board.

10.2 Number of Meetings (In This Year) 1

11. Annual Performance

11.1 Performance Measures *

Measure	Target for Year	Results in Year
1. Presentations	12	1
2. Publications	2	3
3. Grant Awards and Contracts	12	5
4. Outreach	20	30
5. Policy/Legislative Advocacy	10	6

* Center/institute-defined measures and targets. Depending on the particular center/institute, these may include intellectual contributions (such as publications), grants, public service activities.

11.2 Major Accomplishments (In This Year)

- Provided internships to 30 Lewis and Clark Community College Process Operation Training students, 2 Southeastern Illinois College students, and 1 student through the EPA Pollution Prevention Program
- Collaborative research relationship established with U.S. Dept. of Energy's Joint Bioenergy Institute, including NCERC appointment to JBEI Advisory Board
- Collaborative research on cellulosic biomass with MIT
- NCERC appointed to Madison County Energy Advisory Board
- Completed most operating days in the history of the NCERC Pilot Plant, exceeding 180 operations days
- Completed largest contractual research project in the history of the NCERC, exceeding 150 days and \$2.5 million

11.3 Evidence of Support for State, SIU System, and SIU Campus Priorities

State Priorities

State law requires the NCERC to form collaborative research teams; to provide training and services to the ethanol industry; to coordinate industry research needs by pursuing external funding sources; to provide hands-on training for the biofuels workforce; to serve as an independent, third-party validator; to advocate for renewable energy; to provide consultation services; and to develop demonstration projects. With more than 50 technologies now in the commercial marketplace, NCERC has provided valuable services to the biofuels industry, students, government agencies, and society as a whole.

SIU System Priorities

Through its partnerships with SIUC researchers, NCERC creates research opportunities for faculty and students across the SIU system.

SIUE Campus Priorities

NCERC continues to support SIUE's core mission of undergraduate education by providing educational opportunities to countless SIUE student workers, graduate students, and interns. The NCERC has also developed two new undergraduate "focus areas" within the Integrative Studies baccalaureate program at SIUE. NCERC has generated millions of dollars in funding from competitive grants and private client contracts. A significant portion of these funds has been returned to SIUE in the form of indirect dollars, which support the university's operating expenses and administrative services.

11.4 Evidence of Support for Center/Institute Objectives

The NCERC achieves its objectives through its mission of ACRE: Advocacy, Commercialization, Research, and Education. As the legislative, educational, and industry-focused service and activities demonstrate, NCERC worked hard to fulfill its reputation as a private/public partnership that works in FY2016.

Legislative Outreach

- Growth Energy Advocacy Conference – Outreach and education on critical national issues facing biofuels and ethanol industries.
- Consumer Fuel Choice for Illinois
 - The NCERC is a member of a coalition working to pass Consumer Fuel Choice for Illinois in the Illinois General Assembly. The legislation eliminates a decades old incentive for E10, provides the state with more than \$130M in savings per year, and includes grant dollars for biofuels research and development for which the NCERC would be eligible to apply.
- Environmental Protection Agency – Testify at Public Hearing
 - “Proposal to Lower the Volume Obligations under the Renewable Fuels Standards (RFS) for 2014, 2015, 2016, 2017”
- Environmental Protection Agency – Submitted Comments
 - The NCERC submitted comments to the EPA regarding “Proposal to Lower the Volume Obligations under the Renewable Fuels Standard (RFS) for 2014, 2015, 2016.”
- Congressman Davis Agriculture Advisory Committee
 - NCERC Director John Caupert serves on the Agriculture Advisory Committee of U.S. Congressman Rodney Davis (IL-13), as the biofuels industry advisor.
- Congressman Bost Agriculture Advisory Committee
 - NCERC Director John Caupert serves on the Agriculture Advisory Committee of U.S. Congressman Mike Bost (IL-12), as the biofuels industry advisor.
- Senator Kirk Agriculture Advisory Committee
 - NCERC Director John Caupert serves on the Agriculture Advisory Committee of U.S. Senator Mark Kirk, as the biofuels industry advisor.

Conferences

- July 15, 2015 – Illinois Renewable Energy Conference – Arun Athmanathan
- July 26-29, 2015 – American Society of Agricultural and Biological Engineers – Parisa Fallahi
- August 19-21, 2015 – American Coalition for Ethanol Conference - John Caupert
- Sept. 14-17, 2015 – Growth Energy Advocacy Conference – John Caupert
- February 9-11, 2016 – TAACCCT 2016 Convening – Shauna Horn and Diana Nastasia
- February 15-17, 2016 – National Ethanol Conference – John Caupert
- February 20-23, 2016 – Growth Energy Leadership Conference – John Caupert and Courtney Breckenridge
- April 19-22, 2016 – LLC Innovate 2016 – Shauna Horn
- May 12-15, 2016 - Distillers’ Grain Technology Council Symposium – John Caupert and Sabrina Trupia
- June 5-7, 2016 – Reaching the Millennial Workforce – Paul Kuebrich
- June 6- 8, 2016 - Corn Utilization Technology Conference – John Caupert and Sabrina Trupia
- June 19-22, 2016 – Fuel Ethanol Workshop – John Caupert, Terry Lash, Paul Kuebrich, Eric Beasley
- June 27-29, 2016 – Jobs for the Future – Diana Nastasia
- June 27-30, 2016 – Siemens Automation Summit – John Caupert and Terry Lash

Committees

Director John Caupert serves on the following committees and boards:

- Agriculture Advisory Council – 12th Congressional District of Illinois
- Agriculture Advisory Council – 13th Congressional District of Illinois
- Agriculture Advisory Council –Senator Mark Kirk
- Alternate Fuels Commission – Governor Appointee
- American Coalition for Ethanol (ACE)
- BioSTL Coalition
- Growth Energy
- Illinois Corn Growers Association
- Illinois Farm Bureau
- Illinois Policy Action Network
- International Fuel Ethanol Workshop (IFEW) - Strategic Planning Committee
- Renewable Fuels Association - Co-Products Committee
- Southern Illinois University – College of Agricultural Science, Executive Leadership Board
- Southern Illinois University Edwardsville – Past President, University Staff Senate
- Southern Illinois University Edwardsville – University Planning and Budget Council
- St. Louis Regional Chamber – Illinois Public Affairs Committee and Energy and Environment Committee
- St. Louis Agribusiness Club – Congressional Committee
- United States Senate – Rural Summit, Illinois Representative of Senator Dick Durbin

Assistant Director Courtney Breckenridge serves on the following committees and boards:

- Madison County Energy Advisory Board
- Lewis and Clark Community College Process Operations Technology Advisory Board
- BioSTL Diversity Inclusion Initiative Committee
- St. Louis Agribusiness Club

Assistant Director Sabrina Trupia serves in the following capacity:

- Member, Technical Advisory Board, Bioprocess Technology, Triton College
- Mentor, Michigan State University, MTRAC Program for the Bio-Economy
- Reviewer, Advanced Research Projects Agency-Energy Open project
- Reviewer, Cereal Chemistry (AACC)
- Reviewer, Industrial Crops and Products (Elsevier)

11.5 Evidence of Organizational Effectiveness

Organizational Effectiveness:

For a year, in which the industry the NCERC serves, were some of the most tumultuous times in history, the NCERC far exceeded its target performance measures for the year. While the NCERC set a target of 56, we completed this fiscal year with 65. In other words, the NCERC exceeded its target performance measures by 116%.

The NCERC was repeatedly called upon, in the form of “Outreach,” to communicate on the impact on Biofuels Research and Development, based on biofuels ruling proposals made by the Federal EPA.

The one area where the NCERC fell short of target performance was in presentations. The NCERC set a target of conducting a presentation per month, for the fiscal year, and came up a bit short, achieving eight professional presentations for the year. This can be explained by the extraordinary amount of time spent by the NCERC on Outreach, as explained directly above.

12. Institutional Assessment

12.1 Date of Last Review _____

12.2 Decision at Last Review _____ Center/Institute in Good Standing
_____ Center/Institute Flagged for Priority Review
_____ Center/Institute Suspended

12.3 Explanation _____

RESOURCES: (NCERC at SIUE)

Financial Resources	F2016	FY2015	FY2014	FY2013	FY2012	FY2011
Revenues						
Beginning Cash		(634,547)	(121,822)	531,408	855,491	562,380
State Appropriations	293,198	345,000	441,500	350,000	350,000	424,000
Client Contractual Research	3,565,655	2,669,000	1,365,904	2,567,053	1,870,232	2,004,012
Grants	767,915	425,000	150,000	250,000	495,231	381,280
Other Revenue	310,567	0	0	0	108,090	166,795
Foundation	140,000	100,000	100,000	0	0	0
Total Revenues	5,077,335	2,904,453	2,057,404	3,698,461	3,679,044	3,538,467
Expenditures*						
Salaries	1,377,000	1,200,000	1,110,658	1,035,504	1,043,572	982,785
Fringe Benefits	598,549	320,000	257,237	284,309	258,103	188,529
Operational Expenses	1,366,244	1,401,000	1,324,056	2,500,470	1,845,961	1,511,662
Total Expenditures	3,341,793	2,921,000	2,691,952	3,820,283	3,147,636	2,682,976
Revenue Minus Expenditures	1,735,542	(16,547)	(634,547)	(121,822)	531,408	855,491

* **FY2016: Revenue – Expenditures = \$192,361**

* Categorize expenditures in easily understood, consistent categories (e.g., salaries, Graduate Assistant support). Add additional rows as necessary.

Staffing (Full Time Equivalent)	FY2016	FY2015	FY2014	FY2013	FY2012	FY2011
Faculty	1	1	1	2	2	2
Staff	16	16	15	17	14	14
Student Workers, Interns, GA's	15	4	3	4	5	5
Post Doc – Research Fellows	2	2	2	0	0	0
Extra Help Employees, both through SIUE Extra & External Staffing Firms per year!						
Total Staffing	34	23	21	23	21	21

CENTERS AND INSTITUTES
ANNUAL REPORTING

Report For: July 1, 2015 – June 30, 2016

(IBHE Approved and/or Illinois State Statute Established Only) *

1.	Reporting Institution	SIUE						
2.	Center/Institute	The University Museum						
3.	Date	2/13/2017						
4.	Director	Erin Vigneau-Dimick Collections Manager						
4.1	Telephone	618-650-2996						
4.2	E-mail	evigneau@siue.edu						
5.	Year Established	1979						
6.	Illinois State Statute (if pertinent)	N/A						
7.	Reporting Unit	College of Arts & Sciences						
8.	Type	<div style="text-align: center;">Activity (check all that apply)</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">Instructional</td> <td style="border: 1px solid black; text-align: center; width: 30%; padding: 2px;">X</td> </tr> <tr> <td style="padding: 2px;">Research</td> <td style="border: 1px solid black; text-align: center; padding: 2px;">X</td> </tr> <tr> <td style="padding: 2px;">Public Service</td> <td style="border: 1px solid black; text-align: center; padding: 2px;">X</td> </tr> </table>	Instructional	X	Research	X	Public Service	X
Instructional	X							
Research	X							
Public Service	X							

* Complete this form for each center and institute established (or that is in the process of being established) through the Illinois Board of Higher Education approval process (23 Illinois Administrative Code 1050) or by specific Illinois state statute. See University Guideline 2.4 for details. This report will be completed by the center or institute after conclusion of the academic/fiscal year.

