


# Centers and Institutes

## Annual Reporting


Fiscal Year 2017

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

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Submitted by the  
Office of Academic Affairs to the  
Southern Illinois University Board of Trustees  
September 2018



**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 FY2017 are provided for the SIU Board of Trustees. It is the third 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 Student and 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.

Brad Colwell  
Vice President for Student and Academic Affairs



CENTERS AND INSTITUTES  
ANNUAL REPORTING

Report For: July 1, 2016 – June 30, 2017

(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>April 20, 2018</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></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 advanced coal and energy research, collaboration, education and facilities. Since its establishment in 1974 up to the current day, 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) 0

11. Annual Performance

11.1 Performance Measures \*

Measure	Target for Year	Results in Year
1. Faculty grants awarded	Up to 5	2
2. Graduate Assistant positions	1-2	9
3. Scholarships awarded	Up to 5	1
4. Student grants awarded	Up to 5	1
5. Community outreach events	1	1
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)

- New Energy Specializations and Minors starting in Fall 2018
- Awarded 1 graduate (PSM Energy ) Scholarship
- Supported 2 visiting researchers
- Supported 7 GA's through Faculty Seed Grants and 3 MEEP GA's
- Awarded 1 Energy Boost Scholar (co-op like student stipend)
- Awarded 2 Faculty Seed Grants (approximately \$50,000 each)
- Hosted SIU Energy Day
- Research: NSF – Nexus: Systematic Coupling and Integration of All-component Refining and Efficient Conversion of Biomass

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 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 awarded scholarships and Energy Boost grants. ACERC supported numerous graduate assistants and helped facilitate new energy research programs. ACERC organized a successful SIU Energy Day during April 2017.

12. Institutional Assessment

12.1	Date of Last Review	<u>March 2017</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	(briefly provide any explanation necessary of the institutional assessment or plans for pending program review) <hr/>

**RESOURCES: (Advanced Coal and Energy Research Center)**

<b>Financial Resources</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
<b>Revenues:</b>					
State Appropriations	<b>143,166</b>	<b>343,173</b>	<b>386,168</b>	<b>386,403</b>	<b>365,720</b>
Income Funds	152,439	126,525	27,903	141,377	134,384
Grants	4,163,608	4,678,827	239,941	430,854	443,650
<b>Total Revenues</b>	<b>4,459,213</b>	<b>5,148,525</b>	<b>654,012</b>	<b>958,634</b>	<b>943,754</b>
<b>Expenditures:</b>					
<i>(Sources: Combined Grants and State Accounts)</i>					
Salaries: Staff/Faculty	457,578	524,627	400,808	402,684	352,475
Graduate Assistant Support	96,861	51,214	44,958	32,451	3,425
Student Worker Support <i>(Sources: State and FWS Matching)</i>	7,982		9,006	10,547	13,886
Travel	5,770	15,030	4,362	4,179	7,126
Commodities	28,659	4,599	3,430	5,509	5,256
Equipment	961	1,117		3,850	18,852
Contractual Services	151,469	164,917	46,585	142,755	136,254
Student Research Awards and Scholarships	9,000	0	0	0	667
Telecommunication Services	13,447	14,266	7,949	6,509	14,840
Fringe Benefits	96,369	112,054	23,449	27,425	13,140
Facilities and Administrative	56,366	49,966	12,860	13,118	5,025
<b>Total Expenditures</b>	<b>924,461</b>	<b>947,791</b>	<b>551,407</b>	<b>649,029</b>	<b>570,946</b>
Revenue Minus Expenditures	3,534,752	4,210,734	100,604	309,605	372,808

<b>Staffing</b> (Full Time Equivalent)	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Faculty	2	2	1	2	1
Staff	7	12	9	8	7
<b>Total Staffing</b>	<b>9</b>	<b>14</b>	<b>10</b>	<b>10</b>	<b>8</b>



CENTERS AND INSTITUTES  
ANNUAL REPORTING

Report For: July 1,2016 – June 30, 2017

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

1.	Reporting Institution	SIU Carbondale						
2.	Center/Institute	Center for Ecology						
3.	Date	4/18/2018						
4.	Director	Matt Whiles						
4.1	Telephone	618 453-7639						
4.2	E-mail	mwhiles@zoology.siu.edu						
5.	Year Established	2005						
6.	Illinois State Statute (if pertinent)	N/A						
7.	Reporting Unit	Office of the Vice Chancellor of Research						
8.	Type	<div style="text-align: center;">Activity (check all that apply)</div> <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; text-align: center;">x</td> </tr> </table>	Instructional		Research	x	Public Service	x
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 purpose of the Center for Ecology is to foster communication and collaboration among faculty, staff, and students with ecological interests at Southern Illinois University, Carbondale. 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 SIU graduate students that 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 Southern Illinois University Carbondale. Research efforts focus on multidisciplinary 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

Continue and 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

Continue to build the CFE Natural Sciences Student Research Symposium to include as much participation across academic units as possible.

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		78

Measure	Target for Year	Results in Year
2. Books and book chapters		13
3. Grant funding by CFE members		\$1,442,540
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 nearly \$1.5 million in external funding this past year and published 78 peer-reviewed manuscripts and 13 book chapters and books. CFE research projects also provided numerous research and employment opportunities for graduate and undergraduate students, staff, and postdoctoral associates. The CFE also sponsored three well-attended (75+ per event) seminars and receptions.

The CFE Natural Sciences student research symposium was once again well attended and featured 27 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, IEPA, and occasionally positions are funded by NGOs such as the Nature Conservancy and Illinois Clean Energy. The CFE provided 4 positions during FY17.

### 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 SIUC 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 peer-reviewed publications, providing summer internships, providing seminars with internationally recognized speakers, and providing public education and outreach. These activities provide numerous opportunities for undergraduate and graduate students at SIUC.

11.5 Evidence of Organizational Effectiveness

Staff consists of a Director (3 months summer salary), a field station support person and various committees (seminar committee, internships committee, GRASS). The CFE provides seminars, internships, and has successfully obtained numerous large grants with minimal institutional investment, as noted in the last program review. The technician running the Core Analytical Facility is paid with funds taken in by the facility for services provided.

12. Institutional Assessment

12.1	Date of Last Review	<u>2010</u>	
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		

**RESOURCES: (Center for Ecology)**

<b>Financial Resources</b>	<b>FY 2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Revenues:					
State Appropriations					
Local Accounts	57,736.41	26,085.00	29,036.00	28,000.00	36,889.90
Grants & Contracts					
<b>Total Revenues</b>	<b>57,736.41</b>	<b>26,085.00</b>	<b>29,036.00</b>	<b>28,000.00</b>	<b>36,889.90</b>
Expenditures:					
Salaries	26,785.71	6,945.45	11,344.35	12,067.13	661.92
Wages	0.00	0.00	725.00	0.00	0.00
Travel	1,849.90	1,121.90	3,010.13	2,829.39	2,145.11
Equipment	5,933.12	318.08	0.00	1,712.02	1,193.47
Commodities	4,107.47	1,780.97	649.07	2,858.45	1,237.80
Contractual Services	13,412.58	15,424.68	14,917.01	18,508.58	15,370.29
Op/Auto	4,310.81	1,100.22	8,021.36	3,943.98	1,082.82
Telephone	524.52	526.48	527.15	516.90	543.53
Fringe Benefits	0.00	0.00	15.19	0.00	0.00
Indirect	0.00	0.00	0.00	0.00	0.00
Other	500.00	0.00	674.00	161.25	107.50
<b>Total Expenditures</b>	<b>57,424.11</b>	<b>27,217.78</b>	<b>39,883.26</b>	<b>42,597.70</b>	<b>22,342.44</b>
<b>Revenue Minus Expenditures</b>	<b>312.30</b>	<b>(1,132.78)</b>	<b>(10,847.26)</b>	<b>(14,597.70)</b>	<b>14,547.46</b>

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

<b>Staffing (Full Time Equivalent)</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Faculty	0	0	0	0	0
Staff	2.0	1.0	1.0	1.0	0
Students	0	0	0	0	0
Graduate Assistants	0	2.5	2.5	2.0	0.5
<b>Total Staffing</b>	<b>2.0</b>	<b>3.5</b>	<b>3.5</b>	<b>3.0</b>	<b>0.5</b>

CENTERS AND INSTITUTES  
ANNUAL REPORTING

Report For: July 1, 2016 – June 30, 2017

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

1.	Reporting Institution	Carbondale						
2.	Center/Institute	Center for English as a Second Language (CESL)						
3.	Date	April 1, 2018						
4.	Director	William Hellriegel						
4.1	Telephone	618-453-6538						
4.2	E-mail	william.hellriegel@siu.edu						
5.	Year Established	1966						
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%; 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; width: 30%;"></td> </tr> <tr> <td style="padding: 2px;">Public Service</td> <td style="border: 1px solid black; width: 30%;"></td> </tr> </table>	Instructional	X	Research		Public Service	
Instructional	X							
Research								
Public Service								

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## 9. Overview

### 9.1 Description

CESL offers intensive English instruction to adults with a focus on preparation for success in university degree programs, principally at SIU. CESL is self-supporting and, in addition to classes, provides social-cultural activities, student advising, and specially-designed programs for foreign partner institutions and governments.

### 9.2 Mission

The Center for English as a Second Language (CESL) serves international students enrolled in CESL or in Southern Illinois University. Our primary mission is to provide the highest quality English language program and curriculum, delivered by professionals in the field of ESL; thereby also increasing the number of students who end up pursuing degrees at SIU. 80% of CESL students who finish our program move on to SIU degree programs.

### 9.3 Objectives

\* provide high quality English instruction for students to meet educational, professional, and/or personal goals; \* foster global citizenship by helping students acquire a better understanding of both U.S. academic and social culture as well as their own and other cultures; \* Maintain extensive student services; \* provide effective teacher training and mentoring of CESL teaching assistants; \* encourage professional development in TESOL and related fields in order to contribute to and further knowledge about the field; \* provide advanced linguistic, cultural and pedagogical training for international graduate assistants; \* promote international awareness within the SIU community and the region; \* advance the SIU reputation as an international and multicultural community; and \* establish and maintain relationships abroad in order to promote CESL and SIU internationally.

## 10. Advisory Board

### 10.1 Advisory Board - Membership

CESL Advisory Board. Current membership includes: William Hellriegel, CESL Director; Elisa Hunt, CESL Assistant Director; Kathryn Mutchnick, CESL NTT Instructor; and Colin Robinson, CESL NTT Instructor.

11. Annual Performance

11.1 Performance Measures \*

Measure – CESL STRATEGIC GOALS FOR 2017-2018	Target for Year	Results in Year
<p><u>Recruiting:</u></p> <ul style="list-style-type: none"> <li>* Expand activity with all affiliates - Japan and Taiwan (1): end of 2017, BH, EH  <ul style="list-style-type: none"> <li>** BH to Japan (and Korea?) in May 2017)</li> </ul> </li> <li>* Maintain relationship with SACM, staying off SACM over-saturation list by growing overall CESL student numbers, but also by growing SACM student number to saturation limit: end of 2017  <ul style="list-style-type: none"> <li>** EH to Saudi Scholarship and IECHE 2017 in April 2017</li> </ul> </li> <li>* Develop relationships with governmental agencies in Kuwait, Oman, and Qattar; with result of 3 students per country annually and/or govt-sponsored project from each by end of FY19: EH, BH</li> <li>* Maintain Panama MOE (annual visit by BH to Panama or D.C.) and Proyecta (wait until RFP is issued, and then respond) programs and increase number and/or scope as possible: BH, EH</li> <li>* Attend annual Washington International Education Conference (WIEC), and engage MOE reps from attending countries to ask for group programs: KM/BH/EH</li> <li>* Revive and formalize existing agency relationships as necessary. Complete process by end of Summer 2017, when we will have clear sense of agencies to work with: BH, EH, CIE</li> <li>* Re-contact Director's agency contacts from Herzing and establish relationships with at least 3: BH, by end of Spring 2017.</li> <li>* Attend Miami ICEF or other similar event annually to develop new agents; goal 3</li> </ul>		

Measure – CESL STRATEGIC GOALS FOR 2017-2018	Target for Year	Results in Year
<p>new agents that will produce at least 5 students each in FY19.</p> <p>* Based on existing SIU MOUs, in coordination with CIE (?), pursue new affiliations with these institutions; goal of 3 new affiliates in FY18, each producing at least 5 students in FY19. Start on this in Fall 2017, once results of BH establishing contact with all current partners and agents are in.</p> <p>* Hire p-t student to do web and social media work with already specified goals; this will be conduit through which CESL tries to recruit students directly. Include 360 degree video, video testimonials, CESL Facebook page and website point to online application, etc. All up and running by end of 2017 calendar year. Hire student asap in early 2017. Evolve to full-time staff if warranted by results and opportunities, first half of 2018.</p> <p>* By end of Spring 2018, have developed alumni network that somehow rewards them for active participation in CESL efforts to recruit individual new students in alumni countries: based on work done by p-t student (above).</p> <p>* Reconnect with BH's agent contacts from past (Colombia, Korea, Vietnam): Develop working relationship with at least 3 by end of Spring semester 2017.</p> <p><u>Curriculum:</u></p> <p>* Complete review and revision of current curriculum with Jeremy S. and CESL Curriculum Committee leading effort, with clear time line (completion of all objectives by end of Spring 2018 semester); including SLO completion, measurement of objective attainment, articulation between components of levels and articulation between levels.</p>		

Measure – CESL STRATEGIC GOALS FOR 2017-2018	Target for Year	Results in Year
<p>* Develop CoLA bridge, with clear time line, and strategic roll out - aiming both at current and future students. Finish plan and design by end of Summer 2017; marketing in Fall 2017; implementation starts in Fall 2017 (current students) and Spring 2018.</p> <p><u>Staffing:</u></p> <p>* Fulfill mission to employ TAs in CESL classes as much as possible, but also reduce their number when necessary when enrollments dip in order to protect CESL teacher employment; however, number of TAs should not fall below a ratio of 2:1, CESL faculty: TAs/3:1, CESL faculty FTEs:TA FTEs. Number of TAs is currently 11, and when TAs must be discontinued, favor given to best teachers, whether in Linguistics or in Curriculum and Instruction: ongoing.</p> <p>* Non-teaching staff to remain as is, with GAs used as appropriate.</p> <p><u>CIE:</u></p> <p>* Keep relationship strong.</p> <p>* Run successful customized bridge programs: 2 scheduled for 2017.</p> <p>* Collaborate to design and implement CoLA Bridge (see above): design by end of Summer 2017, implementation in Spring semester 2018.</p> <p>* Other initiatives: as they come up.</p> <p><u>Increase grants and special projects:</u></p> <p>* One-off items that come up</p> <p>* Pursue programs with OERD, aggressively and ongoing; key will be Kyle's and Bill's regular contact with each other, and collaboration.</p> <p><u>Budget:</u></p>		

Measure – CESL STRATEGIC GOALS FOR 2017-2018	Target for Year	Results in Year
<p>* Grow reserve fund to \$2,000,000 in FY18: via static staffing (except for web/social media person) and increased and diverse enrollments from efforts listed above.</p> <p>* Keep CESL's contribution to CIE-CESL-Grad School annual travel budget as equal as possible.</p> <p>* Keep number of regular teachers to number needed for term with lowest anticipated number of enrollments.</p> <p><u>Relationship with Linguistics Dept:</u></p> <p>* Maintain good rapport with Dept Head and with faculty.</p> <p>* Continue ongoing research involving CESL and Linguistics collaboration.</p> <p>* Continue Linguistics student observations of CESL classes.</p> <p>* CESL staff join their events and they join ours as much as possible</p> <p>* Explore other ways CESL and Linguistics can collaborate for mutual benefit, and have some clear ideas to implement by end of Summer 2017.</p> <p>* Review commitment to Linguistics in general and re hiring of TAs and confirm optimum level of TA staffing as well as ways to strengthen relationship for mutual benefit (see above).</p>		

\* 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>(briefly summarize center/institute's major accomplishments for the year)</p> <ul style="list-style-type: none"> <li>• Received first students from Nagoya University for a three-week program;</li> <li>• Received much larger number of Tokushima University students for 4-week program;</li> <li>• Related to point above, have also established new MOU between SIU and Tokushima University, which resulted in visit by TU faculty to discuss possible collaborative efforts;</li> <li>• Have mostly avoided depleting CESL reserve fund balance despite drop in enrollments;</li> <li>• Have maintained strong relationships with Mexican and Panamanian governments resulting in repeating groups of teacher trainees from both countries coming to CESL for programs varying in length from one month to four months.</li> </ul>
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- Have resolved CESL’s chronic accounting issues with establishment of proper and effective practices;
- Have improved CESL activities for students, including more attractive weekly tea times;
- Have initiated social media efforts that are already producing much greater awareness of CESL throughout the world.

