

Florida State University

Centers and Institutes Review 2015

September 2016

Executive Summary

The purpose of this review is to assess the activities of 11 Centers and Institutes at FSU. Four of them are housed in the College of Arts and Sciences, in the Earth, Ocean & Atmospheric Science Department, four are housed within the College of Communication and Information, two are located in the Office of Research and one is in the College of Nursing. There were two others scheduled for review—one is a sub-unit of a larger Center included in this review and one has been terminated.

This review contains the following Centers and Institutes:

- Center for Ocean-Atmospheric Prediction Studies (COAPS)
- Center for Advanced Power Systems
- Future Fuels Institute
- Geophysical Fluid Dynamics Institute (GFDI)
- Karst Environmental Center (KEC)
- Antarctic Marine Geology Research Facility
- FSU Project Management Center
- Tallahassee Memorial Healthcare (TMH) Center for Research and Evidence Based Practice
- Institute for Intercultural Communication and Research
- Center for Hispanic Marketing Communication
- Communication and Early Childhood Research and Practice Center (CEC-RAP)

These Centers and Institutes focus on a wide variety of issues and topics. Three of them are involved with the natural sciences—oceanography, geosciences and all three are involved with water-related issues. These are typically large Centers that produce significant numbers of publications along with large numbers of conference presentations. Two of the Centers and Institutes are involved in issues related to power—one focuses on electricity; the other on renewable fuels. All of them are interdisciplinary. One of them stores samples taken from the Antarctic, making them available to researchers along with technical and laboratory support if needed.

Several of the entities coordinate and manage certificate programs. Four certificates are offered through the Centers and Institutes included in this year's report. Two of them focus on bringing research into practice—one in nursing, the other in early intervention programs for special needs children, especially those with autism. One of the Institutes is focused on providing global experiences to students; the other is focused on developing effective strategies for marketing to the Hispanic population. All of the Centers and Institutes provide opportunities for students.

Six of the Centers and Institutes operate with federal dollars as their primary support. Two of these six also have small amounts of E&G. One ROI on E&G funding is 1:42. The other is 1:50. The other Center is funded entirely with E&G. Two of them rely on private/nonprofit funds. Contracts and grants make up the remainder of the funding categories in this year's review.

All are recommended to retain active status.

As stated before, one is a sub-unit of a larger Center (COAPS) so was not reviewed separately and one has been terminated (Institute for Energy Systems, Economics & Sustainability (IESSES)).

The Institutes and Centers reviewed in this report include:

Center for Ocean-Atmospheric Prediction Studies (COAPS)

Director: Eric P. Chassignet

The mission of COAPS is to be a center of excellence which promotes interdisciplinary research in air-sea interaction, the coupled ocean-atmosphere-land-ice earth system, and climate prediction on scales of weeks to decades in order to increase our understanding of the physical, social, and economic consequences of coupled ocean-atmospheric variations. The primary objectives are; producing peer-reviewed scientific research, graduating well-qualified students in meteorology, oceanography, and the computer fields and providing high-quality data products and services to the public, private, and research communities.

Center for Advanced Power Systems (CAPS)

Director: Roger D. McGinnis

The CAPS mission is to develop a multidisciplinary program for graduate and under-graduate education in advanced power system engineering; to develop research programs strongly focused on simulation and modeling of advanced power systems supported by test facilities, materials research and superconductivity technology; to develop strong partnerships between government, industry, and the academic research community; and to advance the state-of-the-art electric power technology through identifying and developing “dual-use” opportunities.

Future Fuels Institute (FFI)

Director: Ryan P. Rodgers

The Future Fuels Institute (FFI) has been established by the Florida State University as an institute to pursue collaborative activities in fundamental science, enabling technologies, and applications of the knowledge in the areas of fuels sciences and technology and to promote education, outreach and training. The mission of the Institute is to conduct fundamental and advanced scientific research and to develop and promote technology for efficient production and use of renewable fuels such as biofuels and green fuels, and fuels derived from difficult hydrocarbon resources, such as heavy oils and synthetic crudes. As a part of FSU, the Institute will provide education and training to graduate students, post-doctoral fellows, visiting scientists/engineers and company professionals in fuel science and technology.

Geophysical Fluid Dynamics Institute (GFDI)

Director: Kevin Speer

The mission of the Institute is to promote and stimulate theoretical, numerical, field and laboratory experimental studies of fluid-dynamic phenomena in the atmosphere, rivers and lakes, ground water, oceans, fluids on other planets, and the fluid portions of the Earth's interior, and to apply this knowledge to problems in the geosciences, including environmental problems. It facilitates the career development of its Associates; enhances the educational experience of students studying in geophysical fluid dynamics and related disciplines principally at the graduate level; and seeks to strengthen the related academic departments and improve the stature of the University as a whole.

Karst Environmental Center (KEC)

Director: Xiaolong (Bill) Hu

To organize scientists from the Florida State University, federal and state agencies and environmental consulting companies to conduct basic and applied research on water related environmental problems in karst areas and to apply for federal and state competitive grants. The research results will provide the scientific basis for policies and regulations made to protect Florida's environment. The establishment of the KEC within FSU will improve FSU research and support the University's mission of seeking to "provide service to the public in accord with its State-wide mission." A more specific objective of the center is to provide a platform for faculty members in the affiliated disciplines to cooperate with each other and with non-FSU scientists and resource managers in the pursuit and conduct of multi-disciplinary research in environmental sciences and management. The center will also provide educational, training and employment opportunities for FSU students in these fields.

Antarctic Marine Geology Research Facility (AMGRF)

Director: Sherwood W. Wise

The Antarctic Marine Geology Research Facility (AMGRF) is the U.S. national repository for marine geological materials collected in the southern polar regions on and around Antarctica. The primary function of the Facility is to provide technical, logistical, equipment, and laboratory support to the U.S. National Science Foundation's United States Antarctic Program (USAP) Principal Investigators, both in the field and at Florida State University. In addition, Facility space and equipment are utilized for workshops and short courses and for the training of graduate and undergraduate earth-science students; this is accompanied by an extensive education and outreach program that extends well beyond the University.

FSU Project Management Center

Director: John DuBard

The mission of the FSU Project Management Center is to promote the study and practice of project management as a discipline. The Center focuses on research, scholarship, and professional development activities that are of immediate interest and value to practicing and/or future project managers.

Tallahassee Memorial Healthcare (TMH) Center for Research and Evidence Based Practice

Director: Ellen Cormier

The mission of the TMH Center for Research and Evidence Based Practice is to collaborate with the TMH nursing staff in their efforts to improve nursing practice; to promote interdisciplinary collaborative research efforts to institute best practices in health care based on evidence; and enhance undergraduate, masters and doctoral level student learning with regards to evidence-based practice and nursing research.

Institute for Intercultural Communication and Research (IICR)

Directors: Steve McDowell
Cindy Green

The Institute for Intercultural Communication and Research (IICR) is a collaborative effort between the Center for Global Engagement, The School of Communication and between Student Affairs and Academic Affairs at the Florida State University. The IICR coordinates services and educational/training activities that enhance existing and emerging efforts to expand campus wide internationalization efforts. The IICR will also coordinate research and assessment projects, in collaboration with faculty and staff, to measure the success of various programs in developing intercultural competencies in students in efforts to develop a more interculturally competent campus.

Center for Hispanic Marketing Communication

Director: Sindy Chapa

The vision of the Center is to create a global center of excellence in the education of professionals in the field of Hispanic Marketing Communication. The Center's specific mission is to generate knowledge to advance the understanding of theories and practices in marketing communication that can enrich the way we connect with Hispanic communities in the world.

Communication and Early Childhood Research and Practice Center (CEC-RAP)

Director: Juliann Woods

An expanding body of research supports the importance of early intervention/education for young children with special needs and their families. The Communication and Early Childhood Research and Practice Center is designed to promote interdisciplinary contributions to the field of early intervention/education for young children with disabilities, communication disorders, and/or multiple risks. CEC-RAP focuses on the continued expansion of research, personnel preparation, and service delivery through collaboration with interrelated projects.

Questions for Centers and Institutes (C/I) Review

Mission and C/I activities

1. Please provide contact information, both for management and for budget information.

Name of Center or Institute: **Center for Ocean-Atmospheric Prediction Studies (COAPS)**

Address: **2000 Levy Avenue, Research Building A, Suite 292, Tallahassee, FL 32306-2471**

Phone: **850-644-4581**

Director: **Eric P. Chassignet**

Director e-mail address: echassignet@fsu.edu Phone: **850-644-3846**

Budget and funding contact: **Susan Greenwalt or Patty Boutelle**

Contact e-mail address: sgreenwalt@fsu.edu or mboutelle@fsu.edu

Phone: **850-644-3846 or 850-644-6227**

Web Link: www.coaps.fsu.edu

If multidisciplinary, please list departments associated with C/I: **Earth, Ocean and Atmospheric Sciences, Scientific Computing, and Computer Science.**

2. What is the Center's or Institute's mission statement?

The mission of COAPS is to be a center of excellence which promotes interdisciplinary research in air-sea interaction, the coupled ocean-atmosphere-land-ice earth system, and climate prediction on scales of weeks to decades in order to increase our understanding of the physical, social, and economic consequences of coupled ocean-atmospheric variations. The primary objectives are; producing peer-reviewed scientific research, graduating well-qualified students in meteorology, oceanography, and the computer fields and providing high-quality data products and services to the public, private, and research communities.

3. Briefly, what activities are consistently performed that move the C/I toward meeting its established mission? This section should also include activities related to meeting the State Board of Governor's mission. The State Board of Governors mission includes the following:

1. Strengthen Quality & Reputation of Academic Programs and Universities
2. Increase Degree Productivity and Program Efficiency

3. Increase the Number of Degrees Awarded in STEM and Other Areas of Strategic Emphasis
4. Strengthen Quality and Reputation of Scholarship, Research and Innovation
5. Increase Research and Commercialization Activity
6. Increase Collaboration and External Support for Research Activity
7. Strengthen Quality and Recognition of Commitment to Community and Business Engagement
8. Increase Levels of Community and Business Engagement
9. Increase Community and Business Workforce

Activities:

- a. Internationally recognized research in the areas of oceanography, marine meteorology, remote sensing, air-sea interaction, coastal climate, modeling, seasonal prediction, climate variability and climate change.
- b. Training of approximately 15 to 20 graduate students per year.
- c. High quality data product distribution.
- d. Public outreach.

4. Overall Status

- What is the Center or Institute best known for?
Interdisciplinary research in a) air-sea interaction, b) the coupled oceanatmosphere-land-ice earth system and c) climate prediction on scales from weeks to decades.
- What is the greatest strength of the Center or Institute?
Diverse scientific faculty that continually strives and adapts according to advances in their respective fields.
- What are the most significant challenges facing the Center or Institute? Keeping a critical mass of scientists supported on external funds given the funding climate and the inability to provide compensation at the national level.

Funding –

Please provide the source and amount of expenditures from 2009-2010 to 2014-2015, using the following categories. Please round to the nearest dollar.

Expenditures	2010-2011	2013-2014	2014-2015
University (E&G)	\$833,267	\$201,231	\$205,560
State (General Revenue Other than E&G)	\$0	\$0	\$0

State (C&G or other funds)	\$1,875,301	\$1,047,511	\$1,073,322
Federal (C&G)	\$4,959,355	\$10,511,086	\$7,498,861
Local (C&G)	\$0	\$0	\$0
Private / nonprofit organization	\$36,008	\$110,666	\$66,552
Endowment proceeds	\$0	\$0	\$0
Proceeds from patents or royalties	\$0	\$0	\$0
Sales from services or products	\$1,190	\$1,963	\$0
Others (specify)	\$0	\$0	\$0
Total expenditures	\$7,705,121	\$11,872,457	\$8,844,294

Endowment Information

Is the C/I supported in whole or in part by proceeds from an endowment? **No**

If so:

- What is the amount of the endowment? **N/A**
- Where is the endowment managed? **N/A**
- Does the C/I spend only interest earnings? **N/A**
- Does the C/I spend part of the capital of the endowment? **N/A**

Contract and Grant Information

	2010-2011	2013-2014	2014-2015
Number of proposals submitted	38	29	40
Number of proposals funded	20	15	17
Proposals Made Jointly with Individuals not Directly associated with the Center / Institute	1	1	3
Total dollar amount of awards	\$7,804,557	\$2,118,752	\$5,591,996

- Are any of the contracts or grants multi-year? **Yes**
- How many years does the Center or Institute have left on any current contract or grant? **Three**

- Have any contracts or grants been renewed during this reporting period?
If yes, how many? **Fourteen**

Other Center or Institute Activities

- Have any patents or royalties been generated? If so, please describe. **No**
- Has the Center or Institute applied for a patent that has not yet been granted? If so, please describe. **N/A**

Comments or additional information: _____

Employment --

University Positions associated with your C/I

	2010-2011	2013-2014	2014-2015
Number of Faculty (FTE)	23.15	31.47	34.11
Number of A&P and USPS positions (FTE)	5.0	4.24	3.38
Total Positions	28.15	35.71	37.49

Student Employment (include graduate and undergraduate)

	2010-2011	2013-2014	2014-2015
Number of research assistants employed (FTE)	15	21	17
Number of teaching assistants employed (FTE)	0	0	0

Number of interns (with stipend or OPS)	0	0	0
Number of interns (without pay)	0	0	0
Total student positions	15	21	17

Other Student Financial Benefits (include graduate and undergraduate)

	2010-2011	2010-2011	2013-2014	2013-2014	2014-2015	2014-2015
	Number	\$ Amount	Number	\$ Amount	Number	\$ Amount
Out of state tuition waivers	0	\$0	0	\$0	0	\$0
Student fellowships	0	\$0	0	\$0	0	\$0
Scholarships	0	\$0	0	\$0	0	\$0
Post-doctoral support	3	\$135,414	4	\$214,807	2.2	\$131,451
Amount of student travel support	36	\$23,795	71	\$52,192	36	\$33,199
Amount of registration for student conference attendance	13	\$2,620	27	\$3,745	6	\$1,273
Student Health Insurance (C&G)		\$490		\$0		\$24,976
Amount of student publication and abstract fees	7	\$5,662	12	\$6,321	10	\$4,831

In-State tuition support (C&G)		\$159,421		\$203,885		\$247,785
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Comments or additional information: _____

Research and Extension --

Note: Web-delivered and CD Rom publications are to be counted in these totals.

Publications (in Refereed Journals, Peer-Reviewed Books or Peer-Reviewed Chapters)

Do not include those credited to the faculty member's primary academic department that are unrelated to the C/I mission.

	2010-2011	2013-2014	2014-2015
Number of faculty publications	92	82	40
Number of student publications	12	6	2
Number of publications authored jointly with other faculty at FSU	53	47	22
Number of publications authored jointly with students in the C/I	9	10	6
Number of publications authored jointly with faculty at locations other than FSU	8	6	4

Please have a list of relevant publications available if requested.

Other Publications and Conference Papers

	2010-2011	2013-2014	2014-2015
Number of extension or outreach publications	N/A	87	65
Number of <u>national</u> conference papers submitted	16	13	9
Number of <u>national</u> conference papers accepted	16	13	9
Date, Conference and Name of presentation(s)	Available upon request		
Number of <u>regional</u> conference papers submitted	5	5	6
Number of <u>regional</u> conference papers accepted	5	5	6
Date, Conference and Name of presentation(s)	Available upon request		

Annual Report

Does the Center or Institute produce an annual report? No. If so, please have copies available or provide the web link.

Student Publications

	2010-2011	2013-2014	2014-2015
Number of student theses credited to or associated with the C/I	11	3	1
Number of dissertations	3	2	1
Number of any other student papers	0	0	0

Professional Development and Assistance

Consulting – (Climate Center)

	2010-2011	2013-2014	2014-2015
Number of consulting contracts	1	3	1
Name of consulting recipient(s)	Convoy, Simberg, Ganon, Krevans et al PA	Various Clients	Barr, Murman, and Tonelli
Consulting Subject or Topic	Weather Data	Weather Data	Weather Data

Amount of funding provided through general funds of the C/I	0	0	0
Amount of funding obtained through contract in addition to general C/I funds	\$400	\$500	\$500

Technical Assistance

	2010-2011	2013-2014	2014-2015
Number of technical assistance sessions or seminars offered	0	0	0
Name of technical assistance recipient(s)	0	0	0
Technical Assistance Subject or Topic	0	0	0
Amount of Funding	0	0	0

Conferences or Symposia

- How many conferences or symposia has the Center or Institute sponsored or hosted during this reporting period. Please list.

2010-2011	September 2010, FCI Steering Committee Meeting February 2011, Regional Climate Center Technical Advisory Meeting
2013-2014	September 2013, Deep-C “All Hands” Meeting November 2013, NOPP Kick-off Meeting March 2014, Deep-C Proposal Writing Workshop March 2014, GCOOS Board Meeting
2014-2015	February 2015, 11th meeting of the Tri-State Climate Working Group for RowCrop Farmers September 2014, Deep-C Student Symposium

Comments or additional information:

Management

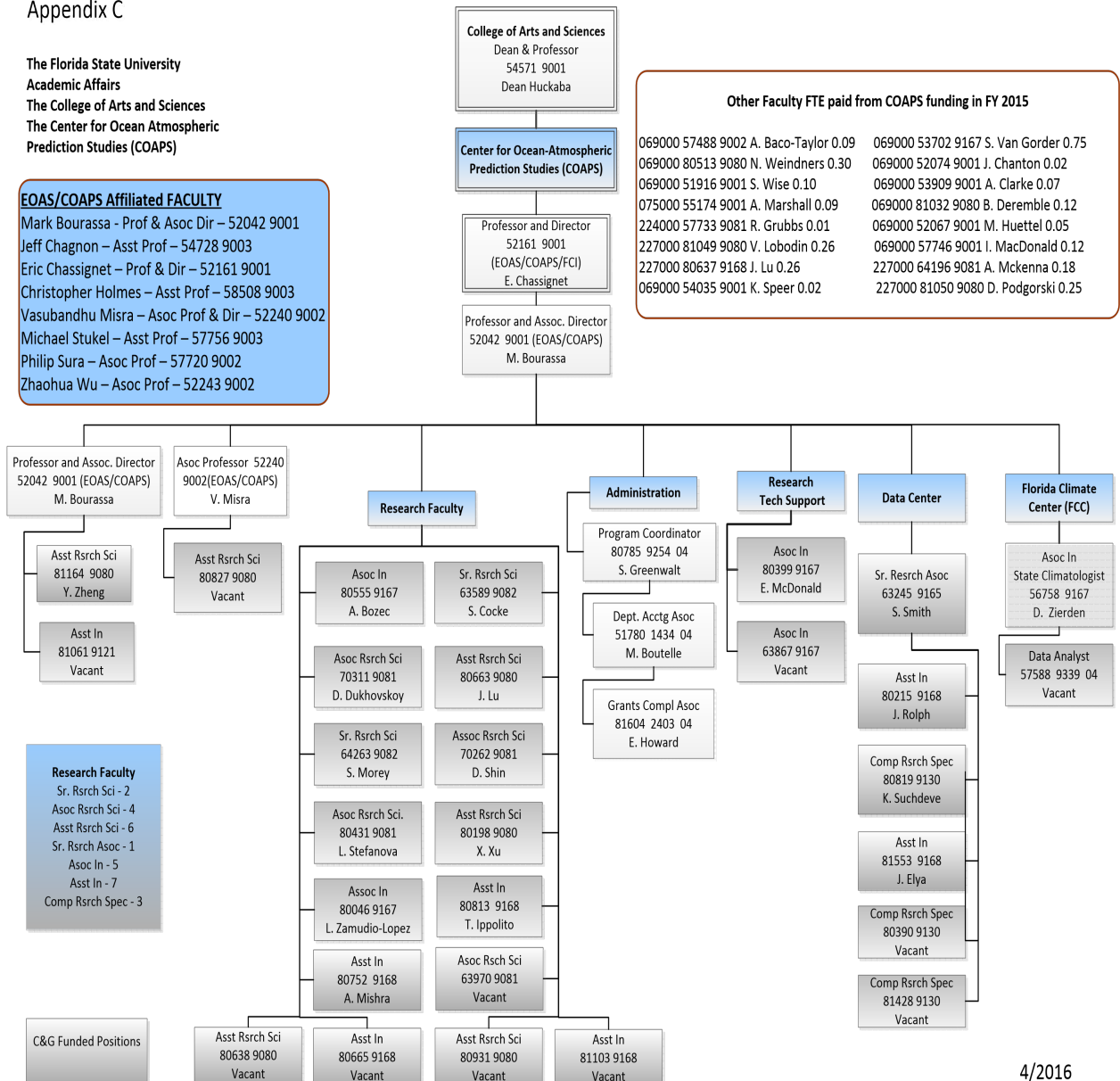
- Please provide an organizational chart.

Appendix C

The Florida State University
Academic Affairs
The College of Arts and Sciences
The Center for Ocean Atmospheric
Prediction Studies (COAPS)

EOAS/COAPS Affiliated FACULTY

Mark Bourassa - Prof & Asoc Dir – 52042 9001
Jeff Chagnon – Asst Prof – 54728 9003
Eric Chassignet – Prof & Dir – 52161 9001
Christopher Holmes – Asst Prof – 58508 9003
Vasubandhu Misra – Asoc Prof & Dir – 52240 9002
Michael Stukel – Asst Prof – 57756 9003
Philip Sura – Asoc Prof – 57720 9002
Zhaohua Wu – Asoc Prof – 52243 9002



4/2016

- Is the Center or Institute legislatively created? **No**

- Does the Center or Institute have an advisory board? How often are meetings held? Does the board manage the C/I or does it serve in an advisory capacity? Please describe and include a list of current members.

The COAPS Management Committee which consists of the senior scientists, administration, and systems administrators serves in an advisory capacity and meets monthly.