9. Overview

9.1 Description

The University Museum of Southern Illinois University Edwardsville, founded in 1979, is a repository and interpretive center whose interdisciplinary collections include more than 60,000 two- and three-dimensional objects of fine art, architecture, history, ethnology, archaeology and the natural sciences. Highlights of the collection include the Louis Sullivan Ornament Collection donated by the architectural photographer Richard Nickel and the Harrington Collection of over 15,000 artifacts with strengths in Native American, Asian and African ethnology, as well as fossils from Cenozoic through Paleozoic eras.

9.2 Mission

The University Museum supports the instructional, research and public service functions of Southern Illinois University Edwardsville through the collection, interpretation, preservation, presentation and exhibition of tangible, physical objects which relate directly or indirectly to the various academic programs offered by the university to its students and the greater community which it serves.

9.3 Objectives

Advancing the academic mission via:

- Providing meaningful opportunities for hands-on experiential learning outside of the classroom.
- Encouraging and facilitating research engaged with the museum's culturally diverse art and artifact collection for faculty, students and members of the general public.
- Serving as a visitor gateway to the campus and the university through outreach and interactive experiences.

10. Advisory Board

10.1 Advisory Board - Membership

The SIUE University Museum Advisory Board

- Associate Professor Laura Milsk-Fowler; History Dept.
- Associate Professor Cory Willmott; Anthropology Dept.
- Associate Professor Barbara Nwacha; Chair, Art & Design Dept.
- Associate Professor Luci Kohn; Biology Dept.
- Professor Bill Retzlaff; Associate Dean, College of Arts & Sciences
- Professor Gregory Budzban; Dean, College of Arts & Sciences
- Instructor Erin Vigneau-Dimick; Collections Manager, University Museum

10.2 Number of Meetings (In This Year) The board was constituted in FY 2017

11. Annual Performance

11.1 Performance Measures *

Measure	Target for Year	Results in Year
1. External exhibits	2 exhibits	2 exhibits
2. Internal Exhibits	3 exhibits	3 exhibits
3. Academic research (Faculty & Student)		68 researchers
4. Public/scholarly research		11 researchers
5. Lectures/programming	1 lecture	2 lectures
6. Program review	1 review	1 review

* Center/institute-defined measures and targets. Depending on the particular center/institute, these may include intellectual contributions (such as publications), grants, public service activities.

11.2 Major Accomplishments (In This Year)

<ul style="list-style-type: none"> • <i>(out of) Dialogue: A Selection of Prints from the University Museum Collection</i> (Exhibit at The Edwardsville Arts Center)(2/12 – 3/18/16) <ul style="list-style-type: none"> ○ Curated by Visiting Professor Matty Kleinberg ○ Featured 31 works from the Museum's collections • <i>Cloisonné Art</i> (exhibit in Lovejoy Library, 2nd floor)(12/2015) <ul style="list-style-type: none"> ○ Curated by Assoc. Professor Laura Milsk-Fowler and Museum Studies students Meghan Bellitto, Joseph Young (HIST582) ○ Featured 17 artifacts from the Museum's collections • <i>Redmond Center Exhibit</i> (Eugene B. Redmond Collection and Learning Center, 2nd Floor, Lovejoy Library) (10/2015) <ul style="list-style-type: none"> ○ Curated by Museum Studies student Jenni Bogovich (HIST 590) ○ Featured 9 artifacts from the Museum's collections • <i>Wayang Golek Puppets</i> (Exhibit in Anthropology, Peck Hall) <ul style="list-style-type: none"> ○ Curated by Assoc. Professor Cory Willmott and Anthropology student Mariah Huelsmann (ANTH 491) ○ Featured 4 artifacts from the Museum's collections
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11.3 Evidence of Support for Illinois Public Agenda, SIU Board of Trustees, and SIU Campus Strategic Planning

<p>The University Museum serves the citizens of Illinois via numerous programs and activities. Through hands-on opportunities for learning and research, exhibits and programming the University Museum provides an enriching experience for students, scholars and the public, connecting them to fine art, historical objects, natural history specimens and diverse cultural artifacts.</p>
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11.4 Evidence of Support for Center/Institute Objectives

<ul style="list-style-type: none"> ○ <u>Encouraging and facilitating research engaged with the museum's culturally diverse art and artifact collection for faculty, students and members of the general public.</u> <ul style="list-style-type: none"> ▪ Faculty and students (undergraduate and graduate) from the departments of Anthropology, Museum Studies/History and Art & Design carried out independent research utilizing materials from the archives of the University Museum. The University Museum facilitates internal extended loans of materials for use in the Anthropology Department's Ethnology Museum Laboratory to improve student and faculty access. Completed projects this year included exhibitions: <ul style="list-style-type: none"> ▪ <i>Cloisonné Art</i>; Assoc. Professor Laura Milsk-Fowler; Museum Studies students Meghan Bellitto, Joseph Young (HIST582) ▪ <i>Wayang Golek Puppets</i>; Assoc. Professor Cory Willmott and Anthropology student Mariah Huelsmann (ANTH 491)
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- *Redmond Center*; Museum Studies student Jenni Bogovich (HIST 590)
 - Museum staff worked with external researchers on inquiries and projects involving fine art, natural history, ethnography, architectural history including scholars and curators from;
 - Tarble Art Center, Eastern Illinois University; Chicago Historical Society; City Museum, St. Louis;
 - In addition to research inquiries and visits, the University Museum loaned objects from the collections for scholarly exhibitions:
 - *Kingdom Animalia*; Tarble Art Center, Eastern Illinois University
- Providing meaningful opportunities for hands-on experiential learning outside of the classroom.
 - In coordination with faculty of multiple disciplines from the College of Arts and Sciences, the University Museum has facilitated formal and informal hands-on educational experiences utilizing art and artifacts from the collections. These have included:
 - on-site faculty-led interactive research experiences for students visiting the archive (Museum Studies, Studio Art, Anthropology)(HIST581, Museum Studies; ART202C Introduction to Ceramics; ART 305/520 Advanced Ceramics; ANTH404 Anthropology and the Arts; ANTH491 Senior Project)
 - graduate student-directed curation of exhibits for the Museum Studies and Art History courses (HIST590 Internships in Museology; HIST 582; ART481 History of Modern Art)
 - undergraduate student-directed curation of exhibits for the Anthropology senior project (ANTH491)
 - professional-level practicums for Museum Studies students in the University Museum archive (HIST581 Management of Museum Collections; HIST590 Internships in Museology; HIST582 Practicum in Exhibition and Program Development)
- Serving as a visitor gateway to the campus and the university through outreach and interactive experiences.
 - As an aspect of outreach programming to connect with and enrich the surrounding St. Louis regional community, the University Museum has partnered with the non-profit Edwardsville Arts Center (annually since 2008) to bring exhibitions and programming to the Edwardsville community and the public at large.
 - Exhibition 2/2016:
 - *(out of) Dialogue: A Selection of Prints from the University Museum Collection*; curated by Visiting Professor Matty Kleinberg; features 31 works from the Museum's collections
 - Programming:
 - Lecture for the public and Museum studies students by Collections Manager Erin Vigneau-Dimick and Preparator Mike Whisenhunt
 - Active loan program, enriching community relationships regionally and state-wide
 - Tarble Art Center, Eastern Illinois State University (2014)
 - Cahokia Mounds Historical Site (ongoing)
 - Parkin Archeological State Park (ongoing)
 - Edwardsville Arts Center Sculpture Garden (ongoing)
 - The City Museum, St Louis, MO (ongoing)

11.5 Evidence of Organizational Effectiveness

As a unit, which is specifically engaged with curricular necessity, scholarly research and campus and community outreach, the University Museum has had an effective year. The unit hired a Museum Preparator in January 2016 to facilitate the movement, exhibition, care and tracking of the Museum's vast collections. Staffing this role allowed us to be more effective in delivery of our services and reach a greater audience. Additionally, the filling of this position serves to increase the Museum's ability to care for the 60,000 artifacts that it holds. The Museum participated in a Museum Assessment Program review in April of 2016. This national level review will be used in formulating our strategic plan as the museum moves forward towards accreditation and better serving the university and the community. Throughout the year we partnered with internal stakeholders, regional and state-wide non-profit and for-profit organizations. These partnerships brought valuable exposure to the Museum and the university through activities to exhibit and study objects from our rich collections.

12. Institutional Assessment

12.1 Date of Last Review

12.2 Decision at Last Review

_____ Center/Institute in Good Standing
_____ Center/Institute Flagged for Priority Review
_____ Center/Institute Suspended

12.3 Explanation

RESOURCES: (Center/institute name)

Financial Resources	FY2016	FY2015	FY2014	FY2013	FY2012
Revenues					
State Appropriations	36,922	43,671	72,053	70,044	100,485
Income Fund	55,382	65,507	108,080	105,066	150,728
Grants & Contracts	0	0	0	0	0
Foundation Funds	0	0	0	26,168	20,325
Transfers from CAS	7,001	5,825	5,310	0	0
Other Revenue/Sales	0	0	100	0	0
Total Revenues	99,305	115,003	185,543	201,278	271,538
Expenditures*					
Salaries (staff & graduate assistants)	77,033	93,130	153,501	150,554	199,538
Wages	120	1,300	9,532	12,915	41,385
Travel	0	378	0	0	1,816
Equipment	716	105	1,529	1,473	3,469
Commodities	2,369	2,261	4,502	12,257	4,308
Contractual Services	11,499	11,700	10,501	16,253	11,306
Automotive	5,379	5,475	5,525	5,572	5,761
Telecommunication	2,514	3,520	2,874	3,445	3,452
Total Expenditures	99,630	117,869	187,964	202,469	271,035
Revenue Minus Expenditures	(325)	(2,866)	(2,421)	(1,191)	503

* Categorize expenditures in easily understood, consistent categories (e.g., salaries, Graduate Assistant support). Add additional rows as necessary.

Staffing (Full Time Equivalent)	FY2016	FY2015	FY2014	FY2013	FY2012
Faculty	1.5 FTE	.90 FTE	.40 FTE		
Staff		1.0 FTE	1.0 FTE	3.5 FTE	4.5 FTE
Graduate Assistants	.75 FTE	.75 FTE	1.60 FTE		
Total Staffing	2.25 FTE	2.65 FTE	3.0 FTE	3.5 FTE	4.5 FTE

CENTERS AND INSTITUTES
ANNUAL REPORTING

Report For: July 1, 2015 – June 30, 2016

(IBHE Approved and/or Illinois State Statute Established Only) *

1.	Reporting Institution	Southern Illinois University Edwardsville
2.	Center/Institute	WSIE-FM
3.	Date	02/10/2017
4.	Director	Steve Jankowski
	4.1 Telephone	618-650-3607
	4.2 E-mail	stejank@siue.edu
5.	Year Established	1970
6.	Illinois State Statute (if pertinent)	N/A
7.	Reporting Unit	Office of the Chancellor/University Marketing & Communications
8.	Type	Activity (check all that apply)
	Instructional	X
	Research	
	Public Service	X

* Complete this form for each center and institute established (or that is in the process of being established) through the Illinois Board of Higher Education approval process (23 Illinois Administrative Code 1050) or by specific Illinois state statute. See University Guideline 2.4 for details. This report will be completed by the center or institute after conclusion of the academic/fiscal year.