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

CESL’s fundamental function of recruiting tertiary level students who then (80%) matriculate to SIU for full-time degree study and then also succeed is central to the University’s mission to internationalize and to attract as many students as possible from diverse backgrounds.

11.4 Evidence of Support for Center/Institute Objectives

By employing a number teaching assistants, CESL has supported the CoLA Linguistics Department’s efforts to give their graduate students teaching experience under the guidance of experienced CESL instructors. It has likewise also supported the Department of Curriculum and Instruction in the College of Education and Human Services.

11.5 Evidence of Organizational Effectiveness

We have further rationalized CESL’s staff and faculty to best deliver valuable instruction as well as extracurricular experiences to students. By retaining the most capable and energetic persons, this goal has been accomplished.

12. Institutional Assessment

12.1	Date of Last Review	2015
12.2	Decision at Last Review	X
		Center/Institute in Good Standing
		Center/Institute Flagged for Priority Review
		Center/Institute Suspended
12.3	Explanation	(briefly provide any explanation necessary of the institutional assessment or plans for pending program review) NA

**RESOURCES: Center for English as a Second Language (CESL)**

<b>Financial Resources</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Revenues					
State Appropriations					
Income Fund (tuition & fees)	1,505,000	2,028,000	2,690,473	3,154,571	2,977,392
Grants & Contracts			2,500	1,978	
Investment income	2,100	1,000	2,013	10,631	31,791
Miscellaneous	85,000		536,173	113,799	(63,876)
<b>Total Revenues</b>	<b>1,592,100</b>	<b>2,029,000</b>	<b>3,231,159</b>	<b>3,280,979</b>	<b>2,945,307</b>
Expenditures					
Salaries and wages	1,525,000	1,806,000	1,834,375	1,685,162	1,582,367
Insurance contributions	32,000	31,618	26,626	26,075	21,832
Travel	36,000	30,000	97,493	99,070	67,505
Equipment	10,000	12,000	107,009	97,167	75,868
Commodities	85,000	30,000	131,562	79,206	131,708
Contractual services	270,000	28,382	1,255,001	623,049	295,237
Other	142,800	91,000	(258,980)	684,097	1,841,383**
<b>Total Expenditures</b>	<b>2,100,800</b>	<b>2,029,000</b>	<b>3,194,086</b>	<b>3,293,826</b>	<b>4,015,900</b>
<b>Revenue Minus Expenditures</b>	<b>17,294</b>	<b>0</b>	<b>37,073</b>	<b>(12,487)</b>	<b>(1,070,593)</b>

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

\*\* \$1,806,139 of this was non-mandatory transfers.

<b>Staffing (Full Time Equivalent)</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Faculty	12	17	21	21	19
Staff	8	7	7	7	7
<b>Total Staffing</b>	<b>19</b>	<b>24</b>	<b>28</b>	<b>28</b>	<b>26</b>

CENTERS AND INSTITUTES  
ANNUAL REPORTING

Report For: July 1, 2016 – June 30, 2017

(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 30, 2018
4.	Director	James Garvey
4.1	Telephone	618 453 4551
4.2	E-mail	<a href="mailto:jgarvey@siu.edu">jgarvey@siu.edu</a>
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

\* 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

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 SIUC President Delyte Morris 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 for Fisheries, Aquaculture and Aquatic Sciences 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		\$1,298.53
2. Peer-reviewed Publications		18
3. Graduate Students Enrolled		18
4. Graduate Students Finishing Degrees		7
5. Undergraduate Research Projects Supervised		14

\* 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)

Despite CFAAS continues to maintain high productivity per faculty member with nearly \$1.3M in external funding for research projects leading to 18 peer reviewed publications.

Additional accomplishments include:

Graduate Student Micah Bennett won the Richard C. Kudo award for the outstanding dissertation at SIUC.

Mike Lydy won the SIUC Scholar Excellence Award in 2017.

### 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.

### 11.4 Evidence of Support for Center/Institute Objectives

- obtained more than \$1.2M in external funding.
- 18 manuscripts were published in high quality peer-reviewed journals.
- advised 8 graduate students with 7 students (6 M.S. and 1 Ph.D.) completing their degree.
- provided research opportunities for 14 undergraduate students.

- maintained center facilities including budgeting \$25k of our indirect recovery funds for the insurance deductible on the repair of the Wetlab roof, which was damaged in a storm in 2015.
- provided service (brokerage of sales and testing for Viral Hemorrhagic Septicemia) for the Illinois aquaculture industry

11.5 Evidence of Organizational Effectiveness

Center Director Jim Garvey is currently the Interim Vice Chancellor for Research. Associate Director Ed Heist continues to perform research and teach the same course load as he did prior to becoming Associate Director. CFAAS recently combined its physical office, support staff, and student computing facility with the Cooperative Wildlife Research Laboratory to make both centers more cost-effective. The effectiveness with which CFAAS fulfills its objectives is detailed above.

12. Institutional Assessment

12.1	Date of Last Review	2010	
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		

**RESOURCES: Center for Fisheries, Aquaculture & Aquatic Sciences**

<b>Financial Resources</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Revenues					
State Appropriations	201,178.26	520,975.45	574,169.11	573,932.04	651,754.61
Income Fund	164,379.44	204,577.75	231,102.00	206,769.33	169,037.13
Grants & Contracts	1,298,984.53	1,544,030.00	2,032,054.03	2,272,055.57	1,908,069.45
Total Revenues	1,664,542.23	2,269,583.20	2,837,325.14	3,052,756.94	2,728,861.19
Expenditures*					
Salaries	1,151,946.20	1,093,109.55	1,251,764.98	1,425,459.25	1,537,621.32
Wages	23,591.25	24,661.69	24,051.10	24,491.50	27,741.68
Travel	64,252.18	64,699.64	116,742.85	109,036.02	84,059.41
Equipment	108,586.96	(338.78)	87,925.45	37,492.70	113,901.81
Commodities	186,334.01	169,156.14	527,012.05	335,038.46	404,905.06
Contractual Services	118,060.76	360,254.05	353,682.85	530,531.49	350,993.64
Op/Auto	46,289.74	45,344.43	54,093.25	67,356.62	66,221.24
Telephone	4,504.75	5,209.48	4,726.66	5,163.24	8,527.08
Fringe Benefits	205,523.52	134,403.96	128,840.00	167,719.24	179,440.54
Indirect	105,835.37	117,788.66	252,368.29	197,265.20	183,466.80
Other	10,799.48	40,514.63	16,176.11	48,267.29	10,216.38
Total Expenditures	2,025,724.22	2,054,803.45	2,817,383.59	2,947,821.01	2,967,094.96
Revenue Minus Expenditures	(361,181.99)	214,779.75	19,941.55	104,935.93	(238,233.77)

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

<b>Staffing (Full Time Equivalent)</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Faculty	2.25	3.6	3.7	5.3	5.3
Staff*	28.7	30.8	39.2	45.2	52.0
Students	5	10	12.5	12.8	9.3
Graduate Assistants	10.5	11.8	14.8	15.3	17.8
Total Staffing	46.45	56.2	70.2	78.6	84.4

\*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, 2016 – June 30, 2017

(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	April 19, 2018
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 (one position in Wildlife Toxicology is currently vacant), 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 at any point in time. 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. 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 graduates in career positions.

Key future objectives:

Fill the currently vacant faculty position in Wildlife Toxicology

Grow enrollment in the recently launched Professional Science Masters in Wildlife Administration and Management degree program.

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 Schauber, Professor

Mike Eichholz, Associate Professor

Justin Boyles, Assistant Professor

Jason Brown, Assistant Professor

Interim Director Whiles reports on CWRL activities to the Vice Chancellor for Research approximately twice per month.

### 10.2 Number of Meetings (In This Year)

6 CWRL faculty meetings; meetings with the VCR ~  
2 times per month.

## 11. Annual Performance

11.1 Performance Measures \*

Measure	Target for Year	Results in Year
1. Grant funds generated		\$1, 204, 618
2. Peer-reviewed publications		34
3. Graduate students enrolled		13
4. Graduate students completed		9
5. Undergraduate researcher projects		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)

CWRL faculty members brought in over \$1 million in external funding this past year, exceeding totals for all except two of the past ten years, and published 34 peer-reviewed manuscripts plus a book and 5 book chapters. Collectively, faculty mentored and advised 93 undergraduates in the zoology and forestry programs and supervised 12 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 194 students.

The CWRL successfully launched the Professional Science Masters Degree Program in Wildlife Administration and Management, with a first-year enrollment of 6 students.

Nine graduate students in the CWRL completed their degrees during FY17

In support of the required, routine program review this year, the CWRL developed a comprehensive self-study document that provides an overview of resources, activities, and accomplishments from 2010-2017.

11.3 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 produce undergraduate and graduate students that 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.

11.4 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 dropped during the state budget crisis because the Federal Aid funding, which supports much of the CWRL's research and graduate training activities, was unavailable during this period. The fact that graduate enrollment is rebounding quickly reflects the solid reputation of the program.

11.5 Evidence of Organizational Effectiveness

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

12. Institutional Assessment

12.1	Date of Last Review	2010 internal and external reviews, scheduled for internal and external reviews this year
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	The CWRL is up for a full review this year; a self-study document has been submitted to the OVCR.

RESOURCES: Cooperative Wildlife Research Laboratory

<b>Financial Resources</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Revenues:					
State Appropriations	221,266.16	473,628.24	512,526.69	511,624.47	505,892.09
Local Accounts	28,557.18	80,647.29	111,656.72	116,609.62	86,195.49
Grants & Contracts	320,614.35	927,126.18	1,011,633.63	1,008,472.95	985,900.70
Total Revenues	570,437.69	1,481,401.71	1,635,817.04	1,636,707.04	1,577,988.28
Expenditures:					
Salaries	681,670.29	985,484.09	1,030,716.16	1,003,780.03	1,017,464.98
Wages	11,516.91	14,633.19	31,873.96	35,885.99	21,338.74
Travel	26,772.27	39,220.27	51,222.04	39,313.55	43,563.81
Equipment	(36,285.04)	32,470.93	117,567.00	33,899.22	36,874.31
Commodities	124,062.01	217,598.42	248,962.70	88,828.44	76,439.09
Contractual Services	52,255.67	206,667.35	139,969.11	145,621.90	122,801.43
Op/Auto	15,175.32	65,082.10	59,135.77	67,060.73	90,326.20
Telephone	3,053.86	3,764.01	5,826.86	2,363.48	5,735.38
Fringe Benefits	5,911.55	43,616.64	60,751.85	29,757.31	30,501.42
Indirect	48,848.67	209,114.61	155,976.22	138,172.59	157,507.24
Other	20,000.00	3,301.34	11,161.35	20,302.18	22,000.00
Total Expenditures	952,981.51	1,820,952.95	1,913,163.02	1,604,985.42	1,624,552.60
Revenue Minus Expenditures	(382,543.82)	(339,551.24)	(277,345.98)	31,721.62	(46,564.32)

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

<b>Staffing (Full Time Equivalent)</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Faculty	5	5.2	5.2	6.0	5.0
Staff	21.3	49.8	66.7	60.7	47.1
Students	12	11.0	16.0	18.0	20.0
Graduate Assistants	8.8	14.0	13.3	13.3	13.5
Total Staffing	47.1	80.0	101.2	98.0	85.6

\*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 1,2016 – June 30, 2017

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

1.	Reporting Institution	Southern Illinois University Carbondale						
2.	Center/Institute	Fermentation Science Institute (FSI)						
3.	Date	04/23/2018						
4.	Director	Matthew McCarroll						
4.1	Telephone	(618) 453-7508						
4.2	E-mail	<a href="mailto:mmccarroll@siu.edu">mmccarroll@siu.edu</a>						
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%;">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 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.* The FSI has secured approval to develop a pilot distillery and has garnered commitment from Artisan Still Designs to donate a distillery to the program. In the coming fiscal year, we will finalize this donation and complete construction and installation of the distillery.



*Establish Pilot Malting Facilities.* A goal of the malting facility is to offer on-site malting capabilities for training students in the program. Such a facility will serve as a demonstration pilot plant to encourage and support 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.

*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 Bush (retired)  
 Alastair Pringle – Board Examiner, Institute of Brewing and Distilling  
 Bradley Beam – Enology Specialist, Illinois Grape Growers and Vintner’s Association  
 Eric Stamp – 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	350
2. Gifts-in-kind	NA	TBD
3. Completed Research Projects	2	1
4. Sponsored Events	2	2
5. Carbondale Brew Fest	\$5,000	\$2,364.51
6. FSI related Grant Proposals Submitted	3	5
7. Revenue from Testing Services	\$5,000	\$17,465.21

\* 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 joined 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 competitive offer.

**Recognition of Degree Program.** In spring of 2017 the FSI received formal program recognition by the Master Brewers Association of the Americas as one of six 4-year degree programs in North America. The program is the only recognized program in the central region of the country.

**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 multiple radio, television and newspaper interviews at the regional and national level. Additionally, the Director gave 9 invited presentations to various professional and community organizations.

**Public Outreach and Engagement.** The FSI hosted or participated in several educational tasting events in FY17, including hosting the local homebrew club meetings on several occasions. The FSI co-sponsored the SIU Farm to Fork event, which was a coursed meal from locally grown ingredients pairs with 4 locally produced wines and beers. The FSI curated the pairings and facilitated the service and alcohol related activities of the event. This will become an annual event.

**Carbondale Beer Festival.** The FSI carried out its 2<sup>nd</sup> year of partnering with the Carbondale Main street organization to organize the Carbondale Beer fest. The FSI used its contacts to bring in participating breweries. In addition, the FSI hosted a lunch and formal tour of the FSI facilities for professional brewers attending the festival. The inaugural festival drew over 700 attendees with a net proceed to the FSI of \$2,364.51 (payment received in FY18).

**Research Activities.** The FSI organized and conducted two research activities during the fiscal year. One was a continuation of 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 breweries from North Carolina (Fonte 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. Our new faculty hire, Dr. Katherin Witrick, began her appointment in January of 2017. Her research is supported by the infrastructure of the FSI. Specifically, she is a major user of our analytical core facility and our pilot brewing system. Dr. Witrick has one industry supported project that began in summer of 2017.

