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Executive Summary

Parviz Ansari, Dean

I am pleased to present the College of Liberal Arts and Sciences 2009-10 Annual Report. This report is a collection of the achievements of the academic departments and special programs within the College from July 1, 2009 to June 30, 2010. The impressive breadth and scope of activities of the faculty, students and staff of the College are truly impossible to describe fully in this report. However, this collection provides a meaningful picture of the activities of the College and its academic units.

This report also covers my first year at Rowan as the new Dean of the College of Liberal Arts & Sciences. I am privileged to be leading the largest College at Rowan during such a pivotal time in the University’s history. In fall 2009, CLAS welcomed a record high student population of over 5,200 undergraduate and graduate students taught by more than 420 full-time and part-time faculty.

Given the extent of the current issues and the new opportunities within the College, last fall we began a strategic planning initiative at the College and department levels. Through the hard work of faculty, each department developed its one-year and five-year plans starting fall 2009 and, with the widespread contribution of faculty and staff, the College began its 2010-2015 planning effort. The College strategic planning process and activities are presented in some detail in the next section.

Other major achievements of the College during the 2009-2010 academic year are as follows:

- Dean’s Distinguished Lecture Series: Four well-known experts from both private industry and academia presented their research.
- Summer Research Grant: This initiative promotes research and scholarship among full-time faculty. Through a competitive process, seven awardees have been selected for summer 2010.
- Exploratory Studies Program: This University-based initiative provides an academic home for undeclared students. The program is housed within and supervised by the College.
- New faculty hires: five new tenure-track faculty: two in English, one in each of the following programs: Chemistry, Biology and Law & Justice Studies.
- A post doc in the Physics Department: The first-ever post doc in the College is supported both by the College and an external grant.
- New degree programs:
  - Master of Science in Computer Science
  - Master of Arts in History
  - Accelerated BA/MS in Computer Science
  - Accelerated BA/MA in History
- New minors:
  - Minor in Philosophy and Religion Studies
  - Minor in Romance Languages
  - Minor in Business Spanish
- New concentrations:
  - In Geosciences, Geographic Information Sciences, Planning
- New Certificates of Graduate Study (COGS):
In Networks, Software Engineering, Web Development

New Specializations:
- In United States History, European Ancient History, Global History

Four new program sequences or tracks in Liberal Studies: Humanities/Social Sciences.

Faculty scholarly work showcased in the library during the month of February.

Hosted events:
- The National Geographic Society’s New Jersey Geography Bee was held at Rowan for the first time.
- Oslerfest was organized by the Math Department. The Dean has asked the department to continue and expand this conference annually.
- Foreign Languages & Literatures: Alumni Benefit Concert
- Computer Science: FIRST Lego® League Qualifying event and 24th Annual Rowan University Programming Contest for high school students
- First annual Law & Justice Studies and Sociology Career Exploration Fair
- Fourth annual Rowan Sciences Day, showcasing five departments at Rowan: Biological Sciences, Chemistry & Biochemistry, Computer Science, Mathematics and Physics & Astronomy.
- Annual STEM Symposium

MSE Collaboration Event was held in recognition of a new collaboration between MSE (Mission Solutions Engineering) and the College through a $100,000 contract, with a room in Robinson Hall dedicated to this project.

Public Relations: The College has worked to increase awareness of our faculty, student and alumni accomplishments through enhancements to our website, Facebook presence, new promotional material and revised newsletter. The College has begun the process of developing a formalized public relations plan in collaboration with the office of Media & Public Relations.

My thanks to everyone who has participated in the development and preparation of this annual report!
College Strategic Planning

During the academic year 2009-2010, the College of Liberal Arts and Sciences began the unprecedented task of developing a strategic plan for the next five years. The process was initiated by Dean Ansari in spring 2010 in recognition of the need for the prioritization of various initiatives and the allocation of college resources. The Strategic Planning Executive Committee was formed and members were identified based on nominations received from different venues. The Executive Committee reviewed and approved five strategic goals for the College. These goals concentrate on the enhancement of undergraduate and graduate education, faculty and staff enrichment, college infrastructure, and localization and globalization initiatives. With the supervision of the Executive Committee, five Goal Committees were formed, with specific charges to each committee as outlined at the bottom of this report. Lists of the members of the Executive and Goal Committees are also found below.