9. Overview

9.1 Description

Serving the greater St. Louis area and southwestern Illinois, WSIE-FM provides quality music programming, news, SIUE sports and student programming for a widely diverse listenership, while broadening the visibility of the university and enhancing its image as an essential regional resource.

9.2 Mission

WSIE will provide a public service to SIUE, the greater St. Louis area and the southwestern Illinois region through the delivery of professionally constructed radio programming while furthering the educational process for SIUE students across multiple disciplines.

9.3 Objectives

WSIE will strive to achieve the development, promotion and provision of a radio station format which engenders listener loyalty, underwriting, and on-going financial support with the desired outcome of seeing the radio station financially self-sustained by the end of Fiscal Year 2018. WSIE-FM will also strive to serve the communication needs of SIUE, the greater St. Louis area and the southwestern Illinois region through the delivery of community-focused news, sports and public affairs programming. WSIE-FM will strive to provide SIUE students with a myriad of opportunities to work in, and experience the business of radio broadcasting through interaction with the professional staff of WSIE through the development and execution of high-quality student programming.

10. Advisory Board

10.1 Advisory Board - Membership

The WSIE-FM advisory board is comprised of SIUE faculty, staff and alumni, as well as supporters of the radio station from the surrounding region. Members are Dr. Gregory Budzban, Ms. Bonni Burns, Mr. Jason Coomer, Ms Kim Durr, Ms. Sandy Hardy Chinn, Dr. Elza Ibroshceva, Mr. Bob Kochan, Mr. Doug McIhagga, and Mr. Daryl McQuinn.

10.2 Number of Meetings (In This Year) Two: October 28, 2015 & April 8, 2016

11. Annual Performance

11.1 Performance Measures *

Measure	Target for Year	Results in Year
1. Generate \$12,000.00 per month in revenue	\$144,000.00	\$54,120.55
2. Increase Volunteer participation	Three Volunteers	Twelve (12)
3.		
4.		
5.		

* Center/institute-defined measures and targets. Depending on the particular center/institute, these may include intellectual contributions (such as publications), grants, public service activities.

11.2 Major Accomplishments (In This Year)

- Welcomed new interim general manager after previous GM retired Dec. 31, 2015.
- Began format change in February with the addition of Blues and R&B to the playlist.
- Completed re-branding of the radio station conducted with the assistance of a graduate-level Mass Communications class, launching the new brand (88-7 the Sound). The new format is a combination of jazz, smooth jazz, blues and R&B designed to broaden the audience as well as entice more businesses to underwrite station programming.
- In May 2016, we generated more than \$11,000.00 in donations and underwriting revenue.
- With the launch of the new brand, a new logo was developed, as was an on-air promotional package which includes professionally recorded liners and bridges.
- We successfully recruited, hired and trained student and volunteer voice-trackers, who provide a “sound-live” presence to all dayparts of the radio station format.
- We hired two student workers who are responsible for upgrading the social media presence of the radio station.
- In keeping with the new brand of the radio station, we launched a redesigned web site. The on-air stream from the web site has generated donations from states, including California, New Hampshire, New Jersey, Colorado; and international locations including Mexico City.
- WSIE launched a successful fund-raising campaign to WSIE alumni which generated almost \$1,500.00 in donations and more than 100 hours of volunteer service.
- WSIE also entered into partnerships with the Edwardsville/Glen Carbon Chamber of Commerce, and served as the media sponsor for the 2016 Edwardsville Arts Fair. We also began the negotiations for similar partnerships with the Belleville, IL and Collinsville, IL Chambers.
- We instituted a listener call-in line, which enables our listeners to share what they think about the format, leave messages for our announcers, and make requests. The recorded messages are then used to produce on-air promos for the radio station format and brand.
- WSIE staff worked with the Surplus Property department to remove unwanted and unused furniture, work stations and file cabinets from the station’s main offices, creating a much more professional and welcoming atmosphere.

11.3 Evidence of Support for Illinois Public Agenda, SIU Board of Trustees, and SIU Campus Strategic Planning

WSIE continued to broadcast promotional announcements designed to increase awareness of the effectiveness of SIUE as an educational institution. WSIE also broadcast promotional announcements on the new out-of-state tuition program. WSIE also broadcast Cougar athletic contests, including men’s and women’s basketball, men’s baseball and women’s softball.

11.4 Evidence of Support for Center/Institute Objectives

Staff of WSIE reached out to the Department of Mass Communications, the Department of Theater, and the College of Arts and Sciences to increase student engagement with the radio station. WSIE also broadcast Segue, a program designed to provide information about the university's relationship with the greater community. The program also provides insights into the working of and programs associated with the SIUE College of Arts & Sciences.

11.5 Evidence of Organizational Effectiveness

We completed a major cleaning of the main office, including clearing old files, furniture and debris. We also moved the public inspection file and created a registration process for viewing required documents. We also investigated means of saving money in light of the budget crisis and switched to a new automation software programming system for the delivery of our on-air programming, realizing a savings of \$1,300.00 per year. We conducted a SWOT Exercise and constructed a better defined mission statement. We continue to operate this radio station 24 hours a day, seven days a week with a full time, professional staff of two (Director & Chief Engineer).

12. Institutional Assessment

12.1	Date of Last Review	<u>FY 2015</u>
12.2	Decision at Last Review	<input checked="" type="checkbox"/> Center/Institute in Good Standing <input type="checkbox"/> Center/Institute Flagged for Priority Review <input type="checkbox"/> Center/Institute Suspended
12.3	Explanation	<hr/>

RESOURCES: (WSIE Radio)

Financial Resources	FY2016	FY2015	FY2014	FY2013	FY2012
Revenues					
State Budget	141,240.00	184,028.00	171,089.00	168,373.00	\$132,086.00
One-time Funding	.00	38,814.00	.00	19,375.00	7,300.00
Grants & Contracts	.00	.00	.00	.00	.00
Fees from Underwriters	23,213.50	52,646.00	53,898.00	35,976.87	29,722.15
Rental Revenue	8,736.00	9,032.98	10,854.13	17,767.79	17,328.86
Listener Gifts to Foundation	22,171.05	10,795.16	14,522.44	10,690.68	10,551.40
Other-Miscellaneous					
Total Revenues	195,360.55	\$295,316.14	\$250,363.62	\$252,183.34	\$196,988.41
Expenditures*					
Salaries	70,391.84	\$150,212.86	\$181,764.47	\$187,446.75	\$274,258.31
Wages	75,479.58	24,032.19	23,411.29	17,045.55	15,833.73
Equipment	588.00	.00	1,497.74	729.97	956.56
Commodities	2,111.43	16.27	158.31	2,801.11	682.52
Contractual Services	25,725.43	26,110.06	41,991.25	59,317.75	79,329.01
Telecom	8,379.10	7,973.47	9,703.06	9,017.68	25,732.20
Expenditure from Foundation Acct.	3,251.70	9,883.97	2,326.63	7,205.64	2,000.00
Total Expenditures	\$185,927.08	\$218,228.82	\$260,852.75	283,564.45	\$398,792.33
Revenue Minus Expenditures	\$9,433.47	\$77,087.32	(\$10,489.13)	(\$31,381.11)	(\$40,576.63)

* Categorize expenditures in easily understood, consistent categories (e.g., salaries, Graduate Assistant support). Add additional rows as necessary.

Staffing (Full Time Equivalent)	FY2016	FY2015	FY2014	FY2013	FY2012
Faculty					
Staff	2	2.5	2.5	2.5	2.5
Student workers	4	4	4	4	4
Total Staffing	6	6.5	6.5	6.5	6.5

CENTERS AND INSTITUTES
ANNUAL REPORTING

Report For: July 1, 2015 – June 30, 2016

(IBHE Approved and/or Illinois State Statute Established Only) *

1.	Reporting Institution	Southern Illinois University School of Medicine
2.	Center/Institute	Center for Alzheimer's Disease and Related Disorders (CADRD), including the Parkinson Disease Center (PDC)
3.	Date	February 1, 2017
4.	Director	Tom Ala, MD, Interim Director
4.1	Telephone	217-545-7197
4.2	E-mail	tala@siumed.edu
5.	Year Established	1987
6.	Illinois State Statute (if pertinent)	Public Act 90-0404
7.	Reporting Unit	Southern Illinois University School of Medicine
8.	Type	Activity (check all that apply)
	Instructional	X
	Research	X
	Public Service	X

* Complete this form for each center and institute established (or that is in the process of being established) through the Illinois Board of Higher Education approval process (23 Illinois Administrative Code 1050) or by specific Illinois state statute. See University Guideline 2.4 for details. This report will be completed by the center or institute after conclusion of the academic/fiscal year.

9. Overview

9.1 Description

The SIU Center for Alzheimer's Disease and Related Disorders (CADRD) was established as a Regional Alzheimer's Disease Assistance Center by the state of Illinois, pursuant to Public Act 90-0404. CADRD is dedicated to assisting patients and families who may be affected by Alzheimer's disease and related conditions through patient care, education, research, and service to the community. The Parkinson Disease Center (PDC) was established by the Illinois state government to address the needs of Parkinson disease patients in the region. The PDC is currently administered by the SIU Department of Neurology through the CADRD and is incorporated into this center's report.

9.2 Mission

To be a resource for the citizens of downstate Illinois for medical treatment, education, and research related to dementing diseases.

9.3 Objectives

As defined by Illinois Public Act 90-0404, which established the SIU School of Medicine program as a Regional Alzheimer's Disease Assistance Center, the center is expected to provide the following:

1. Comprehensive diagnosis and treatment facilities and services which have (i) professional medical staff specially-trained in geriatric medicine, neurology, psychiatry and pharmacology, and the detection, diagnosis and treatment of Alzheimer's disease and related disorders, (ii) sufficient support staff who are trained as caregivers to victims of Alzheimer's disease and related disorders, (iii) appropriate and adequate equipment necessary for diagnosis and treatment, (iv) transportation services necessary for outreach to the service area defined by the Illinois Department of Public Health and for assuring access of patients to available services, (v) and such other support services, staff and equipment as may be required;
2. Consultation and referral services for victims and their families to ensure informed consent to treatment and to assist them in obtaining necessary assistance and support services through primary Alzheimer's providers and various private and public agencies that may otherwise be available to provide services under this Act;
3. Research programs and facilities to assist faculty and students in discovering the cause of and the diagnosis, cure and treatment for Alzheimer's disease and related disorders;
4. Training, consultation and continuing education for caregivers, including families of those who are affected by Alzheimer's disease and related disorders;
5. Centralized data collection, processing and storage that will serve as a clearinghouse of information to assist victims and families and Alzheimer's Disease Assistance Center Resources, and to facilitate research; and
6. Programs of scientific and medical research in relation to Alzheimer's disease and related disorders that are designed and conducted in a manner that may enable such centers to qualify for federal financial participation in the cost of such programs.

10. Advisory Board

10.1 Advisory Board - Membership

SIU Primary Provider Advisory Board: The SIU Primary Provider Advisory Board is CADRD's advisory board. This board consists of the coordinators of each of the Alzheimer Center's Primary Provider sites approved by the Illinois Department of Public Health.