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. The service lab experienced a significant increase in request for services, contributing to an activities revenue of nearly \$20,000 in FY17.

FSI Facilities. During FY17 the laboratories of the FSI were completed and commissioned into operation. We began teaching classes at the FSI, utilizing the dedicated teaching facilities. We also hosted a number of workshops and multiple tours of the facility during the year.

### 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 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 theme of *developing our people and our places*.

#### Supporting the SIU Carbondale Strategic Plan:

The development of the Fermentation Science Institute facilitates 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. Efforts have begun to build industrial partnerships.

Establish Professional Advisory Board. The advisory board has been filled to a nearly functional level. The topic gaps that are missing are in 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. An honors project for a student in chemistry was facilitated in the FSI, including participation of a Kevin Smith, a lecturer in the Department of Chemistry and Biochemistry.

Expand Service Laboratory Impact and Revenue. The FSI obtained full certification for beer, wine and distilled spirits by the federal Tax and Trade Bureau during FY 17. 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 was able to secure a commitment from Artisan Still Designs to donate a custom designed multi-column distillery. The value of this donation is on the order of \$100,000. Internal commitments have been secured from the College of Science to build out suitable space in McLafferty to house the distillery. This represents a unique opportunity to differentiate the program and provide world-class training to our students, as well as outreach training and workshop opportunities.

Malting Facilities. The FSI director worked with local regional development and the regional USDA office to develop plans for a pilot malting facility. This resulted in the submission of a grant to develop and place a facility within the FSI. The grant was submitted in FY17 and was awarded (\$120K) during FY18.

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. In conjunction with the Articulation and Outreach Office, we have begun development of an articulation agreement with Richland Community College. Once this framework is complete we hope to develop additional agreements.

The FSI continued to support efforts toward completion of the Fae Minor McGill Teaching Kitchen and Sensory Laboratory. The Director of the FSI lead the effort in collaboration with Animal Science, Food and Nutrition to build the teaching kitchen and sensory laboratory in the McLafferty Annex. The project will result in a commercial style kitchen and formal sensory laboratory that will be used by multiple departments for teaching, research and outreach activities.

#### 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. The FSI plays an important role enabling cross college efforts related to fermentation.

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 The FSI will be reviewed in FY 18

**RESOURCES: (Fermentation Science Institute)**

<b>Financial Resources</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Revenues					
State Appropriations	59,517.97*	166,242.25	151,764.10		
Service Lab	19,829.72	1,234.00	0		
Overhead Recovery Expenditure	2,598.22	15,500.00	0		
Total Revenues	81,945.91	182,976.25	151,764.10		
Expenditures*					
Salaries	139,451.69	121,578.83	102,787.94		
Travel	2,254.28	6,292.68	1,193.75		
Equipment	1,576.21	19,609.16	24,469.92		
Commodities	9,886.78	17,203.32	6,488.09		
Contractual Services	13,711.35	16,388.68	4,045.68		
Awards and Grants	0	1,443.00	54.75		
Telecommunications	960.00	585.30	116.48		
Total Expenditures	167,840.31	181,657.97	139,156.61		
Revenue Minus Expenditures	-85,894.40*	1,318.28	-12,607.49		

\*Negative balance is a result of retroactive sweep of state account following state budget crises. State budget was on track for a balanced closeout and revenue from the Service Lab would have been positive.

<b>Staffing (Full Time Equivalent)</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Faculty	.25	0	0		
Staff	1.5	1.5	1.5		
Total Staffing	1.75	1.5	1.5		

CENTERS AND INSTITUTES  
ANNUAL REPORTING

Report For: July 1, 2016 – June 30, 2017

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

1.	Reporting Institution	Southern Illinois University
2.	Center/Institute	Illinois Soybean Center
3.	Date	April 19, 2018
4.	Director	Dr. Jason P Bond
4.1	Telephone	618-453-4309
4.2	E-mail	jbond@siu.edu
5.	Year Established	1997
6.	Illinois State Statute (if pertinent)	N/A
7.	Reporting Unit	College of Agricultural Sciences
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 Center for Soybean Research, Teaching and Outreach was started in 1997.
  - Intent was to develop a center without walls.
  - Developed a proposal for state appropriation to hire a plant pathologist and plant geneticist to fill curriculum and research deficiencies.
- Illinois Soybean Association established and endowment of \$500,000 in 2005.
  - Began to function as a center with proceeds from the endowed funds and the annual match from the Chancellor's office.
- The name was changed to Illinois Soybean Center (ISC) in 2008.
- Agronomy Society was officially recognized as a registered student organization in 2014. The club is a resurrected form of the Plant and Soil Science Club that ended in the late 1990s. The recommendation for this club came from the Illinois Soybean Association members serving on the Board of Trustees of the Illinois Soybean Center.
- The Agronomy Society is a honor society of undergraduate and graduate students who maintain a 3.0 GPA.
- The purpose is to promote educational interest, and develop an appreciation for a broader and a scientific outlook in agronomy. Members receive advanced leadership training, so they can educate tomorrow's decision makers.

### 9.2 Mission

Development of technologies using an interdisciplinary approach to enhance soybean production in Illinois and in the North Central Region, increase soybean utilization by the global community, contribute to the base of scientific knowledge, and educate human capital.

### 9.3 Objectives

- 1) Conduct research on soybean that increases basic knowledge and contributes to practical solutions of stakeholder problems.
- 2) Develop new soybean cultivars and germplasm that enhance production and value.
- 3) Facilitate technology transfer of research outcomes to growers, to the soybean industry, and to consumers.
- 4) Establish consortia with public and private organizations to enhance research, teaching and outreach for mutual benefit.
- 5) Encourage multi-disciplinary research and improve external funding opportunities.

## 10. Advisory Board

### 10.1 Advisory Board – Membership

<b>Faculty Advisory Board: Represents over 25 Faculty Members from multiple colleges</b>			
Agribusiness Economics	Dwight Sanders	Medical Physiology	Buck Hales
Animal Biotechnology	Ed Heist	Plant Biology	Andrew Wood
Animal Nutrition	Gary Apgar	Plant Breeding	Stella Kantartzi
Biotechnology	David Lightfoot	Plant Pathology	Ahmad Fakhoury
Food and Nutrition	Jeremy Davis	Weed Science	Karla Gage



Engineering/Technology Microbiology	Vacant Doug Fix	Soil Science	Amir Sadeghpour
<b>Board of Directors:</b>			
1. Director			
2. Associate Dean, COAS			
3. Chair, Department of Plant, Soil, and Agricultural Systems			
4. Chair, Department of Animal Science, Food and Nutrition			
5. Chair, Department of Agribusiness Economics			
6. Fisheries and Illinois Aquaculture Rep			
7. Faculty Rep			
8. Illinois Soybean Association Executive Director			
9. Illinois Soybean Association Chairman			
10. Illinois Soybean Association District Rep			
11. Dean, COAS - Ex Officio			

10.2 Number of Meetings (In This Year) 1

11. Annual Performance

11.1 Performance Measures \*

Measure	Target for Year	Results in Year
1. Publications	30	23
2. Public Service Activities (Field Days, Conferences, workshops, etc.)	50	55
3. National/Regional Research Projects or Working Groups	--	21
4. Graduate Students Trained (MS and PhD)	--	26
5. Undergraduate Student Workers Trained	--	22
6. Undergraduate Leadership Training (Agronomy Honor Society)	50	72
6. Undergraduate Job Placement/Graduate School	--	21
8. Graduate Students Job Placement/Graduate School	--	8
9. Grant Dollars	--	\$2,067,169
10. Internships	--	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.

-- Targets will be identified at completion of Strategic Plan

### 11.2 Major Accomplishments (In This Year)

(briefly summarize center/institute's major accomplishments for the year)

- The Director met twice with United Soybean Board, North Central Soybean Research Program, and Soybean Center Directors from Iowa, Missouri, Indiana, and Ohio.
  - Discussed initiatives and scope of each center and funding opportunities
  - Developed an initiative for communication efforts that would serve each center
- The Agronomy Society undergraduate students participated in their first international meeting of 6,000 scientists representing Soil, Crop and Agronomy Societies in Phoenix, AZ.
- At the 2017 meeting in Tampa, FL, SIU students placed 6<sup>th</sup> in the nation among the Land Grant Universities for club activities and community involvement. They finished 1<sup>st</sup> in Illinois.
  - Individually, undergraduate student researchers from SIU finished 1<sup>st</sup> and 3<sup>rd</sup> in the nation for oral presentations and 3<sup>rd</sup> in the nation for poster presentations.
- The Agronomy Society held their 2<sup>nd</sup> Annual Agronomy and Life Science Field Day. This is a recruitment and retention event held on campus by our students for community college students. Over 100 community college students attended from Rend Lake College, Kaskaskia College, Parkland College, Lake Land College, Wabash Community College and Ivy Tech (Indiana).
- The Illinois Soybean Center and the Agronomy Society helped host:
  - Belleville Farmer Field Day – 250 participants
  - Illinois Soybean Advisory Field Day – 75 participants
  - North Central Soybean Research Program Field Day – 50 Farmer Directors that constitute the Funding Board for the 12 North Central states

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

In review of the general expectations for Centers and Institutes for the SIU System, the Illinois Soybean Center has evidence of support for these expectations set forth in table 11.1:

**Create and transfer knowledge to students and other learners –**

**Offer students and other learners opportunities to apply knowledge to the real world –**

The Center trained 94 undergraduates, and 1000s of industry, alumni and soybean stakeholders in the past year. Center faculty also helped place 41 undergraduate and graduate students with jobs, internships and positions at other universities.

**Support graduate and professional students –** Faculty research grants led to the support of 26 graduate students (MS and PhD).

**Support undergraduate research activity –** Faculty research grants led to the support of 22 undergraduate student researchers.

**Enhance the university's external reputation –** Faculty were engaged with 21 National/Regional Research Projects. Faculty also contributed via publications, public service activities across the state of Illinois, and secured millions in research funding.

**Engage and contribute to the welfare of the people we serve –** Faculty presented workshops and field day presentations to over 1,000 people representing industry, alumni and soybean stakeholders. Faculty are actively involved in recruitment, retention and placement.

**Translate research finding to useable products and services for academia and the public**

– Faculty research grants led to 23 publications in scientific journals and also provided crop management recommendations via extension talks and publications.

**Maintain a minimal critical mass of faculty** – Over the last 5 years, the number of faculty involvement in soybean research has been affected by a reduction in state research funding. Several faculty have diversified their research portfolios, however the total number of faculty available for soybean research has not changed over the last 3 years.

**Increase student competitiveness in the marketplace** – This is evidenced by placing 29 undergraduate and graduate students.

11.4 Evidence of Support for Center/Institute Objectives

1) **Conduct research on soybean that increases basic knowledge and contributes to practical solutions of stakeholder problems.** This is evident by the amount of research grant funding and the number of publications. Faculty at SIU have a great reputation among the funding agencies and review boards of professional journals.

2) **Develop new soybean cultivars and germplasm that enhance production and value.** SIU did not release new soybean cultivars and germplasm in 2017, but historically this has been a hallmark of the soybean research program at SIU.

3) **Facilitate technology transfer of research outcomes to growers, to the soybean industry, and to consumers.** This is evident by the numbers of publications, extension presentations, workshops and one-on-one training sessions.

4) **Establish consortia with public and private organizations to enhance research, teaching and outreach for mutual benefit.** Currently SIU soybean researchers are the Lead Investigators on 2 National United Soybean Board Projects totaling \$1 million in grant funding. The Illinois Soybean Center is actively engaged with State, Regional and National Soybean Associations in addition to Soybean Centers at The Ohio State University, Iowa State University, University of Missouri and Purdue University.

5) **We encourage multi-disciplinary research and improve external funding opportunities as evidenced by our faculty advisory board and the amount of grant funding.**

11.5 Evidence of Organizational Effectiveness

(briefly provide any evidence of the center/institute's organizational effectiveness in this year)  
A major limitation of the Illinois Soybean Center is that there are limited funds to operate the Center and there are no staff members. The Director also does not have an administrative appointment (no release time). He is volunteering to serve in this capacity, and he has a full workload in teaching, research and service. Given this level of funding, certainly there is a positive return on the investment.

Over the past year, the Director has continued to expand the Agronomy Society in size and purpose. Additionally, there are several research proposals are in development to expand the training and leadership opportunities for undergraduate and graduate students.

In the summer and fall of 2018, the Faculty Advisory Committee and Board of Directors will develop a strategic plan for the Center. This plan will guide the Center and will help to identify avenues for future funding of the Center.

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: Illinois Soybean Center**

<b>Financial Resources</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Revenues					
State Appropriations	-	179,319.36	157,181.91	164,781.00	180,014.25
Income Fund	-	-	-	-	-
<b>Grants &amp; Contracts (faculty research activity)**</b>	<b>2,067,169</b>	<b>2,370,269</b>	<b>2,259,488</b>	<b>3,787,443</b>	<b>4,256,488</b>
University Match on Interest from Endowment	-	-	20,530.00	-	34,028.00
Distribution from Endowment	20,535.20	20,534.59	20,534.58	20,530.20	20,356.42
<b>Total Revenues***</b>	<b>-</b>	<b>199,853.95</b>	<b>198,246.49</b>	<b>185,311.2</b>	<b>234,398.67</b>
Expenditures*					
Salaries	-	214,507.03	156,933.67	169,988.08	189,782.18
Fringe Benefits	-	-	-	-	2,579.25
Travel	-	-	-	-	2,791.17
Equipment	-	-	-	1,051.39	16,456.86
Commodities	-	-	-	2,677.22	3,649.87
Contractual Services	-	-	95.55	6,916.38	572.11
Award and Grants (Grad As. Fee)	-	284.70	109.50	129.00	322.50
Operation of Auto	-	-	-	-	-
Telecommunications	-	-	-	168.59	138.53
<b>Total Expenditures</b>	<b>-</b>	<b>214,791.73</b>	<b>157,138.72</b>	<b>180,930.66</b>	<b>216,292.47</b>
<b>Revenue Minus Expenditures</b>	<b>-</b>	<b>(14,937.78)</b>	<b>41,107.77</b>	<b>4,380.54</b>	<b>18,106.20</b>

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

\*\* **Faculty research activity associated with Center. Not direct funding to the Center.**

\*\*\* Total Revenues does not include Grants and Contracts, that are managed by faculty.

<b>Staffing (Full Time Equivalent)</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Faculty	-	1.53335	1.0187	1.5	1.5625
Graduate Assistant	-	0.875	0.499	0.1459	0.6206
Staff	-	-	-	-	-
<b>Total Staffing</b>	<b>-</b>	<b>1.6459</b>	<b>2.1831</b>	<b>2.0415</b>	<b>2.0071</b>

There are 17 faculty involved (or have been) in soybean research but no faculty were being paid through the centers operating funds in FY2017.