The current members of the COAPS Management Committee are:

Last Name	First Name	Title
Bourassa	Mark	Professor and Assoc. Director
Bozec	Alexandra	Associate in Research
Chagnon	Jeff	Assistant Professor
Chassignet	Eric	Director/Professor
Cocke	Steve	Senior Research Scientist
Dukhovskoy	Dmitry	Associate Research Scientist
Elya	Jocelyn	Assistant in Research
Greenwalt	Susan	Program Coordinator
Holmes	Chris	Assistant Professor
Ippolito	Tracy	Assistant in Research
Lu	Jianhua	Assistant Research Scientist
McDonald	Edward	Associate in Research
Misra	Vasu	Associate Professor & Director (FCI)
Mishra	Akhilesh	Assistant in Research
Morey	Steve	Senior Research Scientist
O'Brien	James	Professor Emeritus
Rolph	Jeremy	Assistant in Research
Shin	Dong-Wook	Associate Research Scientist
Smith	Shawn	Senior Research Associate
Stefanova	Lydia	Associate in Research
Stukel	Mike	Assistant Professor
Suchdeve	Kris	Computer Research Specialist
Sura	Philip	Associate Professor
Wu	Zhaohua	Associate Professor
Xu	Xiaobiao	Assistant Research Scientist
Zheng	Yanxing	Assistant Research Scientist
Zierden	David	Associate in Research

- How long has the director served?

Dr. Eric Chassignet has served as the director of COAPS since March 2006.

- How does the directorship change hands?

The Director serves at the discretion of the Dean.

- Are there any issues associated with management transition?

No.

- If there are multiple sites, how are they administered? Who has final oversight?

N/A

Comments or additional information: _____

Additional Issues

Issues facing the Center or Institute

1. IT support is provided by C&G funding. IT needs are high and C&G has been providing basic services that should be covered under E&G.
2. Some of the Center's accounting support is funded by an agreement between the Center, the VP's office and the Dean's office on a semi-annual basis. Providing a more stable funding source for this position is needed.
3. Postdoc funding
4. Faculty position endowment

Overall Evaluation

- ✓ The Center for Ocean-Atmospheric Prediction Studies (COAPS) is a very active Center and is meeting its mission. It supports research in the areas of oceanography, marine meteorology, remote sensing, air-sea interaction, coastal climate, modeline, seasonal prediction, climate variability and climate change. It trains 15-20 graduate students per year and provides public outreach.
- ✓ The ROI for University E&G is 1:42.03.
- ✓ The Center should continue. It provides a valuable service within the oceanography, marine meteorology and climate change fields. It is internationally recognized and employs 34 faculty, 3 staff and 17 research assistants. In one year, it produced 66 publications, some in collaboration with FSU faculty and

some with faculty at other institutions. In that same year, 65 outreach publications were developed. The Center also provides support to students and post-docs.

- ✓ COAPS is funded primarily through federal funds, followed by a significant amount of state funds, then E&G and finally, a small amount of private funding. Its international reputation and status will likely continue to ensure continued funding. The Center reports that additional funds would be used to create a stable source of funding for their support needs such as IT and post-docs.
- ✓ No change in classification is recommended.
- ✓ Retain active status.

Questions for Centers and Institutes (C/I) Review

Mission and C/I activities

1. Please provide contact information, both for management and for budget information.

Name of Center or Institute: Center for Advanced Power Systems

Address: 2000 Levy Avenue, Tallahassee, FL 32310

Phone: 850.645.2157

Director: Roger D. McGinnis, Sr., PhD

Director e-mail address: mcginnis@caps.fsu.edu

Phone: 850.645.1534

Budget and funding contact: Laney McLean

Contact e-mail address: laney@caps.fsu.edu

Phone: 850.645.2157

Web Link: <http://caps.fsu.edu/>

If multidisciplinary, please list departments associated with C/I:

FAMU/FSU College of Engineering (Electrical and Computer Engineering, Mechanical Engineering)

2. What is the Center's or Institute's mission statement?

The CAPS mission is to:

- Develop a multidisciplinary program for graduate and under-graduate education in advanced power system engineering.
- Develop research programs strongly focused on simulation and modeling of advanced power systems supported by test facilities, materials research and superconductivity technology.
- Develop strong partnerships between government, industry, and the academic research community.
- Advance the state-of-the-art electric power technology through identifying and developing "dual-use" opportunities.

3. Briefly, what activities are consistently performed that move the C/I toward meeting its established mission? This section should also include activities related to meeting the State Board of Governor's mission. The State Board of Governors mission includes the following:

- a. Funding graduate and undergraduate students to learn while assisting research on power system engineering.

- b. Continually pursuing funding opportunities that support our research in simulation and modeling, and which enhances our test facilities.
- c. By developing and enhancing our partnerships with ONR, DOE, State government, multi-university consortiums we are accomplishing our mission.
- d. We are able to leverage our research on basic research for electric ship development to inform our approach to terrestrial micro-grids.

4. Overall Status

- What is the Center or Institute best known for? Advanced power system modeling and simulation.
- What is the greatest strength of the Center or Institute?
Our research and test facilities, and expert staff.
- What are the most significant challenges facing the Center or Institute?
Lack of non-federally sponsored funding.

Funding –

Please provide the source and amount of expenditures from 2009-2010 to 2014-2015, using the following categories. Please round to the nearest dollar.

Expenditures	2010-2011	2013-2014	2014-2015
University (E&G)	129,243	140,528	158,852
State (General Revenue Other than E&G)	0	0	0
State (C&G or other funds)	132,890	0	0
Federal (C&G)	15,368,122	11,218,954	6,801,416
Local (C&G)	0	0	0
Private / nonprofit orgs. (FSU Research Found. C&G)	624,173	295,556	241,228
Endowment proceeds	0	0	0
Proceeds from patents or royalties	0	0	0
Sales from services or products	0	661,671	552,588
FSU Foundation	0	0	0
Private / nonprofit org (fund 540)	6,109	0	0
Total expenditures	16,260,539	12,316,730	7,754,084

Endowment Information

Is the C/I supported in whole or in part by proceeds from an endowment? **NO**

If so:

- What is the amount of the endowment?
- Where is the endowment managed?
- Does the C/I spend only interest earnings?
- Does the C/I spend part of the capital of the endowment?

Contract and Grant Information

	2010-2011	2013-2014	2014-2015
Number of proposals submitted	40	25	30
Number of proposals funded	18	17	22
Proposals Made Jointly with Individuals not Directly associated with the Center / Institute	0	0	0
Total dollar amount of awards	\$4,917,708	\$3,082,942	\$3,227,219

- Are any of the contracts or grants multi-year? **Yes**
- How many years does the Center or Institute have left on any current contract or grant? **2.5 +**
- Have any contracts or grants been renewed during this reporting period?
Multi-year awards continued through the period.

Other Center or Institute Activities

- Have any patents or royalties been generated? **Yes, 24.** If so, please describe.
Please see below.
- Has the Center or Institute applied for a patent that has not yet been granted? If so, please describe. Please see below

FY2011

Provisional Patent Apps:

10□090

Photobioreactor system

Provisional Patent App. No. 61/392,053

11□131

SYSTEM AND METHOD FOR SINGLE□PHASE, SINGLE□STAGE GRID□INTERACTIVE INVERTER

Provisional Patent App. No. 61/495,458

Non□Provisional Pending Patent Apps:

10□090

ENHANCED PHOTOBIOREACTOR SYSTEM

US Patent App No. 14/736,623

Issued Patents:

11□131

A single□phase sting□stage grid□interactive inverter with wide range reactive power compensation based on the novel dual□stage Phase Locked Loop (PLL) method

US Patent No. 9,124,136

2

04□127

METHOD OF CONTROLLING EFFECTIVE IMPEDANCE IN A SUPERCONDUCTING CABLE

US Patent No. 7,895,730

05□147

MULTIPLE SQUID MAGNETOMETER

US Patent No. 7,863,892

05□135

ADAPTIVE POWER ELECTRONICS INTERFACE FOR HYBRID ENERGY SYSTEMS

US Patent No. 7,830,687

07□138

SYSTEM AND METHODS FOR DETERMINING MASKING SIGNALS FOR APPLYING EMPIRICAL MODE DECOMPOSITION (EMD) AND FOR DEMODULATING INTRINSIC MODE FUNCTIONS OBTAINED FROM APPLICATION OF EMD

US Patent No. 7,908,103

FY2014

Provisional:

13□253

SYSTEM AND METHOD FOR ASSESSING THE REMAINING USEFUL LIFE OF AN INSULATION SYSTEM

US Provisional Patent App. No. 61/902,538

14□154

REAL□TIME SMALL□SIGNAL STABILITY ASSESSMENT OF POWER ELECTRONIC□BASED COMPONENTS IN CONTEMPORARY POWER SYSTEMS

US Provisional Patent App. No. 61/989,234

NP:

13□045

HIGH□FREQUENCY□LINK POWER□CONVERSION SYSTEM HAVING DIRECT
DOUBLE□FREQUENCY RIPPLE CURRENT
CONTROL AND METHOD OF USE

US Patent App. No. 14/018,988

13□026

ALKALINE MEMBRANE FUEL CELL

US Patent No. 14/033,915

13□040

CRYOGENIC HEAT SINK FOR GAS COOLED SUPERCONDUCTING POWER DEVICES

US Patent App. No. 14/041,573

13□147

VOLTAGE PROFILE BASED FAULT IDENTIFICATION

US Patent App. No. 14/166,467

13□040

TERMINATION FOR GAS COOLED CYROGENIC POWER CABLES

US Patent App. No. 14/262,335

Issued:

12□088

3

DENDRITIC COOLING LAYER GENERATOR AND METHOD OF FABRICATION

US Patent No. 8,650,521

13□045

HIGH□FREQUENCY□LINK POWER□CONVERSION SYSTEM HAVING DIRECT
DOUBLE□FREQUENCY RIPPLE CURRENT
CONTROL AND METHOD OF USE

US Patent No. 8,711,585

FY2015

Provisional:

14□117

ULTRAFast ELECTROMECHANICAL DISCONNECT SWITCH

US Provisional App No. 62/033,454

15□221

FAMILY OF ISOLATED BATTERY ENERGY STORAGE SYSTEM (BESS) WITH
MULTIPLE FUNCTIONS FOR DC GRID
APPLICATION

US Provisional App No. 62/170,016

NP:

13□253

SYSTEM AND METHOD FOR ASSESSING THE REMAINING USEFUL LIFE OF AN
INSULATION SYSTEM

US Patent App. No. 14/539,580

14□117

ULTRAFast ELECTROMECHANICAL DISCONNECT SWITCH

PCT App: PCT/US2015/12583

14□154

REAL-TIME SMALL-SIGNAL STABILITY ASSESSMENT OF POWER ELECTRONIC-BASED COMPONENTS IN
CONTEMPORARY POWER SYSTEMS

US Patent App. No. 14/702,063

Issued:

13-040

CRYOGENIC HEAT SINK FOR GAS COOLED SUPERCONDUCTING POWER DEVICES

US Patent No. 8,809,679

13-040

TERMINATION FOR GAS COOLED CRYOGENIC POWER CABLES

US Patent No. 9,000,295

Comments or additional information: _____

Employment --

University Positions associated with your C/I

NOTE: This is an average over the year for each of the categories.

	2010-2011	2013-2014	2014-2015
Number of Faculty (FTE)	19	24	19
Number of A&P and USPS positions (FTE)	11	9	5
Total Positions	30	33	24

Student Employment (include graduate and undergraduate)

NOTE: This is an average over the year for each of the categories.

	2010-2011	2013-2014	2014-2015
Number of research assistants employed (FTE)	15	38	28
Number of teaching	N/A	N/A	N/A

assistants employed (FTE)			
Number of interns (with stipend or OPS)	N/A	N/A	N/A
Number of interns (without pay)	N/A	N/A	N/A
Total student positions	15	38	28

Other Student Financial Benefits (include graduate and undergraduate)

	2010-2011	2010-2011	2013-2014	2013-2014	2014-2015	2014-2015
	Number	\$ Amount	Number	\$ Amount	Number	\$ Amount
Out of state tuition waivers	N/A	N/A	N/A	N/A	N/A	N/A
Student fellowships	4	\$4,680	4	\$4,680	4	\$4,680
Scholarships	N/A	N/A	N/A	N/A	N/A	N/A
Post-doctoral support	13	\$455,723.37	4	\$58,582.38	8	\$297,447.54
Amount of student travel support	0	0	0	0	0	0
Amount of registration for student conference attendance	0	0	0	0	0	0
Other support: undergraduate employment	27	\$80,859	13	\$37,305	12	\$26,339

Comments or additional information: Fellowships are undergraduate CAPS Fellows. Out of state tuition waivers are provided and tracked by the FAMU-FSU College of Engineering.

Research and Extension --

Note: Web-delivered and CD Rom publications are to be counted in these totals.

Publications (in Refereed Journals, Peer-Reviewed Books or Peer-Reviewed Chapters)

Do not include those credited to the faculty member's primary academic department that are unrelated to the C/I mission.

	2010-2011	2013-2014	2014-2015
Number of faculty publications	39	62	69
Number of student publications	0	0	0
Number of publications authored jointly with other faculty at FSU	0	0	0
Number of publications authored jointly with students in the C/I	0	0	0
Number of publications authored jointly with faculty at locations other than FSU	0	0	0

Publications available upon request.

Other Publications and Conference Papers

	2010-2011	2013-2014	2014-2015
Number of extension or outreach publications	0	0	0
Number of <u>national</u> conference papers submitted	0	0	0
Number of <u>national</u> conference papers accepted	95	86	97
Date, Conference and Name of presentation(s)	0	0	0
Number of <u>regional</u> conference papers submitted	0	0	0
Number of <u>regional</u> conference papers accepted	0	0	0
Date, Conference and Name of presentation(s)	0	0	0

NOTE: Number of “national” publications and conference papers total includes all categories in this table.

Annual Report

Does the Center or Institute produce an annual report? If so, please have copies available or provide the web link.

CAPS has not produced an annual report since 2012. Hard copies of 2010, 2011, and 2012 reports are available upon request.

Student Publications

	2010-2011	2013-2014	2014-2015
Number of student theses credited to or associated with the C/I	0	0	0
Number of dissertations	0	0	0
Number of any other student papers	0	0	0

Professional Development and Assistance**Consulting**

	2010-2011	2013-2014	2014-2015
Number of consulting contracts	0	0	0
Name of consulting recipient(s)	0	0	0
Consulting Subject or Topic	0	0	0
Amount of funding provided through general funds of the C/I	0	0	0
Amount of funding obtained through contract in addition to general C/I funds	0	0	0

Technical Assistance

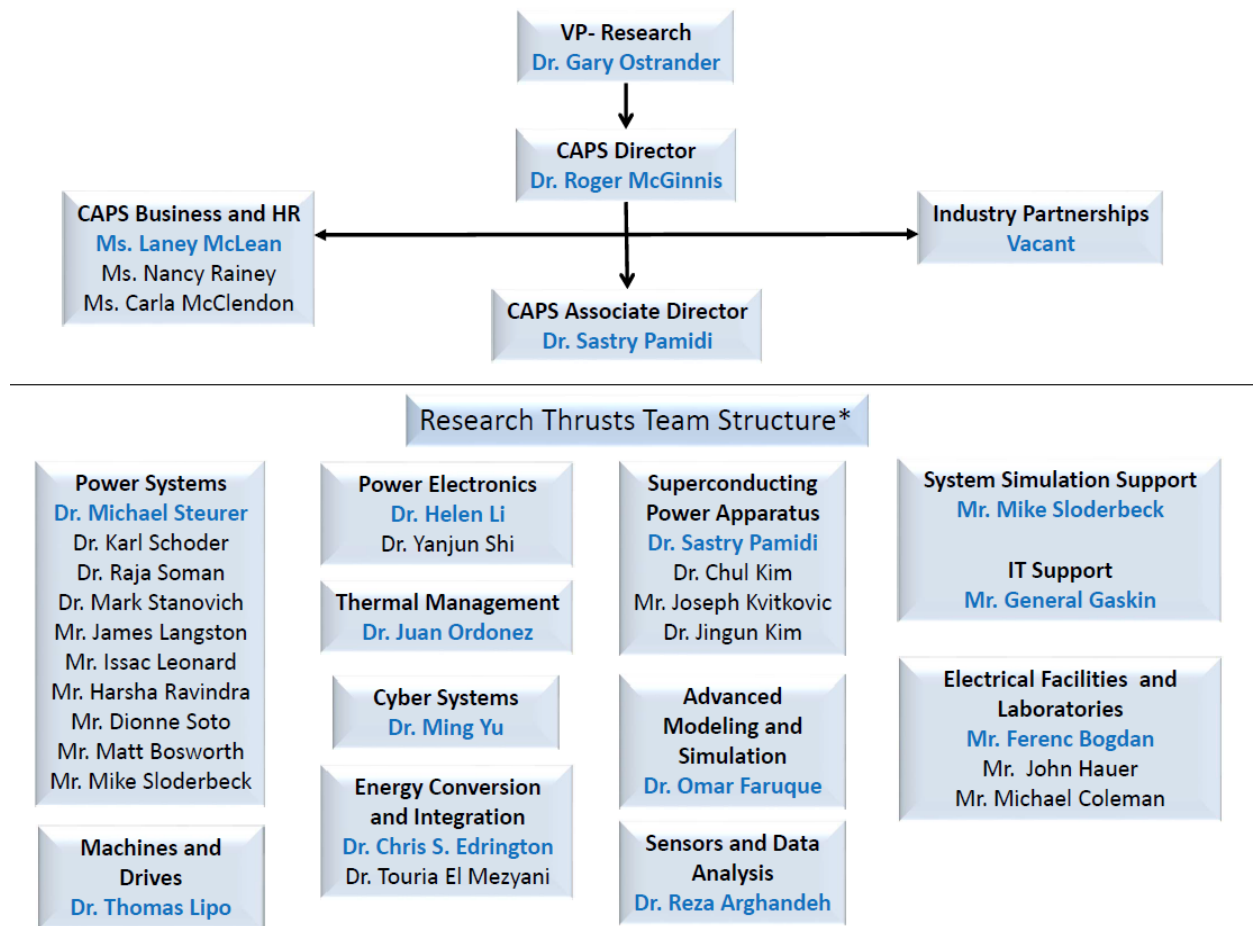
	2010-2011	2013-2014	2014-2015
Number of technical assistance sessions or seminars offered	0	0	0
Name of technical assistance recipient(s)	0	0	0
Technical Assistance Subject or Topic	0	0	0
Amount of Funding	0	0	0

Conferences or Symposia

- How many conferences or symposia has the Center or Institute sponsored or hosted during this reporting period. Please list.

Management

- Please provide an organizational chart.



- Is the Center or Institute legislatively created? No
- Does the Center or Institute have an advisory board? Yes.
How often are meetings held? Two times per year
Does the board manage the C/I or does it serve in an advisory capacity? Advisory only.
Please describe and include a list of current members.

Senior executives of DOD industry partners.

Cy Krolick
Wesley Ainsworth
Dwight R. Alexander
Brian Pope
Carl Fisher
Ed Wagner
Scott Forney
Paul Jordan

Adam Kabulski
Steven Mankevich
Greg Reed
Stuart Karon
Ed Thaxton
John Ulliman

- How long has the director served? Two years
- How does the directorship change hands? National search committee.
- Are there any issues associated with management transition? No.
- If there are multiple sites, how are they administered? n/a
Who has final oversight? n/a

Comments or additional information: _____

Additional Issues

Issues facing the Center or Institute

1. Funding for facilities maintenance and repair.
2. Funding for administrative and office staff as these costs are not usually allowable as direct charges to grants and contracts.
3. In order to diversify our funding base, CAPS is pursuing more funding for research on terrestrial power systems in addition to work for the Navy. Department of Energy and other agency opportunities increasingly require cost sharing / cost matching in amounts up to 100% of the award. It is very difficult and often impossible to meet this matching requirement.

Overall Evaluation

- ✓ The Center for Advanced Power Systems (CAPS) is meeting its mission of developing a multidisciplinary program for graduate and undergraduate education; focusing research programs on simulation and modeling of advanced power systems; and advancing state-of-the-art electric power technology. It provides support to students, giving them the opportunity to assist with research on power system engineering. It continually seeks funding to support research, while strengthening relationships with federal, state and multi-university consortia. Finally, it leverages its research for electric ship development to inform our approach to micro-grids.
- ✓ The return on E&G investment is 1:47.81.
- ✓ The Center serves a valuable purpose, providing employment to faculty, staff, research assistants along with post-doc support. It also disseminates its research annually through a large number of faculty publications and presentations at national conferences. Finally, it has applied for or received 24 patents. The quality of the Center is evident.

- ✓ CAPS is funded primarily through federal funds. There does not appear to be any reason to expect this will change in the future. Their comments indicate the need for additional funds for facilities maintenance, for administrative infrastructure (contracts and grants often do not permit these expenditures) and for matching funds necessary for certain additional grant opportunities.
- ✓ No change in classification is recommended.
- ✓ Retain active status.

Questions for Centers and Institutes (C/I) Review

Mission and C/I activities

1. Please provide contact information, both for management and for budget information.

Name of Center or Institute: Future Fuels Institute

Address: 1800 E. Paul Dirac Dr.

