# RFA(H CONNECT

# **RHODE ISLAND COLLEGE**

**Office of Research and Grants Administration** 

Annual Report Fiscal Year 2013

# A MESSAGE FROM ORGA

### Friends,

Rhode Island College's Office of Research and Grants Administration (ORGA) is pleased to present our third annual report to the college community. It is our privilege to report that nearly \$10 million in external grant and contract funds supporting research, programs and training was awarded to the college in FY13. These awards, as well as many proposals developed but not yet funded, point to the strong commitment of RIC faculty and staff to advance knowledge and support student learning.

The college has continued to build research capacity in the face of challenges posed by sequestration and diminished external funding. This is marked by the fact that FY13 saw a record number of new Principal Investigators submitting proposals and receiving awards. That momentum is continuing, with the college engaged in multiple inter-disciplinary and community-based partnerships that have the potential to open new areas of research and programmatic activities. Notable among these is RIC's partnership with the Central Falls School District. *Achieving Together: the CF/RIC Innovation Lab* is a collaboration to support new models of K-



20 urban education, advance STEM teaching and learning, expand opportunities for lifelong learning and promote healthy communities. It is collaborations such as this, along with so many others, that point to the strong synergistic relationships between research, teaching and learning, and the importance of research to RIC's teaching mission.

Institutional support for strengthening a culture of research at RIC is evident at all levels. Under the able leadership of President Nancy Carriuolo and Vice President for Academic Affairs, Dr. Ron Pitt, there is a strong commitment across the college to advance and sustain an enduring culture of research. ORGA is proud to be part of this work.

### Lisa Smolski Director of Research and College Initiatives Office of Research and Grants Administration

# THE PRESIDENT'S REPORT



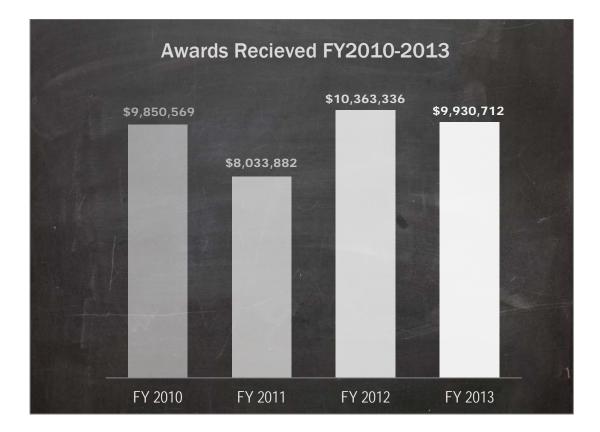
Dr. Nancy Carriuolo highlights the accomplishments of faculty in securing external funding during the 2013 fiscal year.

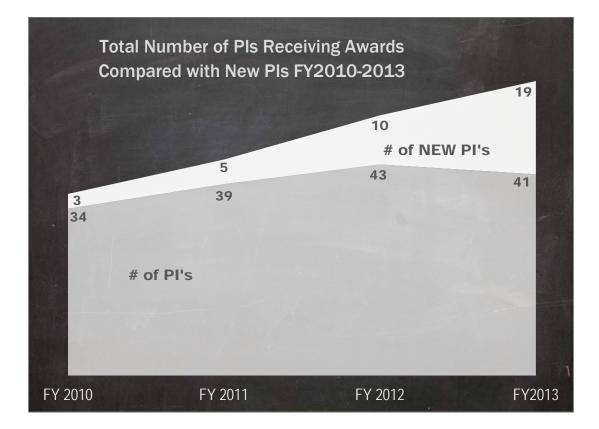
Externally funded awards totaled \$9,930,712, with more than \$1 million of that total supporting indirect costs associated with grant-funded projects.