CENTERS AND INSTITUTES  
ANNUAL REPORTING

Report For: July 1, 2016 – June 30, 2017

(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 30, 2018
4.	Director	Ian Ivar Suni, Ph.D.
4.1	Telephone	618-453-7822
4.2	E-mail	<a href="mailto:isuni@siu.edu">isuni@siu.edu</a>
5.	Year Established	1983
6.	Illinois State Statute (if pertinent)	Unknown
7.	Reporting Unit	Office of the Vice Chancellor for Research
8.	Type	Activity (check all that apply)
	Instructional	Aspirational
	Research	XX
	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 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 Materials 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 Materials Technology Center 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, Professor of Chemistry and Biochemistry  
 Dr. Tomasz Wiltowski, Director of the Advanced Coal and Energy Research Center  
 Dr. Shaikh Ahmed, Professor of Electrical and Computer Engineering  
 Dr. Lichang Wang, Professor and Chair of the Department of Chemistry

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	1
2. Peer reviewed publications by MTC faculty	50	73
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, bring internationally renowned researchers to campus to meet with SIUC students and faculty. During FY 17, seminar speakers included:

- Dr. Alan West, Professor and Chair of Chemical Engineering, Columbia University. Seminar entitled, "Electrochemical Energy Storage: Chemicals and/or Batteries," on February 23, 2017.

Unfortunately, our other scheduled seminar speaker (Dr. Richard Axelbaum, Washington University) had to cancel his seminar at the last minute for health reasons. He is rescheduled to present a seminar in FY18.

**On October 13, 2016, the Director of the Materials Technology Center presented a poster on our technology transfer and intellectual property development efforts at the SIU Tech Expo in Chicago, which was organized by the Vice Chancellor for Research, Dr. James Garvey.** The poster include contributions from the following members of the Materials Technology Center:

- Dr. Punit Kohli, "Micro-lens for High Resolution Imaging."
- Dr. Boyd Goodson, "Heterogeneous Catalysts for NMR/MRI Enhancement via SABRE."
- Dr. Rasit Koc, "Synthesis of Metal Borides."
- Drs. Saikat Talapatra and Kanchan Mondal, "Liquid Fuel Production from Solid Precursors with Carbon Nanotubes."
- Dr. Lichang Wang, "Dye-sensitized Solar Cell Featuring Powdered Coal."
- Dr. Kyle Plunkett, "New Electron-accepting Materials for Organic Electronics."

At the SIU Tech Expo, the Director also networked with other SIU stakeholders from industry, government, law, and national laboratories.

The Director of the Materials Technology Center is faculty adviser for the University Chapter of the Materials Research Society (MRS) at Southern Illinois University Carbondale (SIUC). During FY17, the MRS University Chapter hosted a series of luncheon meetings at which different SIUC graduate students made presentations about their Materials research to the other students in the MRS University Chapter. They also organized a student tour of the IMAGE center, which houses scanning electron microscopes (SEM) and transmission microscopes (TEM) that are vital for Materials research.

**In addition, the MRS University Chapter submitted a proposal, entitled "Exploring Materials Technology with a Younger Generation of Scientists," in December 2016 to the MRS Foundation** In February 2017 we were notified by the MRS that this would be funded at the level of \$993.17. **On Saturday, May 20, the MRS University Chapter had an all-day Materials demonstrations and presentation at the Science Center in the University Mall, Carbondale IL.** The demonstration and presentation topics included:

- Electroless silver deposition to make metallic, broccoli-like trees.
- Electroless silver deposition to make a mirror shiny.
- Inflate a balloon by causing a phase change, evaporation of dry ice.
- Fixation of a biological sample for electron microscopy using liquid nitrogen.

During Summer 2016, we aided with administration and support, including financial support, 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 meets 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. **During FY17, the Director also initiated a series of more formal meetings on two vital topics within Materials research, Energy Materials and Biointerfaces.** This involved meetings with interested faculty and detailed exchange of recent articles, particularly review articles, within sub-fields of Energy Materials and Biointerfaces. Some examples of the articles that we exchanged and discussed include:

- M. Kumar *et al*, "Strategic review of secondary phases, defects and defect-complexes in kesterite CZTS–Se solar cells," *Energy Environ. Sci.* **8**, 3134 (2015).
- D.A. Egger *et al*, "Hybrid Organic–Inorganic Perovskites on the Move," *Acc. Chem. Res.* **49**, 573 (2016).
- C. Zhong *et al*, "A review of electrolyte materials and compositions for electrochemical supercapacitors," *Chem. Soc. Rev.* **44**, 7484 (2015).
- J.S. Park *et al*, "Directed migration of cancer cells guided by the graded texture of the underlying matrix," *Nat. Mater.* **15**, 792 (2016).
- E. Bressan *et al*, "Graphene based scaffolds effects on stem cells commitment," *J. Translat. Med.* **12**, 296 (2014).
- H.C. Flemming *et al*, "Biofilms: an emergent form of bacterial life," *Nat. Rev. Microbiol.* **14**, 563 (2016).

On Monday, May 8 2017, the Director made a presentation on Electrochemistry to the AP Chemistry class at Carterville High School (CHS), following an invitation by Jenni Gibbs, who teaches this course at CHS.

### 11.3 Evidence of Support for Illinois Public Agenda, SIU Board of Trustees, and SIU 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 our 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 Materials 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.

#### 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 IBHE review conducted during FY 14 by Dr. James Allen, SIUC Associate Provost for Academic Programs

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

12.3 Explanation

Not applicable

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**RESOURCES: Materials Technology Center**

<b>Financial Resources</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>	
Revenues						
State Appropriations	75486	88725	88725	49037	49037	
Income Fund						
Grants & Contracts	17193				176258	
VCR New Faculty Startup				150000		
COS New Faculty Startup			100000			
xxx						
xxx						
xxx						
xxx						
<b>Total Revenues</b>	<b>92679</b>	<b>88725</b>	<b>188725</b>	<b>199037</b>	<b>225295</b>	
Expenditures*						
Salaries	75486	75486	75486	37002	37002	
Other than salary	17193	13239	113239	162035	188293	
xxx						
xxx						
xxx						
xxx						
<b>Total Expenditures</b>	<b>92679</b>	<b>88725</b>	<b>188725</b>	<b>199037</b>	<b>225295</b>	
Revenue Minus Expenditures	0	0	0	0	0	

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

<b>Staffing (Full Time Equivalent)</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>	
Faculty	1	1	1	1	1	
Staff	0	0	0	0	0	
<b>Total Staffing</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	

CENTERS AND INSTITUTES  
ANNUAL REPORTING

Report For: July 1,2016 – June 30, 2017

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

1.	Reporting Institution	SIUC						
2.	Center/Institute	Meyers Institute						
3.	Date	04/10/2018						
4.	Director	Yuqing Hou						
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							
8.	Type	<div style="text-align: center;">Activity (check all that apply)</div> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Instructional</td> <td style="padding: 2px;">Yes</td> </tr> <tr> <td style="padding: 2px;">Research</td> <td style="padding: 2px;">Yes</td> </tr> <tr> <td style="padding: 2px;">Public Service</td> <td style="padding: 2px;"></td> </tr> </table>	Instructional	Yes	Research	Yes	Public Service	
Instructional	Yes							
Research	Yes							
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 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. Cal Y. 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 stipend 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

In the process of building a board

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	3	3
2. Teach courses in Chemistry	1	1
3. Filing a patent application	1	0
4. Recruiting graduate students	1	0
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 549 and Chem 444 in the Department of Chemistry and Biochemistry.  
Lihong Gao, a PhD student, started a new research on organic frameworks and the research will focus on catalysis.  
Collaboration with Dr. Boyd Goodson in the Chemistry Department produced some interesting results and the results may be patented and published later.  
Jack Pertile, a MS student, has made progresses on a new synthetic route for RNA probes.

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

Dr. Yuqing Hou served as the chair in the American Chemical Society Southern Illinois Section.  
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 chemistry courses. Dr. Yuqing Hou also serves on several graduate students' committees, helping and guiding 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.  
Lihong Gao, a PhD student, has advanced to candidacy to her PhD study.

### 11.5 Evidence of Organizational Effectiveness

The institute has been managed by Dr. Yuqing Hou since Dr. Meyers's death, currently directing two 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 2013

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

12.3 Explanation

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**RESOURCES: Meyers Institute**

<b>Financial Resources</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>	<b>FY2012</b>
Revenues					
State Appropriations	0	0			
Income Fund	120000.00	75000			
Grants & Contracts	0	0			
Previous year balance	70738.27	92642.67			
xxx					
xxx					
<b>Total Revenues</b>	<b>190738.27</b>	<b>92642.67</b>			
Expenditures*					
Fringe benefits	32000.00	30596.64			
Contractual service	1000.00	1034.50			
Salaries	100500.00	59304.96			
Commodities	7500.00	5756.49			
Equipment	0	211.51			
xxx					
<b>Total Expenditures</b>	<b>141,000.00</b>	<b>96904.40</b>			
<b>Revenue Minus Expenditures</b>	<b>49738.27</b>	<b>70738.27</b>			

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

<b>Staffing (Full Time Equivalent)</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>	<b>FY2012</b>	<b>FY2011</b>
Faculty					
Staff	1	1			
<b>Total Staffing</b>	<b>1</b>	<b>1</b>			



CENTERS AND INSTITUTES  
ANNUAL REPORTING

Report For: July 1, 2016 – June 30, 2017

(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 30, 2018
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	OERD reports to the 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 at SIU, Small Business Incubator, Saluki Ventures Student Business Incubator, Illinois Manufacturing Excellence Center, 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 9 IMEC staff are SIU Employees.

### 9.2 Mission

OERD & SIU Research Park 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 Business 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:**

Curtis Baird, Board Chair (CEO, Highline Ideas)  
Gary Williams, Vice Chair (Manager, City of Carbondale)  
Teresa Katubig, Secretary (CEO, Higher Level, Inc.)  
John Dosier, Treasurer (President, First Southern Bank)  
Duane Stucky (Senior Vice President and Board Treasurer, SIU)  
Carlo Montemagno (Chancellor, SIUC)  
David Dilalla (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)  
Donald Gulley (CEO, Southern Illinois Power Cooperative)

#### **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)  
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:**

Karen Binder (Grand River Spirits)  
Sue Endres (Midwest Medical Practice Management)  
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)  
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 (Core Pharmacy)  
Mark Novoa (Ground FX Flooring)

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

11. Annual Performance

11.1 Performance Measures \*

Measure		Target for Year	Results in Year
1.	Total clients (SBD)	215	258
2.	Total business counseling hours (SBDC/ITC/TIES)	1,800	1,294
3.	Total jobs created – technical assistance (SBDC)	100	91
4.	Total jobs retained – technical assistance (SBDC)	125	96
5.	Number of business start-ups (SBDC)	20	34
6.	Number of business expansions/acquisitions (SBDC)	13	8
7.	Number of loans secured for clients (SBDC)	15	14
8.	Amount of loans secured (SBDC)	\$2,500,000	\$3,163,000
9.	Number of equity-financed projects (SBDC)	15	19
10.	Amount of equity secured for clients (SBDC)	\$1,625,000	\$773,050
11.	Successful I.P. filings awarded (SBDC)	4	1
12.	University student projects with regional business (SBDC)		6
13.	New Small Business Incubator Tenants		2
14.	Saluki Venture Start-Up activities		3
15.	Companies assisted (IMEC)		614
16.	New and retained sales per project (IMEC)		\$1,300,000



Measure		Target for Year	Results in Year
17.	Cost savings per project (IMEC)		\$131,000
18.	Jobs created and retained (IMEC)		3,677
19.	Aggregate impact (IMEC)		\$411,367,826
20.	Entrepreneurs in Residence Engaged (DRA)	4	4

\* 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 9 training seminars to 355 participants.
- Admitted 6 tenants into the Dunn-Richmond Economic Development Center.
- Assisted businesses exporting products, increasing their sales by \$36 million.
- Assisted 10 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.
- Coordinated dual credit for 24 high school entrepreneurship students with SIU's BUS 115 class.
- Acquired the Center for Innovation (formerly in the College of Business).
- Collaborated with the SIU Alumni Association to demonstrate 3-D printers.
- Partnered with the International Economic Development Council to offer two national workshops on business continuity and economic development for elected officials.
- Lead planning entity for the Technology Expo for the total solar eclipse.
- Was awarded a grant from the U.S. Delta Regional Authority to offer an Entrepreneur-in-Residence program to regional, technology, and high growth businesses.
- Continued partnerships for other economic development agencies.

### 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 subsequent 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 of 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 several years ago. 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, and development of the 3-D lab

Staff continues to optimize and re-envision the range of services offered. The increasing use of social media, search engine optimization marketing and foreign direct investment as a regional economic development strategy are examples of the changing client needs.

OERD is being recognized as an economic development leader in southern Illinois. Involvement with the regional planning commissions, county and local economic development agencies, the Southern Illinois Metropolitan Planning Organization all indicate the region's desire to have university involvement and leadership.

#### 11.5 Evidence of Organizational Effectiveness

Receiving the designation by Forbes Magazine as a top 30 (# 27) entrepreneurial university in 2015, the designation by the Carnegie Foundation as a Community Engagement Institution, and the designation by the Association of Public and Land grant Universities as an Innovative and Economic Prosperity Campus, provides validation that the campus and this unit has been an effective entity.

Given the challenge of the past three years, with either a decreased state budget or no budget, the organization has been able to survive. In March of 2015 a state grant to OERD was suspended and subsequently terminated to due to the change in leadership at the state level. The grant was to be used for enhancing an innovative ecosystem in the region. Despite this loss of \$100,000 in grant funding, a number of this activities took place, including establishment of the 3-D lab.

#### 12. Institutional Assessment

12.1	Date of Last Review	<u>None for OERD</u>
12.2	Decision at Last Review	<u>                    </u> Center/Institute in Good Standing <u>                    </u> Center/Institute Flagged for Priority Review <u>                    </u> Center/Institute Suspended
12.3	Explanation	<u>(briefly provide any explanation necessary of the institutional assessment or plans for pending program review)</u>

**RESOURCES: Office of Economic & Regional Development**

<b>Financial Resources</b>	<b>FY2017 (1)</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013 (2)</b>
Revenues					
State Appropriations	\$317,423	\$489,386	\$543,806	\$548,000	\$688,949
Econ Dev Program Income	11,175	65,368	74,000	0	0
Grants & Contracts	1,527,492	1,738,361	1,671,000	1,734,000	1,825,985
SBDC Generated Income	1,700	1,545	1,207	895	2,870
<b>Total Revenues</b>	<b>\$1,857,790</b>	<b>\$2,294,660</b>	<b>\$2,290,013</b>	<b>\$2,282,895</b>	<b>\$2,517,804</b>
Expenditures <sup>*</sup>					
Salaries/Wages & Benefits	\$1,584,167	\$1,846,574	\$2,153,711	\$2,171,974	\$2,342,133
Building Maintenance	3,568	1,966	17,763	21,152	54,654
Internal Roof Loan	12,026	12,026	12,026	12,026	12,026
Contractual	41,885	93,044	64,111	78,771	133,769
Supplies & Commodities	16,193	19,503	11,789	13,876	21,029
Misc.	59,872	185,968	12,612	14,439	16,956
<b>Total Expenditures</b>	<b>\$1,717,711</b>	<b>\$2,159,081</b>	<b>\$2,272,013</b>	<b>\$2,312,238</b>	<b>\$2,580,567</b>
<b>Revenue Minus Expenditures</b>	<b>\$140,079</b>	<b>\$135,579</b>	<b>\$18,011</b>	<b>-\$29,343</b>	<b>-\$62,763</b>

(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

<b>Staffing (Full Time Equivalent)</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Faculty	0	0	0	0	0
Staff	16	18	26	28	31
<b>Total Staffing</b>	<b>16</b>	<b>18</b>	<b>26</b>	<b>31</b>	<b>31</b>

**RESOURCES: SIU Research Park**

<b>Financial Resources</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Revenues					
State Appropriations	0	0	0	0	0
Income Fund	0	0	0	0	0
Grants & Contracts	\$204,218	\$235,111	\$289,962	\$325,624	\$309,224
Budget Allocation from SIU	123,766	131,648	119,621	79,418	95,981
Interest Income	734	649	872	1,361	1,952
<b>Total Revenues</b>	<b>\$328,718</b>	<b>\$367,408</b>	<b>\$410,455</b>	<b>\$406,403</b>	<b>\$407,157</b>
Expenditures*					
Budget Expended at SIU	123,766	131,648	119,621	79,418	95,981
Management and General	251,948	259,438	264,618	277,660	250,331
Depreciation	13,503	28,457	43,122	43,122	43,122
<b>Total Expenditures</b>	<b>\$389,217</b>	<b>\$419,543</b>	<b>\$427,361</b>	<b>\$400,200</b>	<b>\$389,434</b>
Revenue Minus Expenditures	-\$60,499	-\$52,135	-\$16,906	\$6,203	\$17,723

<b>Staffing (Full Time Equivalent)</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Faculty	0	0	0	0	0
Staff (4 staff contribute time)	1	1	1	1	1
<b>Total Staffing</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>



CENTERS AND INSTITUTES  
ANNUAL REPORTING

Report For: July 1, 2016 – June 30, 2017

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

1.	Reporting Institution	<u>Southern Illinois University Carbondale</u>
2.	Center/Institute	<u>Paul Simon Public Policy Institute</u>
3.	Date	<u>4/10/2018</u>
4.	Director	<u>John Shaw</u>
4.1	Telephone	<u>618-453-4003</u>
4.2	E-mail	<u><a href="mailto:john.shaw@siu.edu">john.shaw@siu.edu</a></u>
5.	Year Established	<u>Approved 1996, opened 1997</u>
6.	Illinois State Statute (if pertinent)	<u>(N/A)</u>
7.	Reporting Unit	<u>Chancellor's Office</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 Paul Simon Public Policy Institute was founded in January 1997 in order to fulfill the following overarching objective summarized in the New and Expanded Program Request (NEPR) approved by the Illinois Board of Higher Education at the Institute's founding in 1996.

