



Rhode Island College

Office of Research and Grants Administration

**Annual Report
Fiscal Year 2012**



Message from ORGA

Dear Friends,

Fiscal year 2012 was a banner year for external grant and contract activity at Rhode Island College. More than \$10 million was awarded to support research, program and service activities. The numbers of new Principal Investigators submitting proposals speaks to the enthusiasm and commitment our

faculty members have for advancing research, teaching and supporting students, and expanding the college's role as a valuable state resource. This increased capacity can also be attributed to the support and encouragement that President Nancy Carriuolo, Vice President for Academic Affairs, Dr. Ron Pitt, and the entire college administration show for the college's research enterprise.

The project descriptions and metrics in this report signify major effort by faculty and the many individuals who support *Research at RIC*. Yet, they tell only part of the story. Every proposal represents a faculty member taking a risk; putting forward a novel idea with the potential to make a real difference. At its core, every proposal and grant award is ultimately about our students: supporting their discovery and advancement in new areas of interest and learning, teaching them more effectively, and helping to make their – and our – community a better place to live and work. Psychology major, Kyle Fernandes '13, said it best:

The Summer Undergraduate Research Fellowship (SURF) program provided me an opportunity to learn...the research field. Dr. Cook was extremely helpful in teaching us... key concepts related to the social sciences, and so much more. The conference was especially exciting. I could probably write a paper on how beneficial this program is to students.

Rhode Island College's Office of Research and Grants Administration is proud to be part of this work.

Lisa Smolski
Director, Office of Research and Grants Administration

President's Report

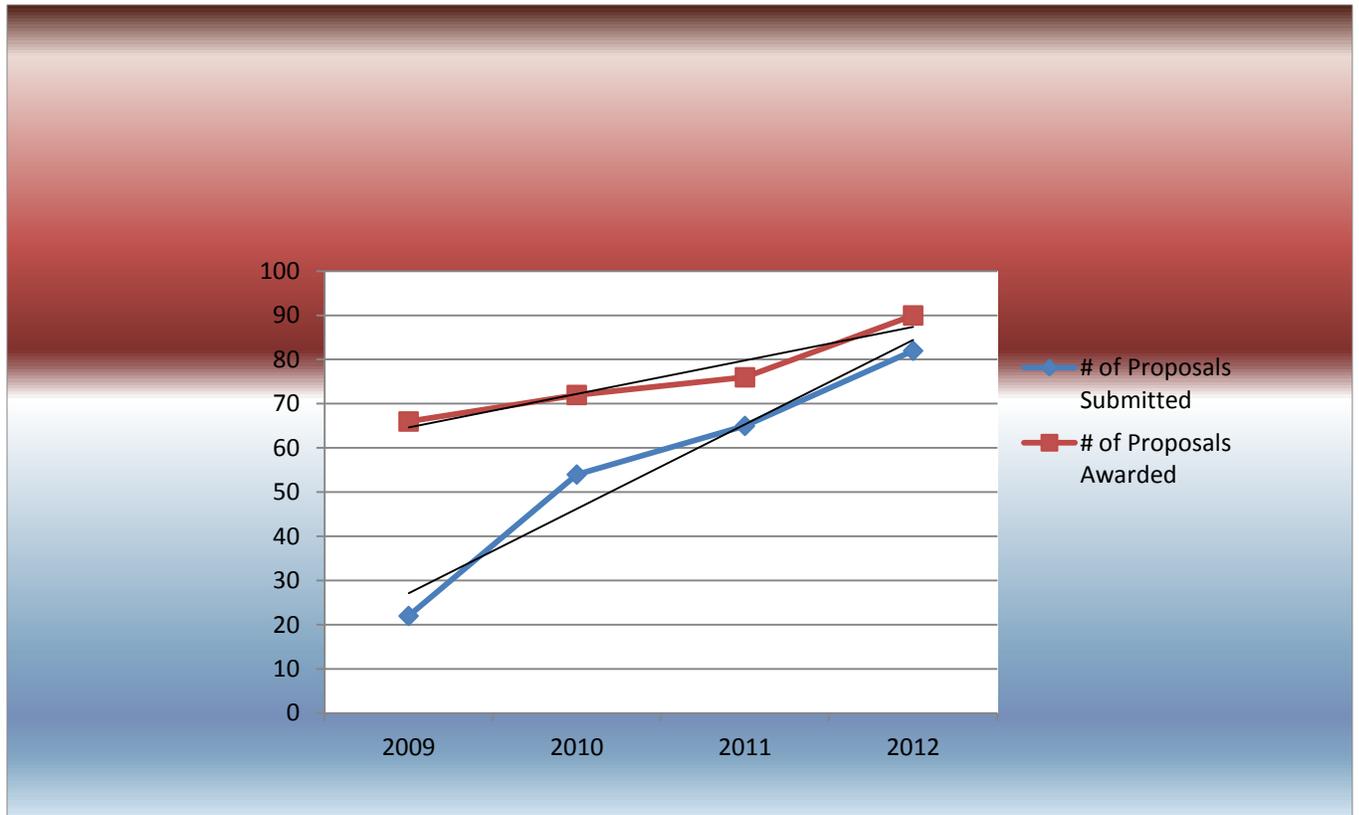
During her annual Opening Coffee Hour, RIC President, Dr. Nancy Carriuolo, highlighted the accomplishments of faculty in securing external funding during the 2012 fiscal year.

- Externally funded awards totaled \$10,363,336, a \$2.3 million increase over FY 2011
- Proposals submitted in FY 2012 totaled \$17,133,565, a \$2.4 million increase over FY 2011
- A record number of proposals were submitted and awarded
- 90 proposals received funding
- 44 Principal Investigators (PIs) submitted proposals, 16 of those were new PIs
- 43 PIs received awards in 2012; of those, 11 were new PIs

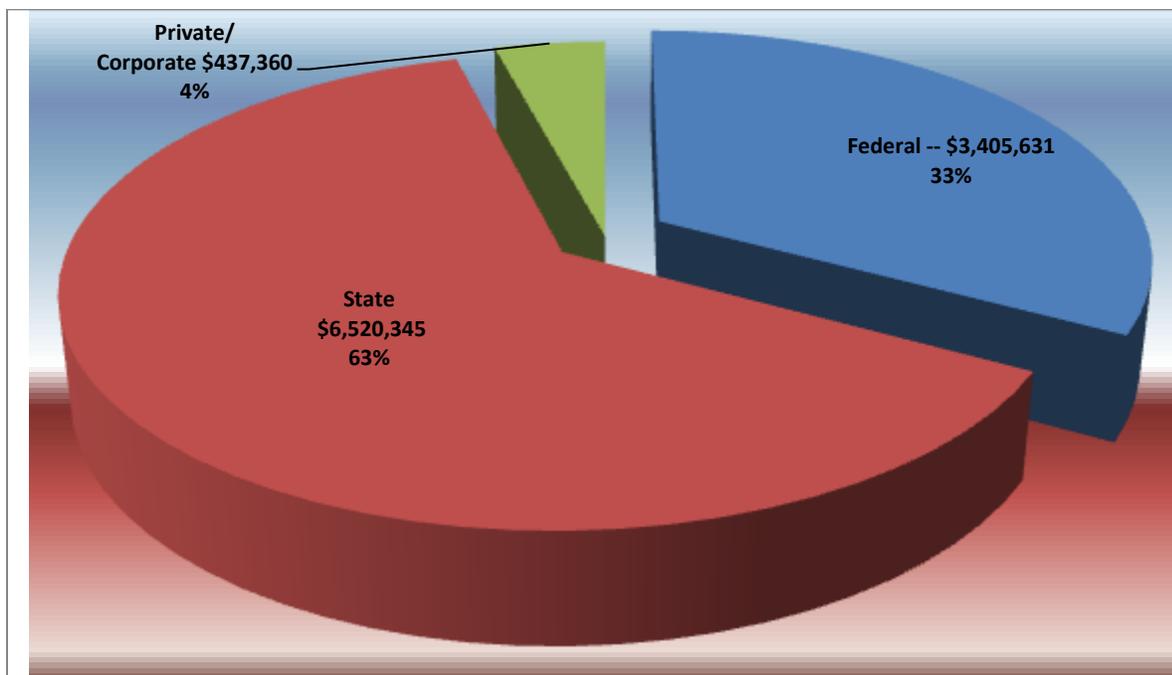


Dr. Nancy Carriuolo delivers her 2011-12 Mid-Year report to the Rhode Island College Community.