Phone: 850-644-2398

Director: Ryan P. Rodgers

Director e-mail address: Rodgers@magnet.fsu.edu

Phone: 850-644-2398

Budget and funding contact: Tracie Blackwood

Contact e-mail address: tblackwood@fsu.edu

Phone: 850-644-3981

Web Link: <https://www.research.fsu.edu/research-offices/future-fuels-institute/>

If multidisciplinary, please list departments associated with C/I:

2. ***What is the Center's or Institute's mission statement?*** – The Future Fuels Institute (FFI) has been established by the Florida State University as an institute to pursue collaborative activities in fundamental science, enabling technologies, and applications of the knowledge in the areas of fuels sciences and technology and to promote education, outreach and training. • The mission of the Institute is to conduct fundamental and advanced scientific research and to develop and promote technology for efficient production and use of renewable fuels such as biofuels and green fuels, and fuels derived from difficult hydrocarbon resources, such as heavy oils and synthetic crudes. • As a part of FSU, the Institute will provide education and training to graduate students, post-doctoral fellows, visiting scientists/engineers and company professionals in fuel science and technology.
3. ***Briefly, what activities are consistently performed that move the C/I toward meeting its established mission? This section should also include activities related to meeting the State Board of Governor's mission. The State Board of Governors mission includes the following:***
- Strengthen Quality & Reputation of Academic Programs and Universities
 - Increase Degree Productivity and Program Efficiency

- c. Increase the Number of Degrees Awarded in STEM and Other Areas of Strategic Emphasis
- d. Strengthen Quality and Reputation of Scholarship, Research and Innovation
- e. Increase Research and Commercialization Activity
- f. Increase Collaboration and External Support for Research Activity
- g. Strengthen Quality and Recognition of Commitment to Community and Business Engagement
- h. Increase Levels of Community and Business Engagement
- i. Increase Community and Business Workforce

Activities:

- a. The FFI has trained undergraduate and graduate students in the field of analytical chemistry. The latest, Jon Putman, recently enrolled in graduate school at FSU
- b. The FFI has completed research projects for several of the world's largest companies. It established FSU as a leader in fuel and petroleum characterization. We have worked with GE, Boeing, Maersk, Conoco Phillips, Saudi Aramco, Total, Shell, Nalco, Baker Hughes, Reliance, Ecopetrol, Petrobras, and others.
- c. Since its inception in 2012, the FFI has brought in ~\$3.2M in industrial support. The research performed also aided the FT-ICR MS facility in being awarded a \$2.9M grant for environmental petroleum contamination studies.
- d. FFI research has yielded 3 patent applications, and established the university as a preeminent research facility for complex mixture analysis. It is currently a Center of Innovation (Waters Corporation) and Center of Excellence (Leco Corp)

4. Overall Status

- What is the Center or Institute best known for? Petroleum Analysis
- What is the greatest strength of the Center or Institute? Staff and Equipment
- What are the most significant challenges facing the Center or Institute? Declining oil prices, which diminishes the amount of outside research that is funded.

Funding –

Please provide the source and amount of expenditures from 2009-2010 to 2014-2015, using the following categories. Please round to the nearest dollar.

Expenditures**	2010-2011	2013-2014	2014-2015
University (E&G)			
State (General Revenue Other than E&G)			
State (C&G or other funds)			
Federal (C&G)			
Local (C&G)			
Private / nonprofit organization		\$1,067,902	\$1,601,852
Endowment proceeds			
Proceeds from patents or royalties			
Sales from services or products			
Others (specify)			
Total expenditures		\$1,067,902	\$1,601,852

Endowment Information

Is the C/I supported in whole or in part by proceeds from an endowment?

If so:

- What is the amount of the endowment?
- Where is the endowment managed?
- Does the C/I spend only interest earnings?
- Does the C/I spend part of the capital of the endowment?

Contract and Grant Information

	2010-2011	2013-2014	2014-2015
Number of proposals submitted	0	0	0
Number of proposals funded	0	0	0
Proposals Made Jointly with Individuals not Directly associated with the Center / Institute	0	0	0
Total dollar amount of awards	0	0	0

- Are any of the contracts or grants multi-year? They are membership contracts, not grant applications. YES, 1-4 year contracts

- How many years does the Center or Institute have left on any current contract or grant? 1-4 years
- Have any contracts or grants been renewed during this reporting period? If yes, how many? 2

Other Center or Institute Activities

- Have any patents or royalties been generated? If so, please describe. N/A

Has the Center or Institute applied for a patent that has not yet been granted? If so, please describe. 2 patent applications submitted

Comments or additional information:

Employment --

University Positions associated with your C/I

	2010-2011	2013-2014	2014-2015
Number of Faculty (FTE)	0	2.5	4.5
Number of A&P and USPS positions (FTE)	0	1	1
Total Positions	0	3.5	5.5

Student Employment (include graduate and undergraduate)

	2010-2011	2013-2014	2014-2015
Number of research assistants employed (FTE)	0	0	1

Number of teaching assistants employed (FTE)	0	0	0
Number of interns (with stipend or OPS)	0	0	0
Number of interns (without pay)	0	0	0
Total student positions	0	0	0

Research is proprietary in many cases, thus, graduate students and undergrads are not utilized.

Other Student Financial Benefits (include graduate and undergraduate)

	2010-2011	2010-2011	2013-2014	2013-2014	2014-2015	2014-2015
	Number	\$ Amount	Number	\$ Amount	Number	\$ Amount
Out of state tuition waivers	0	0	0	0	0	0
Student fellowships	0	0	0	0	0	0
Scholarships	0	0	0	0	0	0
Post-doctoral support	0	0	0	0	0	0
Amount of student travel support	0	0	0	0	0	0
Amount of registration for student conference attendance	0	0	0	0	0	0
Other support (specify)	0	0	0	0	0	0

Comments or additional information: _____

Research and Extension --

Note: Web-delivered and CD Rom publications are to be counted in these totals.

Publications (in Refereed Journals, Peer-Reviewed Books or Peer-Reviewed Chapters)

Do not include those credited to the faculty member's primary academic department that are unrelated to the C/I mission.

	2010-2011	2013-2014	2014-2015
Number of faculty publications	0	1	2
Number of student publications	0	0	0
Number of publications authored jointly with other faculty at FSU	0	7	14
Number of publications authored jointly with students in the C/I	0	1	1
Number of publications authored jointly with faculty at locations other than FSU	0	8	5

Please have a list of relevant publications available if requested.

Other Publications and Conference Papers

	2010-2011	2013-2014	2014-2015
Number of extension or outreach publications	0	0	0
Number of <u>national</u> conference papers submitted	0	7	9
Number of <u>national</u> conference papers accepted	0	7	9
Date, Conference and Name of presentation(s)	0	ASMS ACS Petrophase	ASMS ACS Petrophase
Number of <u>regional</u> conference papers submitted	0	0	0
Number of <u>regional</u> conference papers accepted	0	0	0
Date, Conference and Name of presentation(s)	0	0	0

Annual Report

Does the Center or Institute produce an annual report? If so, please have copies available or provide the web link. Executive Board reports are available upon request...

Student Publications

	2010-2011	2013-2014	2014-2015
Number of student theses credited to or associated with the C/I	0	0	0
Number of dissertations	0	0	0
Number of any other student papers	0	0	0

Professional Development and Assistance

Consulting

	2010-2011	2013-2014	2014-2015
Number of consulting contracts	0	0	0
Name of consulting recipient(s)	0	0	0
Consulting Subject or Topic	0	0	0
Amount of funding provided through general funds of the C/I	0	0	0
Amount of funding obtained through contract in addition to general C/I funds	0	0	0

Technical Assistance

	2010-2011	2013-2014	2014-2015
Number of technical assistance sessions or seminars offered	0	0	0
Name of technical assistance recipient(s)	0	0	0
Technical Assistance Subject or Topic	0	0	0
Amount of Funding	0	0	0

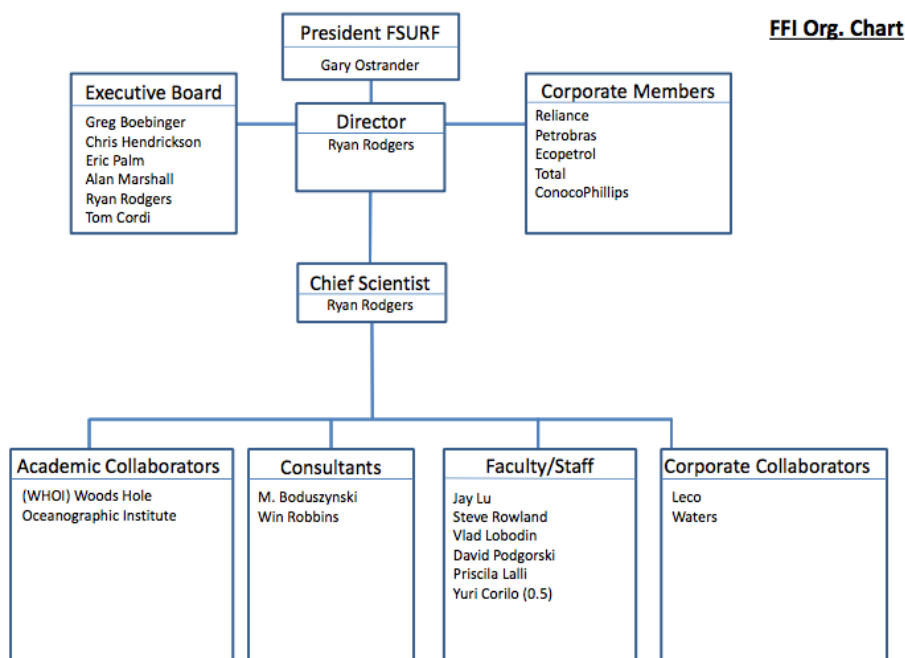
Conferences or Symposia

- How many conferences or symposia has the Center or Institute sponsored or hosted during this reporting period. Please list. Hosted Petrophase 2012, with 260 attendees...

Comments or additional information: _____

Management

- Please provide an organizational chart.



- Is the Center or Institute legislatively created? NO
- Does the Center or Institute have an advisory board? YES How often are meetings held? ANNUAL Does the board manage the C/I or does it serve in an advisory capacity? ADVISORY Please describe and include a list of current members. (attached in org chart)
- How long has the director served? 3 years
- How does the directorship change hands? By vote of Executive Board
- Are there any issues associated with management transition? NO
- If there are multiple sites, how are they administered? NA Who has final oversight?

Comments or additional information: _____

Additional Issues

Issues facing the Center or Institute

Declining oil prices.

Overall Evaluation

- ✓ The Future Fuels Institute (FFI) is meeting its mission of the pursuit of collaborative, fundamental and advanced scientific research and to promote technology for the use of renewable fuels. It has partnered with many large US corporations such as GE, Boeing, Conoco Phillips, Shell and international corporations such as Saudi Aramco. The second part of its mission, to educate and train people from the educational as well as the business sector, is also being accomplished.
- ✓ The FFI is funded through Contracts & Grants. Thus, no ROI for E&G expenditures is appropriate.
- ✓ The work of the Future Fuels Institute should continue. It is a vibrant center, producing journal articles, providing opportunities for FSU students (graduate and undergraduate), and funding 5.5 FTE for the University (4.5 faculty FTE). It is building connections with some of the most recognizable names in industry and their collaborative research has yielded 3 patent applications to date. It is establishing FSU as a preeminent research facility in this field.
- ✓ There is no need to change its mission or organizational structure.
- ✓ Funding is obtained through contracts and grants and seems fairly secure. It will only become a problem if gas prices go down, as FFI partners will spend less on research activities. Its excellent reputation will likely continue to attract funding.
- ✓ No change in classification is needed.
- ✓ Retain active status.

Questions for Centers and Institutes (C/I) Review

Mission and C/I activities

1. Please provide contact information, both for management and for budget information.

Name of Center or Institute: Geophysical Fluid Dynamics Institute

Address: Room 18 Keen Building, 77 Chieftain Way, Florida State University,
Tallahassee, FL 32306-4360

Phone: (850) 644-5594

Director: Dr. Kevin Speer

Director e-mail address: kspeer@fsu.edu

Phone: (850) 644-5625

Budget and funding contact: Donna Samaan

Contact e-mail address: dsamaan@fsu.edu

Phone: (850) 644-5594

Web Link: gfdi.fsu.edu

If multidisciplinary, please list departments associated with C/I: EOAS, Mathematics, Physics, Engineering, School of Computational Sciences

2. What is the Center's or Institute's mission statement?

The mission of the Institute is to promote and stimulate theoretical, numerical, field and laboratory experimental studies of fluid-dynamic phenomena in the atmosphere, rivers and lakes, ground water, oceans, fluids on other planets, and the fluid portions of the Earth's interior, and to apply this knowledge to problems in the geosciences, including environmental problems. It facilitates the career development of its Associates; enhances the educational experience of students studying in geophysical fluid dynamics and related disciplines principally at the graduate level; and seeks to strengthen the related academic departments and improve the stature of the University as a whole.

3. Briefly, what activities are consistently performed that move the C/I toward meeting its established mission? This section should also include activities related to meeting the State Board of Governor's mission. The State Board of Governors mission includes the following:

- a. Strengthen Quality & Reputation of Academic Programs and Universities

- b. Increase Degree Productivity and Program Efficiency
- c. Increase the Number of Degrees Awarded in STEM and Other Areas of Strategic Emphasis
- d. Strengthen Quality and Reputation of Scholarship, Research and Innovation
- e. Increase Research and Commercialization Activity
- f. Increase Collaboration and External Support for Research Activity
- g. Strengthen Quality and Recognition of Commitment to Community and Business Engagement
- h. Increase Levels of Community and Business Engagement
- i. Increase Community and Business Workforce

Activities:

- a. Provide research support for faculty and students in the form of computational support, experimental support, and grant support for funded and proposed research.
- b. Seminars designed to bring in visitors to enhance our knowledge in new directions.
- c. Twice monthly experimental seminars aimed at elucidating geophysical principles for all interested parties.
- d. Continued development and improvement of the Ph.D. program.

4. Overall Status

- What is the Center or Institute best known for?

Certainly one of the best known aspects of our Institute is the quality of our graduate students in the GFD Ph.D. Program, and the exceptional quality of our Associates. Indeed these are the greatest strengths of our Institute. Our Associates work on a number of diverse problems spread across the geosciences, using various theoretical, computational, and statistical tools. However, they all share an appreciation for the importance of a basic understanding of the physics of the climate. Thus there is room for both more individualized research programs as well as research groups than span several different departments with multiple faculty.

- What is the greatest strength of the Center or Institute?

Our ability to span across multiple disciplines, coupled with the flexibility of our Ph.D. program and the ability of our faculty to generate research funds and perform high-recognized research are our greatest strengths.

- What are the most significant challenges facing the Center or Institute?

There are many challenges currently facing our Institute. Some are caused by the difficulties associated with the organizational structure of the university and the relationship between departments and Institutes. Here we note the following comments from the FSU Organization report (from 2008). The role of interdisciplinary centers at FSU was a separate section of the Organization Report, and their recommendations were as follows: “The committee recommends that the academic deans or a subcommittee thereof be charged with developing recommendations for solving the problems created by these challenges and improving the climate for the long-term viability and success of these programs Challenges are embedded in the structure of Academic Affairs (sensu lato) and the infrastructure needed for support of the academic enterprise. It is these challenges that need attention ... There are many facets of this large issue and they are best addressed at a very high level, hence the Committee’s recommendation that the deans or a sub-group thereof be charged with the task.” A further description of some of the challenges facing the Institute follow in the “Additional Issues” section.

Funding –

Please provide the source and amount of expenditures from 2009-2010 to 2014-2015, using the following categories. Please round to the nearest dollar.

Expenditures	2010-2011	2013-2014	2014-2015
University (E&G)	0	0	0
State (General Revenue Other than E&G)	\$193,901.93	\$284,950.55	\$265,557.79
State (C&G or other funds)	0	0	0
Federal (C&G)	\$460,699.16	\$464,920.41	\$376,419.61
Local (C&G)	0	0	0
Private / nonprofit organization	0	0	
Endowment proceeds	0	0	0
Proceeds from patents or royalties	0	0	0
Sales from services or products	\$902.00	0	0
Others (specify) Grant from foreign county	0	\$1,791.41	\$57,200.68
Total expenditures	\$655,503.09	\$751,662.37	\$699,178.09

Endowment Information

Is the C/I supported in whole or in part by proceeds from an endowment? *No.*

If so:

- What is the amount of the endowment?
- Where is the endowment managed?
- Does the C/I spend only interest earnings?
- Does the C/I spend part of the capital of the endowment?

Contract and Grant Information

	2010-2011	2013-2014	2014-2015
Number of proposals submitted	10	12	10
Number of proposals funded	4	6	2
Proposals Made Jointly with Individuals not Directly associated with the Center / Institute	0	1	1
Total dollar amount of awards	\$608,448	\$386,416	\$540,557

- Are any of the contracts or grants multi-year? Yes.
- How many years does the Center or Institute have left on any current contract or grant? Three Years
- Have any contracts or grants been renewed during this reporting period? If yes, how many? Yes. 4

Other Center or Institute Activities

- Have any patents or royalties been generated? If so, please describe.
No.
- Has the Center or Institute applied for a patent that has not yet been granted? If so, please describe.
No.

Comments or additional information: _____

Employment --

University Positions associated with your C/I

	2010-2011	2013-2014	2014-2015
Number of Faculty (FTE)	0.20	0	0
Number of A&P and USPS positions (FTE)	3.5	3.5	3.5
Total Positions	3.75	3.5	3.5

Student Employment (include graduate and undergraduate)

	2010-2011	2013-2014	2014-2015
Number of research assistants employed (FTE)	5	12	8
Number of teaching assistants employed (FTE)	0	0	0
Number of interns (with stipend or OPS)	4	1	4
Number of interns (without pay)	2	3	2
Total student positions	11	16	14

Other Student Financial Benefits (include graduate and undergraduate)

	2010-2011	2010-2011	2013-2014	2013-2014	2014-2015	2014-2015
	Number	\$ Amount	Number	\$ Amount	Number	\$ Amount
Out of state tuition waivers	8	\$41,492.46	15	\$82,984.92	14	\$77,572.84
Student fellowships	0	0	0	0	0	0
Scholarships	0	0	0	0	0	0
Post-doctoral support	3	\$53,497	2	84,559	3	461,474
Amount of student travel support	4	\$3,519	5	\$6,976	8	\$10,396
Amount of registration for student conference attendance	2	\$430	2	\$405	5	\$1820
Other support (specify)	0	0	0	1 (Fulbright-Garcia Robles grant) \$25,000	1 (Fulbright-Garcia Robles grant) \$25,000	1 (Fulbright-Garcia Robles grant) \$25,000

Comments or additional information: _____

Research and Extension --

Note: Web-delivered and CD Rom publications are to be counted in these totals.

Publications (in Refereed Journals, Peer-Reviewed Books or Peer-Reviewed Chapters)

Do not include those credited to the faculty member's primary academic department that are unrelated to the C/I mission.

	2010-2011	2013-2014	2014-2015
Number of faculty publications	4	2	4
Number of student publications	3	2	4
Number of publications authored jointly with other faculty at FSU	2	1	1
Number of publications authored jointly with students in the C/I	2	1	1
Number of publications authored jointly with faculty at locations other than FSU	1	1	1

Please have a list of relevant publications available if requested.

Other Publications and Conference Papers

	2010-2011	2013-2014	2014-2015
Number of extension or outreach publications	1: FSU News (2011) : Our development of new software for nitrogen transport modeling was report by FSU in 2011. See the report entitled “New software aids fight against	1: WFSU (2014) : Our laboratory and computational studies on sinkhole development and catastrophic collapse was reported on PBS WFSU in 2014. View the media	5: Educational videos (~5mins each) made with the help of CPALMS for K-12 educators about basic math/physics/oceanography concepts, Science fair judge at

	<p>nitrate in Florida's groundwater" at https://www.fsu.edu/news/2011/07/06/new.software/.</p>	<p>coverage at http://news.fsu.edu/Watch-and-Listen/Radio-Stories/FSU-researchers-studying-sinkhole-patterns. https://www.youtube.com/watch?v=1d_5yLnlpA0&feature=youtu.be</p>	<p>Celebration Baptist Church for 8th graders, Jan 2015</p> <p>Outreach activity for 7th graders, Feb 2015 – Presentation about general oceanography and demos using rotating tables.</p> <p>Student volunteer at AOFD meeting, June 2015</p> <p>3 Media presentations: Russia Today International (2015): Interviewed by Russia Today International to discuss origins of sinkholes in Russia. The interview is available at https://www.youtube.com/watch?v=NTxE9buMVn4&feature=youtu.be.</p> <p>History Channel (2015): Our laboratory study of sinkhole development and catastrophic collapse was</p>
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			<p>included in a one-hour program of the History Channel entitled “Engineering Disaster”. The History Channel video is online at http://www.history.com/shows/engineering-disasters</p> <p>PBS/NOVA (2015): Our laboratory study of sinkhole development and catastrophic collapse was included in a one-hour program of PBS/NOVA entitled “Sinkholes: Buried Alive”. It is covered at FSU news http://news.fsu.edu/More-FSU-News/Researcher-to-appear-on-NOVA-s-Sinkholes-Buried-Alive. The PBS/NOVA video is online at http://www.pbs.org/wgbh/nova/earth/sinkholes.html.</p>
Number of <u>national</u> conference papers submitted	39	53	33
Number of	39	53	33

national conference papers accepted			
Date, Conference and Name of presentation (s)	Available upon request	Available upon request	Available upon request
Number of <u>regional</u> conference papers submitted	2	6	3
Number of <u>regional</u> conference papers accepted	2	6	3
Date, Conference and Name of presentation (s)	<p><i>2010: On the problem of Anderson localization for the random nonlinear Schroedinger equation, Applied and Computational Mathematics, Florida State University.</i></p> <p>5th Annual Student Symposium, Thalassic Society of FSU, 2011: Equivalent Neutral winds and whitecap coverage.</p>	<p>FSU Thalassic Society Symposium, 2013. Comparisons of Extreme Events from NCEP/NCAR Reanalysis to PUMA.</p> <p>Mooring Recovery: August 2013, Student Seminar</p> <p>46th National association Cave Diving, Annual Meeting, Gainesville, FL, October 2014: Bubble-induced cave collapse.</p> <p>Discussion of the</p>	<p>A tutorial on spectral element methods and the SCHOONER software, (June 2015), Organized and presented tutorial sessions at the Geophysical Fluid Dynamics Institute, Tallahassee, FL.</p> <p>Poster Presented at 8th Graduate Climate Conference, U. of Washington, Eatonville, WA, 2014: Oceanic jets in a laboratory experiment.</p> <p>General Physical</p>

		<p>Hydrostatic Approximation and Derivation: February 28, 2014, Special Lecture</p> <p>Watermass Properties and the Equation of State: February 7, 2014, Special Lecture</p> <p>RAFOS floats in Desoto Canyon: April 5, 2014, Special Lecture, shipboard</p> <p>Natural Sciences Graduate Symposium, Tallahassee, FL, 2014: Order From Chaos: zonal jets in the ocean and the laboratory.</p>	<p>Oceanography: June 1, 2015, Student Seminar.</p>
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Annual Report

Does the Center or Institute produce an annual report? If so, please have copies available or provide the web link. *No*

Student Publications

	2010-2011	2013-2014	2014-2015
Number of student theses credited to or associated with the C/I	1	6	2

Number of dissertations	1	4	2
Number of any other student papers	2	2	4

Professional Development and Assistance

Consulting

	2010-2011	2013-2014	2014-2015
Number of consulting contracts	0	0	0
Name of consulting recipient(s)	N/A	N/A	N/A
Consulting Subject or Topic	N/A	N/A	N/A
Amount of funding provided through general funds of the C/I	N/A	N/A	N/A
Amount of funding obtained through contract in addition to general C/I funds	N/A	N/A	N/A

Technical Assistance

	2010-2011	2013-2014	2014-2015
Number of technical assistance sessions or seminars offered	4	6	9
Name of technical assistance recipient(s)	*	*	*
Technical Assistance Subject or Topic	**	**	**
Amount of Funding	0	0	0

*FSU faculty, students, post-docs and state employees

**Geophysical Sciences

Conferences or Symposia

- How many conferences or symposia has the Center or Institute sponsored or hosted during this reporting period. Please list.