"The guiding principle of the Institute will be the premise that rational scholarly analysis contributes to the making of more effective and more efficient public policy and contributes to elevating the level of public discourse in this country "(NEPR, 1996, 2).

### 9.2 Mission

The Institute's mission statement is as follows:

The Paul Simon Public Policy Institute acts on significant and controversial issues impacting the region, the state, the nation, and the world. The Institute is committed to developing and working to implement approaches that bring concrete, positive results in tackling some of the most difficult challenges in the public policy arena.

The Institute focuses its efforts on fostering:

- \* Ethical conduct in government.
- \* Opportunity and fair treatment for citizens in America and throughout the world.
- \* Promoting responsible citizenship for all Americans- but particularly for young Americans.

### 9.3 Objectives

The Institute executes its mission by working on a variety of specific annual objectives.

Those include:

- Conducting nationally known public opinion polls (Simon Poll™ and The Southern Illinois Poll™) to inform decision makers and citizens.
- Analyzing public policy through academic papers and other media.
- Providing and supervising paid internships and other learning opportunities for university students.
- Hosting lectures and conferences with noted leaders in public policy, journalism and other fields.
- Providing leadership and civic education programs for high school students.



10. Advisory Board

10.1 Advisory Board - Membership

The Board of Counselors are:

Nancy Chen (member at-large)  
 Ross Glickman (State Democratic Party appointment)  
 Brennan Knop (Simon family)  
 Mike Lawrence (member at-large)  
 Carlo Montemagno (*ex officio* member, SIU Carbondale Chancellor)  
 Bill Norwood (member at-large)  
 Vicki Otten (member at-large)  
 Howard Peters (member at-large)  
 James Salmo (*ex officio* member, Vice Chancellor for Development & Alumni Relations)  
 Martin Simon (Simon family) - Chair of the Board  
 Lucy Sloan (member at-large)  
 John Trasviña (member at-large)  
 Lance Trover (State Republican Party appointment)  
 Paula Wolff (member at-large)  
 David Yepsen (previous past director)  
 Vacant (member at-large)

10.2 Number of Meetings (In This Year) 1 meeting per year

11. Annual Performance

11.1 Performance Measures \*

Measure	Target for Year	Results in Year
1. Simon Poll <sup>TM</sup>	2	2 Polls Conducted
2. The Simon Review (Published Papers)		6 papers
3. Public Events		11 events
4. Internships Filled	6	5 internships filled
5. Graduate Assistants funded	1	1 position filled

\* 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)

- We held eleven events in a wide variety of topics that were free and open to the public. This included United Nations Secretary General Ban Ki-moon's last public speaking appearance before he retired. The event was attended by well over 1400 people and more via livestream.
- We kicked off our 20<sup>th</sup> Anniversary Celebration of the Institute's founding with former Gov. Jim Edgar as a keynote speaker.
- Held our annual Morton-Kenney Public Affairs Lecture Series with Carol Marin, the Jeanne Hurley Simon Lecture with Tequia Hicks-Delgado, and Gil & Jean Kroening Lecture with Steven Ellis.
- Held 3 separate Pizza and Politics events featuring local Illinois State Senators Paul Schimpf and Dave Fowler and Rep. Will Guzzardi.
- Conducted 2 statewide Simon Polls™ (fall & spring). Our findings were picked up through numerous statewide media outlets (television, radio and print), plus staff was interviewed for several stories for our expertise on the findings. We also presented our poll data through a City of Chicago Event in October 2016.
- We published 6 academic Simon Review papers over a variety of topics. All papers are made available via OpenSIU.
- We placed two interns in Springfield for the spring 2017 legislative session, plus had two interns serving in local Carbondale offices and a social work intern within the Institute.
- We began our search for the Institute's new director in June 2017 after David Yepsen's retirement in October 2016. He was institute director for seven years.
- We continued successful fundraising efforts to fully endow the Jeanne Hurley Simon Memorial Scholarship and the Barbara Brown Memorial Scholarship.

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

While PSPPI does not directly generate credit hours by offering formal classroom instruction, virtually all facets of the Institute's mission and activities support Goals 1-4 of the Illinois Public Agenda either directly or indirectly. Our guiding principal is "the premise that rational scholarly analysis contributes to the making of more effective and more efficient public policy and contributes to elevating the level of public discourse in this country." We focus on public policy and encourage university students, faculty and staff to be more engaged in the political discussion and analysis of public policy. We have organized and sponsored conferences on college affordability, the funding of K-12 education, the necessity of workforce development and the healthcare system in Illinois.

We also seek to engage and teach the mass media and K-12 teachers and students in that conversation. We value and extoll the importance of public service. We especially seek to encourage university students to enter careers in public services and through our paid internships we get them invaluable on-the-job training. Many of our former interns are now pursuing productive careers in local, state and national government jobs, as well as a variety of non-profit organizations.

The statewide polls we conduct inform the public and the media about important dimensions of public opinion regarding key policy and political questions. Our published papers focus on significant issues of public policy and politics. The papers are used and cited across the state, nation, and globe. We constantly stress the need for higher education and university based research in making Illinois competitive in an increasingly interdependent global economy.

Education brings light to the political process and operation of government. In the absence of such light our politics and government are driven by ignorance, fear, prejudice and myth. Our institute, and others like it seek to expand the light and decrease the darker impulses of a mass society and polity. This ambition is clearly consonant with the four major goals of the Illinois Public Agenda, the SIU system, and campus priorities for this and each year.

#### 11.4 Evidence of Support for Center/Institute Objectives

We continue to see donors supporting the Institute's mission and objectives as we are remembered in annual giving support and planned estate gifts. One of our longtime supporters, Lois Herr, donated over \$90,000 via her estate gift to the main Institute endowment as her testament to how she supported and valued the Institute.

We continue to see large crowd turnouts at our events, averaging from 60-75 people on any given event. These audiences include students, faculty, and staff from SIU, area K-12 students and teachers, interested citizens and a range of media outlets. We ask our audience to complete feedback cards to continually tweak and adjust for future events.

Our *Simon Review* papers are widely downloaded. In this year alone, we had over 2,200 unique downloads. Via OpenSIU, we are able to track that downloads this year came mostly from the United States, China, France, Zimbabwe and the United Kingdom. There have been over 20,000 downloads of these papers by users from across the nation and throughout the world since the series was started in 2004.

Our polls are widely used and cited when they are released. Our poll results have been covered widely in local, state and national media outlets.

Our policy experts are in much demand for interviews with the media. Our policy experts, David Yepsen, John Jackson, Linda Baker, Charles Leonard and Jak Tichenor were interviewed during this past fiscal year in *The New York Times*, *Wall Street Journal*, *The Washington Post*, *Newsweek*, *Politico*, *NPR*, *the Chicago Tribune*, *The Chicago Sun Times*, *The St. Louis Post-Dispatch*, *The Southern Illinoisan* and a wide variety of other outlets. Our staff also were featuring in a weekly public affairs segment on WSIL Channel 3, called *Talking Politics* during this entire year.

11.5 Evidence of Organizational Effectiveness

We continue to successfully place SIU undergraduate students in the state capitol in a variety of offices as interns during the spring legislative session. These interns are supervised by Dr. Linda Baker. We also continue to place Demuzio interns in local government offices in Southern Illinois. These interns are supervised by Dr. John Jackson.

We continued our partnership with the Celia M. Howard Foundation which provides a fellowship via the Institute for one graduate student. They have been so impressed by the work our past and current fellow holders that they decided to offer more fellowship opportunities via the Institute. Therefore, they have increased their support now to two fully funded (\$20,000 each) fellowships.

We continued our long term agreement with the McCormick Foundation to offer two conferences for area K-12 educations on civic engagement and best practices on teaching methods in their fields.

Our supporters donated over \$8,000 for SIU’s first annual Day of Giving. During this fiscal year our largest single private gift was from Lois Herr who left us over \$90,000 in her will.

12. Institutional Assessment

12.1 Date of Last Review NA – This is annual first assessment. (IBHE 8 year review completed in 2016. We were found to be in good standing with only two recommendations to be made.)

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

12.3 Explanation (briefly provide any explanation necessary of the institutional assessment or plans for pending program review)  
 NA

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## Resources: Public Policy Institute

FINANCIAL RESOURCES						
REVENUES	FY2017**	FY2016	FY2015	FY2014	FY2013	FY2012
<b>State Appropriations (Original)</b>	<b>496,427.13</b>	<b>550,795.13</b>	<b>561,141.76</b>	<b>496,087.04</b>	<b>544,467.59</b>	<b>561,461.86</b>
Budget Reduction	304,928.55	37,524.39	29,291.76	0.00	0.00	0.00
Budget Increase	0.00	0.00	0.00	60,872.72	22,065.27	23,707.53
<b>Ending Budget</b>	<b>191,498.58</b>	<b>486,767.74</b>	<b>531,850.00</b>	<b>556,959.76</b>	<b>566,532.86</b>	<b>585,169.39</b>
Income Fund						
Grants & Contracts						
Endowment Accounts - SIUF		814,707.35	675,577.74	846,028.14	801,589.99	448,173.08
Overheard Recovery - 202125						
<b>TOTAL REVENUES</b>	<b>992,854.26</b>	<b>1,889,794.61</b>	<b>1,797,861.26</b>	<b>1,959,947.66</b>	<b>1,934,655.71</b>	<b>1,618,511.86</b>
EXPENDITURES	FY2017	FY2016	FY2015	FY2014	FY2013	FY2012
1120 Salaries - Regular Positions	379,335.63	430,208.95	442,399.36	455,028.04	472,358.86	473,599.95
1120 Salaries - Graduate Assistants	2,553.99	2,193.79	12,136.41	20,118.48	9,193.56	8,556.00
1120 Salaries - Undergraduate Assistants	8,749.70	0.00	0.00	0.00	0.00	4,670.75
1120 Salaries - Fac AP Vacation Payout	0.00	0.00	0.00	0.00	1,804.02	10,784.22
1120 Salaries - Fac AP Sick Payout	0.00	0.00	0.00	0.00	0.00	5,333.13
1120 Salaries - Prior Year Salary Refund	0.00	0.00	0.00	0.00	0.00	(539.10)
4279 Employee Cont for Group Ins	0.00	0.00	0.00	0.00	0.00	0.00
4249 Wages Regular	1,431.77	15,035.31	18,066.88	16,113.47	19,850.99	21,911.31
4399 Travel	0.00	936.30	975.95	5,353.78	4,514.43	4,108.55
4499 Equipment	0.00	110.51	0.00	148.11	0.00	0.00
4699 Commodities	2,232.75	4,360.59	5,975.11	7,179.96	10,295.28	5,264.14
4899 Contractual Services	14,725.49	31,004.97	42,806.43	47,764.67	42,419.32	43,160.88
5099 Awards & Grants	0.00	0.00	320.84	257.89	107.50	172.00
5199 Op of Automotive	784.88	905.53	1,432.73	1,800.48	1,318.89	3,265.50
5399 Telecommunications	3,783.51	3,160.35	3,409.92	2,223.32	4,402.95	4,597.29
Fringe Benefits	0.00	0.00	0.00	0.00	0.00	0.00
Facilities & Administrative Costs	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL EXPENDITURES ****</b>	<b>413,597.72</b>	<b>487,916.30</b>	<b>527,523.63</b>	<b>555,988.20</b>	<b>566,265.80</b>	<b>584,884.62</b>
<b>REVENUE MINUS EXPENDITURES</b>	<b>579,256.54</b>	<b>1,401,878.31</b>	<b>1,270,337.63</b>	<b>1,403,959.46</b>	<b>1,368,389.91</b>	<b>1,033,627.24</b>

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

\*\* Unit change Unit 21181 (Reporting to Provost) to Unit 25150 (Reporting to Chancellor) - Salaries centralized under Chancellor's Office - vacant lines swept monthly causing decreases and/or increases to salaries budget.

\*\*\* Salaries centralized under Chancellor's Office - vacant lines swept monthly causing decreases and/or increases to salaries budget. Figures as of April 2, 2018

\*\*\*\* PLEASE NOTE THAT THE TOTAL EXPENDITURES **DO NOT** INCLUDE ENDOWMENT EXPENDITURES.