A record 39 proposals submitted

Of the **41** PIs receiving awards, a record **19** were NEW PIs

**43** Pls submitted proposals, with a record-setting **17** being NEW Pls



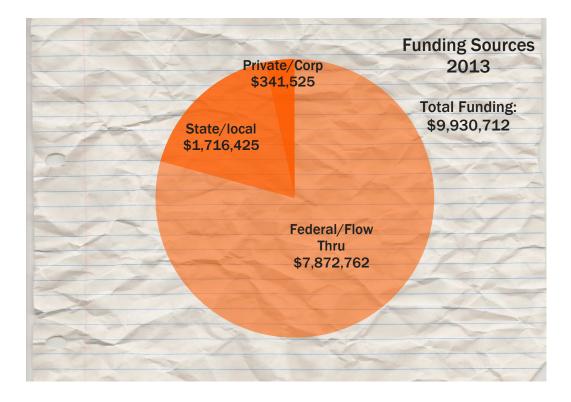


# External Funding for Research and Sponsored Projects:

	PROJECTS Receiving External Funding in I	FY 2013	
PRINCIPLE INVESTIGATOR	PROJECT NAME FUNDING SOURCE		
Karen Almeida	<ul> <li>INBRE: NAMPT regulation through post translational modification</li> </ul>	• NIH/URI	
Anthony Antosh	<ul> <li>University Centers for Excellence in Developmental Disabilities</li> <li>Early Intervention Training and Technical Assistance</li> <li>State Personnel Development Grant</li> <li>Vision Services</li> <li>Surrogate Parents/Educational Advocates</li> <li>Positive Behavioral Supports Training for RI Training School</li> <li>Dual Sensory Impairment</li> <li>Child Welfare Partnership</li> <li>RI Alternate Assessment</li> <li>ORS Employment Training</li> <li>RI Technical Assistance Project</li> <li>EnVISION Work</li> </ul>	<ul> <li>US HHS</li> <li>RI DCYF</li> <li>RI Dept. of Ed.</li> <li>RI Dept. of Ed.</li> <li>RI Dept. of Ed.</li> <li>RI DCYF</li> <li>US Dept. of Ed.</li> <li>RI DCYF</li> <li>Measured Progress</li> <li>RI Dept. of Ed.</li> </ul>	
	Medicaid Implementation	US HHS	
Marie Beardwood Mariam Boyajian	<ul> <li>Virtual CPRS Educational Platform (VCEP)</li> <li>Upward Bound</li> <li>Upward Bound Support/Central Falls</li> <li>Upward Bound Support/Pawtucket</li> <li>Upward Bound Support/Providence</li> </ul>	<ul> <li>Providence VAMC</li> <li>US Dept. of Ed.</li> <li>City of Central Falls</li> <li>City of Pawtucket</li> <li>City of Providence</li> </ul>	
Kalina Brabeck	Exploratory Study of US Born Children in Latino Immigrant Families	Foundation for Child     Development	
Deborah Britt	<ul> <li>INBRE: Bcp1 and Mdt1 as novel components of the DNA Damage Response of Sacchoramyces Cerevisiae</li> </ul>	• NIH/URI	
Emily Cook	<ul> <li>INBRE: Effects of Autonomy Relatedness and Stress Response on Adolescent Risk Behavior</li> </ul>	• NIH/URI	
Jennifer Cook	Rhode Island Writing Project	<ul> <li>National Writing Project</li> </ul>	
Glenisson de Oliveira	<ul> <li>Project RITES (Rhode Island Technology Enhanced Science Project)</li> </ul>	• NSF/URI	
Holly Dygert & Corinne McKamey	Promising Practices Conference	• RI Council for the Humanities	
Paddy Favazza	ECSE Competency Alignment	• RI Dept. of Ed.	