Number of Proposals Submitted and Awarded in FY 2012



Total Awards for FY 2012: \$10,363,336

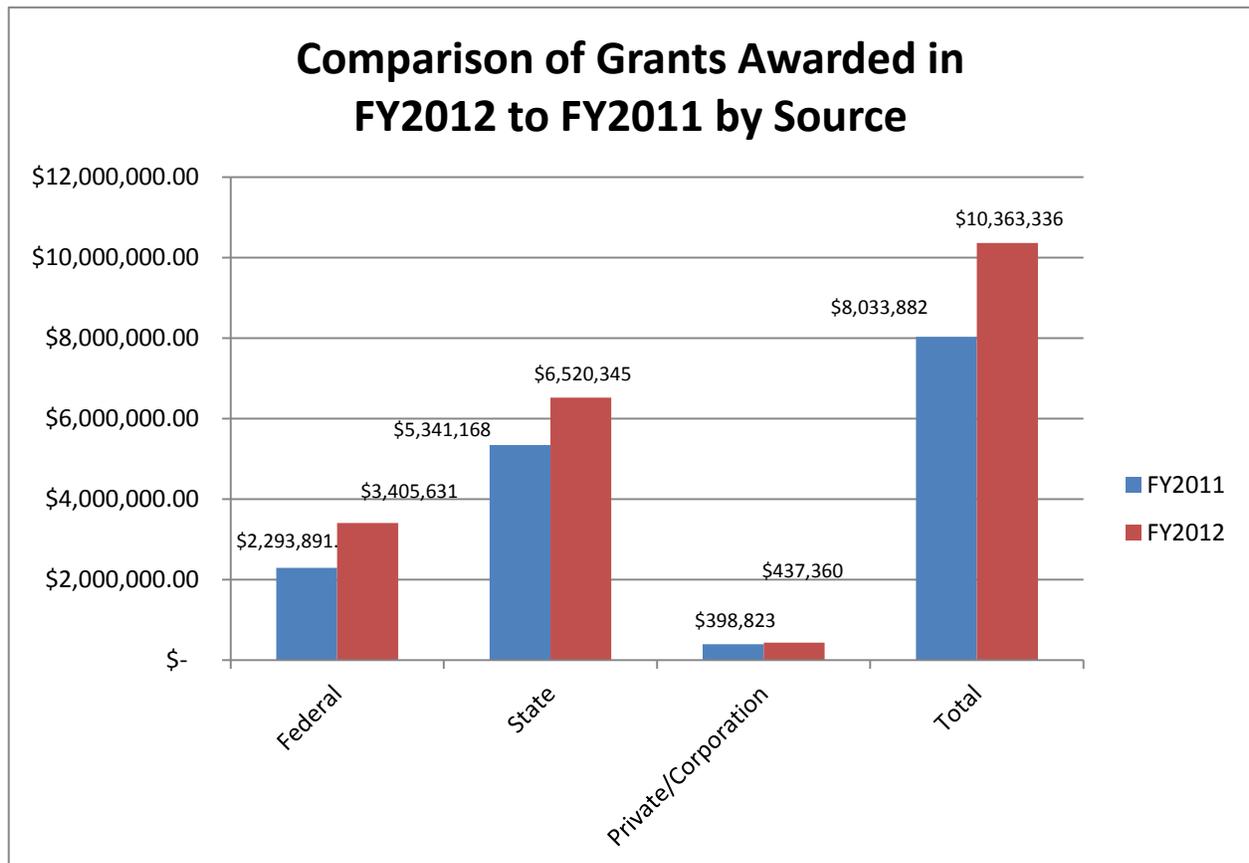


External Funding for Research and Sponsored Projects:

	PROJECTS Receiving External Funding in FY 2012
PRINCIPAL INVESTIGATOR	• PROJECT NAME
Karen Almeida	• NAMPT Regulation through Post Translational Modification
Edythe Anthony	• RI NSF EPSCoR
Anthony Antosh	<ul style="list-style-type: none"> • University Centers for Excellence in Dev. Disabilities • Early Intervention Training and Technical Assistance • State Personnel Development Grant • Vision Services • Surrogate Parents/Educational Advocates • Positive Behavioral Supports Training for RI Training School • Dual Sensory Impairment • Positive Educational Partnerships • Rhode Island Alternate Assessment • Employment Training • Rhode Island Technical Assistance Project • Think College • EnVISION Work • Blueprint for Change/Medicaid Expansion • Self-Determined Futures Curriculum
Mariam Boyajian	• Upward Bound
Deborah Britt	• Defining a Role for Bcp1 in DNA Damage Response of <i>Saccharomyces Cerevisiae</i>
Emily Cook	• Effects of Autonomy Relatedness and Stress Response on Adolescent Risk Behavior
Jennifer Cook	• Rhode Island Writing Project
Glenisson de Oliveira	• RITES (Rhode Island Technology Enhanced Science Project)
Dante Del Giudice	<ul style="list-style-type: none"> • Sustainable Communities Initiative • Summer Dual Enrollment Scholarship Program
Seth Dixon	• Rhode Island Geography Education Alliance
Anita Duneer	• The Japanese-American Internment Experience through Art & Literature
Paddy Favazza	<ul style="list-style-type: none"> • Establishing the Efficacy of the Special Friends Program • Young Athletes Project

	PROJECTS Receiving External Funding in FY 2012
PRINCIPAL INVESTIGATOR	PROJECT NAME
Jenifer Giroux	<ul style="list-style-type: none"> Project TRAMA Scholarship Project Project TRAMA Job Training Program Recertification Bristol County, Massachusetts Training Consortium Workforce Partnership of Greater Rhode Island Providence/Cranston Workforce Investment Dislocated Worker Training United Collaboration of Training Resources
Tonya Glantz	<ul style="list-style-type: none"> Child Welfare Institute System of Care/Family Care Community Partnerships Training
Beverly Goldfield	<ul style="list-style-type: none"> Early Comprehension of Nouns and Verbs
Antoinette Gomes	<ul style="list-style-type: none"> Equity Action/LGBTQ Baseline
Breea Govonar	<ul style="list-style-type: none"> Revealing Active Responses of the Ocean State's Marshes to Climate Change
Eric Hall, Randi Kim	<ul style="list-style-type: none"> Summer Undergraduate Research Fellowships (SURF) Program Coordinator
Julie Horwitz	<ul style="list-style-type: none"> Reassigned Time with Providence After School Alliance
Rudolf Kraus	<ul style="list-style-type: none"> Mt. Pleasant Teacher Academy
Maria Lawrence	<ul style="list-style-type: none"> RI Geography Education Alliance/Strategic Planning Project SUCCESS: Title IIA Partnership
Thomas Malloy	<ul style="list-style-type: none"> Effects of Perceiver Motivation and Visual Attention Training on Reduction of Cross Race Facial Recognition Bias
Thomas Meedel	<ul style="list-style-type: none"> Functional Conservation of Myogenic Regulatory Factors
Robin Montvilo	<ul style="list-style-type: none"> Project Connect Statewide
Annmarie Mumm	<ul style="list-style-type: none"> Family and Children's Trust Program Evaluation
Brandon Murakami	<ul style="list-style-type: none"> Numerical Tools for Spectra and Observables in Supersymmetric Models
Jay Nimmagadda	<ul style="list-style-type: none"> Youth to Success Program Evaluation
Cynthia Padula	<ul style="list-style-type: none"> Advanced Education Nursing Traineeship
Cynthia Padula, Belle Evans, Rachel Filinson	<ul style="list-style-type: none"> Rhode Island Geriatric Education Center
Ronald Pitt and Gary Penfield	<ul style="list-style-type: none"> Learning For Life
Kathryn Sanders	<ul style="list-style-type: none"> S-STEM Quahog Cohort Collaborative Research: A Disciplinary Commons in Computing Education
Alexander Sidorkin	<ul style="list-style-type: none"> US-Russia Partnerships Grants Contact Project

PROJECTS Receiving External Funding in FY 2012	
PRINCIPAL INVESTIGATOR	PROJECT NAME
Earl Simson	• Modern Language Studies in Portuguese
Sarah Spinette	• Investigating the Significance of Novel Forms of Ufd2a to Muscle Differentiation
Mary Sullivan	• Problem Solving and Critical Thinking with Discrete Math • Starship Poseidon Summer STEM Camp
Steven Threlkeld	• Anti-inflammatory Intervention and Neurobehavioral Outcome in Neonatal Ischemia
Daniel Weisman	• Project Restore Program Evaluation
John C. Williams	• Arylphosphonium Salt Conjugates Diagnostic Cell Imaging
Jane Williams	• Professional Development Specialist/Nurse Faculty • Gerontology Institute
Joseph Zornado and Ronald Pitt	• Faculty Center for Teaching and Learning



Internal Funding:

Faculty Research Committee:

Funding for these awards comes from the college, Rhode Island College Foundation (RIFC) and Alumni Affairs. In 2012, 19 faculty members received support for research projects through this fund.