Each Goal Committee was asked to compile a set of SWOTs (strengths, weaknesses, opportunities, threats) for the College before developing a set of strategic objectives and associated action plans. A template and instructions were prepared for the Goal Committees. A member of the Executive Committee serves on each of the Goal Committees to ensure proper communication among all members of the planning committees. In addition, we have formed a group of SWOT consultants and have invited University-based consultants to each Goal Committee and the Executive Committee.

A Blackboard portal allows smooth communication among the members of the planning committees, and a College-wide Blackboard site was developed to share the progress of the initiative with all members of the College.

The Executive Committee will receive the final reports of the Goal Committees in spring 2011 and will finalize the plan as a set of recommendations to Dean Ansari. The implementation of the plan will be led by the Dean soon after.

Committee Charges

Goal Committee 1 – Undergraduate Education

Enhance and support undergraduate education

1. Develop SWOT data by reviewing the current status of undergraduate programs
2. Develop a set of practical yet innovative and entrepreneurial action plans for
   a. improving the learning outcome assessments
   b. reviewing and improving general education courses and the inventory of general education courses
   c. focusing on interdisciplinary education among our clusters
   d. enhancing undergraduate research programs
   e. encouraging the acquisition of sponsored research
   f. developing partnership with the Camden Campus
   g. developing partnerships with regional and national industries
Goal Committee 2 – Graduate Education

Enhance and strategically expand graduate education programs

1. Develop SWOT data by reviewing the current status of graduate programs
2. Develop a set of practical yet innovative and entrepreneurial action plans for
   a. improving existing programs
   b. enhancing research outputs of participating faculty
   c. encouraging the acquisition of sponsored research
   d. identifying promising areas of graduate studies and developing new self-supported graduate programs in those areas
   e. developing partnerships with regional and national industries
   f. designing activities at the Tech Park

Goal Committee 3 – Faculty and Staff Enrichment

Enhance the commitment of the College to academic quality and integrity by focusing on faculty- and staff-related issues

1. Develop SWOT data
2. Develop a set of practical yet innovative and entrepreneurial action plans for
   a. advancing faculty and chair development
   b. advancing staff development
   c. developing a mentorship program for junior faculty
   d. fostering an environment of research and scholarship
   e. developing a peer-to-peer teaching enhancement program
   f. rewarding faculty and staff for their contributions to the advancement of the mission of the College

Goal Committee 4 – College Infrastructure

Promote the College and strengthen its financial base

1. Develop SWOT data
2. Develop a set of practical yet innovative and entrepreneurial action plans for
   a. developing and funding new academic and entrepreneurial programs
   b. promoting external grant activities
   c. increasing foundation and corporate funding
   d. establishing ongoing fundraising initiatives to increase available resources
   e. improving the quality and number of students and their retention rates
   f. promoting the College through online and print publications and other means

Goal Committee 5 – College Localization and Globalization

Develop partnership at local, national and global levels

1. Develop SWOT data
2. Develop a set of practical yet innovative and entrepreneurial action plans for
a. developing and strengthening interdisciplinary partnerships with other academic units within the University
b. incorporating study abroad programs in our education
c. developing partnerships with selected high schools and community colleges
d. improving internationalization in our curriculum and cultural activities
e. advancing the green initiative within the College
f. developing new strategic academic partnerships with universities abroad
g. promoting student and faculty engagement in civic services in local areas
h. improving our town and gown relationship