	PROJECTS Receiving External Funding in I	FY 2013	
PRINCIPLE INVESTIGATOR	PROJECT NAME FUNDING SOURCE		
Paul Forte	<ul> <li>Key Issues Addressing Student Access and Completion</li> </ul>	<ul> <li>RI Office of Higher Ed.</li> </ul>	
Jenifer Giroux	<ul> <li>Providence/Cranston Workforce Investment</li> <li>Refugee Employment and Training Center (Project GRAPHIC)</li> <li>Contextualized Learning</li> <li>United Collaboration of Training Resources</li> </ul>	<ul> <li>RI Dept. of Labor and Training</li> <li>RI Dept. of HS</li> <li>RI. Dept. of Ed.</li> <li>United Way of RI</li> </ul>	
Tonya Glantz	<ul> <li>Child Welfare Institute</li> <li>Father Engagement</li> <li>System of Care/FCCP Training</li> </ul>	<ul><li> RI DCYF</li><li> Casey Family Found.</li><li> RI DCYF</li></ul>	
Beverly Goldfield	INBRE: Assessing Comprehension Across     Word Class	• NIH/URI	
Breea Govenar	<ul> <li>Ocean acidification effects on plankton community composition</li> </ul>	• RI-STAC/URI	
Eric Hall	<ul><li>INBRE: SURF Program Coordinator</li><li>EPSCoR: SURF</li></ul>	<ul><li>NIH/URI</li><li>NSF/RWU</li></ul>	
Paul LaCava	<ul> <li>Transporters' DVD and Emotional Recognition (ER) in children with ASD</li> </ul>	• Bailey's Team	
Thomas Malloy	<ul> <li>INBRE: Effect of Afrocentric features and crime stereotypes on visual attention to faces</li> </ul>	• NIH/URI	
Colleen Marlow	<ul> <li>INBRE: Computational Analysis and Modeling of Human Eye Movements</li> </ul>	• NIH/URI	
Thomas Meedel	INBRE: Testing the Myogenic Code	NIH/URI	
Robin Montvilo	<ul> <li>Developmental Disability and Addiction Recovery</li> </ul>	RI BHDDH	
Brandon Murakami	<ul> <li>RUI (Research in Undergraduate Institutions): Rare lepton decay in the eras of the LHC and MEG experiments</li> </ul>	• NSF	
Cynthia Padula, Belle Evans, Rachael Filinson	Rhode Island Geriatric Education Center	• HRSA/URI	
Roberta Sue Pearlmutter	<ul> <li>Consolidated Youth Services</li> <li>RI Partnership for Family Connections</li> <li>Works Wonders</li> </ul>	<ul> <li>RI Foster Parents</li> <li>RI Foster Parents</li> <li>RI Foster Parents</li> </ul>	
Ronald Pitt & Gary Penfield	Learning For Life	<ul> <li>RI Office of Higher Ed.</li> </ul>	
Ronald Pitt	Complete College: Rhode Island Initiative	• RI Office of Higher Ed.	
Eric Roberts	<ul> <li>EPSCoR (Experimental Program to Stimulate Competitive Research)</li> </ul>	• NSF/URI	

	PROJECTS Receiving External Funding in	FY 2013	
PRINCIPLE INVESTIGATOR	PROJECT NAME	FUNDING SOURCE	
Keri Rossi- D'entremont	• Self Advocates in Learning (SAIL)	• Learning Disabilities Foundation	
Kathryn Sanders	S-STEM Quahog Cohort	• NSF	
Leslie Sevey	Higher Education Inventory	• RI Dept. of Ed.	
Alexander Sidorkin	<ul> <li>Consultant Services for Teacher Academy</li> <li>Common Core Standards &amp; College Preparedness</li> </ul>	<ul> <li>City of Providence</li> <li>RI Office of Higher Ed.</li> </ul>	
Earl Simson	Modern Language Studies in Portuguese	RI Senate Fiscal     Office	
Earl Simson & Richard Lobban	<ul> <li>MURI: A Structural Approach to the Incorporation of Cultural Knowledge in Adaptive Adversary Models</li> </ul>	<ul> <li>ONR/Carnegie Mellon</li> </ul>	
Lisa Smolski	<ul> <li>Supporting Students/Supporting Differences</li> </ul>	RI Foundation	
Sarah Spinette	<ul> <li>INBRE: Examination of UFD2a/UBE4B activity during myogenesis</li> </ul>	• NIH/URI	
Mary Sullivan	Building Fluency using iPad Technology	• RI Office of Higher Ed.	
John C. Williams	<ul> <li>INBRE: Arylphosphonium Salt Conjugates Diagnostic Cell Imaging</li> </ul>	• NIH/URI	