	FY 2012	Projects Receiving Faculty Research Committee Funding
<i>Principal Investigator</i>	<i>Department</i>	<i>Project Title</i>
Mikaila Arthur	Sociology	How Do Peer Institutions Affect Higher Education Curricular Change Decisions
Mary Baker	Anthropology	Population Density and Habitat Usage by White-faced Capuchin Monkeys
Vincent Bohlinger	English	Soviet Visual Culture of the Twenties and Thirties
Roland de Gouvenain	Biology	Gap Effects on Regeneration and Growth of Southern New England Deciduous Forest Trees
Gale Goodwin Gomez	Anthropology	Ninam Language Documentation Project
Breea Govenar	Biology	Shedding Light into the "Black Box" of Food Webs at Deep-Sea Hydrothermal Vents
Gary Grund	English	Humanist Literary Theory
Claus Hofhansel	Political Science	Religious Minorities, Legal Recognition, and Institutional Change in Europe
Janet Johnson	Educational Studies	The Agentive Teacher Project
Kathryn Kalinak	English and Film Studies	Notes on Howard Hawks, Dimitri Tiomkin, and the American West
Chin Hin Leung	Physical Sciences	Using Alcohols as Molecular Building Blocks by Metal Catalyzed Hydrogen Borrowing
Christine Marco	Psychology	Young Adolescent Sleep Smart Education Program
Amy Montali	Art	Twelve New Large-Scale Photographs
Brandon Murakami	Physical Sciences	CP Asymmetries in Lepton-flavor Violating Observables in the Minimal Supersymmetric Standard Model
Jeannine Olson	History	The Anonymous Authorship of the Ecclesiastical History of the Reformed Churches of France
Elizabeth Rowell	Elementary Education	Comparing LGT Children's Books from the USA to Countries Approving Same Sex Marriage/Unions
Lisa Russell	Art	Optical Analysis of Light Qualities
Natasha Seaman	Art	The Religious Paintings of Hendrick Ter Brugghen: Reinventing Painting after the Reformation in Utre
John Williams	Physical Sciences	Antibiotic Polymers and Tamoxifen Mimics; Synthesis and Screening



"Pageant, 2010" by Amy Montali; archival ink jet print, 32" x 40"

With support through the Faculty Research Committee, Amy Montali, Assistant Professor, Art Department, developed a series of large scale photographs exploring psychologically charged social situations.

Amy Montali, at right, discusses her work at the Faculty Research Colloquium held in November 2011.



Faculty Development Fund (FDF):

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 2012, 71 Faculty members received support through the Faculty Development Fund.

FY 2012		Projects Receiving FDF Funding
<i>Principal Investigator</i>	<i>Department</i>	<i>Project Title</i>
Peter Allen	Anthropology	Presentation of Paper-Annual Meeting of American Anthropological Association
Karen Almeida	Physical Sciences	Attendance at Environmental Mutagen Society Mtng
Mikaila Arthur	Sociology	Presentation of Paper-American Sociological Association Meetings
Murat Aydogdu	Economics and Finance	Attendance at American Finance Assoc. Conference
Lisa Bain	Accounting and CIS	Presentation of Paper-Information Systems Educators Annual Academic Conference
Bain; Basu; Carter; Choi; Ramocki; Sahba; Tashiro; Wu	CIS, Economics, Management, Marketing	School of Management Faculty Development Workshop – Teaching Tips & Strategies
Suchandra Basu	Economics and Finance	Presentation of Paper-Southern Economic Association
Vincent Bohlinger	English	Presentation of Paper-Association for Slavic, East European, and Eurasian Studies
Stephen Brown	English	Presentation of Paper-International Conference
Meredith Burr	Mathematics and Computer Science	Attendance at Joint Mathematics Meetings 2012
Mary E. Byrd, Joanne F. Costello	Nursing	Poster Presentation-American Public Health Association Annual Meeting
Becky Caouette	English/First Year Writing Program	Panel Participation-Council of Writing Program Administrators Annual Meeting
Shani Carter	Management and Marketing	Attendance at Annual Academy of Human Resource Development Conference
Anne Carty	Nursing	Attendance at American Association of Critical Care Nurses Annual Conference
Emily Cook	Psychology	Symposium Presentation-Society for Research on Adolescents Meeting
Jason Danely	Anthropology	Presentation of Paper-Association of Asian Studies Annual Meeting
Monica Gorham Darcy	Counseling Educational Leadership and School Psychology (CEP)	Attendance at Certificate Program in Primary Care Behavioral Health at UMASS Medical School
Jennifer Davis-Duerr	Elementary Education	Poster Presentation-International Reading Association Annual Convention
Roland de Gouvenain	Biology	Presentation-Association of Tropical Biology and Conservation
Susan Dell	Special Education	Workshop Attendance-Using the IPAD as an Educational Tool
Shannon Dowd-Eagle	CEP	Presentation of Paper-National Association of School Psychologists Annual Meeting

FY 2012		Projects Receiving FDF Funding
Principal Investigator	Department	Project Title
Anita Duneer	English	Presentation of Paper/Panel Participation – Northeast Modern Language Association
Holly Dygert	Anthropology	Presentation of Paper-Ethnicity, Race and Indigenous Peoples in Latin America Conference
John Eagle	CEP	Presentation of Paper/Poster-National Association of School Psychologists Annual Meeting
Rachel Filinson	Sociology	Attendance at Eastern Sociological Society Meetings
Anthony Galvez	Communication	Presentation of Paper/Poster-Association for Education in Journalism and Mass Communication Annual Conference
Gale Goodwin Gomez	Anthropology	Presentation of Paper-International Colloquium on the Structure of Amazonian Languages
Roderick Graham	Sociology	Presentation of Paper/Sociology and Justice Studies Club attendance-Eastern Sociological Society Annual Meeting
Kathleen Gremel	Nursing	Presentation of Poster-American Public Health Association Convention
Melinda Gushwa	Social Work	Presentation of Paper-National Conference on Child Abuse & Neglect
Karen Hetzel	Nursing	Attendance-Nursing Network on Violence Against Women International Conference
Claus Hofhansel	Political Science	Presentation of Paper-Midwest Political Science Association
Elizabeth Holtzman	CEP	Attendance at Workshop-Assessment and Intervention for Child and Adolescent Executive Functioning Difficulties
Julie Horwitz	Educational Studies	Attendance at American Education Research Association 2012 Annual Meeting
Pamela Irving Jackson	Sociology	Presentations of Papers-American Sociological Association & Society for the Study of Social Problems
Alema Karim	Economics and Finance	Presentation of Paper-Eastern Economic Association Annual Conference
Prachi Kene	CEP	Attendance at Training-Annual Association of Suicidology Conference
Paul LaCava	Special Education	Attendance at International Meeting for Autism Research
Elaine Magyar	Physical Sciences	Software Upgrade for Exploring Molecular Landscapes Using Computational Chemistry
Mary Ellen McGuire-Schwartz	Elementary Education	Attendance at CAST Institute and Consultation: Further Exploration of Universal Design for Learning
Corinne McKamey	Elementary Education	Presentation of Paper-Association of Teacher Educators Conference
Meradith McMunn	English	Attendance at York Medieval Drama Conference
Eung-Jun Min	Communication	Presentation of Papers-National Communication Association Convention

FY 2012		Projects Receiving FDF Funding
Principal Investigator	Department	Project Title
Amy Montali	Art	Attendance at Society for Photographic Education 49 th Annual National Conference
Robin Montvilo	Psychology	Attendance at Programs-New England Institute of Addiction Studies
Ann Moskol	Mathematics and Computer Science	Attendance at the Consortium for Computing Sciences in Colleges Annual Conference
Christine Mulcahey	HBS	Presentations at the National Art Education Association Annual Meeting
Brandon Murakami	Physical Sciences	Research in the Supersymmetric Standard Model
John Niska	Educational Studies	Presentation of Paper-American Education Research Association Annual Conference
Jeannine Olson	History	Presentation of Paper-16 th Century Studies Conference
Carolyn Panofsky	Educational Studies	Presentation of Paper-The International Society for Cultural Activity Research
Patricia Quigley	Nursing	Attendance at American Association of Critical Care Nurses Conference
Stephen Ramocki	Management and Marketing	Accompany American Marketing Association Students to American Marketing Association International Student Conference
Maureen Reddy	English	Presentation of Paper-Clinton Institute for American Studies Conference
Lisa Russell	Art Department	Attendance at Exhibition of Alighiero Boetti's Work
Kathryn Sanders	Mathematics and Computer Science	Attendance at Consortium for Computing Sciences in Colleges New England Conference
Namita Sarawagi	Mathematics and Computer Science	Presentation of Workshop-Consortium for Computing Sciences
Barbara Schapiro	English	Presentation of Paper-International Association for Relational Psychoanalysis and Psychotherapy
Janne Schwager	Nursing	Presentation of Poster-American Public Health Association Annual Meeting
Debra Servello	Nursing	Presentation of Poster-Nurse Educator Conference
Alison Shonkwiler	English	Chair Conference Panel-Modern Language Association
Aaron Smuts	Philosophy	Presentation of Paper-Rocky Mountain Ethics Congress
Ezra Stieglitz	Elementary Education	Designing a Course on Holocaust and Genocide for the New General Education Program
Sanae Tashiro	Economics and Finance	Attendance at Allied Social Science Assoc Meetings
Patricia Thomas	Nursing	Attendance-American Association of Colleges in Nursing Masters Education Conference
Richard Whitten	Art	Fellowship at Ballinglen Arts Foundation
Marie Wilks	Nursing	Presentation of Poster- Conference of Nurse Educators
John Williams	Physical Sciences	Consultation at Federal Agencies (NIH, NCI, DOD) on Cancer Research
William Wilson	Music, Theater & Dance	Certification in Margolis Method Acting
Jiyun Wu	Management and Marketing	Attendance at International Assoc. for Business and Society Conference

Supporting RIC's Strategic Plan - Vision 2015

RIGOROUS PROGRAMS “... that foster and sustain academic programs and co-curricular activities and demonstrate intellectual engagement, cultural inquiry, and scholastic collaboration” *Vision 2015*



Dr. Karen Almeida

RI INBRE

*Institutional Development Award (Idea)
Network of Biomedical Research
Excellence*

The RI INBRE Project involves the primarily undergraduate institutions in Rhode Island (Bryant University, Providence College, Rhode Island College, Roger Williams University, and Salve Regina University) in involving undergraduate students in research, publishing results, and developing sustainable student training programs. Senior investigators from the University of Rhode Island, Brown University, and other institutions mentor the junior investigators by providing guidance in preparing proposals, submitting manuscripts, and designing experimental strategies. In 2012, Dr. Karen Almeida, Dr. Deborah Britt, and Dr. Sarah Spinette, through the support and mentorship of the INBRE Project, submitted R15 proposals to the National Institutes of Health to further their respective research projects.