STAFFING (Full Time Equivalent)	FY2017	FY2016	FY2015	FY2014	FY2013	FY2012
Administrative Professional Staff	5.4000	4.7500	4.7500	5.0000	4.0000	5.0000
Civil Service Staff	0.0000	0.0000	0.5000	0.5000	0.5000	0.5000
Faculty Staff	1.0073	1.3700	1.5625	0.7700	1.0073	1.0073
Extra Help Staff	0.0000	0.0000	0.7000	0.0000	1.8660	2.3136
Graduate Assistants	1.0000	1.0000	1.5000	2.0000	0.5000	2.2500
Undergraduate Assistants	1.2500	1.3750	0.5000	0.0000	0.0000	0.3750
<b>TOTAL STAFFING</b>	<b>8.6573</b>	<b>8.4950</b>	<b>9.5125</b>	<b>8.2700</b>	<b>7.8733</b>	<b>11.4459</b>



CENTERS AND INSTITUTES  
ANNUAL REPORTING

Report For: July 1,2016 – June 30, 2017

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

1.	Reporting Institution	SIUC
2.	Center/Institute	SIU Clinical Center
3.	Date	03/29/18
4.	Director	Holly C. Cormier
4.1	Telephone	618-453-2361
4.2	E-mail	cormierh@siu.edu
5.	Year Established	1958
6.	Illinois State Statute (if pertinent)	N/A
7.	Reporting Unit	Associate Provost – Academic Affairs
8.	Type	Activity (check all that apply)
	Instructional	Yes
	Research	Yes
	Public Service	Yes

\* 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

(briefly describe the center/institute)

The Clinical Center graduate training program provides the training site for several graduate programs including Clinical Psychology, Communication Disorders and Sciences (CDS), and Educational Psychology and Special Education. The Clinical Center's mission is to provide the training resources and milieu for graduate students in these areas to complete direct experience training as required by their specific program. The specific areas of training that the graduate students participate in include: speech, language, and hearing services; psychological services including individual adult and child therapy, couple and family therapy, group therapy, and psychological assessment. To facilitate this training, the Clinical Center maintains required medical/clinical records; provides therapy rooms; provides recording equipment and other supervision supports such as one-way observation areas; maintains a resource library that houses and maintains psychological testing material, speech and language assessment materials, treatment manuals and supportive materials, intervention equipment such as language materials, toys and other therapy materials. We maintain a client lobby and receptionist. We ensure that professional standards required by the departmental accrediting bodies and laws, such as those regarding client confidentiality, are maintained and that professional standards are not transgressed. The Clinical Center maintains licensed professional coverage for mental health services during open hours as required by Medicare. This licensed professional is available to back up any student clinician in an emergency situation.

### 9.2 Mission

(give the mission of the center/institute)

The mission of the Clinical Center Training Program is the same mission that it was charged with in 1958 at its inception; that is, to provide training to graduate students to prepare them for their professional career, to serve the community, and to facilitate research.

### 9.3 Objectives

(list the current objectives for the center/institute)

- 1) To provide clinical training experiences that prepare students for licensure and/or internship placement.
- 2) Ensure that students are trained to use research based, best practice treatments and assessments.
- 3) Coordinate with academic programs to ensure that the clinic provides training experiences and opportunities that are congruent with national accreditation standards for a given discipline.
- 4) Provide community service in the course of fulfilling training mission.
- 5) Provide research opportunities for supervising faculty.



10. Advisory Board

10.1 Advisory Board - Membership

No functioning board at this time. We are in the process of building a board.

10.2 Number of Meetings (In This Year) \_\_\_\_\_

11. Annual Performance

11.1 Performance Measures \*

Measure	Target for Year	Results in Year
1. Client satisfaction surveys	N/A	
2. Applied for Jackson Co. Funding	\$20,000.00	\$20,000.00
3. Increase faculty related research activity	N/A	Three faculty members are collecting clinical data
4. Increase client base	N/A	Have established ourselves as a referral option with DCFS
5. Increase outreach and collaboration with community agencies	N/A	We have increased collaboration

\* 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)

(briefly summarize center/institute's major accomplishments for the year)  
We have successfully increased client numbers within our agency, increased revenue, secured \$20,000.00 in funding from Jackson Co., and increased collaboration with other community agencies.

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

(briefly provide any evidence of the center/institute's support for statewide, SIU system, or campus priorities in this year)  
The clinic's central mission is training. In service of fulfilling this mission, the Clinical Center provides service and support to our surrounding communities. We offer an array of clinical

services at a reduced rate. The clinic collaborates with a number of community agencies to address issues related to accessibility and availability and is active in many areas related to community engagement.

#### 11.4 Evidence of Support for Center/Institute Objectives

(briefly provide any evidence of the center/institute's support for the unit's objectives in this year – see 9.3 above)

- 1) We assign clients to student clinicians. Clinicians carry a caseload that is consistent with their program and national accrediting body requirements.
- 2) Students receive didactic training in their home departments and receive clinical supervision of the work with clients. Student clinicians provide clinical treatment that is consistent with didactic training and supervision.
- 3) The clinic director and the clinical support staff work with instructional and supervising faculty of the various programs that we serve. These meetings and collaborations ensure that the clinic provides a training setting that is consistent with program requirements.
- 4) We provide an array of clinical services to members of our surrounding communities.
- 5) Three faculty supervisors are currently collecting data in the Clinical Center. Two other faculty members are in the planning phase of a clinical research study.

#### 11.5 Evidence of Organizational Effectiveness

(briefly provide any evidence of the center/institute's organizational effectiveness in this year)

The mission of the clinic is training. While in the clinic, students accrue direct service hours and receive supervision and training in treatment and assessment. Near the completion of their programs, these students compete for internship placements across the country. In clinical psychology, this is a highly competitive process given that there are more students seeking APA accredited internship placements than there are available placement positions. Since 2013, all clinical psychology graduate students have successfully matched for internship placements, and in most cases, they matched with the first or second choices. A part of what makes these students so competitive are the skill and expertise that they acquire as part of their training in the Clinical Center.

In addition to student success, the clinic also surveys clients to assess satisfaction with services. Client ratings of their experiences in the clinic are consistently high average and above average in all domains queried (e.g. they feel that services addressed presenting concerns, therapists were professional and competent, they would return to the Clinical Center in the future).

The clinic has also increased outreach efforts to the community, established collaborations with integrated health care settings (SIU Family Medicine, Pediatric Group). Finally, faculty are conducting clinical research with clients looking at therapeutic change, resilience, and the impact of therapeutic intervention.

## 12. Institutional Assessment

12.1	Date of Last Review	2010	
<hr/>			
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	(briefly provide any explanation necessary of the institutional assessment or plans for pending program review)	
<hr/>			

**RESOURCES: (SIU Clinical Center)**

<b>Financial Resources</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Revenues					
State Appropriations	359,585.56	340,810.51	413,408.53	407,388.59	402,769.37
Income Fund	102,960.50	65,584.78	57,982.50	55,656.00	48,504.79
Grants & Contracts	20,000.00				
xxx					
xxx					
xxx					
<b>Total Revenues</b>					
Expenditures*					
Salaries	369,679	360,535	411,396	418,801	423,944
Equipment	6,721	4,791	2,136	180	16,476
Travel	1,527	1,685	1,397	100	450
Contractual	17,442	12,500	12,489	16,727	33,230
Commodities	16,069	10,850	15,337	10,092	5,617
Telecom	4,577	5,037	5,121	3,583	18,137
<b>Total Expenditures</b>	<b>416,015</b>	<b>395,398</b>	<b>447,876</b>	<b>449,483</b>	<b>497,854</b>
<b>Revenue Minus Expenditures</b>					

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

<b>Staffing (Full Time Equivalent)</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
GAs	3.5	3.5	3.5	5	6
Staff	6.5	6.75	6.75	6.75	7.5
<b>Total Staffing</b>	<b>10</b>	<b>10.25</b>	<b>10.25</b>	<b>11.75</b>	<b>13.5</b>

CENTERS AND INSTITUTES  
ANNUAL REPORTING

Report For: July 1, 2016 – June 30, 2017

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

1.	Reporting Institution	<u>Southern Illinois University Carbondale</u>
2.	Center/Institute	<u>WSIU Public Broadcasting</u>
3.	Date	<u>March 22, 2018</u>
4.	Director	<u>Greg Petrowich</u>
4.1	Telephone	<u>618-453-6181</u>
4.2	E-mail	<u>Greg.petrowich@wsiu.org</u>
5.	Year Established	<u>(Academic Year established as recognized by the SIU President-1958)</u>
6.	Illinois State Statute (if pertinent)	N/A
7.	Reporting Unit	<u>Office of the Chancellor</u>
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

Licensed to the Board of Trustees of Southern Illinois University, WSIU Public Broadcasting is an integral part of the College of Mass Communication & Media Arts on the Carbondale campus. Since 1958, WSIU has provided trusted programming and services that inspire personal growth, community engagement, and a love for learning in people of all ages.

The WSIU stations serve more than three million people across five states and beyond through three digital television channels, three radio stations, an HD radio channel, a website, local production units, and an education and community outreach department. Additional services include the Southern Illinois Radio Information Service (SIRIS), operated by WSIU Radio, which helps nearly 1,000 individuals who are blind or whose physical condition prevents them from reading stay connected to the world. WSIU also offers professional development in the broadcast industry to hundreds of students each year.

### 9.2 Mission

WSIU Public Broadcasting exists to improve the quality of life of the people we serve. Through programs, services and outreach, WSIU partners with other community organizations to promote positive change, and to support the academic and public service missions of Southern Illinois University Carbondale.

### 9.3 Objectives

Provides experiential learning opportunities for students at Southern Illinois University in a wide variety of areas including broadcast, journalism, digital media, community engagement, marketing, and promotions. WSIU provides free over-the-air educational broadcast service to the region with a specific focus on universal access, particularly in rural areas.

## 10. Advisory Board

### 10.1 Advisory Board - Membership

WSIU is served by a Friends Board with a primary objective of advocating on behalf of the stations. While the group may provide advice from time to time, we do not refer to them as an advisory board which has a specific definition under grant guidelines with the Corporation for Public Broadcasting.

10.2 Number of Meetings (In This Year) 6

## 11. Annual Performance

### 11.1 Performance Measures \*

Measure	Target for Year	Results in Year
1. Scholar Bowl HS Students in Studio for Hi-Q	128	128
2. Community Partnership Organizations	100	90
3. Family Day Attendance at Cedarhurst Mt. Vernon	500	600
4. WSIU mobile app downloads	1000	1444
5. Individual Outreach contacts	5000	7384

\* 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)

Launched the Illinois Education Collaborative to connect educators across the state with educational resources; staff and students; took home honors at the 2017 Illinois Broadcasters Association Convention; launched on-demand viewing with PBS Passport; continued commitment to digital platforms with more online content and enhancements to our WSIU Mobile App; Radio news team published 26 articles & spoke with a number of experts to provide context about the eclipse and its impact of the region; students provided video support for NASA Eclipse Megacast.

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

**Student Success:** Offered students hands-on training and service learning opportunities in all aspects of the media industry resulting in close to 8,000 hours of real-world training; worked with 50+ university and community volunteers who contributed nearly 360 hours of service. **Diversity and Inclusiveness:** Held documentary cinema screenings and facilitated discussions at the public library to promote awareness of community issues. **Community Relations:** Maintain a network of strategic community partners to promote education, outreach, and inclusiveness in our communities.

### 11.4 Evidence of Support for Center/Institute Objectives

WSIU worked with students from throughout the university, including the College of Mass Communication and Media arts to provide hands on, experiential learning through multiple broadcast productions. These included daily radio news casts, full-length audio programming and national distribution, digital and social media productions, full-length television productions including: River Region Evening Edition, Scholastic Hi-Q, alt.news 26:46, Lincoln Academy, Lawmakers, Expressions, Little Egypt Live, and more. Provided service to over 1400 subscribers to SIRIS (Southern Illinois Reading Information Service) for the blind and visually impaired. Maintained and operated two full-power television transmitters and three full-power radio transmitters servicing approximately 3-million people in five states with free over-the-air educational media including local news and information, a full schedule of children's television, and documentary content. Welcomed nearly 600 people to the annual Family Day at Cedarhurst Center for the Arts in Mt. Vernon; partnered with the Carbondale Public Library to host film screenings and discussions on social issues that impact our viewers and listeners; organized a media literacy outreach project with the Student Leadership Council at Carterville Junior High School; provided comprehensive election coverage; serve as a platform for local voices that reflect our region's unique personality; historical legacy, values and diversity of opinion through episodes of Expressions and the Little Egypt Live series; facilitated educational opportunities for children at local libraries; created investigative partnerships with local journalists

11.5 Evidence of Organizational Effectiveness

WSIU reaches three million people stretching across a five-state region on a variety of platforms including multiple digital television channels and radio stations, interactive web platforms, social media and mobile applications. WSIU operates with approximately half of the full-time staff it operated with 20 years ago (down from 50 to 25). WSIU generates more than \$1-million in outside grant funding and approximately \$1-million in local community support to compliment the \$800,000 in university operating cash support.

12. Institutional Assessment

12.1	Date of Last Review	<u>2013-2014</u>
12.2	Decision at Last Review	X Center/Institute in Good Standing Center/Institute Flagged for Priority Review Center/Institute Suspended
12.3	Explanation	(briefly provide any explanation necessary of the institutional assessment or plans for pending program review)



**RESOURCES: WSIU Public Broadcasting**

<b>Financial Resources</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Revenues					
State Appropriations	888,010	912,265	1,020,584	1,049,004	972,804
Operating Grant-CPB	1,177,136	1,146,917	1,165,528	1,154,023	1,058,087
Operating Grant-State of IL	0	0	204,803	216,300	189,745
Project Grants	20,149	71,652	74,485	39,712	74,554
Membership Income	478,761	603,906	488,807	454,044	476,980
Underwriting Income	501,616	460,543	434,960	535,507	524,995
Production Income	32,993	33,341	36,952	3,587	51,982
Tower Income	59,206	70,932	80,263	78,529	74,597
Federal Work Study	33,441	32,197	34,000	34,982	33,000
Direct University Support	511,571	427,237	504,040	496,475	626,689
Indirect/in-kind SIU Support	968,697	1,086,659	1,141,589	1,090,101	1,097,520
Other indirect support	43,162	52,044	48,546	55,269	55,513
Building & Equip SIU support	45,401	0	0	0	35,261
Investment Income	12,848	(11,549)	16,524	18,657	13,606
State Benefit Payments	1,615,649	1,362,695	1,157,647	834,225	820,320
Misc. Income	4,368	5,988	1,696	57,743	44,835
USDA & PBS Equip Grants				177,843	815,352
<b>Total Revenues</b>	<b>6,393,008</b>	<b>6,254,827</b>	<b>6,410,424</b>	<b>6,296,001</b>	<b>6,965,840</b>
Expenditures*					
Programming & Production	3,288,246	3,221,443	3,442,673	3,486,080	3,367,663
Broadcasting & Engineering	1,138,840	1,120,595	1,036,661	1,041,621	1,079,886
Program Info & Promotion	362,766	377,666	421,005	337,583	385,711
Fundraising & Membership	350,559	372,959	375,010	373,391	466,891
Underwriting & Grant	258,359	257,230	246,054	271,477	149,531
Management & General	1,048,571	975,673	928,271	783,774	889,879
<b>Total Expenditures</b>	<b>6,447,341</b>	<b>6,325,566</b>	<b>6,449,674</b>	<b>6,293,926</b>	<b>6,339,591</b>
Revenue Minus Expenditures	(54,333)	( 70,739)	(39,250)	2,075	626,279

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

<b>Staffing (Full Time Equivalent)</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Faculty-Full Time	1.5	1.5	1.5	1.5	1.53
Staff-Full Time	26	26	30	30	30
Student employees-FTE	13.96	12.65	10.32	14	15
<b>Total Staffing-FTE</b>	<b>41.46</b>	<b>40.15</b>	<b>41.82</b>	<b>45.50</b>	<b>46.53</b>
Student employees number/yr	76	97	96	112	113



CENTERS AND INSTITUTES  
ANNUAL REPORTING

Report For: July 1, 2016 – June 30, 2017

(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	December 18, 2017						
4.	Director	Sharon Locke						
4.1	Telephone	618-650-3452						
4.2	E-mail	slocke@siue.edu						
5.	Year Established	2012 (received temporary approval from IBHE)						
6.	Illinois State Statute (if pertinent)	N/A						
7.	Reporting Unit	Graduate Studies and Research						
8.	Type	<p style="text-align: center;">Activity (check all that apply)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; padding: 2px;">Instructional</td> <td style="border: 1px solid black; text-align: center; width: 40%; 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 STEM Center provides centralized leadership and support for STEM education activities. Programs span from formal and informal education to public outreach. 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.