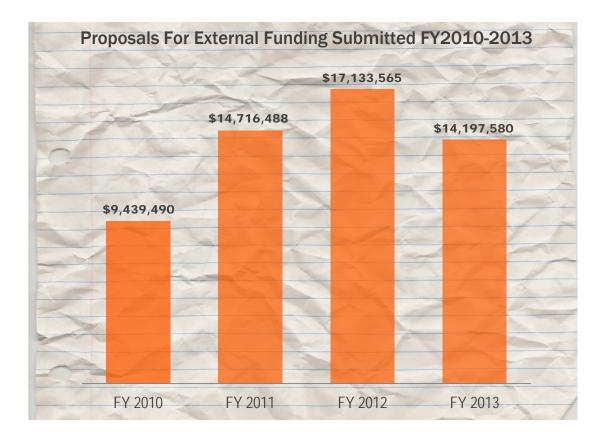


## Internal Funding Faculty Research Committee

Funding for these awards is supported by the college, Rhode Island College Foundation (RICF) and Alumni Affairs. In 2012-13, 26 faculty members received support for research projects through the Faculty Research Committee fund.

FACULTY RESEARCH COMMITTEE		
PRINCIPAL INVESTIGATOR	DEPARTMENT	PROJECT TITLE
Abbotson, Susan	English	Archival Research into Playwright William Inge
Benson, Pamela	English	<ul> <li>Aemilia Lanyer's Widowhood: A 17th Century Poet- Widow's Strategies for Remaining in the Middle Class</li> </ul>
Benziger, Karl	History	<ul> <li>The Revised Republic: Hungary, National Memory, and Christian National Politics</li> </ul>
Bigler, Ellen	Educational Studies	<ul> <li>Assessing Language Practices and Ideologies in Portuguese-Speaking Communities</li> </ul>
Bohlinger, Vincent	English/Film Studies	<ul> <li>Enlightening Entertainment: Soviet Film Style between Montage and Socialist Realism</li> </ul>
Cook, Jennifer	English	<ul> <li>Student as Producer: Transforming Students' Experiences in College through Research-engaged Teaching</li> </ul>
Del Vecchio, Andrea & Rivers, Steve	Physical Sciences	How are Stresses Generated during Film Growth?
Duneer, Anita	English	<ul> <li>Jack London's Holographs and Typescripts: An Examination of Race and Gender in His Travel Writing</li> </ul>
Dygert, Holly	Anthropology	Indigenous Women and Reproductive Health
Grund, Gary	English	Humanist Literary Theory
Gullapalli, Praveena	Anthropology	<ul> <li>Iron and Glass: Pyrotechnologies in Early Historic South India</li> </ul>
Horwitz, Julie	Educational Studies	<ul> <li>Research in Extended Learning Opportunities - Phase Two</li> </ul>
Karim, Alema	Economics & Finance	<ul> <li>Is Microfinance Helping or Hurting the Poor? Evidence from Bangladesh</li> </ul>
Knowlton, Sarah	Physical Sciences	<ul> <li>Transport and Fate of Road Salt in Rhode Island: Analysis of Sodium in Natural Waters</li> </ul>
Kunkel, Christine	CEP	<ul> <li>Investigating Indicators of Success in Graduates of a Progressive, Urban, Public School</li> </ul>
LaMontagne, Marc	Physical Sciences	• The Use of Surfactants for the Spectrofluorimetric Enhancement of Analytes
Leazes, Francis & Dufour, Ronald	Political Science/History	• Unearthing the North Burial Ground, Providence RI: An Interdisciplinary Project