Karen Almeida, *Associate Professor,
Chemistry*

INBRE: NAMPT regulation through post translational modification

Award: \$66,853

Sponsor: National Institutes of Health (NIH)/University of Rhode Island

NAMPT has been implicated in numerous human disorders including diabetes, ischemia, heart disease and cancer. The NAMPT enzyme works in a salvage pathway to repair cellular NaD⁺ levels, which are depleted by the hyper-activation of PARP enzymes that work to repair damaged DNA. Dr. Almeida's project explores the influence

of NAMPT on cellular pathways and seeks to identify interacting partners of NAMPT. The result will identify multiple interacting partners of NAMPT and assist in the targeting of cellular energetics for drug development.

Deborah Britt,

Assistant Professor, Biology

INBRE: Defining a role for Bcp1 in the DNA damage response of *Saccharomyces cerevisiae*

Award: \$74,154

Sponsor: National Institutes of Health (NIH)/University of Rhode Island

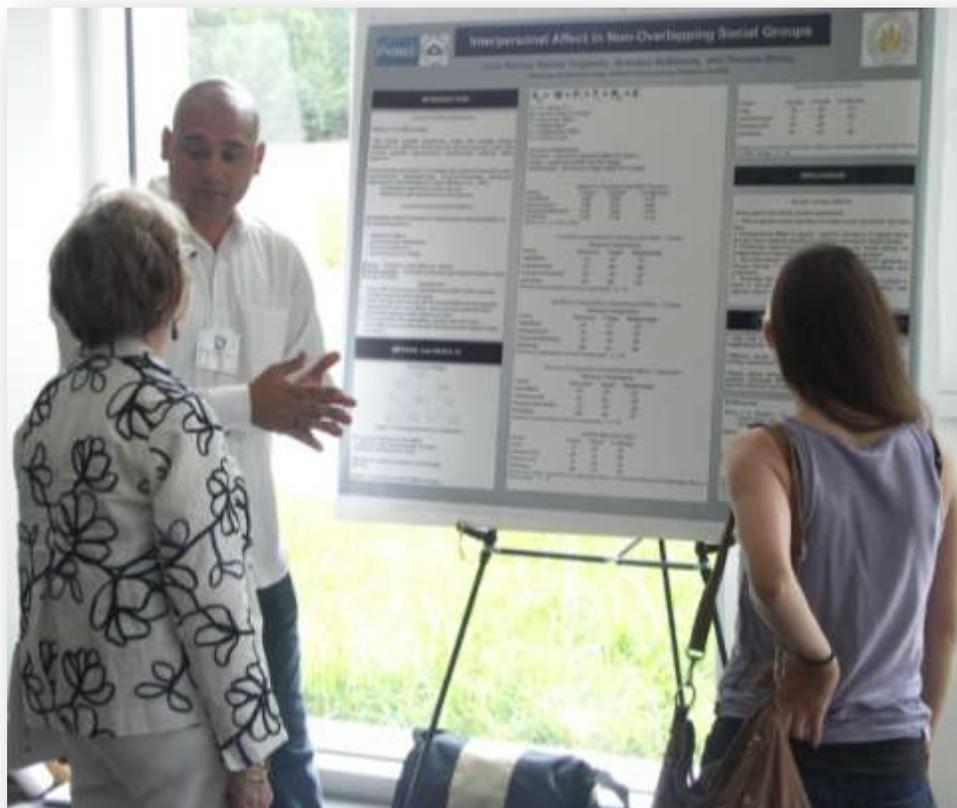
The goal of Dr. Britt's INBRE-sponsored research is to advance the understanding of DNA repair, using budding yeast, *S. cerevisiae*, as a model system to study the function of a protein known as Bcp1 in yeast, or BCCIP in humans. BCCIP acts as a tumor suppressor, promotes cell cycle arrest following DNA damage, and participates in DNA repair. Using molecular and cellular techniques, the research is designed to define the role of Bcp1 in the DNA damage response and gain insight as to the biological function of this molecule.

Emily Cook, *Assistant Professor, Psychology*
INBRE: Effects of Autonomy-Relatedness and Stress Response on Adolescent Risk Behavior

Award: \$83,627

Sponsor: National Institutes of Health (NIH)/University of Rhode Island

Risk behaviors, including delinquent behavior, aggressive behavior, and



Brandon DeSimone, SURF student, discusses new data from Dr. Malloy's Intergroup Relations Laboratory with President. Carriuolo.

substance use, are a major health concern for adolescents, and place youth at increased risk for adverse mental and physical health outcomes in adulthood. An important factor that may account for differences in risk behavior is adolescents' stress response brought on by developing the autonomy needed to successfully transition to adulthood. Dr. Cook's research involves a correlational study utilizing a developmentally valid interaction task with 100 parents and adolescents (14-16) to examine the role of the stress

response, as measured by heart rate, blood pressure, and cortisol. This study will help to identify vulnerabilities during adolescence that can change the course of risk behaviors and inform more targeted prevention efforts.

Beverly Goldfield, *Professor, Psychology*
INBRE: Assessing Word Comprehension in Young Children

Award: \$19,205

Sponsor: National Institutes of Health (NIH)/University of Rhode Island

Dr. Goldfield is continuing her studies of word comprehension in four and five-year old children. The Preferential Looking Task (PLT) will be used to test noun and verb pairs in a sample of normally developing

provide the basis for a subsequent investigation in which the PLT will be used to assess word comprehension in children with developmental disorders that limit the appropriateness of standardized tests of language comprehension.

Eric Hall, *Associate Professor, Biology*
INBRE/EPSCoR: Summer Undergraduate Research Fellowship (SURF)

Award: INBRE - \$184,842 EPSCoR - \$11,722

**Sponsor: INBRE: National Institutes of Health (NIH)-University of Rhode Island
EPSCoR: National Science Foundation (NSF) - Roger Williams University**

The SURF program at RIC offers summer research opportunities to qualified undergraduate students who are



Dr. Goldfield's summer SURF students present their research findings at the 2012 URI-sponsored SURF conference.

children. A standardized test of word comprehension will also be administered. The hypothesis tested is that children's scores on the PLT will correlate with scores on the standardized test. This data will

considering a career in biomedical or behavioral research. The goals of the program are to help students pursue laboratory research and to familiarize them with career opportunities in these areas of

science. This ten week summer program involves a hands-on research project with a faculty member, supplemented by a series of workshops and group instruction in which students are exposed to a variety of general research issues and practices.

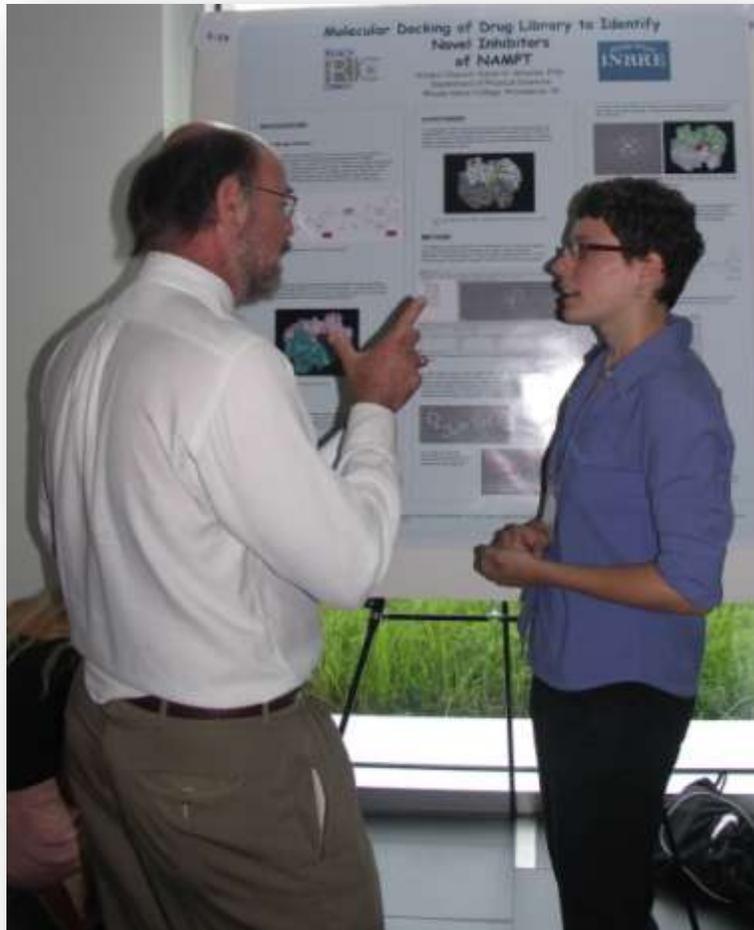
“The SURF program provided an opportunity to learn and get a feel for the research field. Dr. Cook was extremely helpful in teaching us about researching literature, writing up a review on the literature, designing an experiment, learning about SPSS, key concepts related to the social sciences, and so much more. The conference was especially exciting. I could probably write a paper on how beneficial this program is to students; without federal funding for this program, I personally would have had to work at a McDonald's or somewhere where I would not gain such vast experience. I really enjoy the benefit of the SURF program, and I am looking forward to more research projects.”