SIU Primary Provider Advisory Board members in FY2016 are:

- Patty Schleper, Alton Memorial Hospital, Alton;
- Courtney McFarlin, Memory Care Center of St. Anthony's Hospital, Alton;
- Anita Sirevaag, Memorial Hospital, Belleville;
- Sandy Radford, St. Joseph's Hospital, Breese;
- Scott Arbaugh, Northwest Psychiatric, Breese;
- Jen Hammonds, SIU Family Medicine Center, Carbondale;
- Kathryn Rhoads, Circle of Friends Adult Day Center, Champaign;
- Karie Gerdes, Prairieview Lutheran Home, Danforth;
- Mary Crisler, St. Mary's Hospital, Decatur;
- Kim White, SIU School of Nursing, Edwardsville/East St. Louis;
- Linda Warner, Heartland Human Services, Effingham;
- Debbie DeVall, Clay County Hospital – Senior Renewal, Flora;
- Gloria Koch, Cottage Neuroscience, Galesburg;
- Connie Duncan, Family Counseling Center, Golconda/Vienna/Elizabethtown;
- Jodi Schoen, HSHS Holy Family Hospital, Greenville;
- Lynn Sellers, Montgomery County Health Department, Hillsboro;
- Tracy Kistner, Jersey Community Hospital, Jerseyville;
- Kelly Shiraki, McDonough District Hospital, Macomb;
- Kay McDade, Sarah Bush Lincoln Health Center, Mattoon;
- Dennis Duke, Robert Young Center for Community Mental Health, Moline;
- Michelle Brown, Pinecrest Community, Mount Morris;
- Valerie Duff, St. Mary's Good Samaritan Inc., Mount Vernon/Centralia;
- Sandy Burgener, Community Resource and Counseling Center, Paxton;
- Jackie Bowers, Institute of Physical Medicine and Rehabilitation, Peoria;
- Amy Bomarito, Evenglow Inn, Pontiac;
- Ann Jirmasek, SIU School of Medicine Memory and Aging Clinic, Springfield.

At this time, there are vacancies from the following sites:

- FHN, Freeport;
- Passavant Hospital, Jacksonville;
- Hamilton District Hospital, McLeansboro;
- Genesis Health Group, Moline;
- OSF St. Francis, Peoria;
- OSF Illinois Neuroscience Institute, Rockford;
- Canterbury Ridge Assisted Living, Urbana.

10.2 Number of Meetings (In This Year) 1

11. Annual Performance

11.1 Performance Measures *

Measure	Target for Year	Results in Year
1. Evaluations of new patients (Springfield site)	375	691
2. Evaluations of new patients (network)	700	445
3. Follow-up patient visits (Springfield site)	1,500	2,648
4. Follow-up patient visits (network)	700	526
5. Educational programs (Springfield providers) – Number of Programs	100	94
6. Educational programs (Springfield providers) - Attendance	4,000	4,376
7. Educational programs (primary provider sites) – Number of Programs	230	253
8. Educational programs (primary provider sites) - Attendance	8,000	9,089
9. Clinical Trial Studies – Number of studies per IRB	15	20
10. Research – Number of publications & presentations	40	43
11. Number of brain autopsies	10	9

* Center/institute-defined measures and targets. Depending on the particular center/institute, these may include intellectual contributions (such as publications), grants, public service activities.

11.2 Major Accomplishments (In This Year)

Major accomplishments of the SIU Center for Alzheimer's Disease and Related Disorders in FY2016 include: 1) evaluation of new patients and continued follow-up with existing patients through the CADRD Springfield site and statewide Primary Provider network sites; 2) continuation of community education and outreach programs such as the *Art Express!* and Music and Memory programs, 3) participation as a residency rotation site for neurology, internal medicine, psychiatry, and family medicine in the center's Memory Disorder Clinic, 4) participation in nine clinical studies into the diagnosis and treatment of Alzheimer's disease, including three investigator-initiated studies and six multi-center clinical trials, 5) submission of several research papers published by the CADRD's basic science faculty, and 6) participation in the development of the new SIU Neuroscience Institute, which includes CADRD.

CARDR is required to report annually on its accomplishments to the Illinois Department of Public Health's Alzheimer's Disease Advisory Committee. This committee provides oversight to the Regional Alzheimer's Centers under PA-0404. CARDR submitted its report to IDPH for FY2016.

11.3 Evidence of Support for Illinois Public Agenda, SIU Board of Trustees, and SIU Campus Strategic Planning

The Center for Alzheimer's Disease and Related Disorders advances several priorities of the state of Illinois, Southern Illinois University, and SIU School of Medicine. As noted, CADRD was established by Public Act 90-0404 as a state-designed Regional Alzheimer's Disease Assistance Center. CADRD has been successful in this role, as evidenced by its continued designation by the state of Illinois as a regional center. The center successfully completed a full program review in 2010-2011 as required by the Illinois Board of Higher Education; this is further evidence that CADRD is meeting the state's expectations for it. The center also supports the Illinois Public Agenda's goal for use of university educational, research, and innovation assets to advance the state's and region's economy. This is evident in CADRD's positive impact on patient care and research.

CARDR also advances goals of the university and the medical school, such as those associated with community outreach, public/private partnerships, and research. The center has been invited

to participate in many local, regional, and state programs sponsored by the Alzheimer's Association, the Alzheimer's Disease Advisory Committee for the Illinois Department of Public Health, and the Illinois Cognitive Resources Network. The center has also collaborated with researchers in other departments both in Springfield and in Carbondale, as well as those in the other two state-designated Regional Alzheimer's Disease Assistance Centers in Chicago, to assist the Illinois Department on Aging in obtaining a Community Living grant. These activities directly support the SIU Board of Trustee's priorities for community partnerships, SIU Carbondale's priority for research and innovation, and SIU School of Medicine's goals for research and professional engagement.

CARDR physicians and other health professional staff provide essential patient care for Alzheimer's patients in the center's Springfield clinics as well as extend their expertise as consulting physicians/professionals throughout the statewide SIU Primary Provider network. As a required component of their educational programs, SIU Neurology, Internal Medicine, Psychiatry, and Family and Community Medicine residents all have required rotations through the center's Memory Disorder Clinic to learn the clinical aspects of Alzheimer's disease, as do SIU medical students and Physician Assistant program students. These activities support medical school and university goals for patient care and workforce development.

11.4 Evidence of Support for Center/Institute Objectives

The Center for Alzheimer's Disease and Related Disorders directly advanced the center's objectives during FY2016. As noted in 11.1 above, patient care, consultation, and referral services were provided in over 3,300 patient visits in CARDR's Springfield site and nearly 1,000 additional patient visits in the SIU Primary Provider network sites. (Those visits were associated with over 1,800 individual patients in the Springfield CARDR clinic and nearly 800 patients in the network sites.) In addition, a major function of the center has been its development and maintenance of its state-mandated Primary Provider Program, which comprised 33 sites in FY2016. These activities support the patient care objectives (Objectives 1 and 2) above. Basic, clinical, and increasingly population health research projects were advanced in FY2016, and efforts to increase them continued in support of the research objectives (Objectives 3 and 6). There were almost 350 educational programs for caregivers and health care providers with attendance above 13,400 in FY2016, in support of CARDR's community educational objective (Objective 4). The center has also developed and maintains three databases of patient data which are used to facilitate research. This supports the centralized data collection objective (Objective 5). Collectively, these activities provide strong evidence that the Center for Alzheimer's Disease and Related Disorders supported its center objectives in FY2016.

11.5 Evidence of Organizational Effectiveness

The strongest evidence of organizational effectiveness is that already presented in the preceding sections. CARDR was favorably reviewed in its most recent program review, receiving particularly high marks for its SIU Primary Provider network and outreach activities. The center continues to be recognized as a leader in the clinical, educational, and research aspects of Alzheimer's disease in Illinois. CARDR faculty and staff members actively participate in regional, state, and national conferences and symposia to present findings from their research, clinical and outreach programs. As discussed above, CARDR is meeting its organizational objectives. Assuming continued financial support from the State of Illinois, the Center for Alzheimer's Disease and Related Disorders is well positioned for success in the future.

12. Institutional Assessment

12.1	Date of Last Review	<u>2011</u>	<hr/>
12.2	Decision at Last Review	<u> X </u>	Center/Institute in Good Standing
		<u> </u>	Center/Institute Flagged for Priority Review
		<u> </u>	Center/Institute Suspended
12.3	Explanation	N/A	<hr/>

RESOURCES: Center for Alzheimer's Disease and Related Disorders

Financial Resources	FY2016	FY2015	FY2014	FY2013	FY2012
Revenues					
State Appropriations	\$0	\$0	\$0	\$0	\$0
Income Fund	0	0	0	0	0
Grants and Contracts	247,615	241,521	211,322	220,020	156,751
State Support via Hospital Contracts ¹	0	122,073	1,464,870	1,469,298	1,400,500
Transfers from SOM ²	331,356	1,177,255	88,008	184,123	228,139
Other Revenues	37,531	32,910	39,311	69,964	61,568
Total Revenues	\$616,502	\$1,573,759	\$1,803,511	\$1,943,405	\$1,846,958
Expenditures ³					
Salaries	\$297,124	\$1,104,046	\$1,106,582	\$1,181,908	\$1,261,792
Fringe Benefits	14,090	8,854	19,583	1,513	3,628
Equipment	0	24,095	28,248	34,142	15,978
Commodities	27,178	46,973	59,145	30,705	32,477
Contractual Services ³	154,717	270,579	313,831	382,891	457,882
Other Expenses	23,128	119,212	276,122	312,246	75,201
Total Expenditures	\$516,237	\$1,573,759	\$1,803,511	\$1,943,405	\$1,846,958
Revenue Minus Expenditures	\$100,265	\$0	\$0	\$0	\$0

* Categorize expenditures in easily understood, consistent categories (e.g., salaries, Graduate Assistant support). Add additional rows as necessary.

1. State Support via Hospital Contracts refers to funds received from the State of Illinois for support of the Center for Alzheimer's Disease and Related Disorders. Changes to the state's Medicaid hospital formula after FY2014 greatly reduced the amount of state support received for the CADRD.
2. Transfers from SOM includes fund transfers from the SIU School of Medicine's reserve or general funds to support the CADRD.
3. Contractual Services are primarily funds to support the Memory and Aging Provider Network, which includes 33 separate sites supporting a 93-county area. Supports information referrals for patients diagnosed with Alzheimer's disease at one of the network sites. Data from these patient encounters are subsequently included in the CADRD's data registry for education, clinical care, and research purposes.

Staffing (Full Time Equivalent)¹	FY2016	FY2015	FY2014	FY2013	FY2012
Faculty	1.0	3.64	4.63	4.05	5.30
Staff	6.56	17.52	18.68	19.67	17.60
Total Staffing	7.56	21.16	23.31	23.72	22.90

1. Staffing (FTE) includes FTEs of those faculty and staff receiving direct salary support from the CADRD.

CENTERS AND INSTITUTES
ANNUAL REPORTING

Report For: July 1, 2015 – June 30, 2016

(IBHE Approved and/or Illinois State Statute Established Only) *

1.	Reporting Institution	Southern Illinois University School of Medicine
2.	Center/Institute	Center for Rural Health and Social Service Development
3.	Date	February 1, 2017
4.	Director	Kim Sanders
4.1	Telephone	618-453-5545
4.2	E-mail	ksanders@siumed.edu
5.	Year Established	1991
6.	Illinois State Statute (if pertinent)	N/A
7.	Reporting Unit	Southern Illinois University School of Medicine
8.	Type	Activity (check all that apply)
	Instructional	
	Research	X
	Public Service	X

* Complete this form for each center and institute established (or that is in the process of being established) through the Illinois Board of Higher Education approval process (23 Illinois Administrative Code 1050) or by specific Illinois state statute. See University Guideline 2.4 for details. This report will be completed by the center or institute after conclusion of the academic/fiscal year.