**CLAS Strategic Planning Committees**

**Executive Committee**

- Parviz Ansari  Dean
- Bill Carrigan  History
- John Hasse  Geography & Anthropology
- Karen Magee-Sauer  Physics & Astronomy (liaison with Graduate Education)
- DeMond Miller  Sociology (liaison with Undergraduate Education)
- Cathy Parrish  English (liaison with Localization and Globalization)
- Cindy Vitto  Associate Dean (liaison with Faculty/Staff Enrichment)
- Cathy Yang  Chemistry & Biochemistry (liaison with College Infrastructure)

Consultants:

- Jim Newell  Associate Provost for Academic Affairs
- Bob Zazzali  Associate Provost for Faculty Affairs

**SWOT Consultants**

- Jay Chaskes  Sociology
- David Clowney  Philosophy & Religion
- Ron Czocho  Mathematics
- Habib Jam  Economics
- Richard Scott  Geography & Anthropology
- Sonia Spencer  Foreign Languages & Literatures
- Maria Tahamont  Biological Sciences

**Goal 1: Undergraduate Education Committee**

- Kate Dayton  Chair, Biological Sciences/Health Professions
- Larry Butler  Political Science
- Kristen diNovi  Assistant Dean
- Mira Lalovic-Hand  Associate Provost, Institutional Research and Planning
Marilyn Manley  Foreign Languages & Literatures  
DeMond Miller  Sociology – EXEC liaison  
Lee Talley  English  

Consultants:  
Jim Newell  Associate Provost for Academic Affairs  
Carol Sharp  Dean, College of Education  

Goal 2: Graduate Education Committee  
Mike Grove  Chair, Biological Sciences  
D. J. Angelone  Psychology  
Wanda Foglia  Law & Justice Studies  
Sam Lofland  Physics & Astronomy  
Karen Magee-Sauer  Physics & Astronomy – EXEC liaison  
Horacio Sosa  Dean, CGCE  

Consultants:  
Jim Newell  Associate Provost for Academic Affairs  
Carol Sharp  Dean, College of Education  

Goal 3: Faculty and Staff Enrichment Committee  
Keiko Stoeckig  Chair, Psychology  
Greg Caputo  Chemistry & Biochemistry  
Melissa Klapper  History  
Matt Lund  Philosophy & Religion  
Cindy Vitto  Dean’s Office – EXEC Liaison  
Bernadyne Weatherford  Political Science  
Jonathan Foglein  Chemistry & Biochemistry  

Consultants:  
Cindi Hasit  Director of Faculty Center  
Karen Siefring  Assistant to Dean of Business for Advisement  
Bob Zazzali  Associate Provost for Faculty Affairs  

Goal 4: College Infrastructure Committee  
Ieva Zake  Chair, Sociology  
Seth Bergmann  Computer Science  
Jay Chaskes  Sociology  
Terry O’Brien  Biological Sciences  
David Klassen  Physics & Astronomy  
Cathy Yang  Chemistry & Biochemistry – EXEC liaison  
Joy Wiltenburg  History  

Consultant:  
Karen Giunta  Managing Administrative Assistant, Provost’s Office
### Goal 5: College Localization and Globalization Committee

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
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</thead>
<tbody>
<tr>
<td>Edward (Mickey) Smith</td>
<td>Director, International Center (co-chair)</td>
</tr>
<tr>
<td>Cathy Parrish</td>
<td>English – EXEC liaison (co-chair)</td>
</tr>
<tr>
<td>Corinne (Cory) Blake</td>
<td>History</td>
</tr>
<tr>
<td>Eduardo Flores</td>
<td>Physics &amp; Astronomy</td>
</tr>
<tr>
<td>Tyrone McCombs</td>
<td>Assistant Provost, Camden Campus</td>
</tr>
<tr>
<td>Anthony Robb</td>
<td>Foreign Languages and Literatures</td>
</tr>
<tr>
<td>Maria Rosado</td>
<td>Geography &amp; Anthropology</td>
</tr>
</tbody>
</table>