FACULTY RESEARCH COMMITTEE		
PRINCIPAL INVESTIGATOR	DEPARTMENT	PROJECT TITLE
Leung, Chin Hin	Physical Sciences	<ul> <li>Utilizing Green Building Blocks via Palladium- Catalyzed Hydrogen Borrowing Reactions</li> </ul>
McMunn, Meradith	English	<ul> <li>La Tour Ferrande Frescoes as Sources for Illustrations in Manuscripts of the Roman de la Rose</li> </ul>
Montali, Amy	Art	<ul> <li>Figure/Ground Relation in Psychological Landscapes: New Photographic Studies</li> </ul>
Olson, Jeannine	History	<ul> <li>Huguenot Tenacity: Historical &amp; Material Background to the French Reformed Churches, 1555-1685</li> </ul>
Russell, Lisa	Art	Complexities and Harmonies of Visual Phenomena
Tashiro, Sanae	Economics & Finance	<ul> <li>Temporary Workers in Japan's Lost Decades: Evidence from the Japanese Panel Survey Consumers</li> </ul>
Whitten, Richard	Art	Architectural Vistas and Architectural Toys
Williams, John C.	Physical Sciences	<ul> <li>Arylphosphonium Salt Conjugates: Diagnostic, Cell- Imaging Anticancer Agents: Synthesis &amp; Screening</li> </ul>
Wolff, Joshua	Psychology	<ul> <li>Sexual Minority Youth Experiences in Religious Higher Education: Health-Risks and Campus Climate</li> </ul>



The Faculty Development Fund is established through negotiations between the Rhode Island Board of Governors of Higher Education and RIC/AFT Local 1819. The fund amount and award committee composition are determined as part of these negotiations. In 2013, 66 Faculty members received support through the Faculty Development Fund.

FACULTY DEVELOPMENT FUND		
PRINCIPLE INVESTIGATOR	DEPARTMENT	PROJECT TITLE
Arthur, Mikaila	Sociology	<ul> <li>Presentation at the 2012 American Sociological Association Annual Meeting</li> </ul>
Aydogdu, Murat	Economics & Finance	<ul> <li>Attendance at the Midwest Finance Association Annual Meeting</li> </ul>
Bain, Lisa	Accounting/CIS	<ul> <li>School of Management Faculty Development Workshop – Utilizing Social Media and Technology in the Classroom</li> </ul>
Baker, Mary	Anthropology	<ul> <li>Presentation at the International Primatological Society Biennial Meeting</li> </ul>
Blankenship, Whitney	Educational Studies/History	<ul> <li>Attendance at the Annual American Educational Research Association Meeting</li> </ul>
Bohlinger, Vincent	English/Film Studies	<ul> <li>Attendance at Le Giornate del Cinema Muto Annual Film Festival</li> </ul>
Burke, John	Mathematics & Computer Science	<ul> <li>Presentation at the American Mathematical Association Special Session on Knot Theory and 4-Manifolds at Fall Central Sectional Meeting</li> </ul>
Caouette, Becky	English	<ul> <li>Presentation at the Annual Council of Writing Program Administrators Conference</li> </ul>
Carter, Shani	Management & Marketing	<ul> <li>Presentation at the International Joint Conference on Knowledge, Economy, and Management &amp; the Annual Academy of Human Resource Development</li> </ul>
Carty, Anne	Nursing	<ul> <li>Attendance at the Faculty Development Conference sponsored by the American Association of Colleges of Nursing</li> </ul>
Choi, Kyungsub	Accounting/CIS	Presentation at Hawaii International Conference     of System Sciences
Cloud, Nancy	Educational Studies	<ul> <li>Attendance at the Teachers of English to Speakers of Other Languages 2013 International Convention</li> </ul>
Cook, Emily	Psychology	<ul> <li>Presentation at the Biennial Conference for the Society for Research on Child Development</li> </ul>