Kyle J. Fernandes, 2013, Psychology Major

Thomas Malloy, Professor, Psychology
INBRE: Effects of Perceiver Motivation and Visual Attention Training

Award: \$16,833

Sponsor: National Institutes of Health (NIH)/University of Rhode Island



Dean Simson discusses the SURF Poster presentation with student researcher, Kristen Chauvin.

A basic finding in social psychology is that people have superior recognition memory for the faces of members of the racial group to which they belong (i.e., the in-group) compared to faces of members of a racial group to which they do not belong (i.e., the out-group). This is termed the Cross Race Effect (CRE). This experiment aims to reveal whether methods designed to reduce the CRE have their effect during visual processing of a person's face during encoding, retrieval, or at both phases of facial processing.

Thomas Meedel, *Professor,*
Biology

**INBRE: Experimental Test of
the Myogenic Code
Hypothesis**

Award: \$17,416

**Sponsor: National Institutes
of Health (NIH)/University of
Rhode Island**

The objective of Dr. Meedel's project is to determine whether the alanine-threonine (Ala-Thr) dipeptide found in all Myogenic Regulatory Factor (MRF) genes and known as the "Myogenic Code", is essential for their activity. MRFs exist in animals ranging from worms to humans. MRF genes have been shown to be involved in muscle repair and regeneration following injury or disuse, and to play significant roles in certain muscle abnormalities and disease states. In addition to providing insight into the fundamental properties of the MRF gene family, this project allows undergraduate students to fully participate in meaningful scientific research.

Sarah Spinette, *Assistant Professor,*
Biology

**INBRE: Investigating the Significance of
Novel Forms of Ufd2a to Muscle
Differentiation**

Award: \$88,252

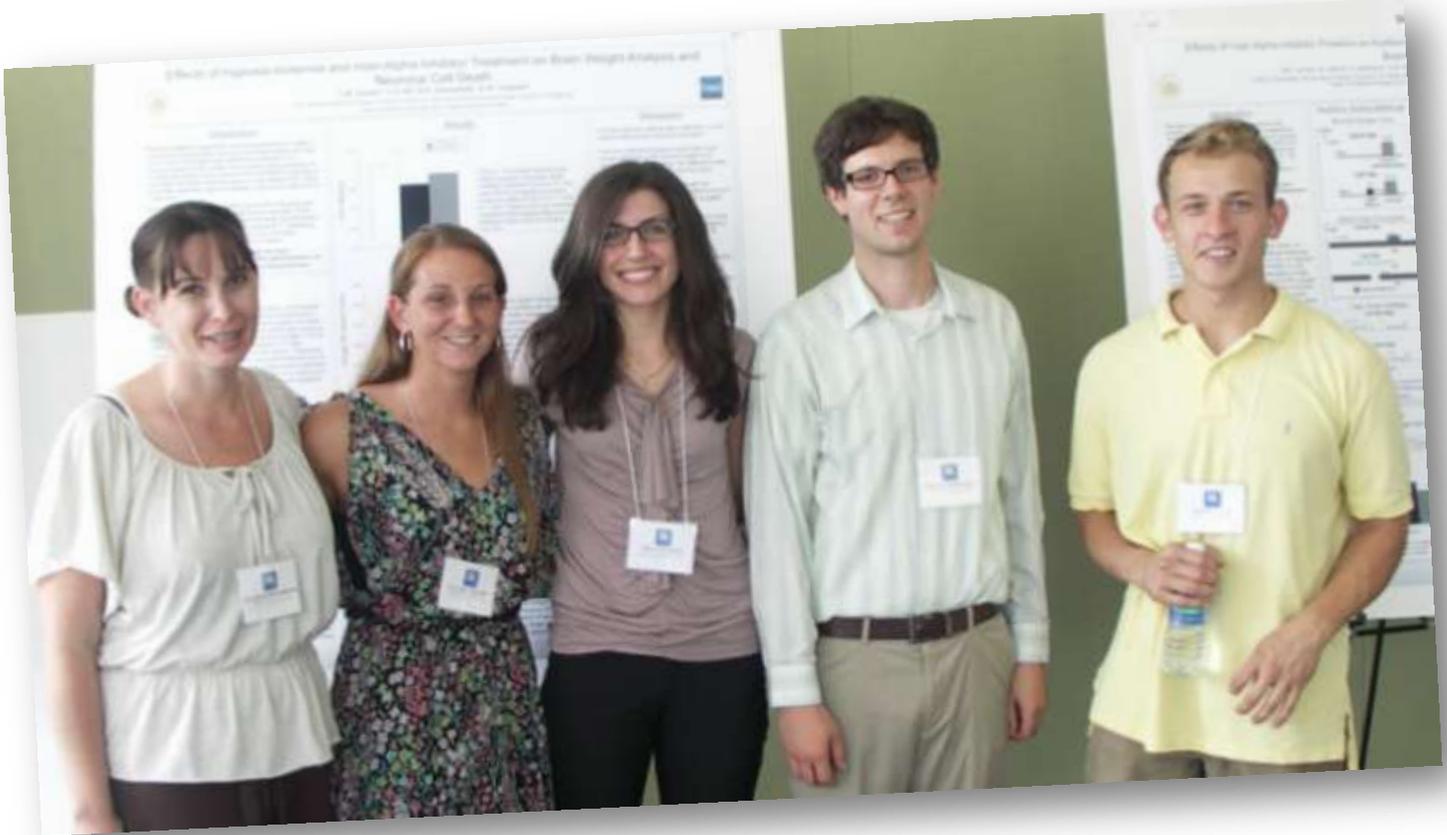
**Sponsor: National Institutes of Health
(NIH)/University of Rhode Island**

Dr. Spinette's research addresses the hypothesis that the alternative isoforms of Ufd2a, an enzyme involved in the



A student researcher measures a volume of liquid with a micropipette.

degradation of certain proteins, are important for the process of striated muscle cell differentiation and development. According to Dr. Spinette, whose research interests include skeletal muscle differentiation and development, protein degradation and protein interactions, the INBRE-sponsored studies may provide insights into the mechanisms of cardiac and skeletal muscle development.



Threlkeld lab at the 2012 Summer Undergraduate Research Conference at URI. (L-R: Katrina Feyerherm (Psychology), Cynthia Gaudet (Biology masters student), Molly La Rue (Psychology), Dr. Threlkeld (Psychology), and Nick Lafond (Psychology)).

Steven Threlkeld, *Assistant Professor, Psychology*

INBRE: Anti-Inflammatory Intervention and Neurobehavioral Outcome in Neonatal Ischemia

Award: \$111,318

Sponsor: National Institutes of Health (NIH)/University of Rhode Island

Dr. Threlkeld’s research project uses rodent models to assess the efficacy of inter-alpha inhibitor proteins (IAIPs) in the prevention of neonatal brain damage and subsequent learning impairments. Dr. Threlkeld reports that neonatal cerebral oxygen deprivation (hypoxia) and reduced blood flow (ischemia) can result from umbilical cord occlusion, prolonged labor, and preterm birth. Hypoxia and ischemia can produce an

inflammatory response and neuronal cell death, which contribute to poor cognitive outcomes and learning disabilities later in life. This research assesses potential long-term benefits of translational experimental treatment strategies.



RIC students sampling mussels in salt marshes in Rhode Island. Above: Mike Martel (B.A. in Education candidate) and Kyle Schoolcraft (B.S. in Biology candidate). Right: Janis Hall (M.A. in Biology candidate)

John Williams, Professor, Chemistry
INBRE: Arylphosphonium Salt Conjugates
Diagnostic Cell Imaging
Award: \$14,622
Sponsor: National Institutes of Health (NIH)/University of Rhode Island

Dr. Williams and his undergraduate research group are continuing an INBRE-funded project designed to synthesize new estrogen-active compounds. Arylphosphonium salts are the antibiotic monomers in antibiotic polymers and are among the anti-cancer and estrogenic compounds that are potentially useful in fabricating medical plastics. Dr. Williams' research is synthesizing variations of these compounds in search of more active/selective antibiotics and potential anti-cancer agents.