9. Overview

9.1 Description

The Center for Rural Health and Social Service Development (CRHSSD) provides leadership and professional services – through community engagement, outreach and research – to aid in the development of the health care and social service systems of Illinois’s lower thirty-four counties. The CRHSSD brings together the resources of Southern Illinois University—the faculty, staff and students—to work as partners with area agencies to successfully address the most pressing health and social service problems of the region.

Primary activities of the CRHSSD are grant and project development (identification of grant opportunities, coordination and facilitation of regional development projects with partner collaboration, and the development, coordination, and management of grants); research and evaluation (conducting needs assessments, pilot projects, project evaluations, publishing/presentation of research findings, and development/recommendation of policy alternatives); training and workforce development (conducting regional training needs assessments, developing/coordinating/sponsoring training opportunities, curriculum development for funded projects, provision of continuing education units (CEUs) for social workers and counselors, and facilitation of SIUC student learning, mentoring, and internship opportunities); and community engagement and outreach (representation of the SIU School of Medicine in southern Illinois, provision of technical assistance and content expertise, service in national, state, regional, and local capacities, and development/enhancement of community partnerships, projects and activities).

9.2 Mission

The Center for Rural Health and Social Service Development exists to strengthen southern Illinois’s rural health infrastructure and promote opportunities for enhancing health primarily in rural communities.

9.3 Objectives

To accomplish the goal of being a resource center addressing health and social service issues that impact the lives and productivity of the citizens in southern Illinois, the Center for Rural Health and Social Service Development provides leadership for health and social services development to Southern Illinois University, the southern Illinois region, and the state of Illinois.

Primary objectives of the CRHSSD include:

1. Advance development of the health and social services infrastructure in southern Illinois. Coordinate and conduct program demonstrations. Develop alternative service delivery systems.
2. Develop new knowledge and practice in regional health and social services through increased scholarship and research. Support and coordinate new grant development of community projects and programs. Stimulate and conduct cooperative research.
3. Enhance funding for regional health and social service programs through external grants and contracts. Develop resources to support improvement in the delivery of community health and social service programs.
4. Participate and lead where possible in the development and implementation of public policy associated with regional health and social service programs. Develop policy alternatives and recommendations.
5. Contribute to the development of a well-prepared professional health/social service workforce for the southern Illinois region. Coordinate and conduct continuing education activities for the regional health and social service workforce.
6. Develop and enhance an effective network of community health and social service agencies for the southern Illinois region. Act as a collaborative partner for regional development projects.

10. Advisory Board

10.1 Advisory Board - Membership

CRHSSD Advisory Board: A 15-member advisory board made up of community and university volunteers guides the Center for Rural Health and Social Service Development and acts in a consultative capacity on projects, activities, and overall direction. The board meets once per calendar quarter to stay acquainted with and up-to-date on all CRHSSD projects and plans, in addition to providing valuable input and leadership into development, research, service and training functions.

CRHSSD Advisory Board members in FY2016 are:

- Fred Bernstein, Executive Director, Community Health and Emergency Services, Inc., Cairo
- Brian Chapman, PhD, Special Projects Director, SIU Office of the President
- Cindy Flamm, CEO, Rural Health, Inc., Anna
- Carl Flowers, PhD, Director, SIUC Rehabilitation Institute
- Karen Freitag, Chief Administrative Officer, Centerstone, Carbondale
- John Hamman, PhD, Associate Professor, SIUC Political Science
- Angie Hampton, CEO, Egyptian Public and Mental Health Department, Eldorado
- John Jackson, PhD, Visiting Professor, SIU Paul Simon Public Policy Institute
- Patsy Jensen, Executive Director, Shawnee Health Service, Carterville
- Bill Jung, Executive Director, RIDES Mass Transit District, Harrisburg
- Charla Lautar, PhD, Professor, SIUC College of Applied Sciences and Arts – School of Allied Health
- Quincy Scott, MD, Director, SIU Family and Community Medicine
- Cynthia Sims, SIUC Interim Associate Dean for Academic and Student Affairs
- Kathy Swafford, MD, Pediatric Physician, Anna
- Woody Thorne, Vice President of Community Affairs, Southern Illinois Healthcare, Carbondale

10.2 Number of Meetings (In This Year) 4

11. Annual Performance

11.1 Performance Measures *

Measure	Target for Year	Results in Year
1. External funding generated	\$300,000	\$722,369
2. Grant Applications – Number/Funding Sought	3 projects/ \$250,000	4 projects/ \$5.31 million
2. Publications and Presentations	5	10
3. Continuing Education Programs	5	13
4. Community Collaborations	75	191
5. University Collaborations	10	23

* Center/institute-defined measures and targets. Depending on the particular center/institute, these may include intellectual contributions (such as publications), grants, public service activities.

11.2 Major Accomplishments (In This Year)

In FY2016, the Center for Rural Health and Social Service Development accomplished a number of major projects and continued efforts to enhance the southern Illinois region's health and social services systems.

In collaboration with the Children's Medical and Mental Health Research Network, the CRHSSD celebrated the completion of their first "learning collaborative" which trained 69 regional mental health therapists in Trauma-Informed Cognitive Behavioral Therapy over an 18-month period. Before this effort, there had been only two trained therapists for the 23-county region. The center also provided continuing educational activities for 13 training sessions offering 96.25 continuing education units for regional licensed social workers and licensed professional counselors. Working with the South Central Illinois Regional Planning and Development Commission, the CRHSSD completed an action plan to reduce hospital readmissions in the southern Illinois region, and as a result, submitted the proposal to the Federal Transit Administration's Rides to Wellness funding opportunity to implement the regional plan. As lead agency for the Coordinated Approach To Child Health (CATCH) program in the southern sixteen Illinois Delta counties, the CRHSSD submitted a three-year, \$2.16 million proposal to expand this program, which currently addresses childhood obesity. The proposal encompasses a comprehensive behavioral health component into school health efforts for more than 20,000 students and their families.

The CRHSSD partnered with Rush University Medical Center to receive funding from the Health Resources and Services Administration (HRSA) to support a Geriatric Workforce Enhancement Program (GWEP). In addition to CRHSSD, the interdisciplinary SIU Team includes SIU School of Medicine's Family and Community Medicine, Physician Assistant Program, School of Social Work, Department of Psychology and community partner, Shawnee Alliance for Seniors. This project will educate professionals and non-professionals regarding geriatric conditions, including Alzheimer's disease and related dementias and transform two southern Illinois clinics to better meet the needs of older adults. The SIU Team held its first Inter-Professional Geriatric Focused Training event for 24 students (medical residents, social workers, psychologists and physician assistants) on social determinants of health, utilizing problem-based case studies.

The CRHSSD, as a member of the Illinois Governor's Rural Affairs Council's Emergency Medical Services (EMS) Subcommittee, led the development of the 2016 EMS Summit with the sponsorship of the Illinois Lieutenant Governor's Office. The CRHSSD served as registration and fiscal officer for the event which attracted more than 130 EMS professionals throughout the state. Also in this program year, CRHSSD facilitated the Southern Illinois Behavioral Health Consortium (Region 5 Behavioral Health Network) in hosting a national webcast; and in partnership with the Community Behavioral Health Association (CBHA) and others, hosted and facilitated a regional "Call for Community Solutions" meeting regarding prescription drug/opioid and heroin abuse in the southernmost 33 counties. A background paper to supplement CBHA's

recommendations for combatting this issue was developed by CRHSSD staff. Complementary to this work, the Illinois Department of Human Services' Prescription Monitoring Program received funding from the Centers for Disease Control and Prevention's Prescription Drug Overdose Prevention for States grant and subcontracted with the CRHSSD to target activities in the 16 southern Illinois Delta counties. The CRHSSD has engaged and serves as a liaison to the health departments in the 16 southern counties to increase education, awareness and training for this effort.

The CRHSSD was contracted by Richland Memorial Hospital in Olney to conduct a series of seven focus groups to assist with completion of their Community Health Needs Assessment. The CRHSSD and its community partners obtained a workforce education grant from the Health Resources and Services Administration to train graduate-level social service students regarding trauma-based behavioral health. In FY2016, this program graduated an additional 20 fellows.

The center has been active in seeking grant and contract funding for expanded programs, increasing scholarly output, and participating in professional and community organizations promoting health and social services development. In FY2016, the CRHSSD received \$722,369 in external grants and contracts, \$205,280 of which was reallocated to the surrounding community through various collaborations with health and social service organizations. The CRHSSD submitted four external proposals totaling over \$5.3 million for consideration by funding agencies; awards are pending. CRHSSD staff served on 15 community coalitions and committees, as well as collaborated with numerous organizations, including the Marion VA Medical Center. The staff also presented at four state and national conferences, and disseminated six reports and publications, including a summary of the impact of a Patient Navigator Pilot Program on redirecting non-emergent patients from rural emergency room utilization. This latter article was published in the Journal of Emergency Medical Services.

11.3 Evidence of Support for Illinois Public Agenda, SIU Board of Trustees, and SIU Campus Strategic Planning

The Center for Rural Health and Social Service Development supports the priorities of the State of Illinois, Southern Illinois University, and the SIU School of Medicine. The CRHSSD advances Goal 4 of the Illinois Public Agenda and its call to use "educational, research and innovation assets to meet economic needs of the state and its region." The CRHSSD's reliance on community networks and public/private partnerships and the focus on community service directly support the priorities of the SIU Board of Trustees and SIU Carbondale. The center's mission complements SIU's mission and its call to "improve our communities" and the SIU goal for "collaboration with the broader community in our mutual goals of research translation, workforce education, and economic development and (to) sustain and grow SIU's outreach and service mission." The CRHSSD is a practical example of SIU School of Medicine's mission area of "service to the community" and numerous medical school strategic priorities, including those dealing with workforce development, research, patient health, and engagement with the community.

11.4 Evidence of Support for Center/Institute Objectives

In FY2016, the Center for Rural Health and Social Service Development advanced its center objectives as outlined in 9.3 above. The center's numerous community projects support its primary objective for development of the regional health and social services infrastructure. The CRHSSD had almost 200 active community partnerships in the past year and received over \$700,000 in extramural funding, filtering over \$200,000 back into the southern Illinois region. This positively impacted the region's economy and its health/social services infrastructure; this is evidence of support for the center's community collaboration, research, and funding enhancement objectives. In support of its educational and workforce development objective, the CRHSSD contributes to the educational mission of the university and the medical school by providing learning experiences for student interns and graduate assistants. Students are

RESOURCES: Center for Rural Health and Social Service Development

Financial Resources	FY2016	FY2015	FY2014	FY2013	FY2012
Revenues					
State Appropriations	\$153,576	\$153,576	\$152,742	\$152,742	\$159,663
External Grants	559,282	719,514	1,373,942	989,192	838,506
Contractual/Income	20,793	5,643	66,125	115,200	14,734
Rural Health Initiative ¹	120,000	100,000	60,856	43,752	22,849
Indirect/Overhead Return	14,604	20,144	16,239	26,159	17,708
Total Revenues	\$868,255	\$998,877	\$1,669,904	\$1,327,045	\$1,053,460
Expenditures					
Salary	\$394,576	\$447,468	\$422,367	\$399,632	\$457,468
Fringe	56,372	76,683	73,280	69,096	66,038
Travel	7,210	20,420	22,239	16,115	15,354
Equipment	4,351	0	2,016	0	1,081
Commodities	5,737	58,820	46,756	25,283	5,917
Community/University Program Grants ²	289,405	290,000	869,925	446,645	335,852
Contractual - Other	47,771	23,697	38,545	79,740	47,714
Indirect to University	59,405	65,912	58,878	126,253	119,272
Total Expenditures	\$864,827	\$983,000	\$1,534,006	\$1,162,764	\$1,048,696
Revenue Minus Expenditures	\$3,428	\$15,877	\$135,898	\$164,281	\$4,764

1. The Rural Health Initiative funding is based on state appropriated funds administered by the SIU School of Medicine. These funds support community projects designed to assist rural and underserved areas in central and southern Illinois with increasing access to health care services, improving local health care infrastructure, and identifying educational opportunities for medical students focused upon rural experiences.
2. Community/University Program Grants funds are portions of external grants received by the CRHSSD which are apportioned to community organizations or other SIU units.