FACULTY DEVELOPMENT FUND			
PRINCIPLE	DEPARTMENT	PROJECT TITLE	
INVESTIGATOR			
Cook, Jennifer	English & Educational Studies	<ul> <li>Attendance at: Student as Producer: Transforming Students' Experiences in College through Research-Engaged Teaching</li> </ul>	
Costello, Joanne	Nursing	<ul> <li>Presentation at the 25th Annual Association of Nurses in AIDS Care Annual Conference</li> </ul>	
Danely, Jason	Anthropology	<ul> <li>Presentation at the Symposium on Aging at the 2013 Biennial Meeting of the Society for Psychological Anthropology</li> </ul>	
Darcy, Monica Gorham	Counseling, Educational Leadership and School Psychology	<ul> <li>Completion of The Training of Trainers for the Partners for Change Outcome Management System</li> </ul>	
Dorros, Sybilla	Communications	<ul> <li>Presentation at the National Communication Association Conference</li> </ul>	
Dygert, Holly	Anthropology	<ul> <li>Presentation at the American Anthropological Association's Annual Meetings</li> </ul>	
Filinson, Rachel	Sociology &Gerontology	<ul> <li>Presentation at the Gerontological Society of America Conference</li> </ul>	
Freyermuth, Virginia	Art & Educational Studies	<ul> <li>Presentations at the 2013 National Art Education Association Annual Convention and as Co-Advisor of the RIC Student Chapter of the NAEA</li> </ul>	
Galvez, Robert Anthony	Communication	<ul> <li>Presentation at the Association for Journalism and Mass Communication Conference</li> </ul>	
Goodwin Gomez, Gale	Anthropology	<ul> <li>Presentation at a Symposium at the 54th International Congress of Americanists</li> </ul>	
Gremel, Kathleen	Nursing	<ul> <li>Presentations at the Joint Meeting of the Association of Community Health Nurse Educators and the Association of Public Health Nurses</li> </ul>	
Grund, Gary	English	<ul> <li>Presentation at the Villa Borghese and the American Academy Conference</li> </ul>	
Gushwa, Melinda	School of Social Work	<ul> <li>Attendance at the 2013 American Professional Society on the Abuse of Children Annual Colloquium</li> </ul>	
Harrison, Jill	Sociology	Statistics Training Upgrade with STATA	
Hofhansel, Claus	Political Science	<ul> <li>Attendance at the 2013 meeting of the Council for European Studies</li> </ul>	
Horwitz, Julie	Educational Studies	<ul> <li>Attendance at the Association of Teacher Educators – Featured Panel Organizer/ Book Release Presentations</li> </ul>	
Jacques, Paul	Marketing & Management	<ul> <li>Presentation of Korean Leadership Study research to the peer-reviewed Institute of Behavioral and Applied Management 20th Annual Conference</li> </ul>	

FACULTY DEVELOPMENT FUND			
PRINCIPLE	DEPARTMENT		PROJECT TITLE
INVESTIGATOR			
Johnson, Janet	Educational Studies	•	Presentation at the Association of Teacher
			Educators Conference
Kene, Prachi	Counseling,	•	Attendance at the Annual American Association
	Educational Leadership		of Suicidology Conference
	and School Psychology		
Kim, Randi	Psychology	•	Presentation at the Eastern Psychological
			Association Conference
Kunkel, Christine	Counseling,	•	Attendance at the Rhode Island Writer's Retreat
	Educational Leadership		and Westport Writers' Workshop
	and School Psychology		
LaCava, Paul	Special Education	•	Presentation at the Council for Exceptional
			Children's Annual Convention
LaFerla, Vivian	Mathematics &	•	Presentation at the 12 <sup>th</sup> International Congress
	Computer Science		on Mathematical Education
Leung, Chin Hin	Physical Sciences	•	Presentation at the Frontiers of Inorganic
			Chemistry Symposium
Lockett, Yolande	Nursing	•	Attendance at an Annual Conference on Pediatric
			Health Care hosted by the National Association
			of Pediatric Nurse Practitioners
Malloy, Thomas	Psychology	•	Presentation at the Society of Experimental
			Social Psychology
McDermott-Fasy,	Special Education	•	Attendance at the 2013 Annual Convention of
Cara			the Council for Exceptional Children
McMunn, Meradith	English	•	Study and Photography of Two Early Theaters
	School of Social Work	-	Descentation at the 2012 Annual Casisty of Casisl
Meade, Jennifer		•	Presentation at the 2013 Annual Society of Social Work and Research Conference
Merson, Rebeka	Biology	•	
WIEISON, NEDERA	biology	•	Attendance at a Workshop on Genomics and Annotation of the Killifish Genome
Michaud,	English	•	Presentation at the 2013 Conference on College
Michael	LIIGIIJII	•	Composition and Communication
Milbourne,	Marketing &	•	Attendance at workshops at the International
Constance	Management		Congress of Qualitative Inquiry
Montali, Amy	Art	•	Attendance at the Society for Photographic
			Education 50 <sup>th</sup> Annual National Conference
Moskol, Ann	Mathematics &	•	Attendance at the Special Interest Group on
	Computer Science		Computer Science Education 2013: The Changing
			Face of Computing
Motte, Mark	Political	•	Presentation at the New England/St. Lawrence
	Science/Geography		Valley Geographical Society's Annual Conference
Mulcahey,	Henry Barnard School	•	Attendance at the Pastel Painting Workshop at
Christine			Ghost Ranch, Abiquiu, New Mexico
		•	Attendance at the Pastel Painting Workshop at