RI STAC

Rhode Island Science and Technology Advisory Council

The Rhode Island Science and Technology Advisory Council (STAC) was launched in 2005 to make innovation central to the state leadership's agenda. STAC assists the state's leaders in developing programs and policies that increase research capacity, encourage entrepreneurship, and enable organizations to innovate. The RI STAC funds scientific research projects that promote collaboration between public and private research institutions and/or expand the state's research infrastructure.



Breea Govenar, *Assistant Professor, Biology*
Revealing Active Responses of the Ocean State's Marshes to Climate Change
Award: \$50,842
Sponsor: Rhode Island Research Alliance/ Science and Technology Advisory Council (STAC)

The aim of this collaborative project with Dr. Serena Moseman-Valtierra (URI) is to study the effect of elevated temperatures on greenhouse gas fluxes in coastal salt marshes along a nitrogen-loading gradient in Narragansett Bay. Dr. Govenar and her research group focus specifically on how



Dr. Brandon Murakami, at left, presents at the Faculty Research Colloquium.

the ecology of the dominant benthic invertebrates, the ribbed mussels, contribute to the emission of greenhouse gasses, and Dr. Moseman-Valiterra and her group focus on the contribution of the plants and sediments. This project includes training RIC undergraduates and Master's degree candidates.

NSF: RUI (Research in Undergraduate Institutions)

Brandon Murakami, *Assistant Professor of Physical Sciences*
RUI: Numerical Tools for Spectra and Observables in Supersymmetric Models
Award: \$2,500
Sponsor: National Science Foundation (NSF)

“This NSF RUI award will result in a multi-year research program to be proposed to the NSF the following cycle. If successful, Rhode Island College will establish its first-ever high energy physics program.”

Brandon Murakami, Ph.D.

NSF supported the travel of Dr. Murakami to Nagoya University in Japan to consult with the pioneers of rare muon decay studies on developing a new, multi-year research program - the first-ever high energy physics program at RIC. Successful funding in the next cycle will allow Professor Murakami to establish authority on rare muon decay studies in supersymmetric models.

NSF: EPSCoR (Experimental Program to Stimulate Competitive Research)

Edythe Anthony, *Professor,
Biology*

RI NSF EPSCoR

Award: \$105,419

**Sponsor: National Science Foundation
(NSF)/University of Rhode Island**

RI-EPSCoR is a collaboration among Rhode Island's institutions of higher education to increase the state's research competitiveness, specifically in marine life science. The RI-EPSCoR vision is that Rhode Island will be an international leader in the understanding and predicting of the response of marine organisms and marine ecosystems to climate variability.



Students engage in dissection activities, which are fundamental in the study of biology.

At RIC, EPSCoR funds support faculty research and provide assistantships for graduate students in the Master of Arts in Biology program.

EPSCoR Funded Project:

Breea Govenar, *Assistant Professor, Biology*, focused her research on the ecology of Narragansett Bay. Different parts of the Bay receive varied amounts of nutrient wastes, such as nitrogen. Processing these nutrients involves the interaction of larger animals, such as mussels, and the microbes that live within them. Dr. Govenar and her students collected mussels and other organisms from salt marshes along a nutrient gradient to

analyze what microorganisms inhabit their gut. This research has implications for maintaining the health of the bay.

EPSCoR Funded Project:

Rebeka Merson, Associate Professor, Biology, continued her work on the effects of the common environmental pollutants known as PCBs on marine organisms called skates. Dr. Merson's previous work has shown that PCBs may cause their effects by interacting with a protein found on the surface of cells called AHR.

EPSCoR Funded Project:

John Williams, Professor, Chemistry, Physical Sciences, worked to synthesize chemical compounds known as arylphosphonium salt conjugates. Previous research indicates that members of this chemical family are potential anticancer drugs.

Kathryn Sanders, Professor, Mathematics and Computer Science

S-STEM: Quahog Cohorts - A Community of Student Scientists

Award: \$173,239

Sponsor: National Science Foundation (NSF)

The NSF has again funded the Quahog Cohort, a community of student scientists at RIC. Each year the S-STEM project creates a small but sustainable interdisciplinary community of students who are majoring in biology, chemistry, computer science, mathematics, and/or physics. Each cohort forms part of a Learning Community that takes courses together for their first two years. S-STEM students are introduced to research via a "Community of Practice" in their freshman year and join a research group as sophomores. As juniors and seniors, participants continue with courses

in their respective majors, mentor younger cohorts and help recruit new cohorts, while becoming more deeply involved in their own research.

STUDENT LIFE: "Create a diverse and inclusive campus culture that consistently makes students and their learning the priority." Vision 2015



Antoinette Gomes, *Director, The Unity Center*

LGBTQ Baseline

Award: \$3,000

Sponsor: Rhode Island Foundation

The Unity Center increases cultural awareness by providing a safe forum for exploring issues pertaining to diversity, equity and inclusion, and through this work, assists students in becoming informed, productive citizens. As part of the center's mission to advance equitable treatment and improve the quality of life of lesbian, gay, bisexual, transgender, and questioning (LGBTQ) individuals at RIC and in the broader community, the center received a grant from The Rhode Island Foundation's Equity Action Fund to support its LGBTQ Baseline project. This funding will help The Unity Center to increase awareness of LGBTQ issues on campus by developing a profile of the college's LGBTQ population, expanding the center's collection of LGBTQ-relevant titles and sponsoring its "Closets are for Clothes" program.

Anthony Antosh, *Professor, Special Education; Director, Paul V. Sherlock Center on Disabilities*

In FY 2012, the Sherlock Center received \$5,036,098 in federal, state, and private support, of which \$552,434 is new funding.

The Paul V. Sherlock Center on Disabilities, under direction of Dr. Anthony Antosh, was founded at Rhode Island College in 1993. The Sherlock Center is one of 67 University Centers on Excellence in Developmental Disabilities (UCEDD) Education, Research, & Service. These centers are federally designated through a competitive grants process. The Sherlock Center has

established a reputation for community inclusion. Sherlock collaborates with state agencies and community partners to provide integrated education and employment services to students and adults with disabilities. During 2012 more than 17,000 Rhode Islanders participated in more than 350 Sherlock Center professional development activities.

New Awards to the Sherlock Center for 2012:

System of Care Medicaid Expansion (Blueprint for Change)

Award: \$143,350

Sponsor: RI Department of Children Youth and Families (RI DCYF)

Early Intervention Training and Technical Assistance

Award: 325,992

Sponsor: US Department of Education

Self Determined Futures Curriculum

Award: \$13,247

Sponsor: US Department of Education / University of Kansas

EnVISION Work

Award: \$54,845

Sponsor: The Rhode Island Foundation

Think College

Award: \$15,000

Sponsor: Association of University Centers on Disabilities



Lorne Adrian, Chairman RIBGHE, presents President Carriuolo with the Learning for Life

Ronald Pitt and Gary Penfield

Vice President for Academic Affairs and Vice President for Student Affairs, respectively

Learning for Life

Award: \$309,478

Sponsor: U.S. Dept. of Education/RI Office of Higher Education

Learning for Life, a collaborative project between RIC, Goodwill Industries of RI and the College Crusade, received \$705,057 in funding over two years from the RI Board of Governors for Higher Education through its College Access Challenge Grant program. This multi-faceted award allows RIC to work with at-risk traditional college-age students and adult learners to help them overcome barriers that stand in the way of making college a priority. Targeting entering and enrolled RIC students, the project offers a comprehensive range of academic, social, and life skill supports such as financial literacy and career planning workshops, personalized assessment and case management, and academic supports designed to enhance persistence rates. Additionally, the project will craft a model that engages peer advocates from the current student body to support Learning for Life participants.



VPAA, Ron Pitt, joins the kick off celebration for the Learning for Life project.

Annamarie Mumm, *Professor, MSW Program*

Family and Children's Trust

Award: \$13,999

Sponsor: RI Department of Children Youth & Families (RI DCYF)

This grant provides funding for a graduate student in the School of Social Work to work as a consultant to the RI Family and Children's Trust Fund Advisory Committee under the supervision of Dr. Mumm. The graduate student works as a technical assistant to help design the program evaluation parameters and reporting expectations for the Community-Based Child Abuse Prevention (CBCAP) program.

Mariam Z. Boyajian,

Director, Upward Bound

Upward Bound

Award: \$622,000

Sponsor: US

Department of

Education

The Rhode Island College Upward Bound Program is designed to instill in low-income, potentially first-generation college students, the skills and motivation to complete high school and to enter and graduate from college. The goal is to increase the high school and college graduation rates of program

participants. Upward Bound provides equal access and opportunity to students from specific target high schools who meet federal eligibility requirements. The program offers rigorous academic instruction, counseling, support services, and an environment that recognizes individual differences and academic potential.



Vice President for Student Affairs Gary Penfield, Upward Bound Director Mariam Boyajian, and President Carriuolo award a certificate of completion to a member of the Upward Bound class of 2012 who will be attending RIC in the Fall.