### 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 Nawacha, 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 of 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 grant proposals	Submit 10	15 submitted
2.	Submit articles for publication	Submit 3	3 submitted
3.	Present findings at conferences	Present 3	Completed
4.	Continue STEM reading group for SIUE faculty and staff	15 meetings	13 completed
5.	Issue RFP for Faculty Fellow in undergraduate education	1 awarded	2 awarded
6.	Promote lending library	Faculty: 150 visits Public: 400 visits Student: 500 visits	Faculty: No (92) Public: No (364) Students: Yes
7.	Hold annual open house	1 event	Held Nov 9, 2016
8.	Expand professional development offerings	Present 2 new programs impacting 30 teachers	Presented 3 new programs impacting 44 teachers
9.	Develop formal community partnerships	3 contracts or MOUs in place totaling \$20,000	Completed
10.	Coordinate outreach activities	Impact 700 K-12 and members of the public and 100 faculty and students as volunteers	Completed
11.	Attend STEM organization meetings	2 regional and national meetings as allowed by funding	Completed
12.	Internal advisory board meeting	1 meeting	Completed
13.	External advisory board meeting	1 meeting	Completed
14.	Staff member to teach Science 241 course	1 section	Completed

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\* 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 partnership with the Illinois Natural History Survey, the STEM Center was awarded a National Science Foundation Research Experience for Undergraduates (REU) Site, funding 10 undergraduate students per year to participate in interdisciplinary research investigating evidence of the Anthropocene in the Upper Mississippi River System.

The STEM Center hosted 23 public education and outreach events and 4 teacher trainings, including sessions in Fairfield and Springfield, IL.

STEM Center activities were featured in 20 SIUE press releases and received mentions in an additional 5 SIUE stories.

Research Assistant Professor Carol Colaninno was appointed committee member of the Society for American Archaeology Public Education Committee.

The STEM Center served as the external evaluator for the St. Louis based Youth Learning Center's Two-Degrees Program, a career and workforce skills development program.

The Digital East St. Louis project was highlighted in the blog of the National STEM Learning and Research Center (STELAR).

The Center hosted 13 sessions of Journal Club at the STEM Resource Center for SIUE faculty and staff. Topics for FY17 included assessing student outcomes other than cognitive/knowledge, implementing the Next Generation Science Standards, online learning, flipped classrooms, and STEM and the Humanities.

The STEM Center prepared a comprehensive self-study report as part of its formal program review (final approval and review decision is pending for FY18).

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

### *(1) Support for SIUE Campus Priorities*

- a) 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.
- b) 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.

- c) **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 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.
- d) **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 developed an on-line community for citizen science for NASA mission data analysis.
- e) **Physical and Financial Stability:** The center has a high return on investment from grant funding relative to state support of center staff. Grants provide indirect cost recovery for SIUE and the center. 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.

*(2) Support for IBHE State Goals*

- a) **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.
- b) **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.
- c) **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.
- d) **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 receive positive reviews.

11.4 Evidence of Support for Center/Institute Objectives

See Section 9.3 above for list of STEM Center objectives.

Objective 1: A primary objective is to facilitate interdisciplinary grant applications. We use our experience to strengthen grant applications and pursue a range of research project types and topics. In FY17 we partnered with 13 other SIUE departments/units, as well as 4 external organizations for submission of \$3.5 million in proposals.

NSF Research Experience for Undergraduates (REU)	Anthropology, U of I & IL Natural History Survey (AWARDED)	\$287,690
NSF Improving Undergraduate STEM Education (IUSE)	Applied Health, Mechanical & Industrial Engineering	\$299,991
NSF Improving Undergraduate STEM Education (IUSE)	Biological Sciences	\$299,936
NSF Advancing Informal STEM Learning (AISL)	East St Louis Center & PryCor Technologies	\$683,542
NSF	Chemistry	\$120,000
HHMI - preproposal	Office of the Provost, Enrollment Management, & College of Arts and Sciences	
NSF Cyber Corps Scholarships for Service	Computer Science	\$495,126
NSF INCLUDES - preproposal	East St Louis Center, Computer Science, Mass Communications	
NSF PFE: Research Initiation in Engineering Formation	Civil Engineering	\$75,000
NSF Scholarships in STEM (S-STEM)	Biological Sciences, Teaching & Learning	\$994,825
NSF INCLUDES – invited full proposal	East St Louis Center, Computer Science, Mass Communications	\$300,000

Center proposals with no internal collaborating units in FY17:

NSF National Research Traineeships (Washington University of St. Louis)	\$65,883
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**RESOURCES: Center for Alzheimer's Disease and Related Disorders**

<b>Financial Resources</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Revenues					
State Appropriations	\$0	\$0	\$0	\$0	\$0
Income Fund	0	0	0	0	0
Grants and Contracts	622,470	247,615	241,521	211,322	220,020
State Support via Hospital Contracts <sup>1</sup>	0	0	122,073	1,464,870	1,469,298
Transfers from SOM <sup>2</sup>	61,055	331,356	1,177,255	88,008	184,123
Other Revenues	25,424	37,531	32,910	39,311	69,964
<b>Total Revenues</b>	<b>\$708,949</b>	<b>\$616,502</b>	<b>\$1,573,759</b>	<b>\$1,803,511</b>	<b>\$1,943,405</b>
Expenditures <sup>*</sup>					
Salaries	\$222,029	\$297,124	\$1,104,046	\$1,106,582	\$1,181,908
Fringe Benefits	36,325	14,090	8,854	19,583	1,513
Equipment	5,933	0	24,095	28,248	34,142
Commodities	6,325	27,178	46,973	59,145	30,705
Contractual Services <sup>3</sup>	158,599	154,717	270,579	313,831	382,891
Other Expenses	62,544	23,128	119,212	276,122	312,246
<b>Total Expenditures</b>	<b>491,755</b>	<b>\$516,237</b>	<b>\$1,573,759</b>	<b>\$1,803,511</b>	<b>\$1,943,405</b>
Revenue Minus Expenditures	\$217,194	\$100,265	\$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 reduced that funding for FY2014 and effectively eliminated it in subsequent years.
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.

<b>Staffing (Full Time Equivalent)<sup>1</sup></b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Faculty	1.00	1.00	3.64	4.63	4.05
Staff	6.56	6.56	17.52	18.68	19.67
<b>Total Staffing</b>	<b>7.56</b>	<b>7.56</b>	<b>21.16</b>	<b>23.31</b>	<b>23.72</b>

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, 2016 – June 30, 2017

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

1.	Reporting Institution	Southern Illinois University School of Medicine
2.	Center/Institute	SIU Center for Rural Health and Social Service Development
3.	Date	December 1, 2017
4.	Director	Kim Sanders
4.1	Telephone	618-453-5545
4.2	E-mail	ksanders@siumed.edu
5.	Year Established	Academic Year 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 FY2017 are:

- Jean Alstat, Director of Crisis and Community Services, Centerstone of Illinois, Carbondale
- Fred Bernstein, Executive Director, Community Health and Emergency Services, Inc., Cairo
- Jennifer Brobst, Assistant Professor, SIU School of Law
- Brian Chapman, PhD, Special Projects Director, SIU Office of the President
- Randy Dauby, CEO/Administrator, Pinckneyville Community Hospital, Pinckneyville
- Cindy Flamm, CEO, Rural Health, Inc., Anna
- Carl Flowers, PhD, Director, SIUC Rehabilitation Institute
- 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
- 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	\$1,380,830
2. Grant Applications – Number/Funding Sought	3 projects/ \$250,000	5 projects/ \$2 million
2. Publications and Presentations	3	4
3. Continuing Education Programs	5	20
4. Community Collaborations	75	188
5. University Collaborations	10	20

\* 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 FY2017, 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.

The southern Illinois region's Trauma-Informed System of Care Learning Collaborative, a joint program of the Children's Medical and Mental Health Research Network and the CRHSSD, successfully trained 69 regional therapists in Trauma-Focused Cognitive Behavior Therapy (TF-CBT) in this year. This program was honored with two GOLD level awards from the U.S. Substance Abuse and Mental Health Services Administration (SAMHSA). In August 2016, Dr. Gary Blau, Chief of the Child, Adolescent, and Family Branch of SAMHSA, announced the two Excellence in Community Communications and Outreach (ECCO) awards. The awards recognized the learning collaborative as the best system of care initiative in the nation in the categories of Partnership Development and Outreach to Professionals.

SIU's Rural Health center also provided continuing educational activities in 20 training sessions offering 110 continuing education units for regional licensed social workers and licensed professional counselors. Working with southern Illinois's RIDES Mass Transit District, the CRHSSD was awarded funding from the Rides to Wellness program of the Federal Transit Administration to initiate outreach and transportation coordination services for patients seeking drug abuse services and other mental health services in eight southeastern Illinois counties.

As lead agency for the Coordinated Approach To Child Health (CATCH) program in the southern sixteen Illinois Delta counties, the CRHSSD was awarded a three-year, \$2.16 million grant to expand this program, which currently addresses childhood obesity. The additional funding incorporates the Centers for Disease Control's *Whole School, Whole Community, Whole Child Model (WSCC)* approach for coordinated school health programming 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) supporting a Geriatric Workforce Enhancement Program (GWEP). This project completed three geriatric-focused interprofessional education events for more than 84 students/learners (including Physician Assistant students, resident physicians, medical students, and social work students) using a geriatric-focused, problem-based learning case format. In addition to CRHSSD, the interdisciplinary SIU Team includes SIU School of Medicine's Family and Community Medicine as well as its Physician Assistant Program, SIU School of Social Work, SIU Department of Psychology, and a community partner, Shawnee Alliance for Seniors.

As a member of the Illinois Governor's Rural Affairs Council's Emergency Medical Services (EMS) Subcommittee, the CRHSSD led the development of the 2017 EMS Summit. The CRHSSD served as registration and fiscal officer for the event which attracted more than 130 EMS professionals from throughout the state. Also in this program year, CRHSSD facilitated the Southern Illinois Behavioral Health Consortium - Region 5 Behavioral Health Network in partnership with the Community Behavioral Health Association (CBHA) and others agencies. This consortium conducted two regional "Call for Community Solutions" meetings regarding prescription drug/opioid and heroin abuse in the southernmost 33 counties. The meetings assist local coalitions to develop and implement action plans addressing this issue in their respective counties.

At least four grant submissions incorporating content from the consortium's meetings were completed by various local organizations on behalf of the region, all with CRHSSD assistance. All grants were funded and one was successfully led by the CRHSSD for a Southern Illinois Interprofessional Opioid Conference. This conference attracted professionals from multiple health and social services organizations. Attendance was 185 participants, all of whom received appropriate professional CEUs. Complementary to this work, the Illinois Department of Human Services' Prescription Monitoring Program (PMP) received funding from the Centers for Disease Control and Prevention's Prescription Drug Overdose Prevention for States grant; the PMP 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 these southern counties to promote PMP utilization by providers and identify barriers to use.

The CRHSSD and its community affiliates partnered with SIU School of Social Work to obtain a workforce education grant from the Health Resources and Services Administration to train graduate-level social service students regarding trauma-based behavioral health. This three year effort graduated 75 fellows trained to provide trauma-based clinical interventions to at-risk children, adolescents, and transitional youth. A new four-year proposal submitted this year will expand this program to include Rehabilitation graduate students in addition to those in Social Work.

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 FY2017, the CRHSSD received \$1,380,830 in external grants and contracts, \$726,273 of which was reallocated to the surrounding community through various collaborations with health and social service organizations. The CRHSSD submitted five external proposals totaling over \$2 million for consideration by funding agencies; awards are pending. CRHSSD staff served on 13 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 on their various projects.

### 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 FY2017, 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 over 150 active community partnerships in the past year and received over \$1.3 million in extramural funding, filtering over \$700,000 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 assigned project responsibilities of substance that provide hands-on research and/or service experience while benefiting the communities in which the projects are implemented.

11.5 Evidence of Organizational Effectiveness

The Center for Rural Health and Social Service Development is effective as an organization. The center’s mission and activities support the priorities of the State of Illinois, Southern Illinois University, and SIU School of Medicine as well as meet the expectations of its community partners and funding agencies. The CRHSSD has extensive partnerships and collaborations with health and social service agencies in the southern Illinois region. It has been successful in attracting external grant funding. The center’s most recent program review in 2012 found that the CRHSSD was active and respected in the region, that it had formed effective collaborations with regional groups, and that it was emerging as a strong voice for rural, southern Illinois. The Center for Rural Health and Social Service Development is well situated for future success.

12. Institutional Assessment

12.1	Date of Last Review	<u>2011-2012</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	<u>N/A</u>



**RESOURCES: Center for Rural Health and Social Service Development**

<b>Financial Resources</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
<b>Revenues</b>					
State Appropriations	\$153,576	\$153,576	\$153,576	\$152,742	\$152,742
External Grants	1,261,162	559,282	719,514	1,373,942	989,192
Contractual/Income	7,668	20,793	5,643	66,125	115,200
Rural Health Initiative <sup>1</sup>	112,000	120,000	100,000	60,856	43,752
Indirect/Overhead Return	25,794	14,604	20,144	16,239	26,159
<b>Total Revenues</b>	<b>\$1,560,200</b>	<b>\$868,255</b>	<b>\$998,877</b>	<b>\$1,669,904</b>	<b>\$1,327,045</b>
<b>Expenditures</b>					
Salaries	\$422,938	\$394,576	\$447,468	\$422,367	\$399,632
Fringe Benefits	118,294	56,372	76,683	73,280	69,096
Travel	19,442	7,210	20,420	22,239	16,115
Equipment	0	4,351	0	2,016	0
Commodities	20,905	5,737	58,820	46,756	25,283
Community/University Program Grants <sup>2</sup>	481,864	289,405	290,000	869,925	446,645
Contractual - Other	71,395	47,771	23,697	38,545	79,740
Indirect to University	121,857	59,405	65,912	58,878	126,253
<b>Total Expenditures</b>	<b>\$1,256,695</b>	<b>\$864,827</b>	<b>\$983,000</b>	<b>\$1,534,006</b>	<b>\$1,162,764</b>
<b>Revenue Minus Expenditures</b>	<b>\$303,505</b>	<b>\$3,428</b>	<b>\$15,877</b>	<b>\$135,898</b>	<b>\$164,281</b>

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.

<b>Staffing (Full Time Equivalent)<sup>1</sup></b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Faculty	0.00	0.00	0.00	0.00	0.00
Staff	8.00	7.00	7.00	7.00	9.00
Extra Help	0.00	1.00	2.00	2.00	3.00
Graduate Assistants	3.00	4.00	5.00	5.00	7.00
Student Workers	0.00	0.00	0.00	0.00	0.00
<b>Total Staffing</b>	<b>11.00</b>	<b>12.00</b>	<b>14.00</b>	<b>14.00</b>	<b>19.00</b>

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, 2016 – June 30, 2017

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

1.	Reporting Institution	Southern Illinois University School of Medicine
2.	Center/Institute	SIU Neuroscience Institute
3.	Date	December 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	Academic Year 2015
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	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 Medicine) 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 the Division of Neurosurgery while collaborating 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 coordinates and centralizes adult neurology, neurosurgery, psychiatry, and related ancillary services. The institute develops disease-specific multidisciplinary clinics to improve diagnostic services and treatment as well as improve the patient's experience. Other outcome metrics under development include patient-oriented outcomes (i.e., functional status) and decreased hospital readmission rates through improved care coordination.
- **Patient Objectives:** The institute enhances the patient's experience through coordination of patient and support services, and develops shared patient scheduling and registration processes to ease access.