FACULTY DEVELOPMENT FUND		
PRINCIPLE INVESTIGATOR	DEPARTMENT	PROJECT TITLE
Murakami, Brandon	Physical Sciences	<ul> <li>Research Consultation at the Theoretical Particle Physics Group of the University of California, Irving</li> </ul>
Niska, John	Educational Studies	<ul> <li>Presentation at the Annual American Education Research Association Conference</li> </ul>
Olson, Jeannine	History	<ul> <li>Presentation at the 12<sup>th</sup> International Congress for Luther Research</li> </ul>
Percoco, Vanessa	Henry Barnard School	<ul> <li>Attendance at the National Conference of Teachers of Mathematics</li> </ul>
Picard, Sara	Art	<ul> <li>Attendance at the College Art Association Conference</li> </ul>
Przybyla, Jane	Accounting/CIS	<ul> <li>Attendance at the American Accounting Association Northeast 2012 Region Meeting</li> </ul>
Quigley, Patricia	Nursing	<ul> <li>Attendance at the International Society of Nurses in Genetics 25th Annual Conference: Charting a Course for Genetic/Genomic Nursing: Practice, Education, and Research</li> </ul>
Ramirez, Jaime	Educational Studies	<ul> <li>Attendance at the American Association of Applied Linguistics Conference</li> </ul>
Ramocki, Stephen	Management & Marketing	<ul> <li>Accompany RIC American Marketing Association Students to the 35<sup>th</sup> International Collegiate AMA Conference</li> </ul>
Reddy, Maureen	English	<ul> <li>Presentation at the Popular Culture Association Conference</li> </ul>
Ripstein, Bonnie	Henry Barnard School	<ul> <li>Attendance at the National Science Teachers Association Conference</li> </ul>
Sarawagi, Namita	Mathematics & Computer Science	<ul> <li>Attendance at the 2013 Northeastern Region of the Consortium for Computer Sciences in Colleges Conference</li> </ul>
Saucier, Khalil	Sociology	<ul> <li>Presentation at the 2012 American Studies Association Meetings</li> </ul>
Seaman, Natasha	Art	Presentation at The College Art Association
Smuts, Aaron	Philosophy	<ul> <li>Presentation at the Fifth Annual Rocky Mountain Ethics Congress</li> </ul>
Tashiro, Sanae	Economics & Finance	<ul> <li>Presentation at the 2013 Allied Social Science Association's Meetings</li> </ul>
Urda, Julie	Marketing & Management	<ul> <li>Attendance at the 2013 Annual Organizational Behavior Teaching Conference</li> </ul>

# OFFICE OF RESEARCH AND GRANTS ADMINISTRATION RHODE ISLAND COLLEGE PROVIDENCE, RI 02908

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