**Consultant:**
- Richard Jones  
  Interim VP for Residential Learning/Dean of Students
# College at a Glance

## Office of the Dean

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Parviz Ansari</td>
<td>Dean</td>
<td>(856) 256-4850</td>
<td><a href="mailto:ansari@rowan.edu">ansari@rowan.edu</a></td>
</tr>
<tr>
<td>Dr. Cindy Vitto *</td>
<td>Associate Dean</td>
<td>(856) 256-4853</td>
<td><a href="mailto:vitto@rowan.edu">vitto@rowan.edu</a></td>
</tr>
<tr>
<td>Ms. Kristen diNovi</td>
<td>Assistant Dean</td>
<td>(856) 256-4851</td>
<td><a href="mailto:dinovi@rowan.edu">dinovi@rowan.edu</a></td>
</tr>
<tr>
<td>Ms. Lynne Hentschke**</td>
<td>Administrative Assistant to the Dean</td>
<td>(856) 256-4500, x3556</td>
<td><a href="mailto:hentschke@rowan.edu">hentschke@rowan.edu</a></td>
</tr>
<tr>
<td>Ms. Dottie Mastranduono</td>
<td>Administrative Assistant to the Assistant Dean</td>
<td>(856) 256-4500, x3553</td>
<td><a href="mailto:mastranduono@rowan.edu">mastranduono@rowan.edu</a></td>
</tr>
<tr>
<td>Ms. Christine DiBlasi</td>
<td>Secretary, Interdisciplinary Studies</td>
<td>(856) 256-5490</td>
<td><a href="mailto:diblasi@rowan.edu">diblasi@rowan.edu</a></td>
</tr>
<tr>
<td>Ms. Aimee Burgin</td>
<td>Program Coordinator and Advisor, Liberal Studies: Humanities/Soc. Sciences</td>
<td>(856) 256-4863</td>
<td><a href="mailto:burgin@rowan.edu">burgin@rowan.edu</a></td>
</tr>
<tr>
<td>Ms. Dorie Gilchrist</td>
<td>Coordinator, Exploratory Studies Program</td>
<td>(856) 256-5655</td>
<td><a href="mailto:gilchrist@rowan.edu">gilchrist@rowan.edu</a></td>
</tr>
<tr>
<td>Ms. Francine Knight</td>
<td>Administrative Assistant</td>
<td>(856) 256-4500, X3557</td>
<td><a href="mailto:knight@rowan.edu">knight@rowan.edu</a></td>
</tr>
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</table>

* Cindy Vitto began her role as Associate Dean in January 2010 replacing the Interim Associate Dean, Bob Newland.

**Lynne Hentschke accepted a position in the Office of the Associate Provost for Academic Affairs effective October, 2010**
## 2009-10 Department Chairs and Secretaries

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<thead>
<tr>
<th>Department</th>
<th>Chairperson</th>
<th>Secretary</th>
<th>Ext.</th>
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<tbody>
<tr>
<td>Biological Sciences</td>
<td>Luke Holbrook*</td>
<td>Patricia Lee Milano</td>
<td>x4862</td>
</tr>
<tr>
<td>Chemistry &amp; Biochemistry</td>
<td>Catherine Yang</td>
<td>Kathleen Monahan</td>
<td>x4505</td>
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<tr>
<td>Computer Science</td>
<td>Nancy Tinkham*</td>
<td>Debra Coughlin</td>
<td>x4805</td>
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<tr>
<td>English</td>
<td>Catherine Parrish</td>
<td>Theresa Craig</td>
<td>x4065</td>
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<tr>
<td>Foreign Languages &amp; Literatures</td>
<td>Anthony Robb</td>
<td>Kathleen Taddei</td>
<td>x4071</td>
</tr>
<tr>
<td>Geography &amp; Anthropology</td>
<td>Maria Rosado*</td>
<td>Laura Ruthig</td>
<td>x4811</td>
</tr>
<tr>
<td>History</td>
<td>William Carrigan*</td>
<td>Denise Williams</td>
<td>x4818</td>
</tr>
<tr>
<td>Law &amp; Justice Studies</td>
<td>Michael Weiss</td>
<td>Margaret Brown</td>
<td>x4828</td>
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<tr>
<td>Mathematics</td>
<td>Hieu Nguyen*</td>
<td>Bette Counsellor</td>
<td>x4844</td>
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<tr>
<td>Philosophy &amp; Religion</td>
<td>Youru (Charlie) Wang</td>
<td>Teresa Magliocco</td>
<td>x4075</td>
</tr>
<tr>
<td>Physics &amp; Astronomy</td>
<td>Karen Magee-Sauer</td>
<td>Donna D’Emilio</td>
<td>x4855</td>
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<tr>
<td>Political Science</td>
<td>Lawrence Butler</td>
<td>Majeeda Hason</td>
<td>x4866</td>
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<tr>
<td>Psychology</td>
<td>Janet Cahill*</td>
<td>Evelyn Stewart</td>
<td>x4870</td>
</tr>
<tr>
<td>Sociology</td>
<td>Mary Gallant</td>
<td>Marianne McCulley</td>
<td>x4884</td>
</tr>
</tbody>
</table>