MELVIN STERN LECTURE by Prof. Nathan Paldor on 1/27/11

FOURTH MELVIN STEN LECTURE by Dr. J. A. Whitehead on 4/22/13

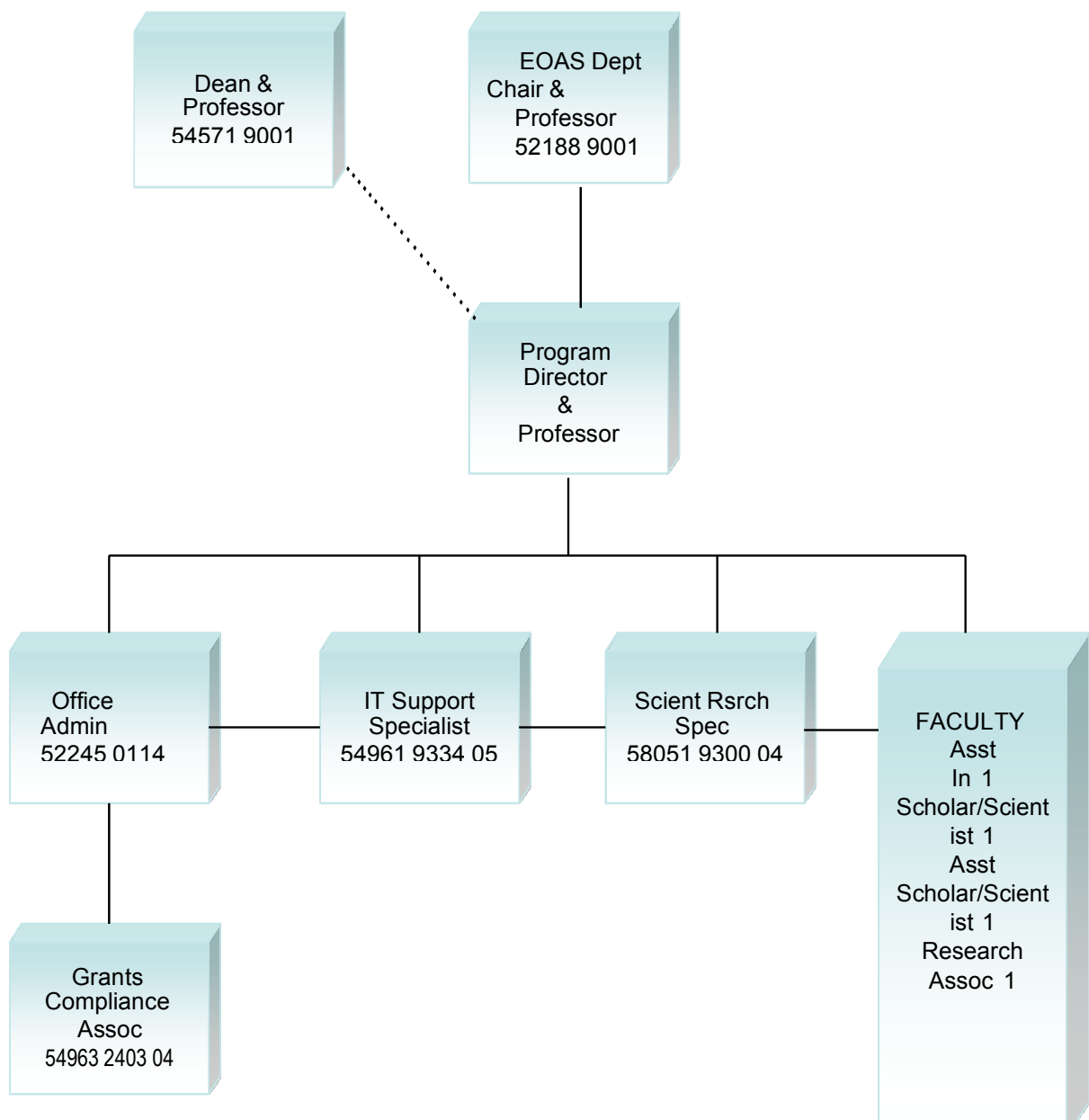
Comments or additional information: _____

Management

- Please provide an organizational chart

Florida State University
Academic Affairs
College of Arts and Sciences
Geophysical Fluid Dynamics Institute

Organizational Chart



- Is the Center or Institute legislatively created? No
- Does the Center or Institute have an advisory board? GFDI Executive Committee
- How often are meetings held? Once a semester or as needed.
- Does the board manage the C/I or does it serve in an advisory capacity? Please describe and include a list of current members.
Executive Committee includes Drs. Ming Cai, Peter Hoeflich, Ming Ye and Xiaoming Weng.
- How long has the director served? 3 years
- How does the directorship change hands? Appointed by the Dean
- Are there any issues associated with management transition? No
- If there are multiple sites, how are they administered? Who has final oversight?
Karst Environmental Center, Dr. Bill Hu

Comments or additional information: _____

Additional Issues

Issues facing the Center or Institute

Recruiting will be the major issue and we are in the process of setting up the Joint Program with Math to help that move forward.

Overall Evaluation

- ✓ The Geophysical Fluid Dynamics Institute (GFDI) is conducting activities consistent with its mission of promoting theoretical, numerical, field and laboratory experimental studies, facilitating the career development of its student associates and providing educational experiences for students. GFDI provides research support for faculty and students in the form of computational, experimental and grant support. Seminars are provided twice a month to inform students and the public of geophysical principles. Finally, GFDI continues development and improvement of its Ph.D. program.
- ✓ There is no E&G funding. An E&G ROI is not applicable.
- ✓ The Institute should continue. It houses the Geophysical Fluid Dynamics Ph.D. program, attracting very high quality candidates, and offers experimental experience for 14 Research Associates. The only comment from the Institute is its desire to recruit additional students. They are working with the Mathematics Department to accomplish this. It is a successful interdisciplinary effort that also produces research that is very visible and speaks well of FSU. Research findings are regularly presented at national conferences and have been featured on PBS and the History Channel.
- ✓ GFDI is funded primarily through federal funds, followed by state contracts. There is a small amount of funding from a foreign country. The Institute regularly submits a large

number of contract and grant applications. That, combined with their outstanding reputation as a scholarly venture, should continue their funding into the future.

- ✓ No change in classification is recommended.
- ✓ Retain active status.

Questions for Centers and Institutes (C/I) Review

Mission and C/I activities

Please provide contact information, both for management and for budget information.

Name of Center or Institute: Karst Environmental Center
(This is a Sub unit of Geophysical Fluid Dynamics Institute)

Address: Room 18 Keen Bldg., 77 Chieftain Way, Florida State University, Tallahassee, FL 32306-4360

Phone: 850-644-5594

Director: Dr. Xiaolong (Bill) Hu
Director e-mail address: hxiaolon@fsu.edu; bill.x.hu@gmail.com
Phone: 850-644-3743

Budget and funding contact: Donna Samaan
Contact e-mail address: dsamaan@fsu.edu
Phone: 850-644-5595

Web Link: http://gfdi.fsu.edu/staticpages/index.php/kec_welcome

If multidisciplinary, please list departments associated with C/I:

Biological Sciences, Chemistry, Ecology, Civil & Environmental Engineering, Computational Sciences, Economics, Geography, Hydrogeological Sciences, Law, Mathematics, Meteorology, Oceanography, Public Policy, Environmental Education, Statistics, Urban & Regional Planning.

What is the Center's or Institute's mission statement?

To organize scientists from the Florida State University, federal and state agencies and environmental consulting companies to conduct basic and applied research on water related environmental problems in karst areas and to apply for federal and state competitive grants. The research results will provide the scientific basis for policies and regulations made to protect Florida's environment. The establishment of the KEC within FSU will improve FSU research and support the University's mission of seeking to "provide service to the public in accord with its State-wide mission." A more specific objective of the center is to provide a platform for faculty members in the affiliated disciplines to cooperate with each other and with non-FSU scientists and resource

managers in the pursuit and conduct of multi-disciplinary research in environmental sciences and management. The center will also provide educational, training and employment opportunities for FSU students in these fields.

Briefly, what activities are consistently performed that move the C/I toward meeting its established mission? This section should also include activities related to meeting the State Board of Governor's mission. The State Board of Governors mission includes the following:

- a. Strengthen Quality & Reputation of Academic Programs and Universities
- b. Increase Degree Productivity and Program Efficiency
- c. Increase the Number of Degrees Awarded in STEM and Other Areas of Strategic Emphasis
- d. Strengthen Quality and Reputation of Scholarship, Research and Innovation
- e. Increase Research and Commercialization Activity
- f. Increase Collaboration and External Support for Research Activity
- g. Strengthen Quality and Recognition of Commitment to Community and Business Engagement
- h. Increase Levels of Community and Business Engagement
- i. Increase Community and Business Workforce

Activities:

- a. Research Grant and Contract Development
- b. Student financial support and advice
- c. Academic paper publication
- d. Presentation in international, national and regional conference
- e. Academic service

Overall Status

- What is the Center or Institute best known for? Collaboration
- What is the greatest strength of the Center or Institute? Diversity
- What are the most significant challenges facing the Center or Institute?

Funding

Funding –

Please provide the source and amount of expenditures from 2009-2010 to 2014-2015, using the following categories. Please round to the nearest dollar.

Expenditures	2010-2011	2013-2014	2014-2015
University (E&G)	0	0	0
State (General Revenue Other than E&G)	0	0	0
State (C&G or other funds)	0	0	0
Federal (C&G)	\$2610.00	\$4128.79	0
Local (C&G)	0	0	0
Private / nonprofit organization			
Endowment proceeds	0	0	0
Proceeds from patents or royalties	0	0	0
Sales from services or products	0	0	0
Others (specify)	0	0	0
Total expenditures	\$2610.00	\$4128.79	0

Endowment Information

Is the C/I supported in whole or in part by proceeds from an endowment? No

If so:

- What is the amount of the endowment? N/A
- Where is the endowment managed? N/A
- Does the C/I spend only interest earnings? N/A
- Does the C/I spend part of the capital of the endowment? N/A

Contract and Grant Information

	2010-2011	2013-2014	2014-2015
Number of proposals submitted	1	2	1
Number of proposals funded	1	1	0
Proposals Made Jointly with Individuals not Directly associated with the Center / Institute	1	1	0

Total dollar amount of awards	\$10,743	\$17,031	0
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- Are any of the contracts or grants multi-year? yes
- How many years does the Center or Institute have left on any current contract or grant? 3
- Have any contracts or grants been renewed during this reporting period? If yes, how many? 1

Other Center or Institute Activities

- Have any patents or royalties been generated? If so, please describe. No.
- Has the Center or Institute applied for a patent that has not yet been granted? If so, please describe. No

Comments or additional information: _____

Employment --

University Positions associated with your C/I

	2010-2011	2013-2014	2014-2015
Number of Faculty (FTE)	.15	.15	.15*
Number of A&P and USPS positions (FTE)	0	0	0
Total Positions	.15	.15	.15

*Coordination is also supported through GFDI funds.

Student Employment (include graduate and undergraduate)

	2010-2011	2013-2014	2014-2015
Number of research assistants employed (FTE)	2	2	2
Number of teaching assistants employed (FTE)	0	0	0
Number of interns (with stipend or OPS)	0	0	0
Number of interns (without pay)	0	0	0
Total student positions	2	2	2

Other Student Financial Benefits (include graduate and undergraduate)

	2010-2011	2010-2011	2013-2014	2013-2014	2014-2015	2014-2015
	Number	\$ Amount	Number	\$ Amount	Number	\$ Amount
Out of state tuition waivers	0	0	0	0	0	0
Student fellowships	0	0	0	0	0	0
Scholarships	0	0	0	0	0	0
Post-doctoral support	0	0	0	0	0	0
Amount of student travel support	0	0	0	0	0	0
Amount of registration for student conference	0	0	0	0	0	0

attendance						
Other support (specify)	0	0	0	0	0	0

Comments or additional information: _____

Research and Extension --

Note: Web-delivered and CD Rom publications are to be counted in these totals.

Publications (in Refereed Journals, Peer-Reviewed Books or Peer-Reviewed Chapters)

Do not include those credited to the faculty member's primary academic department that are unrelated to the C/I mission.

*Listed are faculty publications from faculty working in the Geophysical Fluid Dynamics Institute (GFDI). The Karst Environmental Center is a sub-unit of GFDI.

	2010-2011	2013-2014	2014-2015
Number of faculty publications	7	5	10
Number of student publications	3	4	8
Number of publications authored jointly with other faculty at FSU	5	2	4
Number of publications authored jointly with students in the C/I	3	4	8
Number of publications authored jointly with	2	2	1

faculty at locations other than FSU			
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Please have a list of relevant publications available if requested.

Other Publications and Conference Papers

*Listed are faculty publications from faculty working in the Geophysical Fluid Dynamics Institute (GFDI). The Karst Environmental Center is a sub-unit of GFDI.

	2010-2011	2013-2014	2014-2015
Number of extension or outreach publications	1	1	0
Number of <u>national</u> conference papers submitted	5	5	5
Number of <u>national</u> conference papers accepted	5	5	5
Date, Conference and Name of presentation(s)	December 2010, Numerical Experiments of Solute Transport Prediction in Steady-state Flow via Ensemble Kalman filter, American Geophysical Union, San Francisco, CA. December 2010, Assessment of radionuclide transport	October 27-30, 2013, Presiding, T46. Experimental study and numerical simulation of reactive chemical transport in complex subsurface media (GSA Hydrogeology Division; GSA Environmental and Engineering Geology Division; GSA	December 15-19, 2014, Numerical study of groundwater cycling controlled by seawater intrusion in a karst conduit system using Modflow-CFP. AGU December 15-19, 2014. Field monitoring and Numerical simulation of seawater and brine water intrusion to groundwater in the coastal area of Laizhou bay, China. AGU Fall Meeting, San Francisco. December, 2014. June 21-24, 2015 Numerical

	<p>uncertainty in the unsaturated zone in the Yucca Mountain project area. American Geophysical Union, San Francisco, CA.</p> <p>December 2010, Data assimilation for soluble chemical transfer from soil to surface runoff using the constrained ensemble Kalman filter, American Geophysical Union, San Francisco, CA.</p> <p>December 2010, Numerical Simulation of Variable-density Groundwater Flow: Submarine Groundwater Discharge, San Francisco, CA.</p> <p>July 2010, Stochastic study of contaminant transport in complex geological media, International Symposium on "Frontiers of Earth Sciences: Earth, Environment, and Human Impacts", Nanjing, China.</p>	<p>Mineralogy, Geochemistry, Petrology, and Volcanology Division). Session No. 310. GSA Annual Meeting & Exposition, Denver, Colorado, USA.</p> <p>October 27-30, 2013, A scaling model for scaling uranium sorption/desorption properties and their uncertainties in contaminated sediments. Abstract 310-2, GSA Annual Meeting & Exposition, Denver, Colorado, USA.</p> <p>October 27-30, 2013, Relationship between groundwater and lakes in Badain Jaran Desert, China, Abstract 202-4, GSA Annual Meeting & Exposition, Denver, Colorado, USA.</p> <p>October 27-30, 2013, Using CFP (Conduit Flow Process) numerical solute transport</p>	<p>study on groundwater flow cycling in the Woodville Karst Plain controlled by seawater intrusion to a karst aquifer through conduit network using CFPv2, OMICS International Conference on Geology, Orlando, Florida, June 2015 (oral).</p> <p>Karst Plain controlled by seawater intrusion to a karst aquifer through conduit network using CFPv2, OMICS International Conference on Geology, Orlando, Florida, June 2015 .</p> <p>NovemberSimulating seawater intrusion using numerical variable-density SEAWAT model in coastal karst aquifer with well-developed conduits, Geological Society of America (GSA) Annual Meeting, Baltimore, Maryland, November 11-16, 2015</p> <p>Simulating seawater intrusion using numerical variable-density SEAWAT model in coastal karst aquifer with well-developed conduits, Geological Society of America (GSA) Annual Meeting, Baltimore, Maryland, November 2015</p> <p>December 11-16, 2015</p> <p>Variable density numerical modeling of seawater intrusion in coastal aquifer with well-developed conduits, American Geophysical Union (AGU) 2015 Fall Meeting, San Francisco, California, December 2015</p>
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		<p>method to simulate nitrate-N and chloride contamination in Woodville Karst Plain, Abstract 72-7, GSA Annual Meeting & Exposition, Denver, Colorado, USA.</p> <p>June 21-23, 2013, Saltwater intrusion into spring creek springs and the effect on freshwater flow from Wakulla springs, The international symposium on regional groundwater flow: Theory, Application and Future Development. Xi'an, China.</p>	
Number of <u>regional</u> conference papers submitted	0	0	0
Number of <u>regional</u> conference papers accepted	0	0	0
Date, Conference and Name of presentation(s)	N/A	N/A	N/A

Annual Report

Does the Center or Institute produce an annual report? If so, please have copies available or provide the web link. No

Student Publications

	2010-2011	2013-2014	2014-2015
Number of student theses credited to or associated with the C/I	1	2	1
Number of dissertations	2	2	1
Number of any other student papers	2	3	2

Professional Development and Assistance

Consulting

None

	2010-2011	2013-2014	2014-2015
Number of consulting contracts	0	0	0
Name of consulting recipient(s)	N/A	N/A	N/A
Consulting Subject or Topic	N/A	N/A	N/A
Amount of funding provided through general funds of the C/I	0	0	0
Amount of funding obtained through contract in addition to general C/I funds	0	0	0

Technical Assistance

None

	2010-2011	2013-2014	2014-2015
Number of technical assistance sessions or seminars offered	0	0	0
Name of technical assistance recipient(s)	0	0	0
Technical Assistance Subject or Topic	N/A	N/A	N/A
Amount of Funding	0	0	0

Conferences or Symposia

- How many conferences or symposia has the Center or Institute sponsored or hosted during this reporting period. Please list. One

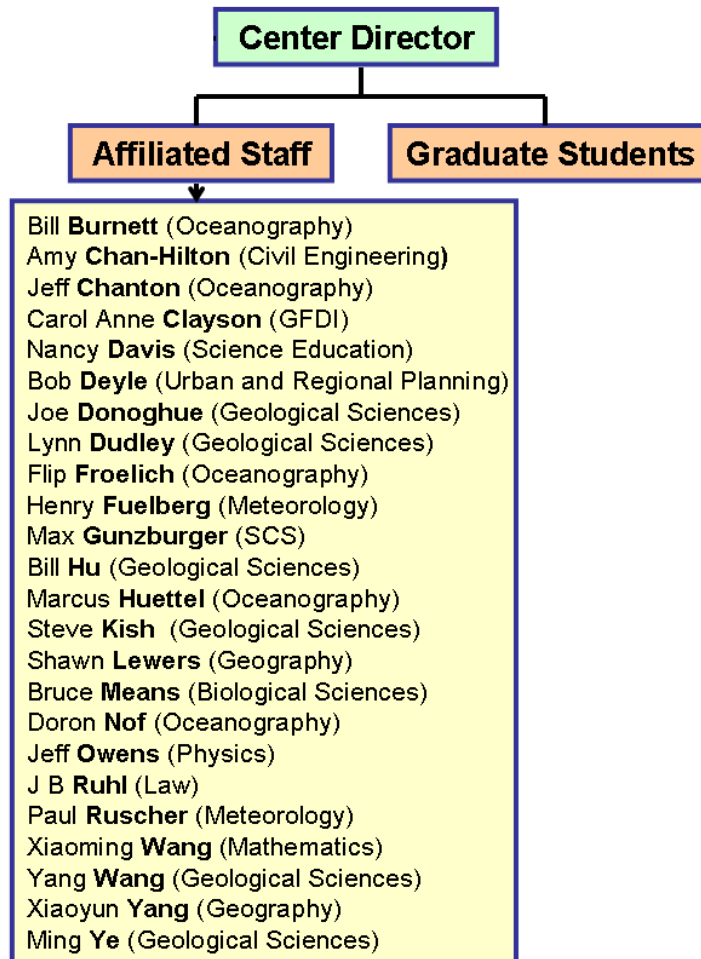
Open Workshop: Study on groundwater and surface water in the Woodville Karst Plain
Sept. 25, 1:30pm – 5:30pm, FSU GFDI Seminar Room

Comments or additional information: _____

Management

- Please provide an organizational chart

Organizational Chart:



- Is the Center or Institute legislatively created? No
- Does the Center or Institute have an advisory board? How often are meetings held? Does the board manage the C/I or does it serve in an advisory capacity? Please describe and include a list of current members. NO
- How long has the director served? Six years
- How does the directorship change hands? N/A
- Are there any issues associated with management transition? No
- If there are multiple sites, how are they administered? Who has final oversight? No

Comments or additional information: _____

Additional Issues

Issues facing the Center or Institute

- Infrastructure needs: Field measurement equipment and calculation facilities
- Administration: Technology needs
- Personnel/Staffing needs: A secretary and business person
- Grant writing support, including requirements for continuation funding: need fund to conduct initial study for proposal writing
- Grant accounting: need help
- Grant processing
- Budget support: need help

Overall Evaluation

- ✓ The Karst Environmental Center (KEC) is performing activities consistent with its mission, conducting and coordinating interdisciplinary research in environmental sciences and management. This research is aimed at providing the scientific basis for policies and regulations made to protect Florida's environment. It has produced both faculty and student publications.
- ✓ There is no E&G funding for the Center; an ROI calculation is not applicable.
- ✓ The KEC serves a valuable purpose, especially in the areas of faculty and student research. Findings are also publicized through conference papers. In addition to informing other researchers, policymakers and the public, it provides employment to student research assistants.
- ✓ Funding is an issue for the KEC. They continue to actively pursue grants. Their location, within GFDI, likely offers some support to their research efforts. They will continue their efforts to secure funding and some basic staff support.
- ✓ No change in classification is recommended.
- ✓ Retain active status.