Staffing (Full Time Equivalent)¹	FY2016	FY2015	FY2014	FY2013	FY2012
Faculty	0.00	0.00	0.00	0.00	1.00
Staff	7.00	7.00	7.00	9.00	9.00
Extra Help	1.00	2.00	2.00	3.00	2.00
Graduate Assistants	4.00	5.00	5.00	7.00	8.00
Student Workers	0.00	0.00	0.00	0.00	1.00
Total Staffing	12.00	14.00	14.00	19.00	21.00

1. Staffing (FTE) includes FTEs of those faculty and staff receiving direct salary support from the CRHSSD.

CENTERS AND INSTITUTES
ANNUAL REPORTING

Report For: July 1, 2015 – June 30, 2016

(IBHE Approved and/or Illinois State Statute Established Only) *

1.	Reporting Institution	Southern Illinois University School of Medicine										
2.	Center/Institute	Neuroscience Institute										
3.	Date	February 1, 2017										
4.	Director	James M. Gilchrist, M.D.										
4.1	Telephone	217-545-7226										
4.2	E-mail	jgilchrist@siumed.edu										
5.	Year Established	2015										
6.	Illinois State Statute (if pertinent)	N/A										
7.	Reporting Unit	Southern Illinois University School of Medicine										
8.	Type	<table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Activity</td> </tr> <tr> <td colspan="2" style="text-align: center;">(check all that apply)</td> </tr> <tr> <td style="border: none;">Instructional</td> <td style="border: 1px solid black; text-align: center;">X</td> </tr> <tr> <td style="border: none;">Research</td> <td style="border: 1px solid black; text-align: center;">X</td> </tr> <tr> <td style="border: none;">Public Service</td> <td style="border: 1px solid black; text-align: center;">X</td> </tr> </table>	Activity		(check all that apply)		Instructional	X	Research	X	Public Service	X
Activity												
(check all that apply)												
Instructional	X											
Research	X											
Public Service	X											

* Complete this form for each center and institute established (or that is in the process of being established) through the Illinois Board of Higher Education approval process (23 Illinois Administrative Code 1050) or by specific Illinois state statute. See University Guideline 2.4 for details. This report will be completed by the center or institute after conclusion of the academic/fiscal year.

9. Overview

9.1 Description

The SIU Neuroscience Institute (NSI) is a public service institute providing advanced multispecialty clinical care for patients with neurological disorders and/or mental health conditions. The NSI is being developed as a collaboration of SIU School of Medicine's physician practice organization (SIU HealthCare; SIUHC) and Memorial Medical Center (MMC), a principal affiliated teaching hospital of the medical school in Springfield. The NSI coordinates the patient care services of the school's existing Department of Neurology, Department of Psychiatry, and Department of Surgery/Division of Neurosurgery with MMC's neuroscience-related outpatient and inpatient services and facilities.

The institute's physicians, health care staff, and other professionals provide advanced, coordinated treatment to patients from throughout central and southern Illinois who suffer from complex, debilitating neurological or mental disorders. While the institute's focus is primarily patient-care oriented, the NSI provides opportunities and resources for neuroscience-related research, medical and community education, and community outreach. As an institute based in an academic medical center, the NSI is advancing the translation of new and emerging basic research and the application of new medical products and technologies into improved patient care.

The vision of the NSI is to be housed in a single facility on the SIU School of Medicine/ Springfield campus, unifying the outpatient clinical services, research, education and operations related to the above-noted clinical departments and divisions. Once the NSI is fully implemented, patients will have seamless availability within one site to neuroscience and spine specialists, ancillary services, case management and clinical trials, all sharing common scheduling, billing and electronic health record systems. Quality and safety measures, outcomes, patient satisfaction, cost of care, and value will be substantially improved.

9.2 Mission

The SIU Neuroscience Institute's mission is to provide superior comprehensive care for diseases of the nervous system based upon best practices, organized according to disease, and provided in a multidisciplinary environment. Health care coordination, quality monitoring, and shared operations will result in an efficient and seamless patient experience, better outcomes, a lower cost of care, and enhanced value.

9.3 Objectives

Objectives of the SIU Neuroscience Institute include:

- **Clinical Objectives:** The institute will centralize adult neurology, neurosurgery, psychiatry, and related ancillary services in the NSI. It will define and measure patient-oriented outcomes and decrease hospital readmission rates through improved care coordination.
- **Patient Objectives:** The institute will enhance the patient's experience through organization of patient and support services in a single site, and develop shared patient scheduling and registration processes to ease access.
- **Quality Objectives:** The institute will demonstrate coordinated, high-quality care. The NSI will improve physician and staff recruitment, retention, and satisfaction; and will gain staff and operating efficiencies through coordination among institute departments.

The SIU Neuroscience Institute is designed to produce significant clinical, patient/customer, and economic benefits. The NSI will be unique in the region as no other academically-based neuroscience institute or center exists in the Springfield area.

10. Advisory Board

10.1 Advisory Board - Membership

NSI Steering Committee: The NSI Steering Committee provides advice and oversight to the institute's leadership.

NSI Steering Committee members in FY2016 are:

- James Gilchrist, MD, Professor and Chair, Neurology, SIU School of Medicine (Executive Director)
- Jeffrey Cozzens, MD, Professor and Division Chair, Neurosurgery/Surgery, SIU School of Medicine
- Stephen Soltys, MD, Professor and Chair, Psychiatry, SIU School of Medicine (retired 04/30/2016)
- Jeffrey Bennett, MD, Associate Professor and Interim Chair, Psychiatry, SIU School of Medicine
- Michael Neumeister, MD, Professor and Chair, Surgery, SIU School of Medicine
- Wendy Cox-Largent, Associate Provost for Finance and Administration, SIU School of Medicine
- Nelson Weichold, COO/CFO and Executive Director of Clinical Operations and Finance, SIU HealthCare
- Kevin England, Vice President for Business Development, Memorial Medical Center
- Evan Davis, Administrator, Orthopedic Services and Neurosciences, Memorial Medical Center
- Charles Callahan, PhD, Executive Vice President and Chief Operating Officer, Memorial Medical Center
- Kevin Burnett, Administrative Director, NSI/SIU School of Medicine

10.2 Number of Meetings (In This Year) 2 - SIU Internal Committee; 3 - Full Steering Committee

11. Annual Performance

11.1 Performance Measures *

Measure ¹	Target for Year	Results in Year
1. Patient Encounters - Number	53,755	50,015
2. Total Patients Served – Unduplicated Count	12,500	12,182
3. New Patients Served – Unduplicated Count	3,380	2,915

* Center/institute-defined measures and targets. Depending on the particular center/institute, these may include intellectual contributions (such as publications), grants, and public service activities.

1. The SIU Neuroscience Institute was approved by the Illinois Board of Higher Education on April 7, 2015.

11.2 Major Accomplishments (In This Year)

Major accomplishments of the SIU Neuroscience Institute in FY2016 include greatly improved stroke care in the region, expanded clinical outreach, the development of the institute's internal financial framework, better name recognition of the NSI within the region, smooth transition in psychiatry leadership, creation of provider productivity and quality measure dashboards, and successful faculty recruitment to the NSI. These efforts have advanced the SIU Neuroscience Institute's development as an effective organization.

In FY2016, the NSI collaborated with Memorial Medical Center (MMC) to greatly enhance stroke care in the region. The SIU Department of Neurology played a major role in assisting Memorial Medical Center in achieving designation by the Joint Commission as a Comprehensive Stroke Center in October 2015. This center is one of only two designated comprehensive stroke centers in Illinois outside of Chicago. Also in collaboration with MMC, the Neurology department started an inpatient stroke service and a neuro-critical care unit in FY 2016. To further increase the reach and breadth of services provided by the NSI, particularly to those patients not in the immediate Springfield/ Sangamon Country area, the SIU Department of Neurology has negotiated agreements with Decatur Memorial Hospital and Memorial Medical Center to provide a tele-stroke service beginning in FY 2017.

Departments within the NSI were active in clinical outreach opportunities during the year. The SIU Departments of Neurology and Psychiatry both signed collaboration agreements with Decatur Memorial Hospital (DMH) to have SIU physicians provide clinical and instructional services at DMH beginning in FY 2017. SIU's Neurosurgery division is also developing a plan to expand to the DMH market as early as the Fall of 2017. Neurology had initial discussions with Southern Illinois HealthCare in Carbondale on providing clinical services via telemedicine in FY 2017

In this year, the NSI's internal financial framework was developed and put in place with the understanding and consensus of the three chairs of the institute's SIU departments. This framework outlines what components would fall under the purview of the NSI and what ones would remain in the departments. Under this framework, all clinical revenues and expenses would fall under the umbrella of the NSI and all academic activities including research, teaching and administration would remain with the departments. This structure is expected to enhance coordination and clinical efficiency and quality, while enhancing the neuroscience-related academic programs in the departments.

Several initiatives were undertaken in FY2016 to improve the institute's name recognition in the region. To develop name recognition for the NSI within the Springfield medical community, an NSI shoulder patch was developed with the assistance of the SIU HealthCare marketing office.

This patch has been applied to all clinical providers' white coats and those of the research and clinical support staffs. Also in this year, an NSI Referral Guide was developed and used to inform central and southern Illinois physicians about the NSI and its services. The Referral Guide contains brief descriptions of the clinical services provided within the NSI as well as photos of all of NSI's providers. The guide has been distributed at various SIU-related functions in central and southern Illinois and shared by NSI's providers with their colleagues in other health organizations within the region as part of the institute's outreach clinical services and educational activities.

A smooth transition in the leadership of the Department of Psychiatry occurred in FY2016. With the retirement of Stephen Soltys, MD, as chair of the Department of Psychiatry as of April 30, 2016, Jeffrey Bennett, MD, served as interim chair for the department until a permanent successor for Dr. Soltys was recruited. Kari Wolf, MD, was recruited from the Seton Mind Institute and the University of Texas at Austin and joined the Psychiatry department as its new chair on August 1, 2016.

In FY2016, the NSI developed and distributed to all clinicians in the institute's departments new Productivity and Quality Measure dashboards. Dashboard reports are now provided monthly to all NSI clinicians. In addition, an individual-level provider Financial Dashboard was also developed and will be distributed to clinical providers beginning in Fiscal Year 2017. These tools are designed to improve clinical productivity and quality of care.