Middle school students participate in a STEM interactive workshop

ENVIRONMENT: “Optimize a welcoming and supportive physical and technological environment that provides teaching, learning, research, and gathering spaces that are functionally effective, aesthetically pleasing, and sustainable.” *Vision 2015*

Mary Sullivan, *Professor, Mathematics and Computer Science*

Problem Solving and Critical Thinking with Discrete Mathematics (Title II)

Award: \$78,044

Sponsor: U.S. Dept. of Education/RI Office of Higher Education

Dr. Sullivan is conducting a three-year professional development program to educate elementary school teachers in problem solving and critical thinking with discrete mathematics. Through grant-supported workshops, teachers develop, teach, and refine problem solving lessons involving discrete mathematics into existing curricula that will be shared with other teachers.

Mary Sullivan

STEM Summer Camp

Award: \$29,813

Sponsor: U.S. Navy

The Office of Naval Research partnered with RIC, the Naval Academy Preparatory School (NAPS), Naval Undersea Warfare Center (NUWC) Newport, and Naval Station Newport (NAVSTA) to implement a STEM

program for students in July 2012. Program content included hands-on exposure to STEM content in NAPS facilities, physical fitness activities at NAVSTA, and road trips to Naval Submarine Base Groton and to the U.S.S. CONSTITUTION in Boston.

Joseph Zornado and Ronald Pitt,

Professor, English and Vice President for Academic Affairs, respectively

Faculty Center for Teaching and Learning (FCTL)

Award: \$66,613

Sponsor: Davis Educational Foundation



Dr. Zornado at the Faculty Center for Teaching and Learning

The FCTL is in the third year of a three-year start-up grant supported by the Davis Educational Foundation. Dr. Zornado led the launch of this college-wide collaboration among departments,

disciplines, and schools designed to foster the professional development of faculty in teaching at RIC. The FCTL provides opportunities to discuss issues related to teaching, the latest scholarship on teaching and learning, and offers workshops and consultation services to faculty who wish to develop, enhance, and improve face-to-face, on-line, and hybrid teaching.

RESOURCES: “Develop and achieve proactive, comprehensive, and effective communications and interactions with internal and external communities.” *Vision 2015*

Paddy Favazza, *Professor, Special Education*

Establishing the Efficacy of the “Special Friends” Program

Award: \$238,696

Sponsor: U.S. Department of Education/University of Illinois at Urbana-Champaign

Dr. Paddy Favazza is working with Dr. Michaelene Ostrosky of the University of Illinois at Urbana-Champaign to examine the efficacy of a kindergarten intervention to promote acceptance of, and social interactions with, children with disabilities. The four-year study began in 2008 with funding through the US Department of Education. As more classrooms become inclusive, this research will provide teachers and parents with strategies that encourage positive interactions among children with and without disabilities. The study tests whether providing information about children with disabilities and opportunities

for positive peer interactions improves children's attitudes toward individuals with disabilities.

Paddy Favazza
Young Athletes Project (Special Olympics)
Award: \$8,373
Sponsor: Special Olympics/ University of Massachusetts Boston

Rhode Island College is working with the University of Massachusetts Boston on this study to assess the benefits of the Young Athletes program on the development of children with disabilities. The study is funded by the Special Olympics. The Young Athletes program is intended to promote motor, social, and cognitive development in children ages two and one-half to seven through physical activity and play, with an emphasis on sports skill development.

Robin Montvilo, Professor, Psychology
Project Connect Statewide
Award: \$12,000
Sponsor: U.S. Department of Education/ Children's Friend & Service of RI

Project Connect, a program of Children's Friend, is a comprehensive community based intervention program that provides intensive home-based treatment and referral services to high-risk families who are affected by parental substance abuse and are involved in the child welfare system. RIC's Institute for Addiction Recovery is working with the program to identify and promote legislative initiatives that increase recovery support for families, conduct trainings/presentations on working with families in recovery, and monitor the progress of parents involved in the program.



Rhode Island College and Children's Friend and Service host a Project Connect workshop.

Jennifer Cook, *Associate Professor, English;*
Executive Director, RI Writing Project

Rhode Island Writing Project

Award: \$12,000

**Sponsor: Rhode Island Department of
Education (RIDE)**

The Rhode Island Writing Project (RIWP) is a network of K-12 teachers, housed at Rhode Island College, who are dedicated to the improvement of teaching and learning. RIWP teachers work in multiple content areas and at all grade levels, helping students become thoughtful readers and writers, while connecting reading and writing to content learning. During summer institutes, teachers explore literacy and best practices, and students learn about the craft of writing.

Seth Dixon, *Assistant Professor, Geography
Program*

**Rhode Island Geography Education
Alliance (RIGEA)**

Award: \$32,000

**Sponsor: National Geographic Society
Education Foundation**

Dr. Dixon received this grant from the National Geographic Education Foundation (NGEF) to act as Interim Alliance Coordinator for the RIGEA housed at Rhode Island College. Dr. Dixon will work with the existing Steering Committee to diversify membership and reinvigorate the goals of the Alliance to reflect the cross-disciplinary nature of geographical sciences. RIGEA is the only professional geography education organization in the state dedicated to ensuring that the study of geography in Rhode Island's schools permeates the curriculum.

Julie Horwitz, *Assistant Professor,*
Educational Studies

**Reassigned Time with Providence After
School Alliance**

Award: \$3,000

Sponsor: Providence After School Alliance

The Providence After School Alliance (PASA) runs the AfterZone after-school program for Providence public school children. This grant allowed Dr. Horwitz and Dr. Corinne McKamey to observe and analyze best teaching and organizational practices in the AfterZone program at Roger Williams Middle School, Audubon Society of Rhode Island, and Save the Bay. The professors identified areas to improve the quality of teaching while preserving the more relaxed and fun atmosphere of an after school program.

Maria Lawrence, *Associate Professor,*
Elementary Education

**Rhode Island Geography Education
Alliance Strategic Planning**

Award: \$6,000

Sponsor: The Rhode Island Foundation

Rhode Island Geography Education Alliance (RIGEA), in association with National Geographic Society, was established at RIC in 1991. Its purpose is to advance geography teaching in RI schools and improve geography literacy through outreach and professional development programs via workshops, conferences and institutes. Dr. Lawrence and RIGEA received a strategic planning grant from The Rhode Island Foundation that will enable RIGEA to examine relevant programming and identify activities to realize the goal of geography literacy of 80% of RI graduating high school seniors by 2025.



Students capture a few moments in the sun to study in front of Rhode Island College's School of Social Work.

**Maria Lawrence
Project SUCCESS**

Award: \$25,040

**Sponsor: US Department of Education /
Northern RI Collaborative**

This Title IIA partnership grant with Northern Rhode Island Collaborative works with the Pawtucket and North Providence school districts to improve: 1) academic achievement of elementary school students in science, 2) teachers' knowledge and instruction of science with quality curriculum and assessment systems, and 3) the capacity of district leaders to sustain systemic and project support.

RESOURCES: "Create and sustain a larger and more diverse set of revenue streams and resources that support the mission, development, and long-term vitality of the college."

Vision 2015

**Tonya Glantz, Director, Child Welfare
Institute**

Rhode Island Child Welfare Institute

Award: \$669,816

**Sponsor: US Dept. of Health & Human
Services / RI Department of Children Youth
& Families**

The Rhode Island Child Welfare Institute (CWI) is a collaboration between the RI DCYF and RIC's School of Social Work. Its aim is to share child welfare practices with RIC's undergraduate and graduate social work programs. CWI provides pre-service training for newly hired employees and intermediate and advanced training for professionals in child welfare and human service systems. CWI utilizes training as an opportunity to engage critical constituents in dialogue that will help to inform ongoing change for Rhode Island's children, youth, and families and the professionals who work with them.

Tonya Glantz
System of Care

Award: \$100,000

Sponsor: RI Department of Children Youth & Families

The Child Welfare Institute (CWI) is the training and certification partner for Rhode Island's Department of Children, Youth and Families' (DCYF) system of care (SOC) transformation process. Within the DCYF model a SOC is defined as "a set of values and principles that provides an organizing framework for system reform on behalf of children, youth and families." DCYF's SOC uses a service delivery approach that is team-based, individualized and family driven. It meets the needs of children, youth and families across the continuum of being at risk of becoming involved or who are involved with RI's child welfare system.

Daniel Weisman, *Professor, BSW Program*
Project Restore-Evaluation

Award: \$18,120

Sponsor: RI Department of Human Services

Dr. Weisman is performing an evaluation of a federally funded project designed to assist previously supportive, non-custodial parents to re-establish child support behaviors and payments. Parents in Project Restore are working with the Office of Child Support Services. This evaluation will measure outcomes of case management interventions provided to a caseload of parents.

Jayashree Nimmagadda, *Professor, MSW Program*

Evaluation of Youth to Success Program

Award: \$86,055

Sponsor: RI Department of Human Services

RIC's School of Social Work is working with the Rhode Island Community Action Association (RICAA) to evaluate their Youth Success program. Nine agencies throughout the state are administering Youth Success, which assesses the needs of pregnant and parenting teens in the areas of daily living skills, social skills and completing secondary education and/or a GED. The program helps teen parents and their children to succeed by increasing stability and employability. Dr. Nimmagadda is leading the evaluation of the agencies and their programs, and making recommendations for improvement.