Questions Centers and Institutes (C/I) Review

Mission and C/I activities

1. Please provide contact information, both for management and for budget information.

Name of Center or Institute: Antarctic Marine Geology Research Facility (AMGRF)

Address: Antarctic Marine Geology Research Facility, 4100
Carraway Building Annex
Antarctic Way
Florida State University
Tallahassee, FL 32306-4100
<http://www.arf.fsu.edu/>

Phone: (850) 644-7127; 644-2407

Director: Sherwood W. Wise, Jr.
Director e-mail address: swwisejr@gmail.com; swise@fsu.edu
Phone: (850) 644-6265

Budget and funding contact: Sherwood W. Wise, Jr.
Contact e-mail address: swwisejr@gmail.com; swise@fsu.edu
Phone: (850) 644-6265

Web Link:

If multidisciplinary, please list departments associated with C/I: N/A

2. What is your mission statement?

The Antarctic Marine Geology Research Facility (AMGRF) is the U.S. national repository for marine geological materials collected in the southern polar regions on and around Antarctica. As such, it is the largest repository of Southern Ocean piston cores in the world, and has been conducting marine geological research and receiving, describing, and archiving cores for the past 54 years.

The primary function of the Facility is to provide technical, logistical, equipment, and laboratory support to the U.S. National Science Foundation's United States Antarctic Program (USAP) Principal Investigators, both in the field and at Florida State University. In addition, Facility space and equipment are utilized for workshops and short courses and for the training of graduate and undergraduate earth-science students; this is accompanied by an extensive education and outreach program that extends well beyond the University.

3. ***Briefly, what activities are consistently performed that move your C/I toward meeting its established mission?***

The Antarctic Marine Geology Research Facility (AMGRF) curates an extensive collection of Antarctic and sub-Antarctic sediments retrieved by ice- and ship-based coring/drilling, dredging, trawling, and grab sampling from a number of USAP research vessels and other research initiatives over the past 54 years.

The AMGRF is housed in a single-story, 10,000 sq. ft. annex to the FSU Geology Department's Carraway Building that is designed to process and store marine sediments. The refrigerated core-storage area consists of a 6000 ft² (670 m²) room kept at 2° C. A separate 450 ft² vault (50 m²) provides additional space for materials requiring frozen (-25° C) storage (e.g., cores from permafrost areas such as the Dry Valleys of Antarctica).

Our mission at the Antarctic Marine Geology Research Facility (AMGRF) provides the following services to the research and education community:

- **Technical Service** – Core processing (e.g., core splitting, multi-sensor track analyses, x-radiographs), core descriptions, core sampling, technical support to Principal Investigators (including shipboard or Antarctic land-based curatorial operations) and hosting core-splitting/sampling parties for science groups.
- **Core Curation** – Curation of marine piston and gravity cores from USAP vessels and land- or ice-based drill cores.
- **Core and Sample Database** – An online core and sample database provides investigators with metadata on available cores and samples taken from those cores.
- **Research** – Equipment and space is provided for visiting investigators. AMGRF staff and students, and FSU faculty in general are also encouraged to carry out research on the collections.
- **Education and Outreach** – Tours and lectures for students and the general public; Laboratory sessions for undergraduate Geology and Oceanography courses; training for graduate and undergraduate students.

4. ***Overall Status***

- What is your Center or Institute best known for?

Serving as the U.S. National Repository for marine geological materials collected in the southern polar regions on and around Antarctica, one of the two national facilities on the FSU campus.

- What is the greatest strength of your Center or Institute?

Serving as the largest repository of Southern Ocean piston cores in the world and being involved in the planning, science, and/or support for the acquisition of much of the material in its collections.

- What are the most significant challenges facing your Center or Institute?

Like most of the other marine geological repositories in our country and elsewhere established after WW II or early during the post-Sputnik era, our 6500 sq. ft. refrigerated repository was filled close to capacity at the beginning of this funding period with the holdings described above. Our most urgent and crucial need was to expand on site our core-storage capabilities, or, barring that for the time being, to build off-site an auxiliary heated and cooled warehouse for the storage of equipment and items that didn't need to be kept under refrigeration.

A last-minute (i.e., “just in time”) installation of mobile shelving at the end of the last 5-year grant period gave us temporary relief for the near term (for ~ the next 15 years) on this “space issue”, but a longer-term solution will require new construction or modifications. Numerous proposals to fund new construction have been submitted to NSF-OPP and the University over the past 14 years, but to date none of these have come to fruition.

Funding – 2010-2011 through 2014-2015

Please provide the source and amount of expenditures from 2010-2011 to 2013-2015, using the following categories. Please round to the nearest dollar.

Expenditures**	2010-2011	2013-2014	2014-2015
University (E&G)	0	0	0
State (General Revenue Other than E&G)	0	0	0
State (C&G or other funds)	0	0	0
Federal	\$472,000	\$472,658	\$164,052
Local (C&G)	0	0	0
Private / nonprofit organization	0	0	0
Endowment proceeds	0	0	0
Proceeds from patents or royalties	0	0	0
Sales from services or products	0	0	0
Others (specify)			
Total expenditures	\$472,000	\$472,658	\$164,052

Endowment Information

Is the C/I supported in whole or in part by proceeds from an endowment? **No**

If so:

- What is the amount of the endowment?
- Where is the endowment managed?
- Do you spend only interest earnings?
- Do you spend part of the capital of the endowment?

Contract and Grant Information

	2010-2011	2013-2014	2014-2015 w/ one year no-cost extension
Number of proposals submitted	3	0	0
Number of proposals funded	2	0	0
Proposals Made Jointly with Individuals not Directly associated with the Center / Institute	0	0	0
Total amount of awards	\$3,157,864	0	0

- Are any of the contracts or grants multi-year? **Yes, all of them.**
- How many years do you have left on any current contract or grant (past 2010-2016)? 0
- Have any contracts or grants been renewed during the reporting period? **Yes.** If yes, how many? 1

1: The Facility 5-yr Operating Grant from 2009 for \$3,082,723 was renewed in 2016 for 2 yrs.

Other Center or Institute Activities

- Have any patents or royalties been generated? No.
- Have you applied for a patent that has not yet been granted? No.

Comments or additional information:

* Three proposals were submitted to NSF-OPP by their 2010 annual deadline, with FSU's share of the requests as follows:

1) Curation of AMGRF Collections	3,082,723
2) ANDRILL III Coulman High coring	416,433
3) Cold Room Mobile Shelving Phase II	<u>75,141</u>
	\$3,574,297

Of these, the AMGRF Curation and Mobile Shelving Phase II proposals were accepted but the ANDRILL proposal was declined after several submissions.

Employment - 2010-2011 through 2014-2015

University Positions associated with your C/I

Tie to Data submitted to SUS for Faculty, A&P, USPS and total positions.

	2010-2011	2013-2014	2014-2015
Number of Faculty (FTE)	1	1	1
Number of A&P and USPS positions (FTE)	1	1	1
Total Positions	2	2	2

Student Employment (include graduate and undergraduate)

	2010-2011	2013-2014	2014-2015
Number of research assistants employed (FTE)	3 (1.0)	10 (4.0)	10 (4.0)
Number of teaching assistants employed (FTE)	0	0	0
Number of interns (with stipend or OPS)	0	0	0
Number of interns (without pay)	0	0	0
Total student positions	3	10	10

Other Student Financial Benefits (include graduate and undergraduate)

	2010-2011	2010-2011	2013-2014	2013-2014	2014-2015	2014-2015
	Number	Amount	Number	Amount	Number	Amount
Out of state tuition waivers	0	0	0	0	0	0
Student fellowships	0	0	0	0	0	0
Scholarships	0	0	0	0	0	0
Post-doctoral support	0	0	0	0	0	0
Amount of student travel support	0	0	0	0	0	0
Amount of registration for student	0	0	0	0	0	0

conference attendance						
Other support (specify)	0	0	0	0	0	0

Comments or additional information:

Research and Extension -- 2010-2011 through 2014-2015

Note: Web-delivered and CD Rom publications are to be counted in these totals.

Publications in Refereed Journals

Do not include those credited to the faculty member's primary academic department that are unrelated to the C/I mission.

	2010-2011	2013-2014	2014-2015
Total number of faculty publications	0	0	0
Total number of student publications	0	0	0
Number of publications authored jointly with other faculty at FSU	0	0	0
Number of publications authored jointly with students in the C/I	0	0	0
Number of publications authored jointly with faculty at locations other than FSU	0	0	0

Please have a list of relevant publications available if requested.

Other Publications and Conference Papers

	2010-2011	2013-2014	2014-2015
Number of extension or outreach publications	0	0	0
Number of <u>national</u> conference papers submitted	0	0	0
Number of <u>national</u> conference papers accepted	0	0	0
Date, Conference and Name of presentation(s)	0	0	0
Number of <u>regional</u> conference papers submitted	0	0	0
Number of <u>regional</u> conference papers accepted	0	0	0
Date, Conference and Name of presentation(s)	0	0	0

Annual Report

Do you produce an annual report? **Yes, two: for both the BOG and NSF.**

If so, please have copies available or provide the web link.

Please Note: The following links below are password protected.

FL SUS Board of Governors:

<http://expertnet.org/bor/InstDir.cfm>

NSF:

<https://www.fastlane.nsf.gov/researchadmin/listProjRpts.do?awdID=0338192&awdTitl=Curation+of+National+Antarctic+Collections&rptType=AF>

Student Publications

	2010-2011	2013-2014	2014-2015
Number of student theses credited to or associated with the C/I	2 (Foley; Agbali)		3 (Myers; Power; Routledge)
Number of dissertations	2 (Kulhanek; Blair)	1 (Agbali)	
Number of any other student papers	0	0	0

Professional Development and Assistance

Consulting

	2010-2011	2013-2014	2014-2015
Number of consulting contracts	N/A	N/A	N/A
Name of consulting recipient(s)	N/A	N/A	N/A
Consulting Subject or Topic	N/A	N/A	N/A
Amount of funding provided through general funds of the C/I	N/A	N/A	N/A
Amount of funding obtained through contract in addition to general C/I funds	N/A	N/A	N/A

Technical Assistance

	2010-2011	2013-2014	2014-2015
Number of technical assistance sessions or seminars offered	N/A	N/A	N/A
Name of technical assistance recipient(s)	N/A	N/A	N/A
Technical Assistance Subject or Topic	N/A	N/A	N/A
Amount of Funding	N/A	N/A	N/A

Conferences or Symposia

- How many conferences or symposia have you sponsored or hosted from 2010-2011 through 2014-2015. **None.**
- Please list.

Comments or additional information:

Management

- Please provide an organizational chart

Faculty Principal Investigator (0% FTE): Professor Sherwood W. Wise, Jr.

Associate Curator (1.00% FTE; = “Head Curator”): Dr. Charlotte Sjunneskog

Geologist (1.00 % FTE; = “Assistant Curator”): Mr. Steven Petrushak

OPS and FWS student assistants as budgets permit (usually 6-10 at any one time)

- Are you legislatively created? **No**
- Do you have an advisory board? **Yes**

How often are meetings held?

When circumstances permit; members normally consult and carry out their business via email.

Does the board manage the C/I or does it serve in an advisory capacity?

Advisory capacity.

Please describe and include a list of current members.

There are 5 external members, one from the FSU Department of Oceanography, and 4 from other U.S. or international institutions as follows:

- 1) Dr. Stefanie A. Brachfeld (Chair): Montclair State University, N.J.; brachfelds@mail.montclair.edu,
- 2) Dr. Christopher Fielding, University of Nebraska—Lincoln; cfielding2@unl.edu, cfielding2@unlnotes.unl.edu,
- 3) Dr. Eugene Domack, University of South Florida, Tampa, FL; edomack@usf.edu,
- 4) Dr. Denise K. Kulhanek, Texas A&M, College Station, TX; kulhanek@iodp.tamu.edu,
- 5) Dr. Brad E. Rosenheim, University of South Florida, Tampa, FL; brosenheim@usf.edu.

- How long has the director (= “Faculty PI”) served? **20 years.**
- How does the directorship change hands?

The PI is presently appointed by the Chair of the FSU EOAS (Earth, Ocean, and Atmospheric Sciences) Department in consultation with the Office of Polar Programs, National Science Foundation.

- Are there any issues associated with management transition?

Yes, there has been a significant issue in the past. The Faculty PI and/or the Head Curator must be experienced and qualified for the job (i.e., “responsible persons” in the words of

NSF-OPP). In September, 1991, when inexperienced personnel were appointed to both of these jobs, NSF placed the AMGRF up for national bid. FSU eventually won the bid and retained the Facility on the FSU campus, but the AMGRF's operating budget was cut in half in the process, creating significant shortfalls, some of which (part of the Curator's salary) had to be made up by the University.

- If there are multiple sites, how are they administered? N/A
Who has final oversight? N/A

Comments or additional information:

The construction of the 10,000 sq. ft. AMGRF Annex to the Carraway Building was paid for by an NSF-OPP grant awarded to the FSU Department of Geology and the FSU Institute of Oceanography (now a department) as a joint venture in 1962; the completed Facility was dedicated in 1964. Because the AMGRF is 100% funded by NSF-OPP with full overhead going to FSU, the award agreement for the current operating grant states that the Annex space must be used to carry out the mission of the Facility as long as NSF provides operating support. For its part, FSU is responsible for the building maintenance, including the cost and maintenance of the refrigeration for the core collection.

Additional Issues

Please feel free to comment on the following or any other issues important to you and the Center or Institute:

As a service to the research community, we distribute physical samples from our collections. We also provide x-ray images and make non-destructive, multi-sensor core logger (MSCL) measurements on request (Table II-A-1 below), this non-destructive documentation is routinely performed on recently split cores.

Year	Requests (sample)	Samples Taken	Core Sections of X-Rays Taken	MSCL sensor/ image
2009-2010	46	3143	311	128/192
June-May	66	3436	283	292/177
2010-2011	20	962	36	105/1483
2011-2012				
2012-2013	28	3455	146	83/1098
2013-2014	53 (39)	3420	101	32/1143
2014-2015	49 (33)	3225	101	546/994
June-Sept				

Table Sample requests and other services provided by the AMGRF.

During the report period we had 34 core sampling- and splitting parties, with participants from around the world.

Date	Visitor	Affiliation	Total
# of visitors			
2009			
6/24-26	Anderson, Wellner	Rice, UH	2
7/13-14	Riesselman	Stanford	1
8/3-8	Prentice	Indiana University	1
8/13-14	Pike/Swann	Cardiff University	2
		UK	
8/31-9/3	Passchier	Montclair	1
9/11-15	Frances	University of	1
		Leeds, UK	
11/30-12/4	Brachfeld	Montclair	
2010			
05/17-20	Wellner, Rosenheim	UH, Tulane	7
05/25-28	Brachfeld	Montclair	1
06/8-10	Anderson, Majewski	Rice, Inst, of Paleob. PL	7
06/14-18	Frank, James	UNL	2
06/20-25	Domack et al	Multiple	8
2011			
01/24-25	Paulsen	U. of Wisconsin	1
03/14-18	Domack et al	Multiple	7
8/18-19	Lenczewski	NIU	1
2012			
03/5-8	Schultheiss	Geotek	2
06/20-21	Davis	ANU, Australia	2
10/15-17	Minzoni	Rice	
2013			
01/7-11	LARISSA	Multiple	13
03/19-22,25-28	LARISSA	Multiple	6
04/3-4	Alex Kirshner	RISE	2
07/July 29	Alex Isern	NSF	1
2014			
04/10	Carys Cook	UF, Gainesville	2
06/10-12	Domack, Shevenell	USF	4
06/16-25	Talarico, Massimiliano	Universities of Siena,	

			Milano
06/26-27	Hodson	NIU	1
07/15-31	Wilkins	Wesleyan University	1
07/21-22	Domack, Leventer	USF, Colgate University	2
10/13-17	Leventer et al	Multiple	5
11/19-12/10	Aghib	CNR, IT	1
2015			
01/20-23	Leventer et al	Multiple	4
03/9-13	Rosenblume	NIU	1
06/13	Cook	UF, Gainesville	1
07/27-30	Bart	LSU	3
08/3	Borg, Jackson, Wilch	NSF	3
08/17-21	Simkin, Prothro, Bart	Rice, LSU	4

Overall Evaluation

- ✓ The Antarctic Marine Geology Research Facility (AMGRF) is fulfilling its mission as the U.S. national repository for marine geological materials collected in the southern polar regions on and around Antarctica. It stores these materials so they are available for research purposes. In addition, facility space and equipment are utilized for workshops and for the training of undergraduate and graduate earth-science students.
- ✓ The AMGRF is funded entirely through Contracts & Grants. No E&G return on investment is applicable.
- ✓ The work of the Research Facility should continue through next summer, when the last of the cores is shipped to the new location of the AMGRF. It is leaving FSU when the last of the items are sent.
- ✓ There is no need to change its mission or organizational structure.
- ✓ The Antarctic Marine Geology Research Facility is funded entirely from federal sources. These resources will continue through the move of materials.
- ✓ No change in classification is needed.
- ✓ Retain active status. Review in Summer 2017 for probable change in status.

Questions for Centers and Institutes (C/I) Review

Mission and C/I activities

1. Please provide contact information, both for management and for budget information.

Name of Center or Institute: FSU Project Management Center

Address: 3100 University Center; Building C; Tallahassee, FL; 32306-2664

Phone: (850) 644-5034

Director: John DuBard, Ph.D.

Director e-mail address: John.Dubard@fsu.edu

Phone: (850) 644-5034

Budget and funding contact: Gary Heald, Ph.D. (Director, School of Communication)

Contact e-mail address: gheald@fsu.edu

Phone: (850) 644-8752

Web Link:

<http://comm.cci.fsu.edu/admissions/graduate-programs/project-management-center/>

If multidisciplinary, please list departments associated with C/I: Not multidisciplinary.

2. What is the Center's or Institute's mission statement?

The mission of the FSU Project Management Center is to promote the study and practice of project management as a discipline. The Center focuses on research, scholarship, and professional development activities that are of immediate interest and value to practicing and/or future project managers.

3. Briefly, what activities are consistently performed that move the C/I toward meeting its established mission? This section should also include activities related to meeting the State Board of Governor's mission. The State Board of Governors mission includes the following:

- a. Strengthen Quality & Reputation of Academic Programs and Universities
- b. Increase Degree Productivity and Program Efficiency
- c. Increase the Number of Degrees Awarded in STEM and Other Areas of Strategic Emphasis
- d. Strengthen Quality and Reputation of Scholarship, Research and Innovation
- e. Increase Research and Commercialization Activity
- f. Increase Collaboration and External Support for Research Activity

- g. Strengthen Quality and Recognition of Commitment to Community and Business Engagement
- h. Increase Levels of Community and Business Engagement
- i. Increase Community and Business Workforce

Center's Key Activities (with mappings to the above State Board of Governors mission activities in parenthesis):

- a. The Center actively manages the School of Communication's Graduate Certificate program in Project Management
(1, 2, 3, 4, 9)
- b. The Center's faculty is engaged in instructing project management related academic courses
(1, 2, 3, 4, 9)
- c. The Center's faculty is engaged in developing/presenting project management workshops for community and business audiences
(4, 5, 6, 7, 8, 9)
- d. The Center's faculty is engaged in conducting research related to project management.
(4, 5, 6)
- e. The Center's faculty is engaged, both locally and nationally, in performing service to the project management profession, and related organizations such as the Project Management Institute (PMI), the world's leading not-for-profit professional membership association for the project, program, and portfolio management profession.
(7, 8, 9)

4. *Overall Status*

- **What is the Center or Institute best known for?** The Center is best known for managing the School of Communication's 12 credit-hour Graduate Certificate program in Project Management (PM). The certificate program requires completion of two required and two elective courses. Some students take the courses "Introduction to Project Management" and "Agile Project Management" as prep for taking the Project Management Professional (PMP) and Project Management Institute - Agile Certified Practitioner (PMI-ACP) certification exams. These two courses are listed under the school of Communication's PMI Registered Education Provider (REP) Program and fulfill the education requirements for sitting for these two certification exams.

Most of the PM certificate-qualifying courses are available as both traditional and online classroom options. Over 140 completed certificates have been awarded since the program's founding. Many certificate program students have gone on to

become certified project managers and/or entered the project management profession. The rate of awarded certificates consistently increased between 2007 and 2016. Currently, 25 certificates are projected for award during the 2015-2016 academic year, up from previous years.

The certificate courses are increasingly attracting a wider audience of FSU students. Of the 31 graduate students registered for the current summer 2016 “Introduction to Project Management” course, 8 of 31 students are Communication School students. The 23 other students are registered in a variety of degree programs, including public administration, law, information technology, computer science, engineering, chemistry, and architecture. This student degree program background information indicates the wide appeal of the Graduate Certificate Program and how it is increasingly serving an important interdisciplinary role campus wide for students interested in project management, and providing support for students from several STEM academic degree programs.

Finally, while communication is an essential element of project management and one of PMI’s 10 defined knowledge areas, FSU is the only American university with a project management center and graduate certificate program administered by a School of Communication.