NSI departments actively recruited new faculty and providers for their clinical practices in this year. The Department of Neurology successfully recruited a neuro-oncologist as well as a neuromuscular disorders physician, both who joined the Neurology faculty in FY 2017. Other new faculty in specialty areas of stroke and neuro-critical care and neuro-rehabilitation will join the faculty in FY 2018. Neurosurgery is beginning efforts to recruit two new physicians into their practice. Under Dr. Wolf's leadership as Psychiatry chair, recruitment efforts in his department are expected to increase. To assist with the recruitment of new faculty and resident candidates into the NSI and SIU, the Department of Neurology began working with the medical school's Public Affairs office on a "You Tube" video that will focus on the quality of life advantages that Springfield offers to candidates and their families. The project should be completed in FY 2017.

11.3 Evidence of Support for Illinois Public Agenda, SIU Board of Trustees, and SIU Campus Strategic Planning

The SIU Neuroscience Institute supports priorities of the university, the medical school, and the state of Illinois. SIU Carbondale's focus statement notes that the university "strives to meet the health care needs of central and southern Illinois through appropriate health-related programs (and) services ... " and "develops partnerships with communities (and) businesses" The NSI addresses both of these focus elements by providing community-based patient care services in demand by the people of the region. The institute also supports SIU Carbondale's priorities for community service and collaboration, as noted in the *Pathways for Excellence: A Strategic Plan*. The SIU Board of Trustees' strategic priorities include those to "extend the external presence and relationships of the system to aid in the development of innovative approaches to address Illinois' problems relating to education, health care ..." and to "streamline for efficiency and cost-savings to ensure financial stability, encouraging productive, mutually beneficial collaborations across system campuses and locations" The NSI when housed in one location will provide that innovative, streamlined approach to health care through the consolidation of clinical and research services related to diseases of the nervous system. This will improve patient accessibility to services, patient care and safety, and operational efficiency and effectiveness through the consolidation of administrative positions and functions across the NSI's departments and divisions. Longstanding university priorities call for programs to contribute to workforce development, stronger health care and social welfare systems, and increased cooperation among health programs and the community. The NSI will advance these priorities.

The NSI supports various elements of the medical school's strategic plan, particularly its priority for clinical practice and health of the population. Through its individual academic divisions and departments and its combined clinical and research operations, the NSI will address and enhance the major strategic priorities within the SIU School of Medicine strategic plan, including strategies associated with the following: educating future physicians; attracting, progressing and retaining a diverse faculty; developing innovative teaching methods for students and residents; expanding research studies, initiatives and collaborations across the institution; providing accessible and quality health care; establishing relationships with various health care and other community entities within the region and the state; and enhancing the brand that is SIU HealthCare.

The NSI also directly advances the *Illinois Public Agenda* goals for economic growth and workforce development. Economic growth is advanced through this program's ability to address patient needs related to neurological and mental health disorders in the region. This provides an important professional service, one that is in demand in the local area. The institute will also provide learning opportunities for medical students, physician assistant students, graduate science students, and clinical residents and fellows as pertains to the neurosciences. This improves the state's workforce of these important professionals while it enhances the relevance of the medical school's educational programs.

The SIU Neuroscience Institute advances these complementary goals.

11.4 Evidence of Support for Center/Institute Objectives

In its brief time in operation, the SIU Neuroscience Institute has made progress in achieving its objectives as outlined in 9.3 above. In FY 2016, efforts continued in the areas of consolidating finance and accounting operations for the Departments of Neurology and Psychiatry with finance staff providing support to both departments and implementing best practices employed by the departments to better improve the efficiencies of the operations of both entities. Patient quality, risk and safety also experienced some consolidation amid joint efforts in FY 2016 with the formation of the Neurology/Psychiatry PSES (Patient Safety Evaluation System) Committee which will review and discuss on a monthly basis all patient safety and quality-related incidents as documented within the SENSOR Patient Incident Reporting System.

Other objectives in which projects were started or progress made during FY 2016 included the embedding of a geriatric psychiatrist (Dr. Stephanie van Ulft) within the Neurology Alzheimer's clinics. Dr. van Ulft provided one-half day of clinical services per week in this clinic. Subsequently, Dr. van Ulft relocated her clinical operations to Decatur and became Director for the Geriatric Behavioral Health Unit at Decatur Memorial Hospital, an affiliated-partner with whom the NSI entities are establishing clinical collaborations. (See point 11.2 above.)

Also, in an effort to improve clinical efficiencies, enhance the patient experience, and achieve cost savings through the attrition of redundancies in clinical support staff, initial planning began on consolidating the two current Neurology outpatient clinics in Springfield at Carol Jo Vecchie and 751 Moy Building into one site within the Moy Building. As discussions on this project advanced, the scope was increased to include the current Neurosurgery outpatient clinic located at the 340 Miller Medical Building as well as providing "hotel" space for Memorial Medical Center's interventional radiology group, psychiatry, and pediatric neurology. Final plans were being developed and approved in early FY 2017 with an estimated completion date of the project of June, 2017.

11.5 Evidence of Organizational Effectiveness

The SIU Neuroscience Institute is justified by the immense burdens for the patients, their families, and society associated with neurological and mental health disorders as well as the

potential for developing a truly unique, high-quality, academic medical center-based neurosciences patient care program for Springfield and the region. The aim of the NSI is to facilitate more favorable patient experiences, better patient outcomes, lower costs of patient care, and enhanced value to patients and the communities of central and southern Illinois, particularly in the Springfield area. The community supports the NSI's mission and vision for patient care. This is expected to continue as the NSI develops.

12. Institutional Assessment

12.1	Date of Last Review	N/A (new institute first approved in April 2015)
<hr/>		
12.2	Decision at Last Review	<input type="checkbox"/> N/A <input type="checkbox"/> Center/Institute in Good Standing <input type="checkbox"/> Center/Institute Flagged for Priority Review <input type="checkbox"/> Center/Institute Suspended
12.3	Explanation	N/A
<hr/>		

RESOURCES: SIU Neuroscience Institute

Financial Resources	FY2016	FY2015¹	FY2014	FY2013	FY2012
Revenues			Note 1		
State Appropriations	\$0	\$0			
Income Fund	0	0			
Grants & Contracts	0	0			
Patient Care Revenues	6,465,387	1,606,655			
Non-Patient Care Revenues ²	721,894	264,273			
Ancillary Revenue ²	436,988	101,915			
Accumulated Balance ³	227,138	0			
Total Revenues	\$7,851,407	\$1,972,843			
Expenditures ⁴					
Department Overhead	\$1,218,574	\$278,983			
Space Costs	946,305	274,465			
Malpractice Insurance	604,616	186,071			
Other Direct Expenses	122,920	24,937			
Academic Support Expenses	904,495	233,743			
Provider Compensation	2,592,356	504,621			
SIU HC Overhead	1,048,736	217,062			
Ancillary Expenses	413,405	101,688			
Total Expenditures	\$7,851,407	\$1,821,570			
Revenue Minus Expenditures	\$0	\$151,273	Note 1		

* Categorize expenditures in easily understood, consistent categories (e.g., salaries, Graduate Assistant support). Add additional rows as necessary.

1. The SIU Neuroscience Institute was approved by the Illinois Board of Higher Education on April 7, 2015. For FY2015, this table displays resources for only the April – June 2015 period.
2. Non-Patient Care Revenues are defined as income derived from affiliated hospital agreements and community outreach contracts. Ancillary Revenue is income derived from operations that support and enhance the overall patient care experience such as imaging, labs, rehab, and other special procedures.
3. Accumulated Balance in this table refers to the amounts of accumulated balance accrued from previous years' activities that were used to cover expenses in the years noted. In FY2016, the continued and growing delay between charges submitted for employees of the State of Illinois and their corresponding health plans and the time of actual receipt of payment for those services is the major contributing factor to the deficit incurred by the SIU Neurosciences Institute in FY 2016. The days in accounts receivables ratio has grown to 300 days from 150 days in prior years, due to the continued budget problems experienced within the State of Illinois. Between just the Departments of Neurology and Psychiatry, over \$875,000 in charges are due from the State insurance payers as of November, 2016. Approximately \$500,000 of the total accounts receivables is aged greater than 150 days.
4. Department Overhead expenses include primarily salary expenses for staff directly involved in supporting patient care activities, such as front desk reception staff, call center, nursing and medical assistant, medical records, etc. Provider Compensation is physician compensation from patient service. SIU HealthCare Overhead expenditures include costs of support services provided by SIU HealthCare including support for information technology, credentialing and managed care, patient business services, and quality, risk and safety programs.

Staffing (Full Time Equivalent)^{2, 3}	FY2016	FY2015¹	FY2014	FY2013	FY2012
Faculty	30.30	30.40	Note 1		
Staff	79.60	97.50			
Total Staffing	109.90	127.90	Note 1		

1. The SIU Neuroscience Institute was approved by the Illinois Board of Higher Education on April 7, 2015. For FY2015, this table displays resources for only the April – June 2015 period.
2. Includes FTEs of those faculty and staff receiving direct salary support from the NSI.
3. In addition to the current in-place staffing within the NSI, a total (6) six faculty and (8) eight staff positions were open and vacant at the end of FY 2016.

CENTERS AND INSTITUTES
ANNUAL REPORTING

Report For: July 1, 2015 – June 30, 2016

(IBHE Approved and/or Illinois State Statute Established Only) *

1.	Reporting Institution	Southern Illinois University School of Medicine										
2.	Center/Institute	Simmons Cancer Institute										
3.	Date	February 1, 2017										
4.	Director	Aziz Khan, M.D.										
4.1	Telephone	217-545-7969										
4.2	E-mail	akhan@siumed.edu										
5.	Year Established	2000										
6.	Illinois State Statute (if pertinent)	N/A										
7.	Reporting Unit	Southern Illinois University School of Medicine										
8.	Type	<table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Activity</td> </tr> <tr> <td colspan="2" style="text-align: center;">(check all that apply)</td> </tr> <tr> <td style="border: none;">Instructional</td> <td style="border: 1px solid black; text-align: center;">X</td> </tr> <tr> <td style="border: none;">Research</td> <td style="border: 1px solid black; text-align: center;">X</td> </tr> <tr> <td style="border: none;">Public Service</td> <td style="border: 1px solid black; text-align: center;">X</td> </tr> </table>	Activity		(check all that apply)		Instructional	X	Research	X	Public Service	X
Activity												
(check all that apply)												
Instructional	X											
Research	X											
Public Service	X											

* Complete this form for each center and institute established (or that is in the process of being established) through the Illinois Board of Higher Education approval process (23 Illinois Administrative Code 1050) or by specific Illinois state statute. See University Guideline 2.4 for details. This report will be completed by the center or institute after conclusion of the academic/fiscal year.

9. Overview

9.1 Description

The Simmons Cancer Institute at SIU (SCI) is a multi-disciplinary cancer center based in Springfield to serve the population of central and southern Illinois. SCI provides access to state-of-the-art treatment and promising new clinical trials to the residents of downstate Illinois; works collaboratively with local hospitals and other community providers in the region to share technology, broaden research, and raise treatment standards; expands the region's ability to attract research and programmatic funding that builds the infrastructure necessary for sophisticated research programs and excellent patient care; and augments medical student, resident, and graduate student training in cancer/oncology, and provides patient and physician education across the region.