BSW Program students

Alexander Sidorkin, *Dean, Feinstein School of Education and Human Development*
US-Russia Partnership Grants Contact Project

Award: \$500

Sponsor: Eurasia Foundation

This grant was awarded to fund a planning meeting for a larger project called the US-Russia Partnership Linkage Project. The project brings together the leadership of two institutions of higher education, RIC and The University of the Russian Academy of Education - Nizhniy Novgorod, along with



Dean Sidorkin

their respective regional partners, allowing them to share experiences in leveraging service learning for future teachers. The goal is to create a permanent online

community where best practices are shared.

Cynthia Padula, *Professor, School of Nursing*

Advanced Education Nursing Traineeship (AENT)

Award: \$14,039

Sponsor: Health Resources & Services Administration (HRSA)

This grant provides traineeships for registered nurses enrolled in advanced education. The grant will provide funding for ten eligible registered nurses who are enrolled in the Master of Science in Nursing program specializing in Public Health / Community Leadership. Goals include increasing the number of full time students in the nursing graduate program and the number of graduates willing to

ECONOMIC DEVELOPMENT:
“Contribute to improving the economic development and quality of life – intellectual, social, cultural – in the state of Rhode Island.” *Vision 2015*



Deborah Gist, Rhode Island's Commissioner of Elementary and Secondary Education and Dr. Glenisson De Oliveira visit a RITES workshop.

Glenisson De Oliveira, *Professor, Chemistry*

Project RITES – Years 3 and 4

Award: \$1,015,916 (for years 3 and 4)

Sponsor: National Science Foundation (NSF)/University of Rhode Island

The five-year Rhode Island Technology Enhanced Science (RITES) project is a major initiative, funded by a grant from the National Science Foundation, to improve secondary science learning through the use of highly interactive technologies. Rhode

Island College is a core partner with the University of Rhode Island on this project that aims to transform the quality of science teaching and learning at Rhode Island secondary schools, with the goal of increasing the number and diversity of students proficient in science and pursuing careers in Science, Engineering, Technology, and/or Mathematics (STEM).

Earl Simson, *Dean, Faculty of Arts & Sciences*

Modern Language Studies in Portuguese

Award: \$45,000

Sponsor: RI Senate Fiscal Office

This grant allows the college to offer Portuguese studies to our community, which includes a large Portuguese population of both new immigrants and ethnic Portuguese from Portugal, the Azores, Madeira, and former Portuguese colonies. Three years ago, RIC did not offer a major in Portuguese. Now, with the support of this legislative grant, RIC has expanded its Portuguese studies program to include a major in Portuguese studies.

Jane Williams, *Dean, School of Nursing*

VAMC IPA – Gerontology Institute

Award: \$72,500

Sponsor: Veterans Affairs Medical Center (VAMC)

This award brings together RIC Faculty, Veterans Affairs Nursing Academy Faculty, and Providence Veterans Affairs Medical Center (PVAMC) staff nurses in a collaborative learning experience

strengthening the relationships between VA nurses, VA Nursing Academy faculty, and RI College nursing faculty in order to improve care in the Adult Health, Psychiatric, and Community-Health specialties. The award helps PVAMC employees to better meet the health care needs of elder veterans at the PVAMC and those being cared for in the community. Through the establishment of a network of Gerontologic Specialists at the PVAMC and RIC, the growing opportunities for unit-based initiatives will improve the care of veterans.

Professional Development

Specialist/Nurse Faculty

Award: \$132,782

Sponsor: Rhode Island Hospital

The grant allows the college’s School of Nursing to hire a Professional Development Specialist/Nurse Faculty who will work for RI Hospital and RIC to provide professional nursing development and education services to professional nurses and nursing students. This employee develops, implements, evaluates, and updates educational programs that support the philosophy, objectives, and strategic goals of Rhode Island Hospital’s Department of Nursing and Rhode Island College’s School of Nursing.



Dean Williams awards a new baccalaureate nurse her pin at the 2012 Nurses Pinning Ceremony.

Dante Del Giudice, *Director, Professional Studies and Continuing Education*

The Sustainable Communities Initiative (SCI)

Award: \$2,000

Sponsor: Rhode Island Council for the Humanities (RICH)

RICH, with support from the National Endowment for the Humanities, provided funding for this series of lectures on sustainability held at Rhode Island College throughout the Spring 2012 semester. This grant allowed members of the public to develop a greater understanding of sustainability challenges, reflect with one another on these issues, and embark on collective sustainability actions. Issues discussed included living within our limits sustainably while creating a more equal society, sustainable food systems, and climate change.

**Dante Del Giudice
Summer Dual Enrollment Scholarship Program**

Award: \$60,000

Sponsor: Rhode Island Office of Higher Education (RIOHE)

In the summer of 2011, RIOHE provided scholarships to approximately 40 Rhode Island high school students to take a summer course at Rhode Island College. Dual Enrollment Scholarships offer Rhode Island students the opportunity to experience a college course before they graduate from high school, enroll in more advanced coursework than offered at their high school, prepare for college ahead of time, or experiment with a new subject. The scholarships pay tuition and fees as well as all required textbooks.



Dante Del Giudice introduces a series of lectures on sustainability sponsored in part by Rhode Island Council for the Humanities.

Anita Duneer, *Assistant Professor, English*
Exploring the Japanese-American Internment through Art and Literature
Award: \$5,000

Sponsor: Rhode Island Council for the Humanities (RICH)

RICH awarded a grant to support a lecture and art exhibit at Rhode Island College by Roger Shimomura, University of Kansas Distinguished Professor of Art Emeritus. Professor Shimomura spent two years of his young life in Minidoka, Idaho, one of 10 concentration camps for Japanese-Americans during WWII. The lecture and art exhibit were part of the college's Open Books Open Minds program (OBOM). Through OBOM, the college conducts lectures and other activities around a common

reading as a means of fostering dialogue and understanding on relevant issues within RIC and across the larger community. The selection for 2012 by Julie Otsuka, *When the Emperor was Divine*, describes a family's experience in a Japanese-American internment camp. With Dr. Duneer's grant from RICH, the program took on a new relevance by including visual art and memoir through Roger Shimomura's lecture and art exhibit.



Roger Shimomura, M.F.A., keynote speaker for RIC's inaugural Open Books-Open Minds Student Conference, Mar. 28-30, 2012, discusses the concurrent Banister gallery exhibit of his artwork with a RIC student.

Rudolf Kraus, *Assistant Professor,
Education Studies*
Mt. Pleasant Teacher Academy
Award: \$22,411
Sponsor: Providence School Department

Through this grant, RIC provides college campus learning opportunities for the Teacher Academy program of study at Mt. Pleasant High School. RIC faculty prepare and deliver high school level courses for teacher preparation that qualify for university credit, with age appropriate curriculum modules. Curriculum and assessment tools to measure effectiveness of instruction and student learning for continuous improvement are also developed. The program interacts with approximately 40 high school students and employs 5 RIC students as Teaching Assistants.

Cynthia Padula, Belle Evans and Rachel Filinson
Professor, School of Nursing; Professor, MSW Program; and Professor of Sociology, respectively

Rhode Island Geriatric Education Center (RIGEC)
Award: \$24,840
Sponsor: Health Resources & Services Administration (HRSA)/ University of Rhode Island



A Rhode Island College nursing student receives guidance on the proper technique to fill a syringe.

The RIGEC is located at the University of Rhode Island and aims to prepare health care and human service professionals, faculty, and students to better meet the physical, functional, and psychosocial needs of older adults. Dr. Padula and Dr. Evans serve as members of RIGEC's inter-professional faculty team, helping to develop curriculum for the program. Dr. Filinson serves as a Program Evaluator, providing technical assistance and guidance with the development of secondary and tertiary program evaluation methodologies.



During a visit to RIC's Outreach Programs on December 2012, U.S. Senator Jack Reed and Jenifer Giroux discuss the importance of increasing job training opportunities in Rhode Island.

Jenifer Giroux, *Interim Associate Vice President, Professional Studies and Continuing Education*

In FY 2012, the Outreach Programs received \$570,872 in federal, state, and private support, of which \$80,000 is in new funding.

The Outreach Programs at Rhode Island College has been providing professional training and continuing education, including English-as-a-Second-Language instruction, for more than twenty years. In FY 2012, external funding supported delivery of the following programs:

TRABAC and TRABAC Plus: Training Responsible Adults to be Bookkeeping and Accounting Clerks.

TRAIT: Training Responsible Adults as Insurance Technicians.

TRAMA and TRAMA Plus: Training Responsible Adults as Medical Assistants.

GRAPHIC: Giving Refugees a Promising Head start in Computers.

New Awards for 2012:

Bristol County, MA, Training Consortium Award: \$80,000

Sponsor: MA Department of Labor & Workforce Development

Office of Research and Grants Administration

***Lisa Smolski, Director
Nadia Petrovic, Grant and Contract Specialist
Sheila Hallisey, Graduate Assistant***

***Special Thanks to:
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***Annual Report
Fiscal Year 2012***