- **What is the greatest strength of the Center or Institute?** The greatest strength of the Center is the extensive practical experience value-add provided to project management course instruction by the Center’s experienced and PMP-certified faculty. Project management teaching faculty members typically bring over 15 years of project management practice to each course. Courses focus on the operational aspects needed for successful project management. On course evaluations, students have consistently responded that the practical focus of the certificate courses helped orient students on project management career opportunities and provided skill sets in demand in the professional workplace. Numerous students have advised us that the listing of our project management certificate on their resume helped obtain a job.
- **What are the most significant challenges facing the Center or Institute?** The most significant challenges facing the Center relate to generating additional operational funds from service contracts, grants, donations, etc. Considerable opportunity exists for growing the Center’s activities. However, the Center’s .5 (or less) FTE assignment presents significant resource allocation challenges.

Funding –

Please provide the source and amount of expenditures from 2009-2010 to 2014-2015, using the following categories. Please round to the nearest dollar.

The Project Management Center's course instruction and administrative costs are included in the School of Communication's 9-month and summer E&G and online budgets.

Expenditures	2010-2011	2013-2014	2014-2015
University (E&G)	\$0	\$0	\$0
State (General Revenue Other than E&G)			
State (C&G or other funds)			
Federal (C&G)			
Local (C&G)			
Private / nonprofit organization			
Endowment proceeds			
Proceeds from patents or royalties			
Sales from services or products			
Others (specify)			
Total expenditures	\$0	\$0	\$0

Endowment Information

Is the C/I supported in whole or in part by proceeds from an endowment? No

If so:

- What is the amount of the endowment? N/A
- Where is the endowment managed? N/A
- Does the C/I spend only interest earnings? N/A
- Does the C/I spend part of the capital of the endowment? N/A

Contract and Grant Information

	2010-2011	2013-2014	2014-2015
Number of proposals submitted	0	0	0
Number of proposals funded	0	0	0
Proposals Made Jointly with Individuals not Directly associated with the Center / Institute	0	0	0
Total dollar amount of awards	0	0	0

- Are any of the contracts or grants multi-year? No
- How many years does the Center or Institute have left on any current contract or grant? 0
- Have any contracts or grants been renewed during this reporting period?
If yes, how many? No

Other Center or Institute Activities

- Have any patents or royalties been generated? No.
If so, please describe. N/A
- Has the Center or Institute applied for a patent that has not yet been granted? No.
If so, please describe. N/A

Comments or additional information: None.

Employment --

University Positions associated with your C/I

	2010-2011	2013-2014	2014-2015
Number of Faculty (FTE)	0	0	0
Number of A&P and USPS positions (FTE)	0	0	0
Total Positions	0	0	0

Student Employment (include graduate and undergraduate)

	2010-2011	2013-2014	2014-2015
Number of research assistants	0	0	0

employed (FTE)			
Number of teaching assistants employed (FTE)	0	0	0
Number of interns (with stipend or OPS)	0	0	0
Number of interns (without pay)	0	0	0
Total student positions	0	0	0

Other Student Financial Benefits (include graduate and undergraduate)

	2010-2011	2010-2011	2013-2014	2013-2014	2014-2015	2014-2015
	Number	\$ Amount	Number	\$ Amount	Number	\$ Amount
Out of state tuition waivers	0	\$0	0	\$0	0	\$0
Student fellowships	0	\$0	0	\$0	0	\$0
Scholarships	0	\$0	0	\$0	0	\$0
Post-doctoral support	0	\$0	0	\$0	0	\$0
Amount of student travel support	0	\$0	0	\$0	0	\$0
Amount of registration for student conference attendance	0	\$0	0	\$0	0	\$0
Other support (specify)	0	\$0	0	\$0	0	\$0

Comments or additional information: The Center currently is reviewing new funding strategies for partnering with other FSU and private sector entities that, if successful, could positively

impact future faculty/student publications, consulting, technical assistance, and conferences/symposia outcomes.

Research and Extension --

Note: Web-delivered and CD Rom publications are to be counted in these totals.

Publications (in Refereed Journals, Peer-Reviewed Books or Peer-Reviewed Chapters)

Do not include those credited to the faculty member's primary academic department that are unrelated to the C/I mission.

	2010-2011	2013-2014	2014-2015
Number of faculty publications	0	0	0
Number of student publications	0	0	0
Number of publications authored jointly with other faculty at FSU	0	0	0
Number of publications authored jointly with students in the C/I	0	0	0
Number of publications authored jointly with faculty at locations other than FSU	0	0	0

Please have a list of relevant publications available if requested.

Other Publications and Conference Papers

	2010-2011	2013-2014	2014-2015
Number of extension or	0	0	0

outreach publications			
Number of national conference papers submitted	0	0	0
Number of national conference papers accepted	0	0	0
Date, Conference and Name of presentation(s)	0	0	0
Number of regional conference papers submitted	0	0	0
Number of regional conference papers accepted	0	0	0
Date, Conference and Name of presentation(s)	0	0	0

Annual Report

Does the Center or Institute produce an annual report? No.

If so, please have copies available or provide the web link.

Student Publications

	2010-2011	2013-2014	2014-2015
Number of student theses	0	0	0

credited to or associated with the C/I			
Number of dissertations	0	0	0
Number of any other student papers	0	0	0

Professional Development and Assistance

Consulting

	2010-2011	2013-2014	2014-2015
Number of consulting contracts	0	0	0
Name of consulting recipient(s)	N/A	N/A	N/A
Consulting Subject or Topic	N/A	N/A	N/A
Amount of funding provided through general funds of the C/I	N/A	N/A	N/A
Amount of funding obtained through contract in addition to general C/I funds	N/A	N/A	N/A

Technical Assistance

	2010-2011	2013-2014	2014-2015
Number of technical assistance sessions or seminars offered	0	0	0
Name of technical assistance recipient(s)	N/A	N/A	N/A
Technical Assistance Subject or Topic	N/A	N/A	N/A
Amount of Funding	N/A	N/A	N/A

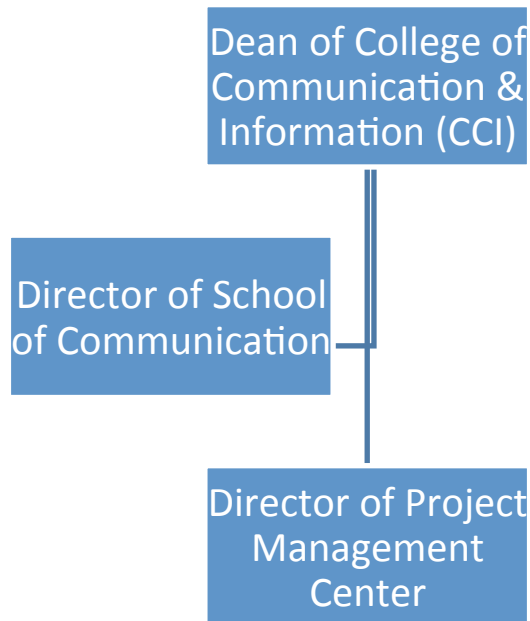
Conferences or Symposia

- How many conferences or symposia has the Center or Institute sponsored or hosted during this reporting period. 0.
Please list. N/A

Comments or additional information: The Center currently is reviewing new funding strategies for partnering with other FSU and private sector entities that, if successful, could positively impact future faculty/student publications, consulting, technical assistance, and conferences/symposia outcomes.

Management

- Please provide an organizational chart.



- Is the Center or Institute legislatively created? No
- Does the Center or Institute have an advisory board? No
How often are meetings held? N/A
Does the board manage the C/I or does it serve in an advisory capacity? N/A
Please describe and include a list of current members. N/A
- How long has the director served? Since 2007.
- How does the directorship change hands? At the discretion of the School of Communication Director and with the approval of CCI's Dean.
- Are there any issues associated with management transition? No
- If there are multiple sites, how are they administered? N/A
Who has final oversight? The Center's director reports to the School of Communication

Director who reports to the Dean of the College of Communication and Information (CCI).

Comments or additional information: None.

Additional Issues

Issues facing the Center or Institute

The most significant issues facing the Center are related to how to generate additional operational student in-state and Market Rate enrollments, and the non E&G and Market Rate funds to support augmented Center activities.

Overall Evaluation

- ✓ The Project Management Center is meeting its mission of promoting the study and practice of project management as a discipline. It does this primarily through the operation and oversight of FSU's Graduate Certificate in Project Management. In addition, research in the field is done, workshops are held for community and business audiences and the faculty is engaged with other project management professionals.
- ✓ There is no E&G funding; no calculation of ROI is necessary.
- ✓ The necessary activities associated with the Center are being accomplished.
- ✓ The activities that support the Project Management discipline at FSU are currently being funded directly from the School of Communication. Hence, the Center's activities are present but no direct funding flows into the Project Management Center. The Director is aware of this and is actively working to attract additional funding which will be dedicated to the Center itself. It is expected additional funding will augment current activities.
- ✓ No change in classification is recommended.
- ✓ Retain active status. It will be easier to obtain additional funding under the auspices of an active Center.

Questions for Centers and Institutes (C/I) Review

Mission and C/I activities

1. Please provide contact information, both for management and for budget information.

Name of Center or Institute: Tallahassee Memorial Healthcare (TMH) Center for Research and Evidence Based Practice

Address: 104K Vivian Duxbury Hall, College of Nursing (CON)

Phone: 850-644-5360

Director: Eileen Cormier

Director e-mail address: ecormier@fsu.edu

Phone: 850-644-5360

Budget and funding contact:

Contact e-mail address: N/A

Phone:

Web Link:

If multidisciplinary, please list departments associated with C/I:

N/A

2. What is the Center's or Institute's mission statement?

1. Collaborate with the TMH nursing staff in their efforts to improve nursing practice.
2. Promote interdisciplinary collaborative research efforts to institute best practices in health care based on evidence.
3. Enhance undergraduate, masters and doctoral level student learning with regards to evidence-based practice and nursing research.

3. Briefly, what activities are consistently performed that move the C/I toward meeting its established mission? This section should also include activities related to meeting the State Board of Governor's mission. The State Board of Governors mission includes the following:

- a. Strengthen Quality & Reputation of Academic Programs and Universities
- b. Increase Degree Productivity and Program Efficiency
- c. Increase the Number of Degrees Awarded in STEM and Other Areas of Strategic Emphasis
- d. Strengthen Quality and Reputation of Scholarship, Research and Innovation

- e. Increase Research and Commercialization Activity
- f. Increase Collaboration and External Support for Research Activity
- g. Strengthen Quality and Recognition of Commitment to Community and Business Engagement
- h. Increase Levels of Community and Business Engagement
- i. Increase Community and Business Workforce

Activities:

- a. The Director of the Center (Associate Dean for Research) provides administrative oversight and supervises the Center staff (i.e., statistician) and works with the TMH Nurse Scientist to facilitate collaborative research across the university and with our clinical partners.
- b. The Director of the Center (Associate Dean for Research) provides leadership, mentoring and administrative support to College of Nursing faculty in developing and implementing their programs of research and seeking internal/external funding.
- c. The TMH Nurse Scientist provides consultation and guidance to advanced practice nurses and nursing staff to integrate evidence based knowledge and science into nursing practice at TMH, with the goal of optimizing patient and family centered care.
- d. The statistician provides statistical consultation and guidance to faculty and doctoral students in data analysis planning, data set management, and interpretation of research findings, and collaborates with nurse researchers in interdisciplinary translational research initiatives.

4. Overall Status

- What is the Center or Institute best known for?

Academic-practice collaboration with TMH.

- What is the greatest strength of the Center or Institute?

The Center supports and facilitates interdisciplinary collaborative research among CON faculty, students and other faculty from across the university and with our clinical partners.

- What are the most significant challenges facing the Center or Institute?

Need to increase funding through external research grant applications that involve interdisciplinary collaborations with TMH and other university units.

Funding –

Please provide the source and amount of expenditures from 2009-2010 to 2014-2015, using the following categories. Please round to the nearest dollar.

N/A

Expenditures	2010-2011	2013-2014	2014-2015
University (E&G)	N/A	\$265, 294.79	\$375, 259.31
State (General Revenue Other than E&G)	N/A	0	0
State (C&G or other funds)	N/A	0	0
Federal (C&G)	N/A	0	0
Local (C&G)	N/A	0	0
Private / nonprofit organization	N/A	0*	0*
Endowment proceeds	N/A	0	0
Proceeds from patents or royalties	N/A	0	0
Sales from services or products	N/A	0	0
Other: Tal	N/A	0	0
	N/A	0	0
Total expenditures	N/A	\$265, 294.79	\$375, 259.31

* The Center receives \$20,000 from TMH annually and is permitted to spend a small amount (interest from the account) to support operations but to date, these funds have not been spent.

Endowment Information

Is the C/I supported in whole or in part by proceeds from an endowment?

Yes.

If so:

- What is the amount of the endowment?

20,000 annually over 5 years (2012-2017) for a total of \$100,000

- Where is the endowment managed?

FSU Foundation

- Does the C/I spend only interest earnings?

We are permitted to spend interest earnings but to date these funds have not been spent.

- Does the C/I spend part of the capital of the endowment?

No.

Contract and Grant Information

	2010-2011	2013-2014	2014-2015
Number of proposals submitted	N/A	2	7
Number of proposals funded	N/A	2	7
Proposals Made Jointly with Individuals not Directly associated with the Center / Institute	N/A	0	0
Total dollar amount of awards	N/A	\$15,000	\$90, 805

- Are any of the contracts or grants multi-year?

No multi-year contracts or grants.

- How many years does the Center or Institute have left on any current contract or grant?

Cara Papas is a consultant on a FSU Center for Research and Creativity (CRC) Planning Grant that is funded until 11/30/2016.

- Have any contracts or grants been renewed during this reporting period? If yes, how many?

N/A

Other Center or Institute Activities N/A

- Have any patents or royalties been generated? If so, please describe.

No patents or royalties

- Has the Center or Institute applied for a patent that has not yet been granted? If so, please describe.

No.

Comments or additional information: _____

Employment --

University Positions associated with your C/I N/A

	2010-2011	2013-2014	2014-2015
Number of Faculty (FTE)	N/A	3.4*	4.7*
Number of A&P and USPS positions (FTE)	N/A	0	0
Total Positions	N/A	3.4	4.7

* FTEs are based on % Research associated with faculty Assignments of Responsibility (AORs), statistician and Director.

Student Employment (include graduate and undergraduate) N/A

	2010-2011	2013-2014	2014-2015
Number of research assistants employed (FTE)	N/A	0.5	0.9
Number of teaching assistants employed (FTE)	N/A	0	0
Number of interns (with stipend or OPS)	N/A	0	0
Number of interns (without pay)	N/A	0	0
Total student positions	N/A	0.5	0.9

Other Student Financial Benefits (include graduate and undergraduate)

	2010-2011	2010-2011	2013-2014	2013-2014	2014-2015	2014-2015
	Number	\$ Amount	Number	\$ Amount	Number	\$ Amount
Out of state tuition waivers	N/A	N/A	0	0	0	0
Student fellowships	N/A	N/A	0	0	0	0
Scholarships	N/A	N/A	0	0	0	0
Post-doctoral support	N/A	N/A	0	0	0	0
Amount of student travel support	N/A	N/A	0	0	0	0
Amount of registration for student conference attendance	N/A	0	0	0	0	0
Other support (specify) In-state tuition waiver	N/A	0	1	\$7, 263.18	1	\$7, 263.18
	N/A	0	0	0	0	

Comments or additional information: _____

Research and Extension --

Note: Web-delivered and CD Rom publications are to be counted in these totals.

Publications (in Refereed Journals, Peer-Reviewed Books or Peer-Reviewed Chapters)

Do not include those credited to the faculty member's primary academic department that are unrelated to the C/I mission.

	2010-2011	2013-2014	2014-2015
Number of faculty publications	N/A	18	21

Number of student publications	N/A	1	1
Number of publications authored jointly with other faculty at FSU	N/A	7	9
Number of publications authored jointly with students in the C/I	N/A	0	0
Number of publications authored jointly with faculty at locations other than FSU	N/A	6	8

Please have a list of relevant publications available if requested.

Other Publications and Conference Papers

	2010-2011	2013-2014	2014-2015
Number of extension or outreach publications	0	0	0
Number of <u>national</u> conference papers submitted	0	19*	29*
Number of <u>national</u> conference papers accepted	0	19*	29*
Date, Conference and Name of	0	Available upon request	Available upon request

presentation(s)			
Number of <u>regional</u> conference papers submitted	0	7**	8**
Number of <u>regional</u> conference papers accepted	0	7**	8**
Date, Conference and Name of presentation(s)	0	Available upon request	Available upon request

* Includes international presentations

** Includes local presentations

Annual Report

Does the Center or Institute produce an annual report? If so, please have copies available or provide the web link.

Annual reports for the Center are available in Appendix C. Research collaborations with TMH and TMH Nurse Scientist activities are reported.

Student Publications N/A

	2010-2011	2013-2014	2014-2015
Number of student theses credited to or associated with the C/I	N/A	0	0
Number of dissertations	N/A	0	0
Number of any other student papers	N/A	0	0

Professional Development and Assistance

Consulting N/A

	2010-2011	2013-2014	2014-2015
Number of consulting contracts	N/A	0	0
Name of consulting recipient(s)	N/A	0	0
Consulting Subject or Topic	N/A	0	0
Amount of funding provided through general funds of the C/I	N/A	0	0
Amount of funding obtained through contract in addition to general C/I funds	N/A	0	0

Technical Assistance N/A

	2010-2011	2013-2014	2014-2015
Number of technical assistance sessions or seminars offered	N/A	0	0
Name of technical assistance recipient(s)	N/A	0	0
Technical Assistance Subject or Topic	N/A	0	0
Amount of Funding	N/A	0	0

Conferences or Symposia N/A

- How many conferences or symposia has the Center or Institute sponsored or hosted during this reporting period. Please list.

Comments or additional information: _None_____

Management

- Please provide an organizational chart.

Organizational Chart



- Is the Center or Institute legislatively created?

No.

- Does the Center or Institute have an advisory board? How often are meetings held?

N/A

- Does the board manage the C/I or does it serve in an advisory capacity? Please describe and include a list of current members.

N/A

- How long has the director served?

1 year, 5 months (appointed February, 2015)

- How does the directorship change hands?

The Director is appointed by the Dean of the CON.

- Are there any issues associated with management transition?

No.

- If there are multiple sites, how are they administered? Who has final oversight?

N/A

Comments or additional information: _____

Additional Issues

None

Overall Evaluation

- ✓ Tallahassee Memorial Healthcare (TMH) Center for Research and Evidence Based Practice is engaged in activities consistent with its mission. Its mission is to collaborate with TMH nursing staff in their efforts to improve nursing practice, promote interdisciplinary collaborative research and strengthen nursing students' learning about evidence based practice. Through meetings with TMH nursing staff and advanced practice nurses, the Nurse Scientist housed at FSU offers guidance and consultation on a variety of topics. The Center Director provides support and encourages nursing professors to create interdisciplinary approaches to research proposals and the Nurse Scientist provides assistance to faculty and doctoral students in data analysis planning, data set management and interpretation of research findings.
- ✓ All expenditures are from E&G. No ROI is available.
- ✓ The TMH Center for Research and Evidence Based Practice is new, about one and a half years old. It has already demonstrated its ability to support research, as evidenced by journal articles and conference presentations at the local, state, national and international levels. It carries a strong research component, which is likely to lead to increasing collaboration between researchers and practice in the field.
- ✓ The TMH Center is currently funded through E&G. The Tallahassee Memorial Healthcare Center is donating \$20,00 per year for 5 years toward this effort. As this

effort is just beginning, interest earnings have been small and no expenditures have been made to date. There is strong support for research proposals, which seems likely to provide a fairly constant source of funding in the future.

- ✓ No change in classification is recommended.
- ✓ Retain active status.

Questions for Centers and Institutes (C/I) Review

FSU Institute for Intercultural Communication and Research

Mission and C/I activities

1. *Please provide contact information, both for management and for budget information.*

Name of Center or Institute:

Institute for Intercultural Communication and Research

Address:

Center for Global and Multicultural Engagement
Florida State University

Phone:

850-644-3050 (Cindy Green)
850-644-2276 (Stephen McDowell)

Director:

Co-Director e-mail address: cgreen2@admin.fsu.edu
Phone: 850-644-3050

Co-Director e-mail address: steve.mcdowell@cci.fsu.edu
Phone: 850-644-2276

Budget and funding contact:

Contact e-mail address: cgreen2@admins.fsu.edu
Phone: 850-644-3050

Web Link:

If multidisciplinary, please list departments associated with C/I:

FSU Center for Global Engagement
FSU School of Communication

2. What is the Center's or Institute's mission statement?

The Institute for Intercultural Communication and Research (IICR) is a collaborative effort between the Center for Global Engagement, The School of Communication and between Student Affairs and Academic Affairs at the Florida State University. The IICR coordinates services and educational/training activities that enhance existing and emerging efforts to expand campus wide internationalization efforts. The IICR will also coordinate research and assessment projects, in collaboration with faculty and staff, to measure the success of various programs in developing intercultural competencies in students in efforts to develop a more interculturally competent campus.

3. Briefly, what activities are consistently performed that move the C/I toward meeting its established mission? This section should also include activities related to meeting the State Board of Governor's mission. The State Board of Governors mission includes the following:

a. Strengthen Quality & Reputation of Academic Programs and Universities

Enhance the academic programs through initiating and managing the Global Pathways/ Global Citizen Certificate.

b. Increase Degree Productivity and Program Efficiency

c. Increase the Number of Degrees Awarded in STEM and Other Areas of Strategic Emphasis

The Florida Board of Governors' 2014 listing of "Areas Strategic Emphasis" includes "Global" as one of the priority areas. This includes a wide number of majors connected to enhance intercultural and international competency. http://www.flbog.edu/pressroom/strategic_emphasis/

These areas of strategic emphasis are also included in the State of Florida Board of Governors' Performance Metrics:

http://www.flbog.edu/pressroom/_doc/2025_System_Strategic_Plan_Amended_FINAL.pdf

16 & 18. Bachelor's and Graduate Degrees in Programs of Strategic Emphasis

RATIONALE: This metric is designed to promote the alignment of the State University System degree program offerings and the economic development and workforce needs of the State. The Board of Governors maintains a list of Programs of Strategic Emphasis that were revised in November 2013. This list is comprised of the following four areas: STEM, Health, Education, Global and Gap Analysis. The list of Programs of Strategic Emphasis applies to both bachelor's and graduate degrees.