- Quality Objectives: Quality objectives include patient satisfaction metrics; improved physician and staff recruitment, retention, and satisfaction; improved operating efficiencies; and financial sustainability through coordination among institute departments.

The SIU Neuroscience Institute is designed to produce significant clinical, patient, operational and financial benefits. The NSI is the only regional and academically-based neuroscience institute in central or southern Illinois.

## 10. Advisory Board

### 10.1 Advisory Board - Membership

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

NSI Steering Committee members in FY2017 include:

- James Gilchrist, MD, Professor and Chair, Neurology, SIU School of Medicine (Executive Director)
- Jeffrey Cozzens, MD, Professor and Division Chair, Neurosurgery, SIU School of Medicine
- Kari Wolf, MD, Associate Professor and 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 Medicine
- 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
- Greg Jensen, LCSW, Administrative Director, NSI/SIU School of Medicine
- Les Jebson, Assistant to the Chair of Surgery, SIU School of Medicine

10.2 Number of Meetings (In This Year)      10 - SIU Internal Committee; 6 - Full Steering Committee

## 11. Annual Performance

### 11.1 Performance Measures \*

Measure <sup>1</sup>	Target for Year	Results for Year
1. Patient Encounters – Number <sup>2</sup>	25,000	24,634
2. Total Patients Served – Unduplicated Count	12,500	12,182
3. New Patients Served – Unduplicated Count	2,400	2,268

\* Center/institute-defined measures and targets. Data only include patient services and exclude clinical trial data, publications and public service contributions.  
Data source: SIU Healthcare Business Reporting Portal.

1. The SIU Neuroscience Institute was approved by the Illinois Board of Higher Education on April 7, 2015.
2. Patient Encounters-Number is lower in FY2017 when compared to previous years because of differences in reporting.

### 11.2 Major Accomplishments (In This Year)

The SIU Neuroscience Institute continued to mature during FY2017 by improving regional stroke care, expanding clinical outreach, redesigning the institute's internal operational and financial framework, renovating facilities to enable multidisciplinary clinics and improved patient experience, creating provider and clinic utilization dashboards, and successfully recruiting faculty to the NSI. These efforts have advanced the SIU Neuroscience Institute. Department specific and overall NSI accomplishments include:

#### Neurology:

- Contracted with Southern Illinois Healthcare, based in Carbondale, to read their electroencephalographic (EEG) tests
- Provided physician and other clinical leadership to assist Memorial Medical Center/ Springfield in achieving re-certification by the Joint Commission as a Comprehensive Stroke Center in October 2017. This center is one of only two designated comprehensive stroke centers in Illinois outside of Chicago
- Recruited two Neurologists in partnership with Decatur Memorial Hospital (DMH) to expand neuro-critical care, neuro-hospitalist, and general neurology and stroke services at Decatur Memorial Hospital, SIU and MMC
- Recruited two full time neurology faculty at SIU: Dr. Ali Choucair, as Director of Neuro-oncology and Professor (July 2016) and Dr. Samantha Dial, Neuromuscular and Electromyography (EMG) specialist and Assistant Professor (August 2016)
- Started participating in neuro-interventional endovascular service and call schedule at MMC
- Began discussions with Illinois area hospitals including Sparta Hospital (Sparta), Memorial Hospital (Carbondale), Advocate Bromenn (Bloomington), Memorial Hospital (Decatur), and Passavant Hospital (Jacksonville) about on-site and tele-neurology clinical services

#### Psychiatry:

- Recruited new Chair of Psychiatry, Dr. Kari Wolf (August 2016)
- Began geriatric psychiatry inpatient, outpatient, and intensive outpatient services at Decatur Memorial Hospital (August 2016)
- Recruited psychiatry faculty, Dr. Mehul Trivedi, into Division of Psychology as Assistant Professor, in neuro-psychology (July 2017)
- Initiated behavioral health (BH) strategy work with Memorial Health System and HSHS St. Mary's Hospital to develop regional BH services plan
- Identified new space at Centrum Building/Springfield for Psychiatry and Child Psychiatry outpatient, educational, and administrative offices
- Identified three new faculty recruits to begin summer 2018 and another faculty recruit to begin summer 2019
- Began work with MMC to start a Ketamine infusion program

- Worked closely with Internal Medicine to bring alignment between Psychiatry and Medicine-Psychiatry Division

Neurosurgery:

- Integrated the Neurosurgery division's financial and operational infrastructure into the NSI
- Continued building Neurosurgery's residency program by recruiting another resident in FY2017
- Recruited a new full time Neurosurgery faculty member at SIU: Dr. Nassir Mansour who will be starting in early 2018. Dr. Mansour will bring experience in the open treatment of ruptured cerebral aneurysms
- Provided physician and other clinical leadership to assist Memorial Medical Center/ Springfield in achieving re-certification by the Joint Commission as a Comprehensive Stroke Center in October 2017. This center is one of only two designated comprehensive stroke centers in Illinois outside of Chicago
- Developed combined clinic hours for Movement Disorders, Spine disorders, and Epilepsy

NSI:

- Recruited Administrative Director, Greg Jensen, LCSW (February 2017)
- Planned and began construction for combined NSI clinical facilities at 751 N. Rutledge to incorporate Neurology clinics (now at Carol Jo Vecchie and 751 Moy buildings) and the Neurosurgery clinic into a single NSI clinical space to enable development of disease-specific multidisciplinary clinics
- Began NSI financial structure redesign to incorporate Neurology's and Neurosurgery's operational and financial metrics, revenue cycle, and expenses
- Held NSI New Faculty Welcome open house (November 2016)
- Surveyed Neurology, Neurosurgery and Psychiatry clinicians to begin identifying and prioritizing disease-specific multidisciplinary clinics
- Established Clinic Utilization metrics to monitor and improve patient access

### 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 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* document. 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 Medicine.

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 FY2017, efforts continued in the areas of consolidating finance and accounting operations for the Departments of Neurology and Psychiatry, and the Division of Neurosurgery with administrative, finance and support staff providing services to all three departments/divisions, and implementing best practices employed by the departments to better improve the efficiencies of the operations of the NSI. Patient quality, risk and safety was also advanced by the formation of the Neurology/Psychiatry PSES (Patient Safety Evaluation System) Committee which reviews and discusses all patient safety and quality-related incidents as documented within the Patient Incident Reporting System (SENSOR).

In an effort to improve clinical efficiencies, enhance the patient experience, and achieve cost savings through the attrition of redundancies in clinical support staff, previous plans were finalized and construction begun on consolidating the two current Neurology outpatient clinics in Springfield at Carol Jo Vecchie (CJV) and 751 Moy Building into one site within the Moy Building. To enable greater NSI clinical and operational integration, the scope was expanded to include the current Neurosurgery outpatient clinic located at the 340 Miller Medical Building as well as providing "hotel" space for other services such as neuropsychology, interventional neuroradiology, psychiatry, and pediatric neurology.



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)
12.2	Decision at Last Review	N/A
		Center/Institute in Good Standing
		Center/Institute Flagged for Priority Review
		Center/Institute Suspended
12.3	Explanation	N/A

**RESOURCES: SIU Neuroscience Institute**

<b>Financial Resources</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015<sup>1</sup></b>	<b>FY2014</b>	<b>FY2013</b>
Revenues				Note 1	
State Appropriations	\$0	\$0	\$0		
Income Fund	0	0	0		
Grants & Contracts	0	0	0		
Patient Care Revenues	6,156,008	6,465,387	1,606,655		
Non-Patient Care Revenues <sup>2</sup>	833,601	721,894	264,273		
Ancillary Revenue <sup>2</sup>	484,453	436,988	101,915		
Accumulated Balance <sup>3</sup>	395,620	227,138	0		
<b>Total Revenues</b>	<b>\$7,869,682</b>	<b>\$7,851,407</b>	<b>\$1,972,843</b>		
Expenditures <sup>4</sup>				Note 1	
Department Overhead	\$1,219,579	\$1,218,574	\$278,983		
Space Costs	1,022,811	946,305	274,465		
Malpractice Insurance	615,455	604,616	186,071		
Other Direct Expenses	135,541	122,920	24,937		
Academic Support Expenses	853,583	904,495	233,743		
Provider Compensation	2,643,180	2,592,356	504,621		
SIU MED Overhead	1,008,793	1,048,736	217,062		
Ancillary Expenses	370,740	413,405	101,688		
<b>Total Expenditures</b>	<b>\$7,869,682</b>	<b>\$7,851,407</b>	<b>\$1,821,570</b>		
<b>Revenue Minus Expenditures</b>	<b>\$0</b>	<b>\$0</b>	<b>\$151,273</b>	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, rehabilitation, 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 FY2017, 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 Neuroscience Institute. A slowdown in Medicaid reimbursement was also a factor in the deficit.
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 Medicine Overhead expenditures include costs of support services provided by SIU Medicine including support for information technology, credentialing and managed care, patient business services, and quality, risk and safety programs.

<b>Staffing (Full Time Equivalent)<sup>2,3</sup></b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015<sup>1</sup></b>	<b>FY2014</b>	<b>FY2013</b>
Faculty	26.00	30.30	30.40	Note 1	
Staff	65.00	79.60	97.50		
<b>Total Staffing</b>	<b>91.00</b>	<b>109.90</b>	<b>127.90</b>	<b>Note 1</b>	

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 FY2016.



CENTERS AND INSTITUTES  
ANNUAL REPORTING

Report For: July 1, 2016 – June 30, 2017

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

1.	Reporting Institution	Southern Illinois University School of Medicine
2.	Center/Institute	Simmons Cancer Institute at SIU
3.	Date	December 1, 2017
4.	Director	Aziz Khan, M.D.
4.1	Telephone	217-545-7969
4.2	E-mail	akhan@siumed.edu
5.	Year Established	Academic Year 2000
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	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. FY2017 members were:

- Aziz Khan, MD, Executive Director, Simmons Cancer Institute
- Jerry Kruse, MD/MSPH, Dean and Provost, SIU School of Medicine; and CEO SIU Medicine
- John Flack, MD, Professor and Chair, Internal Medicine, 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 FY2017, the members were:

- Amanda Hutton, Health Administrator, Simmons Cancer Institute
- Meghan Iannello, Business/Administrative Associate, Simmons Cancer Institute
- Aziz Khan, MD, Executive Director, Simmons Cancer Institute
- Lisa Price, Director of Administrative Services, Simmons Cancer Institute
- Kathy Robinson, Director of Clinical Research, Simmons Cancer Institute
- Cindy Davidsmeyer, Director of Community Patient Services, Simmons Cancer Institute

10.2 Number of Meetings (In This Year)

SCI Executive Committee – twelve (12) meetings in FY2017 (meetings are held monthly)

SCI Management Committee – twenty-four (24) meetings in FY2017 (meetings are held twice a month)

## 11. Annual Performance

### 11.1 Performance Measures \*

Measure	Target for Year	Results in Year
1. Total Patients Served by SCI – Total Patients Seen	22,037	21,396
2. Total New Patients Served by SCI – Total New Patients Seen	2,719	2,640
3. Clinical Trial Studies – Open Studies	175	165
4. Cancer-Related Research – Active Projects	50	50
5. Articles/Presentations/Other Scholarly Work – Number	50	46
6. Patient/Community Education Programs – Attendees	2,205	2,414
7. Outreach Programs/Screenings – Attendees	2,397	2,515

\* 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 FY2017, major accomplishments of the Simmons Cancer Institute included the following:</p> <ul style="list-style-type: none"> <li>• Recruitment of the Director of Administrative Services for Simmons Cancer Institute, Lisa Price.</li> <li>• SCI Physician Referral Guide was developed and sent to primary care physicians in the central and southern Illinois region.</li> <li>• The Infusion Unit treated a total of 7,489 patients, an increase of 400 patient visits.</li> <li>• Achieved departmental and practice plan administrative approval of clinical expense allocation model. Departments of Internal Medicine, Obstetrics/Gynecology, Psychiatry, and Surgery allocate funds to be managed by SCI administration for the efficient operations of clinics held at SCI. Includes management of all personnel as well as commodity and contractual services which directly impact clinical operations at SCI.</li> <li>• Completed an audit of the Infusion Unit. This audit included fee schedule review, coding and denial workflow review, vendor costing and rebate review.</li> <li>• Began employee enrichment programs focusing on leadership and customer service training.</li> <li>• Extension of an investigator-initiated trial to a secondary site outside of SIU.</li> </ul> <p>These accomplishments were in addition to ongoing patient care, research, educational, and outreach efforts performed by SCI in FY2017.</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 FY2017, 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.
- SCI awarded five (5) Summer Internships to local college students to work with research mentors.
- One (1) Team Science Grant Awarded.
- Partnered with the SIU Office of Population Science and Policy to further oncology-based population research.
- 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 Washington University and Illinois communities to study rural health disparities for oncology patients.

### 11.5 Evidence of Organizational Effectiveness

The Simmons Cancer Institute is effective as an organization. As noted in the university's most 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 SCI 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 SCI 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	<u>2010-2011</u>	
12.2	Decision at Last Review	<u> X </u>	Center/Institute in Good Standing Center/Institute Flagged for Priority Review Center/Institute Suspended
12.3	Explanation	<u>N/A</u>	

**RESOURCES: Simmons Cancer Institute at SIU**

<b>Financial Resources</b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Revenues					
State Appropriations <sup>1</sup>	\$2,110,528	\$668,771	\$2,393,798	\$2,504,430	\$2,540,497
Income Fund	0	0	0	0	0
Grants & Contracts <sup>2</sup>	13,822	39,384	44,887	16,342	1,446,234
Grants & Contracts– Other <sup>3</sup>	247,977	123,488	170,044	275,647	256,301
Accumulated Balance <sup>4</sup>	0	35,155	38,499	153,702	0
Transfers from SOM <sup>5</sup>	0	1,445,105	0	0	0
<b>Total Revenues</b>	<b>\$2,372,327</b>	<b>\$2,311,903</b>	<b>\$2,647,228</b>	<b>\$2,950,121</b>	<b>\$4,243,032</b>
Expenditures					
Salaries	\$1,651,033	1,696,941	\$2,096,557	\$2,220,555	\$2,420,981
Travel	2,773	6,708	17,734	9,586	27,836
Equipment	15,881	26,557	64,520	91,220	61,282
Commodities	76,098	94,404	93,581	59,114	104,429
Contractual Services <sup>6</sup>	365,055	400,246	328,661	524,510	742,746
Telecommunications	32,643	37,430	31,309	29,889	32,792
Other <sup>7</sup>	20,670	49,617	14,866	15,247	43,608
<b>Total Expenditures</b>	<b>\$2,164,153</b>	<b>\$2,311,903</b>	<b>\$2,647,228</b>	<b>\$2,950,121</b>	<b>\$3,433,674</b>
Revenue Minus Expenditures	\$208,174	\$0	\$0	\$0	\$809,358

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.

<b>Staffing (Full Time Equivalent)<sup>1</sup></b>	<b>FY2017</b>	<b>FY2016</b>	<b>FY2015</b>	<b>FY2014</b>	<b>FY2013</b>
Faculty	8.09	9.12	12.78	9.36	8.20
Staff	11.53	12.11	13.90	15.25	16.32
<b>Total Staffing</b>	<b>19.62</b>	<b>21.23</b>	<b>26.68</b>	<b>24.61</b>	<b>24.52</b>

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