SCI features a comprehensive approach to patient care organized around organ-site care teams (such as that addressing colorectal cancer) which are designed to enhance effective, efficient treatment of the whole person and not just the disease. Modeled on best practices promoted by the National Cancer Institute, these care teams include physicians, nurses, psychologists, social workers, and other specialists who work together to provide high quality patient care and complementary therapies to address the patient's needs. Physicians and scientists perform basic research, applied research, and increasingly population health research in cancer. Cancer clinical trials are available at SCI through the National Cancer Institute Community Oncology Research Program, pharmaceutical sponsors and the medical school's physicians' research. SCI provides a variety of free cancer screenings working in partnership with other health-care professionals and organizations. As an ongoing effort to raise awareness and prevention, SCI maintains a strong outreach program, including patient education and health screenings in the community.

The Simmons Cancer Institute is housed in a 63,000 square foot facility on the Springfield clinical campus that was funded in part through state-appropriated capital funds. This facility features an infusion center, nearly three dozen exam rooms, minor procedure facilities, the nationally accredited Breast Center at SIU, nationally accredited oncology services through the Quality Oncology Practice Initiative, as well as x-ray, EKG services, laboratory and ultrasound services.

9.2 Mission

To serve the people of central and southern Illinois by addressing their present and future cancer care needs through medical education, biomedical research, patient care, and community service.

9.3 Objectives

- To markedly reduce the burden of cancer on patients, their families, and the community by using innovative strategies developed from collaborations with researchers and health-care workers.
- To advance knowledge about cancer awareness, prevention, early detection, care and treatment.
- To provide preventative screenings to promote early detection and treatment.
- To enhance a population science program in rural areas to assist with cancer prevention.
- To provide the latest cutting-edge treatment and research that translates new scientific findings into therapies (i.e., bench-to-bedside) so as to improve care to patients regardless of their ability to pay.
- To achieve accreditation by the Commission on Cancer (COC).

10. Advisory Board

10.1 Advisory Board – Membership

SCI Executive Committee: provides recommendations to the SCI Executive Director on matters concerning the goals and performance of the institute in accordance with its mission. FY2016 members are:

- Aziz Khan, MD, Executive Director, Simmons Cancer Institute
- Cindy Davidsmeyer, Director of Community Support, Simmons Cancer Institute
- Dale “Buck” Hales, PhD, Professor and Chair, Physiology, SIU School of Medicine
- Amanda Hutton, Nurse Administrator, Simmons Cancer Institute
- Linda Jones, DNS, Vice President of Operations, Memorial Medical Center
- David Steward, MD/MPH, Associate Dean for Community Health and Service, SIU School of Medicine
- Donald Torry, PhD, Professor and Chair, Medical Microbiology/Immunology/Cell Biology, SIU School of Medicine
- Linda Toth, PhD, Associate Dean for Research and Faculty Affairs, SIU School of Medicine

SCI Management Committee: established to oversee the strategy and direction of the institute. This committee reviews the SCI’s clinical, charitable, educational, research and community service activities. In FY2016, the members are:

- Wendy Cox-Largent, Associate Provost for Finance and Administration, SIU School of Medicine
- John Flack, MD, Professor and Chair, Internal Medicine, SIU School of Medicine
- Amanda Hutton, Nurse Administrator, Simmons Cancer Institute
- Meghan Iannello, Business/Administrative Associate, Simmons Cancer Institute
- Aziz Khan, MD, Executive Director, Simmons Cancer Institute
- Jerry Kruse, MD/MSPH, Dean and Provost, SIU School of Medicine; and CEO SIU HealthCare
- Michael Neumeister, MD, Professor and Chair, Surgery, SIU School of Medicine
- Donald Torry, PhD, Professor and Chair, Medical Microbiology/Immunology/Cell Biology, SIU School of Medicine
- Linda Toth, PhD, Associate Dean for Research and Faculty Affairs, SIU School of Medicine
- Nelson Weichold, COO/CFO and Executive Director of Clinical Operations and Finance, SIU HealthCare

10.2 Number of Meetings (In This Year) Four (4) meetings for each committee in FY2016 (meetings are held quarterly)

11. Annual Performance

11.1 Performance Measures *

Measure	Target for Year	Results in Year
1. Patients Served by SCI – Unduplicated Count	6,000	8,408
2. New Cancer Patients Served by SCI – Unduplicated Count	2,000	3,200
3. Clinical Trial Studies – Open Studies	195	165
4. Cancer-Related Research – Active Projects	24	28
5. Articles/Presentations/Other Scholarly Work – Number	20	33
6. Patient/Community Education Programs – Attendees	2,000	2,205
7. Outreach Programs/Screenings – Attendees	2,100	2,397

* Center/institute-defined measures and targets. Depending on the particular center/institute, these may include intellectual contributions (such as publications), grants, and public service activities.

11.2 Major Accomplishments (In This Year)

<p>In FY2016, major accomplishments of the Simmons Cancer Institute included the following:</p> <ul style="list-style-type: none"> • Expanded oncology care services in Staunton, Litchfield and Jacksonville, Illinois. • Awarded a P20 Grant from the National Cancer Institute for addressing rural cancer health disparities using an SCC/SIU School of Medicine partnership. • Awarded an RO1 grant from the National Institutes of Health for the assessment of anti-COX2, anti-hypertensives, and novel formulation of nanoparticle paclitaxel PS-PXL for treatment of metastatic human cancers. • Received a Medical Innovator Award from the Sangamon County Medical Society for Dr. Arun Sharma recognizing his work in transoral robotic surgery for head and neck cancers. • Initiated a collaborative effort for the Precision Medicine Initiative with University of Illinois-Chicago. • Received recertification of the SIU Breast Center by the National Accreditation Program for Breast Centers (NAPBC). • Received certification for the Quality Oncology Practice Initiative. • Served as an educational site for residents and medical students in rotations associated with cancer treatment. <p>These accomplishments were in addition to ongoing patient care, research, educational, and outreach efforts performed by SCI in FY2016.</p>
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11.3 Evidence of Support for Illinois Public Agenda, SIU Board of Trustees, and SIU Campus Strategic Planning

The Simmons Cancer Institute directly supports key priorities of the state of Illinois, Southern Illinois University, and SIU School of Medicine, particularly those associated with community service as expressed through patient care and outreach, workforce development, collaboration with community partners, and research and scholarship.

SCI's educational and research activities support the Illinois Public Agenda goal calling for educational, research, and innovation assets to be used in advancing the economic needs of the state and region. The institute's grant-funded research and resident education programs are examples. Southern Illinois University system priorities, as outlined by the SIU Board of Trustees, include the call for innovation, the addressing of health care needs in the region, and the formation of partnerships with public and private entities to increase the university's outreach into the community. SCI's patient care, clinical trials, and community education and screening programs advance these priorities. SIU Carbondale's strategic plan calls for research, scholarly and creative activities that benefit the community. SCI's basic and applied research programs and its emerging work in population health science research directly support these priorities. SIU School of Medicine's strategic plan calls for clinical practice, workforce development, research, and professional engagement; SCI's clinical practice, research, and community engagement activities support the school's priorities as well.

11.4 Evidence of Support for Center/Institute Objectives

In FY2016, the Simmons Cancer Institute advanced its primary objectives of becoming the premier comprehensive cancer center for rural Illinois; enhancing research regarding the causes and treatments of cancer; and partnering with other health care, community, and educational organizations to reduce the burden of cancer on patients, their families, and the community. Significant achievements in this program year include the following:

- Provided high quality direct patient care to cancer patients.
- Established and increased partnerships with regional hospitals and clinics to promote outreach clinics for cancer care.
- Established partnerships and relationships with local communities to promote health fairs, cancer screenings, and disease management to address high-risk populations in central and southern Illinois.
- Partnered with the University of Illinois-Chicago for Phase I clinical trials and basic science research to promote SCI as a leader in the area for cancer care.
- Developed and initiated exclusive research and clinical trial opportunities enhancing SCI's reputation as a premier comprehensive cancer center.

11.5 Evidence of Organizational Effectiveness

The Simmons Cancer Institute is effective as an organization. As noted in the university's recent program review, the institute has established excellent patient care, research, and community outreach programs which support the priorities of the state, university, and medical school. The SCl has expanded grant funding and maintained its state support during difficult economic times. This is evidence of its ability to attract key resources and demonstrates support for the institute by key constituencies. The SCl is meeting its organizational objectives and the expectations of the community, university, and state; it is positioned to prosper in the future.

12. Institutional Assessment

12.1 Date of Last Review 2011

12.2 Decision at Last Review X Center/Institute in Good Standing
 Center/Institute Flagged for Priority Review
 Center/Institute Suspended

12.3 Explanation N/A

RESOURCES: Simmons Cancer Institute at SIU

Financial Resources	FY2016	FY2015	FY2014	FY2013	FY2012
Revenues					
State Appropriations ¹	\$668,771	\$2,393,798	\$2,504,430	\$2,540,497	\$2,610,635
Income Fund	0	0	0	0	0
Grants & Contracts ²	39,384	44,887	16,342	1,446,234	1,409,205
Grants & Contracts–Other ³	123,488	170,044	275,647	256,301	23,355
Accumulated Balance ⁴	35,155	38,499	153,702	0	0
Transfers from SOM ⁵	1,445,105	0	0	0	0
Total Revenues	\$2,311,903	\$2,647,228	\$2,950,121	\$4,243,032	\$4,043,195
Expenditures					
Salaries	1,696,941	\$2,096,557	\$2,220,555	\$2,420,981	\$3,203,896
Travel	6,708	17,734	9,586	27,836	21,145
Equipment	26,557	64,520	91,220	61,282	35,909
Commodities	94,404	93,581	59,114	104,429	81,281
Contractual Services ⁶	400,246	328,661	524,510	742,746	344,970
Telecommunications	37,430	31,309	29,889	32,792	28,888
Other ⁷	49,617	14,866	15,247	43,608	59,448
Total Expenditures	\$2,311,903	\$2,647,228	\$2,950,121	\$3,433,674	\$3,775,537
Revenue Minus Expenditures	\$0	\$0	\$0	\$809,358	\$267,658

1. State Appropriations include program operating funds first appropriated by the State of Illinois in FY2002 as well as the impact of state budget changes and internal reallocations since that time.
2. Grants and Contracts declined significantly in FY2014, due to discontinuance of the State of Illinois – Excellence in Academic Medicine program funding.
3. Grants and Contracts-Other includes revenue from SIU Foundation grants to SIU School of Medicine for the SCI.
4. Accumulated Balance in this table refers to the amounts of accumulated balance accrued from previous years' activities that were used to cover expenses in the years noted.
5. Transfers from SOM includes fund transfers from the SIU School of Medicine's reserve or general funds to support SCI. FY2016 transfers were necessary as the State of Illinois did not appropriate a full year's appropriation in that year.
6. Contractual Services includes medical services provided to clinical trials patients, external consultant fees, and bond repayment.
7. Other includes indirect costs from clinical trial expenses.

Staffing (Full Time Equivalent)¹	FY2016	FY2015	FY2014	FY2013	FY2012
Faculty	9.12	12.78	9.36	8.20	5.58
Staff	12.11	13.90	15.25	16.32	15.48
Total Staffing	21.23	26.68	24.61	24.52	21.06

1. Staffing (FTE) includes FTEs of those faculty and staff receiving direct salary support from the SCI.