The Institute's activities support students and faculty in these "global" degree programs.

d. Strengthen Quality and Reputation of Scholarship, Research and Innovation

The Institute supports building research activities and research quality in intercultural communication and international communication studies (see attachment IICR Activities 2010-2015).

e. Increase Research and Commercialization Activity

f. Increase Collaboration and External Support for Research Activity

The leadership group in the IICR has sought and received external research grants for program activities (IIE visiting scholars) as well as external funding for special academic programs.

g. Strengthen Quality and Recognition of Commitment to Community and Business Engagement

h. Increase Levels of Community and Business Engagement

i. Increase Community and Business Workforce

Activities:

The Institute proposal in 2009 included four proposed areas for activities. The detailed list of activities in each of these areas is in the attachment “IICR Activities 2010-2015”

A. Education and Training

Includes Global Pathways/ Global Citizenship Certificate, new courses, presentations and guest speakers, and special academic programs.

B. Curriculum Internationalization and Development:

Includes visiting scholar workshops/programs, and individual visiting scholars.

C. Research and Assessment

Includes publications, conference papers, Master’s theses, Doctoral dissertations, and undergraduate research projects.

D. Resources and Outreach:

Includes intercultural training, Global Partner program, outreach presentations, Global Citizen Award, Global Ambassadors program, international graduate assistant program (Summer 2016).

4. Overall Status

- What is the Center or Institute best known for?

The IICR is best known for hosting guest speakers, for leadership in initiating, managing and revising the Global Pathways/Global Citizenship Certificate, and for workshops to enhance intercultural communication for faculty, students, and staff across the university.

- What is the greatest strength of the Center or Institute?

The ICCR addresses an important need in higher education and in the broader society and economy. It prepares students, faculty and staff for the competencies that will be needed and make them more effective in a range of settings.

- What are the most significant challenges facing the Center or Institute?

The most pressing need is for more staff and faculty time to meet the opportunity and demand for these programs and services, as well as to pursue new programing and research ideas, as well as external grant opportunities.

Funding –

Please provide the source and amount of expenditures from 2009-2010 to 2014-2015, using the following categories. Please round to the nearest dollar.

Expenditures	2010-2011	2013-2014	2014-2015
University (E&G)	0	0	0
State (General Revenue Other than E&G)	0	0	0
State (C&G or other funds)	0	0	0
Federal (C&G)	\$161,000	0	0
Local (C&G)	0	0	0
Private / nonprofit organization	0	\$2,000	0
Endowment proceeds	0	0	0
Proceeds from patents or royalties	0	0	0
Sales from services or products	0	0	0
Others (specify)	0	0	0
Total expenditures	\$161,000	\$2,000	0

Note: The Fulbright 2010 program and the Fulbright 2011 program accounts were placed in the Center for Global Engagement and the School of Communication.

The Center for Global Engagement has provided significant in-kind staff support.

The John H. Phipps Endowed Chair in Communication has also provided support for speakers and events.

Endowment Information

Is the C/I supported in whole or in part by proceeds from an endowment?

There is no endowment support.

If so:

- What is the amount of the endowment?
- Where is the endowment managed?
- Does the C/I spend only interest earnings?
- Does the C/I spend part of the capital of the endowment?

Contract and Grant Information

	2010-2011	2013-2014	2014-2015
Number of proposals submitted	2	0	1
Number of proposals funded	2	0	0
Proposals Made Jointly with Individuals not Directly associated with the Center / Institute	0	0	0
Total dollar amount of awards	\$160,000	0	0

- Are any of the contracts or grants multi-year?

There have been two major contracts:

IICR, FSU Center for Global Engagement and the School of Communication, secured grant from the Council for the International Exchange of Scholars, Fulbright Commission, to host ten visiting scholars from Iraq at FSU from June to September 2011 (\$105,000).

IICR, FSU Center for Global Engagement and the School of Communication, secured from the Council for the International Exchange of Scholars, Fulbright Commission, to host five visiting scholars from Iraq, July 24 to September 2010 (\$55,000).

Support was also received for the United State Institute of Peace for the Global Peacebuilding series for Fall 2013. (\$2,000)

We received honoraria of \$500 each for two IREX scholars, Alexander Vnitskikh (Spring 2011), and Volodymyr Manakin (Fall 2010).

- How many years does the Center or Institute have left on any current contract or grant?

None.

- Have any contracts or grants been renewed during this reporting period? If yes, how many?

None

Other Center or Institute Activities

- Have any patents or royalties been generated? If so, please describe.

There are no patents or royalties.

- Has the Center or Institute applied for a patent that has not yet been granted? If so, please describe.

There are no patents pending.

Comments or additional information: _____

Employment --

University Positions associated with your C/I

	2010-2011	2013-2014	2014-2015
Number of Faculty (FTE)	0	0	0*
Number of A&P and USPS positions (FTE)	0	0	0
Total Positions	0	0	0*

*The John H. Phipps Endowed Chair in Communication has provided support for speakers and events.

Student Employment (include graduate and undergraduate)

	2010-2011	2013-2014	2014-2015
Number of research assistants employed (FTE)	2	0	0
Number of teaching assistants employed (FTE)	0	0	0
Number of interns (with stipend or OPS)	0	0	0
Number of interns (without pay)	0	0	0
Total student positions	2	0	0

Other Student Financial Benefits (include graduate and undergraduate)

	2010-2011	2010-2011	2013-2014	2013-2014	2014-2015	2014-2015
	Number	\$ Amount	Number	\$ Amount	Number	\$ Amount
Out of state tuition waivers	0	0	0	0	0	0
Student fellowships	0	0	0	0	0	0
Scholarships	0	0	0	0	0	0
Post-doctoral support	0	0	0	0	0	0
Amount of student travel support	0	0	0	0	0	0
Amount of registration for student conference attendance	0	0	0	0	0	0
Other support (specify)	0	0	0	0	0	0

Comments or additional information: _____

Research and Extension --

Note: Web-delivered and CD Rom publications are to be counted in these totals.

Publications (in Refereed Journals, Peer-Reviewed Books or Peer-Reviewed Chapters)

Do not include those credited to the faculty member's primary academic department that are unrelated to the C/I mission.

	2010-2011	2013-2014	2014-2015
Number of faculty publications	1	1	1
Number of student publications	0	0	0
Number of publications authored jointly with other faculty at FSU	0	0	0
Number of publications authored jointly with students in the C/I	0	0	0
Number of publications authored jointly with faculty at locations other than FSU	0	0	0

Please have a list of relevant publications available if requested.

Other Publications and Conference Papers

	2010-2011	2013-2014	2014-2015
Number of extension or outreach publications	0	0	0
Number of <u>national</u> conference papers	13	6	1

submitted			
Number of <u>national</u> conference papers accepted	13	6	1
Date, Conference and Name of presentation(s)	Available upon request	Available upon request	Available upon request
Number of <u>regional</u> conference papers submitted	0	0	0
Number of <u>regional</u> conference papers accepted	0	0	0
Date, Conference and Name of presentation(s)	0	0	0

Annual Report

Does the Center or Institute produce an annual report? If so, please have copies available or provide the web link.

The IICR has not prepared annual reports.

Student Publications

	2010-2011	2013-2014	2014-2015
Number of student theses credited to or associated with the C/I	4	2	0
Number of dissertations	1	2	2

Number of any other student papers	0	6	10
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Professional Development and Assistance

Consulting

None

	2010-2011	2013-2014	2014-2015
Number of consulting contracts	0	0	0
Name of consulting recipient(s)	0	0	0
Consulting Subject or Topic	0	0	0
Amount of funding provided through general funds of the C/I	0	0	0
Amount of funding obtained through contract in addition to general C/I funds	0	0	0

Technical Assistance

None

	2010-2011	2013-2014	2014-2015
Number of technical assistance sessions or seminars offered	0	0	0
Name of technical assistance recipient(s)	0	0	0
Technical Assistance Subject or Topic	0	0	0
Amount of Funding	0	0	0

Conferences or Symposia

- How many conferences or symposia has the Center or Institute sponsored or hosted during this reporting period. Please list.

At least 14 guest speakers were supported from 2010-2015 (detailed information available upon request)

The ICCR assisted in supporting the South Asian Media and Cultural Studies conference in January 2015 (as well as the conference in January 2016).

Comments or additional information: _____

Management

- Please provide an organizational chart

There are no staff, and so the co-directors are the core members.

- Is the Center or Institute legislatively created?

No

- Does the Center or Institute have an advisory board? How often are meetings held?

The ICCR began with a steering committee, but this group has not been active in recent years.

The original steering committee included the following persons, many of whom have left FSU. We are working to re-populate the steering committee in Summer 2016 and expand our network of research and program collaboration.

2009 Steering Committee:

Dr. Steve McDowell Co-Director

Dr. Cindy Green Co-Director

Michelle Ceci (Int'l Programs, program assessment)

Dr. Felicia Jordan-Jackson (Faculty Resources/Research/Curriculum)

Dr. Cadence Kidwell (Faculty Resources/Education/Curriculum) (not at FSU)
Dr. Laura Dobson (Program Assessment) (not at FSU)
Aleks Nesic (Training/Resources and Outreach/Program Assessment/Fundraising) (not at FSU)
Dr. Anchalee Ngampornchai (Research/Program Assessment/Fundraising) (not at FSU)

- Does the board manage the C/I or does it serve in an advisory capacity? Please describe and include a list of current members.

The co-directors have led and managed IICR programs in recent years, working directly on projects and with students.

- How long has the director served?

The co-directors have served for seven years, since 2009.

- How does the directorship change hands?

This is a volunteer position, and could change with the initiative of either co-director.

- Are there any issues associated with management transition?

With additional resources, we would like to build more active programs, and identify new advisory board members.

- If there are multiple sites, how are they administered? Who has final oversight?

The only site is at FSU Tallahassee campus.

Comments or additional information: _____

Additional Issues

Issues facing the Center or Institute

We have many project ideas in addition to the ongoing activities, but need more staff time in order to undertake these projects. As noted above, this will also allow us to seek outside resources. We are also planning to reach out to new faculty in Summer 2016 to build our network or research collaboration on campus.

Overall Evaluation

- ✓ The Institute for Intercultural Communication and Research (IICR) is meeting its mission through its interdisciplinary work in coordinating services and educational efforts that enhance campus-wide internationalization efforts. It administers the Global Citizenship Certificate on campus, sponsors visiting scholars, produces research and conference papers. In addition, several masters theses and doctoral dissertations are credited to the Institute, and free intercultural training is available upon request. There is no cost for the training.
- ✓ The IICR has no E&G funding; an ROI calculation is not applicable.
- ✓ The Institute should remain. It is a very active organization, with major activities being hosting guest speakers, leadership in initiating, managing and revising the Global Pathways/Global Citizenship Certificate, and workshops to enhance intercultural communication for faculty, students, and staff across the university. The research done through the efforts of the Center has resulted in faculty publications, masters theses and doctoral dissertations.
- ✓ IICR is funded largely through volunteer efforts and in-kind contributions. It is a joint effort of the College of Communication and Information and the FSU Center for Global Engagement. There are additional project ideas, as well as building on its current successful efforts, that could be accomplished with additional funding. This funding will be pursued in the future. In the meantime, plans are underway to reach out to new faculty to build its network and collaborative efforts.
- ✓ No change in classification is recommended.
- ✓ Retain active status.

Questions for Centers and Institutes (C/I) Review

Mission and C/I activities

1. Please provide contact information, both for management and for budget information.

Name of Center or Institute: Center for Hispanic Marketing Communication

Address: UCC 4120

Phone: (512) 645-8129

Director: Sindy Chapa

Director e-mail address: schapa@fsu.edu

Phone: (850) 645-8129

Budget and funding contact: Ellen Harman

Contact e-mail address: Ellen.Harman@cci.fsu.edu

Phone: 850-644-8105

Web Link: <http://hmc.comm.fsu.edu>

If multidisciplinary, please list departments associated with C/I:

2. What is the Center's or Institute's mission statement?

The vision is to create a global center of excellence in the education of professionals in the field of Hispanic Marketing Communication. The Center's specific mission is to generate knowledge to advance the understanding of theories and practices in marketing communication that can enrich the way we connect with Hispanic communities in the world.

3. Briefly, what activities are consistently performed that move the C/I toward meeting its established mission? This section should also include activities related to meeting the State Board of Governor's mission. The State Board of Governors mission includes the following:

- j. Academic Programs Offered by The Center for Hispanic Marketing Communication that Strengthen Quality & Reputation of Academic Programs at FSU

i. Minor in Hispanic Marketing Communication

Required Course: Hispanic Marketing Communication

Other Requirements: Business and Marketing Strategy/Behavioral Theory, Hispanic History and Culture, Modern Literature or Practical Language Application

- Students can only apply to the program in their junior or senior years

ii. Undergraduate Certificate in Multicultural Marketing Communication

Required Courses: Account Planning, Hispanic Marketing Communication, and Diffusion of Innovation, Multicultural Marketing Communication

- One of two new programs established in 2012.

iii. Graduate Certificate in Multicultural Marketing Communication

Required Courses: Account Planning, Hispanic Marketing Communication, and Diffusion of Innovation, Multicultural Marketing Communication

- Replaces a graduate concentration in Hispanic Marketing Communication in the Master of Integrated Marketing Communication Program

2. An **Advisory Board** that Increases the Degree Productivity and Program Efficiency financially, academically and administratively supports the Center for Hispanic Marketing Communication.

Purpose. The Board of Advisors is dedicated to supporting the Center for Hispanic Marketing Communication as it strives toward excellence and continuous improvement in its programs and initiatives. The primary role of the Board is to provide the Director with advice, ideas and resources regarding a variety of issues facing the Center. These issues include mission review, strategic planning, development and fundraising, faculty development, student recruitment and placement, new initiatives, and the environment affecting multicultural marketing education today.

Mission. The mission of the Board of Advisors is to provide leadership in bringing positive change in the Center for Hispanic Marketing Communication. To achieve this mission, the Board of Advisors:

- Assist the Center in defining and attaining its goals and strategic plans.
- Provide consultation to the Director, administration and faculty, serving as advocates for student needs and opinions.
- Assist in specific activities identified throughout the year to advance the program.
- Provide necessary financial support, either personal or company funded, to advance the program.
- Support an environment in which students are provided the opportunity to pursue their academic interests and career goals through the mentorship program.

- Facilitate the exchange of ideas, information and experiences among students and faculty and the Hispanic marketing community.
- Provide leadership experience and opportunities to improve the Center for Hispanic Marketing Communication and the University Community.

3. Increase the Number of Degrees Awarded in STEM and Other Areas of Strategic Emphasis

- The academic curriculum and research conducted at the Center for Hispanic Marketing Communication Increase the Number of Degrees Awarded in STEM and Other Areas of Strategic Emphasis.
- The Master in Integrated marketing communication with the certificate in Multicultural Marketing communication was the first of its kind in the US.
- Science and Technology are promoted through the courses and research
- The scholarship program supported by the Board of Advisors supports the underrepresentation of Hispanics in Science, Technology, and higher education.

4. Strengthen Quality and Reputation of Scholarship, Research and Innovation

Scholarships. The Center for HMC grants thousands of dollars in scholarships every year to students interested in the field of Hispanic Marketing Communication. These scholarships are announced every fall semester and are funded through our generous Advisory Board members.

The main objective of this service is providing the opportunity to explore more about the Hispanic Market in the U.S. for those students who demonstrate merit and financial need. In that way increase the number of students in our programs.

Our target audiences are the undergraduate and graduate students enrolled at Florida State University in the College of Communication and Information.

- Recently awarded scholarships include:
 - Emerson Climate Technologies Scholarship
 - Coca Cola Hispanic Marketing Scholarship
 - Google/Mark Lopez Scholarship
 - Latin American and Caribbean Program Scholarship
 - Pablo J. Lopez Memorial Scholarship

Courses offered by the Center for Hispanic Marketing Communication are designed to help students to develop their qualitative and quantitative research skills and gain valuable experience conducting research oriented to understand the Hispanic market. The Center also conducts a national multicultural survey on an annual basis. Staff, students and volunteers with the Center participate in the design of these surveys and to use the data collected to write research papers that are presented at national and regional conferences across the country.

❖ The research that have been developed and are currently being developed are:

- Use of accents in Advertising
- Moderators of the Relationship Between masculinity vs. Femininity and Individualism vs. Collectivism on BESC
- BESC in Millennial (under review by AAA)
- Cultural Incongruence in Advertising (dissertation)
- Impact of Language & Gender on Attitude Formation
- Information seeking behaviors and communication patterns of minority and English-as-second-language customers.
- Identification of factors that help (promote) or hinder (prevents) communication between people of different cultural or ethnical origins.
- Influence of Word of Mouth communication on Latino immigrant consumers.
- Understanding attitudes, media habits, and opinions about shopping-related topics of people of diverse backgrounds.
- How U.S. Hispanics search for health information
- Branding Opportunities in the Baby Care Industry with Hispanic Moms
- First generation Latino immigrants media consumption
- Malinchismo/Xenocentrism
- Group Reference as Influential player in the decision making
- Use of technology in online sales and promotions

5. **Increase Research and Commercialization Activity through an Internship Program and Community Engagement.** The Center for Hispanics Marketing Communication promotes a communication skills practice internship program, which was created to increase the graduate student's entrepreneurial experience and facilitate the mobility for Hispanic students in the job market. The idea is offer an opportunity for those students who want to apply skills in the areas of communication and marketing research at the Center and simultaneously gain a valuable experience in promoting and supporting new entrepreneurs or non-profits who want to reach the Hispanic market.
6. The Center for Hispanic Marketing Communication Advisory provides support to **Increase Collaboration and External Support for Research Activity** (e.g. in 2015

Wells-Fargo awarded a \$20,000 research grant to the Center to Study about Hispanic Millennials and their Career Choices). Members of the Advisory Board are representatives of the following companies:

- Coca-Cola
- Emerson Climate Technologies
- Netflix
- Univision
- Geoscape
- Wells Fargo
- State Farm
- Zuby Advertising
- Spanish Broadcasting System
- Vertical 3 Media
- Waltson Issacson
- Burson Marstellers
- MP3 Advertising

7. The Center offers a Mentorship program that **Strengthen Quality and Recognition of Commitment to Community and Business Engagement**

The Center for Hispanic Marketing Communication's Mentorship Program matches students interested in Hispanic and Multicultural Marketing with prestigious professionals from our Advisory Board and other industry friends and colleagues active in Hispanic and Multicultural Marketing.

The mentor becomes a contact for the 'mentee' and provides a realistic vision and exceptional wisdom in the field. Mentors can serve as great resources for those just starting out or close to entering the "real-work world". Mentees receive career advice, insider tips, and perspective from their appointed mentors.

8. Increase Levels of Community and Business Engagement. The Center for Hispanic Marketing Communication operates with the supports of a high level of prestigious community members. The Advisory Board and business partners of the Center support and facilitate the exchange of ideas, information and experiences among students and faculty, the Hispanic marketing community.

Advisory Board Members:

Geoff Godwin, VP Sales-White Rodgers – Emerson Climate Technologies
Felipe Korzenny, Founder and Emeritus Director Communication
Betty Ann Korzenny, Co-Founder and Senior Advisor
Juan José Nuñez, President & CEO - Vertical3 Media
Jorge Ortega, Executive Vice President / Managing Director – Burson-Marsteller
Mariela Ure, Senior Vice President Consumer Segments Strategy - Wells Fargo
Cesar Melgoza, CEO, Geoscape
Eduardo Perez, Former Vice President of Hispanic Strategies - PM3 Agency

Joe Zubi, Chief Operating Officer / Owner - Zubi Advertising
Javier Delgado, Director of Marketing - The Coca-Cola Company
Ed Blittschau, V.P. Marketing at Emerson Climate Technologies - White-Rodgers
Rochelle Newman Carrasco, Chief Hispanic Marketing Strategist -Walton Isaacson
Alberto Alfonso, Director of Media -Walton Isaacson
Mark Lopez, Executive Vice President - Univision Interactive Media
Leif Roll, Marketing Vice President – State Farm
Lourdes Garcia, Spanish Broadcasting System, Representative

Partnerships

ResearchNow Marketing
DimeMedia Company
HispanicAd Newsletter
Association for Latino Media and Marketing Association
International Journal of Spanish Language Media
Journal of Multicultural Marketing Strategy

9. The community outreach program at the Center help to **Increase Community and Business Workforce**

The main objective of this program is identify nonprofit organizations (NPOs) that want to effectively reach and provide assistance to the Hispanic Community and are having trouble doing so; help them by developing targeted, integrated Hispanic marketing communication campaigns tailored for the services each offers; aims to help better the lives of the men, women and children of underprivileged Hispanic communities through our efforts.

NOPs receive unique and rare expertise in reaching underserved Hispanics (free of charge). Most NOPs could not afford the level of expertise we offer given their limited budgets. Some of the benefits for the Center are the new relationships with community leaders, enhanced brand awareness, added prestige, earned media, a bigger voice in the community, plus all the other PR-related benefits that come with respected charitable work. Also, the students at the School of Communication gain valuable experience working with real clients, both in research and in designing and implementing marketing communication campaigns.

Example of Campaigns

- VITA – By United Way; Leon County in 2014
- Comunidad Esperanza, By Farmer to Farmer NOP - Guatemala in 2015
- Department of Justice, Washington DC in 2016

Activities:

- a. International Spanish Documentary Festival Puntos de Vista in 2014
- b. International Hispanic Marketing Conference in 2015

4. Overall Status

What is the Center or Institute best known for?

- The first Hispanic Marketing Research Center in the US.
- The first to offer a Certificate in Multicultural Marketing Communication in the US
- The first to offer the minor in Hispanic Marketing Communication

What is the greatest strength of the Center or Institute?

- The first of its kind. Leader in the US
- The Hispanic Marketing book written by Dr. Korzenny, founder and pioneer of the Center, is internationally recognized and used in the classroom other 19 Universities in the US.
- This Center has been review as an example for other similar programs at Florida International University, Texas Tech, Texas State University, and California State Fullerton.
- Respectable alumni in the Industry

What are the most significant challenges facing the Center or Institute?

- Lack of faculty and staff

Funding –

Please provide the source and amount of expenditures from 2009-2010 to 2014-2015, using the following categories. Please round to the nearest dollar.

Expenditures	2010-2011	2013-2014	2014-2015
University (E&G)	0	0	0
State (General Revenue Other than E&G)	0	0	0
State (C&G or other funds)	0	0	0
Federal (C&G)	0	0	0
Local (C&G)	0	0	0
Private / nonprofit organization	\$10,223	\$30,523	\$ 60,237
Endowment proceeds	0	0	0
Proceeds from patents or royalties	0	0	0
Sales from services or products	0	0	0
Others (specify)	0	0	0

Total expenditures	\$10,223	\$30,523	\$ 60,237

Endowment Information

Is the C/I supported in whole or in part by proceeds from an endowment?

If so:

- What is the amount of the endowment? N/A
- Where is the endowment managed? N/A
- Does the C/I spend only interest earnings? N/A
- Does the C/I spend part of the capital of the endowment? N/A

Contract and Grant Information

	2010-2011	2013-2014	2014-2015
Number of proposals submitted			2
Number of proposals funded			1
Proposals Made Jointly with Individuals not Directly associated with the Center / Institute			0
Total dollar amount of awards			\$20,000

- Are any of the contracts or grants multi-year? N/A
- How many years does the Center or Institute have left on any current contract or grant? N/A
- Have any contracts or grants been renewed during this reporting period? If yes, how many? 1

Other Center or Institute Activities

- Have any patents or royalties been generated? If so, please describe. N/A
- Has the Center or Institute applied for a patent that has not yet been granted? If so, please describe. N/A

Comments or additional information: _____

Employment --

University Positions associated with your C/I

	2010-2011	2013-2014	2014-2015
Number of Faculty (FTE)	1	2	1
Number of A&P and USPS positions (FTE)	0	0	0
Total Positions	1	2	1

Student Employment (include graduate and undergraduate)

	2010-2011	2013-2014	2014-2015
Number of research assistants employed (FTE)	0	0	0
Number of teaching assistants employed (FTE)	6	7	7
Number of interns (with stipend or OPS)	0	0	4
Number of interns (without pay)	0	6	17
Total student positions	6	12	25

Other Student Financial Benefits (include graduate and undergraduate)

	2010-2011	2010-2011	2013-2014	2013-2014	2014-2015	2014-2015
	Number	\$ Amount	Number	\$ Amount	Number	\$ Amount
Out of state tuition waivers	N/A	N/A	N/A	N/A	N/A	N/A
Student fellowships	N/A	N/A	N/A	N/A	1	\$2,000
Scholarships	7	\$7,000	10	\$10,000	19	\$14,800
Post-doctoral support	N/A	N/A	N/A	N/A	N/A	N/A
Amount of student travel support	N/A	N/A	N/A	N/A	2	\$1,116
Amount of registration for student conference attendance	N/A	N/A	N/A	N/A	3	\$1,000
Other support (specify)	N/A	N/A	N/A	N/A	Grant/Stipends	\$6,000

Comments or additional information: _____

Research and Extension --

Note: Web-delivered and CD Rom publications are to be counted in these totals.

Publications (in Refereed Journals, Peer-Reviewed Books or Peer-Reviewed Chapters)

Do not include those credited to the faculty member's primary academic department that are unrelated to the C/I mission.

	2010-2011	2013-2014	2014-2015
Number of faculty publications	1	3	4
Number of student publications	n/a	0	4
Number of publications authored jointly with other faculty at FSU	n/a	0	0

Number of publications authored jointly with students in the C/I	n/a	0	2
Number of publications authored jointly with faculty at locations other than FSU	n/a	0	4

Please have a list of relevant publications available if requested.

Other Publications and Conference Papers

	2010-2011	2013-2014	2014-2015
Number of extension or outreach publications	N/A	N/A	0
Number of <u>national</u> conference papers submitted	N/A	N/A	2
Number of <u>national</u> conference papers accepted	N/A	N/A	2
Date, Conference and Name of presentation(s)		April 2014. <i>Identified Attitudes Toward Blogging As a Business.</i> Presentation at Hispanizes 2014, Hispanizes, Miami, Florida.	March 2015. Multicultural Marketing Conference. <i>More than Just Numbers: Selling to Multicultural Consumers.</i>
Number of <u>regional</u> conference papers submitted			1
Number of			1

regional conference papers accepted			
Date, Conference and Name of presentation(s)			May 2015. <i>The Relevance of Hispanic Culture in Marketing Communication.</i> Presentation at Latina Women Leadership Conference Mujeres del Mañana, The H.I.L.L. of NE Florida, Jacksonville, Florida. (Regional)

Annual Report

Does the Center or Institute produce an annual report? If so, please have copies available or provide the web link.

Student Publications

	2010-2011	2013-2014	2014-2015
Number of student theses credited to or associated with the C/I	0	1	1
Number of dissertations	0	0	1
Number of any other student papers	0	3	7

Professional Development and Assistance

None

Consulting

	2010-2011	2013-2014	2014-2015
Number of consulting contracts			
Name of consulting recipient(s)			
Consulting Subject or Topic			
Amount of funding provided through general funds of the C/I			
Amount of funding obtained through contract in addition to general C/I funds			

Technical Assistance

None

	2010-2011	2013-2014	2014-2015
Number of technical assistance sessions or seminars offered			
Name of technical assistance recipient(s)			
Technical Assistance Subject or Topic			
Amount of Funding			

Conferences or Symposia

- How many conferences or symposia has the Center or Institute sponsored or hosted during this reporting period. One. Please list.

International Conference on Hispanic Media and Marketing in February 2015.

Comments or additional information: _____

Management

- Please provide an organizational chart



- Is the Center or Institute legislatively created? No
- Does the Center or Institute have an advisory board? Yes. How often are meetings held? Twice a year.
- Does the board manage the C/I or does it serve in an advisory capacity? Please describe and include a list of current members.
- How long has the director served? Felipe Korzeny from 2004-2014; Sindy Chapa from 2013-current
- How does the directorship change hands? **Conjoint Decision – Dean, Advisory and faculty.**
- Are there any issues associated with management transition? N/A
- If there are multiple sites, how are they administered? **No.** Who has final oversight? **Dean of the College**

Comments or additional information: _____

Additional Issues

Issues facing the Center or Institute

- Additional faculty is needed to increase the productivity of the Center and help with the sustainability of the programs.

Overall Evaluation

- ✓ The Center for Hispanic Marketing Communication is meeting its mission of generating knowledge to advance the understanding of marketing communication with Hispanic communities throughout the world. It also provides educational opportunities for students in this field through offering a minor in Hispanic Marketing Communication as well as a graduate and undergraduate certificate in Hispanic Marketing Communication.
- ✓ The Center has no E&G funding.
- ✓ The work of the Center for Hispanic Marketing Communication should continue. It is the first of its kind in the United States and serves as a model for other similar programs in Florida, Texas and California. In addition to its educational offerings, the Center provides a large amount of student support through employment, scholarships and grants. It has partnered with some large US corporations to conduct research. These corporations include Coca-Cola, Netflix, Univision and State Farm. The Center is active and productive. Its only concern is the addition of new faculty to support its activities.
- ✓ There is no need to change its mission or organizational structure.
- ✓ The Center is funded through private funds. Their reputation assists them in obtaining funding and there should be no reason for concern at this time.
- ✓ No change in classification is needed.
- ✓ Retain active status.

Questions for Centers and Institutes (C/I) Review

Mission and C/I activities

1. Please provide contact information, both for management and for budget information.

Name of Center or Institute: Communication and Early Childhood Research and Practice Center

Address: 201 W. Bloxham, Florida State University, Tallahassee FL 32306

Phone: 850-645-4972

Director: Dr. Juliann Woods

Director e-mail address: jwoods@fsu.edu

Phone: 850-645-4972

Budget and funding contact: Dr. Juliann Woods

Contact e-mail address: jwoods@fsu.edu

Phone: 850-645-4972

Web Link: <http://cec-rap.fsu.edu>

If multidisciplinary, please list departments associated with C/I:

School of Teacher Education – College of Education (e.g. projects such as Leadership In Family-centered Early Intervention (LIFE), Personnel preparation in Early Intervention and Education Project (PEIEP)

iSchool- College of Communication and Information (e.g. Project PALS)

Autism Institute – College of Medicine (e.g. Early Social Interaction (ESI), Autism Navigator)

2. What is the Center's or Institute's mission statement?

An expanding body of research supports the importance of early intervention/education for young children with special needs and their families. The Communication and Early Childhood Research and Practice Center (CEC-RAP) is designed to promote interdisciplinary contributions to the field of early intervention/education for young children with disabilities, communication disorders, and/or multiple risks. CEC-RAP focuses on the continued expansion of research, personnel preparation, and service delivery through collaboration with interrelated projects.

3. Briefly, what activities are consistently performed that move the C/I toward meeting its established mission? This section should also include activities related to meeting the State Board of Governor's mission. The State Board of Governors mission includes the following:

FSU Strategic Goals:

k. Strengthen Quality & Reputation of Academic Programs and Universities

CEC-RAP engages undergraduate, masters and doctoral students in research, training and service learning annually in a variety of programs and funded projects. Faculty and graduate students in CEC-RAP offer opportunities for undergraduate directed research, internships, and funded research positions as well as documentation for service learning hours and engagement areas for Garnet and Gold Scholars. Five to fifteen undergraduates participate each semester. Many undergraduates participate for multiple semesters. While the majority of the UG students are from Communication Science and Disorders, students from psychology, special education, child and family studies, and music therapy are also among the participants.

Office of Special Education (OSEP) funding is consistently available for both the master's and doctoral students in the CEC-RAP center. Two or three of these highly competitive grants have been available for students in CEC-RAP since its initiation. The grants provide tuition waivers and stipends for students in addition to books, materials and travel funds to enable scholars to specialize on their studies in autism. One project, Autism Spectrum Specialization, Education and Training (ASSET) supports SLP graduate students to complete their graduate program with a specialization in autism and a second doctoral leadership project, Training Researchers in Autism and Interdisciplinary Leadership (TRAIL) supports doctoral scholars in autism. Both projects integrate the community based vision of CEC-RAP and the Autism Institute.

l. Increase Collaboration and External Support for Research Activity

CEC-RAP has on average \$1- \$1.5 million of external support per year that is applied to research and training activities in CCI. In addition, collaborative projects with other major universities, e.g. Vanderbilt University, University of Florida, University of Connecticut, and University of Illinois- Chicago expand the influence of the researchers and students in CEC-RAP.

m. Increase Levels of Community and Business Engagement

Our mission is community focused with our research and training located in community programs such as Early Head Start and Whole Child Leon.

4. Overall Status

- ***What is the Center or Institute best known for?*** CEC-RAP is best known for its focus on moving research to practice, supporting community viable developmental interventions for young children, coaching caregivers, and distance mentoring professionals and programs working with young children with disabilities and their families. Research is focused to

address the unique needs of children (ages 3-5) with disabilities and their families with an emphasis on education, information and support to the family.

- ***What is the greatest strength of the Center or Institute?*** Research is conducted within the context of real world programs rather than in the laboratory or specialized clinical and education programs simultaneously providing professional development while gathering data to support future revisions or adaptations of the intervention(s). The use of technology to support distance education and data collection is also core to CEC-RAP.

We have a balance of external research funds and state implementation dollars to support our projects because of the types of work we do. Our laboratory is the community so that we are welcomed into the systems we research. We have also integrated teaching into our mission and therefore we have many student projects and volunteers participating in our research.

- ***What are the most significant challenges facing the Center or Institute?*** We are small due to the nature of our mission and our reliance on external funds for faculty and staff. We have been successful mixing contracts to balance our portfolio and reduce risk. However, because of our limited number of personnel and our limited financial integration with the School and the College, we do not have “back up” supports if we are not consistently successful with funding. It is a challenge to recruit and retain employees with specialized training when the length of employment is dependent upon external funds from such a limited pool of funding. Therefore, our growth must be measured by the availability of continued funding.

Funding –

Please provide the source and amount of expenditures from 2009-2010 to 2014-2015, using the following categories. Please round to the nearest dollar.

Expenditures	2010-2011	2013-2014	2014-2015
University (E&G)	0	0	0
State (General Revenue Other than E&G)	0	0	0
State (C&G or other funds) IA, ND,	42,333	0	0
Federal (C&G)	1,229,148	1,277,024	1,586,295
Local (C&G)			
Private / nonprofit organization	0	0	0
Endowment proceeds	0	0	0
Proceeds from patents or royalties	0	0	0
Sales from services or products	0	0	0
Others (specify)			
Total expenditures	1,271,481	1,277,024	1,586,295

Endowment Information

Is the C/I supported in whole or in part by proceeds from an endowment? No

Contract and Grant Information

	2010-2011	2013-2014	2014-2015
Number of proposals submitted	3	5	2
Number of proposals funded	3	4	2
Proposals Made Jointly with Individuals not Directly associated with the Center / Institute Amy Wetherby- AI	7	3	3
Total dollar amount of awards to CEC-RAP	1,192,394	2,234,641	1,927,280

- Are any of the contracts or grants multi-year? Iowa Distance Mentoring Model, Autism Spectrum Specialized Education and Training, Embedded Practices and Intervention with Caregivers, Panhandle Autism Library Services, Doctoral Training in Research, Autism and Interdisciplinary Leadership, Florida DOE
- How many years does the Center or Institute have left on any current contract or grant? Projects have from 1-3 years of additional funding.
- Have any contracts or grants been renewed during this reporting period? If yes, how many? FL-DOE, Iowa DMM

Other Center or Institute Activities

- Have any patents or royalties been generated? No
- Has the Center or Institute applied for a patent that has not yet been granted? No

Employment --**University Positions associated with your C/I**

	2010-2011	2013-2014	2014-2015
Number of Faculty (FTE)	2	2	2

Number of A&P and USPS positions (FTE)	2	2	3
Total Positions	4	4	5

Student Employment (include graduate and undergraduate)

	2010-2011	2013-2014	2014-2015
Number of research assistants employed (FTE)	5	5	10
Number of teaching assistants employed (FTE)	0	0	0
Number of interns (with stipend or OPS)	14	8	8
Number of interns (without pay)	0	8	7
Total student positions	19	21	25

Other Student Financial Benefits (include graduate and undergraduate)

	2010-2011	2010-2011	2013-2014	2013-2014	2014-2015	2014-2015
	Number	\$ Amount	Number	\$ Amount	Number	\$ Amount
Out of state tuition waivers	0		0		0	
Student fellowships	0	0	0	0	0	0
Scholarships	0	0	0	0	0	0
Post-doctoral support	0	0	0	0	0	0
Amount of student travel support	8	\$8000	5	\$3500	8	\$8000
Amount of registration for student conference attendance	0	0	0	0	0	0
Other support (specify)						

Research and Extension --

Note: Web-delivered and CD Rom publications are to be counted in these totals.

Publications (in Refereed Journals, Peer-Reviewed Books or Peer-Reviewed Chapters)

Do not include those credited to the faculty member's primary academic department that are unrelated to the C/I mission.

	2010-2011	2013-2014	2014-2015
Number of faculty publications	1	1	2
Number of student publications			
Number of publications authored jointly with other faculty at FSU	1		3
Number of publications authored jointly with students in the C/I	7	3	2
Number of publications authored jointly with faculty at locations other than FSU		1	

Please have a list of relevant publications available if requested.

Other Publications and Conference Papers

	2010-2011	2013-2014	2014-2015
Number of extension or outreach publications	Our websites are regularly updated with materials for downloading	2 major websites updated regularly	2 major websites updated regularly
Number of <u>national</u> conference papers submitted	15	15	20
Number of <u>national</u> conference papers accepted	15	15	20
Date, Conference and Name of presentation(s)	Available upon request	Available upon request	Available upon request
Number of <u>regional</u> conference papers submitted	0	0	0

Number of <u>regional</u> conference papers accepted	0	0	0
Date, Conference and Name of presentation(s)			

Annual Report

Does the Center or Institute produce an annual report? If so, please have copies available or provide the web link.

<http://cec-rap.fsu.edu/files/2013/02/2015Bulletin-1.pdf>

Student Publications

	2010-2011	2013-2014	2014-2015
Number of student theses credited to or associated with the C/I	1	1	0
Number of dissertations	1	3	1
Number of any other student papers	0	0	0

Professional Development and Assistance

Consulting

	2010-2011	2013-2014	2014-2015
Number of consulting contracts	0	0	0
Name of consulting recipient(s)	0	0	0
Consulting Subject or Topic	0	0	0
Amount of funding provided through general funds of the C/I	0	0	0
Amount of funding obtained through contract in addition to general C/I funds	0	0	0

Technical Assistance

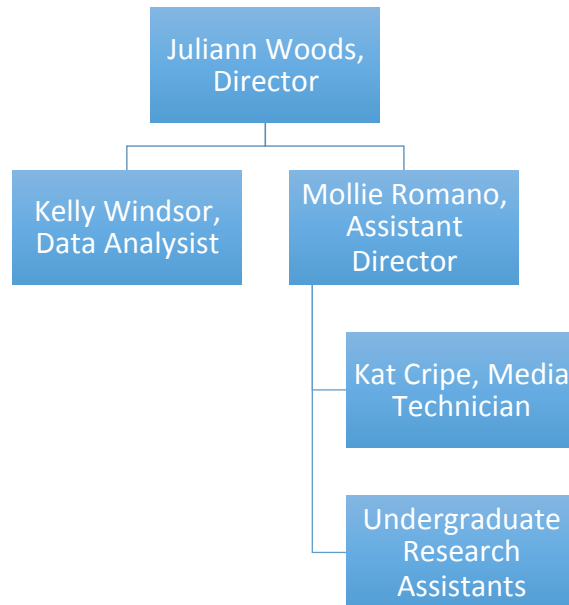
	2010-2011	2013-2014	2014-2015
Number of technical assistance sessions or seminars offered	~20	~15	~18
Name of technical assistance recipient(s)	North Dakota, State of MN, Pennsylvania Early Intervention Technical Assistance	State of Iowa, Pennsylvania Early Intervention Technical Assistance	State of Iowa, Pennsylvania Early Intervention Technical Assistance
Technical Assistance Subject or Topic	Positive Behavior Supports for Children and Families, Autism Services, Distance Mentoring Model, Coaching FGRBI	Distance Mentoring Model, Autism Services and Supports, Family Guided Early Intervention (FGRBI) Coaching	Distance Mentoring Model, Autism Services and Supports, Family Guided Early Intervention (FGRBI) Coaching
Amount of Funding	~50,000	\$200,000	\$200,000

Conferences or Symposia

- How many conferences or symposia has the Center or Institute sponsored or hosted during this reporting period. None
Please list

Management

- Please provide an organizational chart



- Is the Center or Institute legislatively created? No
- Does the Center or Institute have an advisory board? No
- Does the board manage the C/I or does it serve in an advisory capacity? Please describe and include a list of current members. NA
- How long has the director served? 5 years
- How does the directorship change hands? No formal policies are in place. It is a small operation.
- Are there any issues associated with management transition? The director will potentially retire in the next 5 years. The Assistant Director is fully grant funded and an assistant within the SCSD. While funding has been stable, it is heavily dependent on the projects directed by Woods. Efforts are underway to increase support to other investigators to obtain external funding.
- If there are multiple sites, how are they administered? Who has final oversight? N/A

Comments or additional information: The center is co-located in the School of Communication Science and Disorders and with the Autism Institute. The facilities serve complementary purposes in the community and for research. The space at the Warren Building, SCSD/CCI is most accessible for student volunteers and employees. Research facilities at the Autism Institute are exemplary plus the interdisciplinary opportunities and community outreach are important. Grant Administration of the Center is split between CCI and COM with the majority in CCI. When the CEC-RAP Director is a Co-Investigator on projects in the Autism Institute, the projects are managed through the College of Medicine.

Additional Issues

Issues facing the Center or Institute- None at the moment. We are currently funded and staffed.

Overall Evaluation

- ✓ The Communication and Early Childhood Research and Practice Center (CEC-RAP) is focused on activities consistent with its mission. Its mission is to promote interdisciplinary contributions to the field of early intervention and education through the continued expansion of research, personnel preparation and service delivery. Its greatest strength is moving research to practice. Faculty, along with undergraduate and graduate students, participate in service learning projects. It is not uncommon for students to return for another year of service learning through CEC-RAP. While the majority of the undergraduate students are from Communication Science and Disorders, students from psychology, special education, child and family studies, and music therapy are also among the participants. Though not its entire focus, training graduate students and service learning in the field of autism is a specialty of the Center. It is co-located with the College of Communication Science and Disorders and the Autism Institute.
- ✓ There is no E&G funding within the Center. No ROI can be calculated.
- ✓ CEC-RAP should continue its work. An expanding body of research supports the importance of early intervention and education for young children with special needs and their families. The translation of research to successful intervention and practice is necessary to assist this population. This is what the Center does. In addition, it provides the resources of 2 faculty, 3 staff and 25 students toward these efforts. Finally, results are publicized through faculty publications and conference presentations.
- ✓ The Communication and Early Childhood Research and Practice Center is funded entirely through federal funds. In addition to contracts and grants, Office of Special Education (OSEP) funding is consistently available for both the master's and doctoral students in the CEC-RAP center. Two or three of these highly competitive grants have been available for students in CEC-RAP since its initiation. The grants provide tuition waivers and stipends for students in addition to books, materials and travel funds to enable scholars to specialize on their studies in autism. Continued funding for the Center does not appear to be a problem.
- ✓ No change in classification is recommended.
- ✓ Retain active status.