*Current 2010-11 Department Chairs include:
- Terry O’Brien, Biological Sciences
- Steve Hartley, Computer Science
- John Hasse, Geography & Anthropology
- Joy Wiltenburg, History
- Larry Howe, Mathematics
- Monica Greco, Psychology
## 2009-10 Interdisciplinary Programs

<table>
<thead>
<tr>
<th>Interdisciplinary Majors</th>
<th>Coordinator</th>
<th>Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Africana Studies</td>
<td>Corahann Okorodudu*</td>
<td><a href="mailto:okorodudu@rowan.edu">okorodudu@rowan.edu</a></td>
</tr>
<tr>
<td>American Studies</td>
<td>Diane Ashton*</td>
<td><a href="mailto:ashton@rowan.edu">ashton@rowan.edu</a></td>
</tr>
<tr>
<td>Economics</td>
<td>Cindy Vitto</td>
<td><a href="mailto:vitto@rowan.edu">vitto@rowan.edu</a></td>
</tr>
<tr>
<td>Environmental Studies</td>
<td>John Hasse</td>
<td><a href="mailto:hasse@rowan.edu">hasse@rowan.edu</a></td>
</tr>
<tr>
<td>Liberal Studies: Humanities/Social Sciences</td>
<td>Aimee Burgin</td>
<td><a href="mailto:burgin@rowan.edu">burgin@rowan.edu</a></td>
</tr>
<tr>
<td>Liberal Studies: Mathematics/Science</td>
<td>Karen Heinz*</td>
<td><a href="mailto:heinz@rowan.edu">heinz@rowan.edu</a></td>
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<tr>
<td>African American Studies</td>
<td>Corahann Okorodudu*</td>
<td><a href="mailto:okorodudu@rowan.edu">okorodudu@rowan.edu</a></td>
</tr>
<tr>
<td>Asian Studies</td>
<td>Q. Edward Wang</td>
<td><a href="mailto:wangq@rowan.edu">wangq@rowan.edu</a></td>
</tr>
<tr>
<td>Cartography &amp; Geographical Information Systems</td>
<td>Richard Scott</td>
<td><a href="mailto:scott@rowan.edu">scott@rowan.edu</a></td>
</tr>
<tr>
<td>Environmental Studies</td>
<td>Terry O'Brien</td>
<td><a href="mailto:obrien@rowan.edu">obrien@rowan.edu</a></td>
</tr>
<tr>
<td>Ethics Concentration</td>
<td>Ellen Miller</td>
<td><a href="mailto:millere@rowan.edu">millere@rowan.edu</a></td>
</tr>
<tr>
<td>International Studies</td>
<td>Sonia Spencer</td>
<td><a href="mailto:spencers@rowan.edu">spencers@rowan.edu</a></td>
</tr>
<tr>
<td>Urban Studies</td>
<td>Richard Scott</td>
<td><a href="mailto:scott@rowan.edu">scott@rowan.edu</a></td>
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<tr>
<td>Women’s &amp; Gender Studies</td>
<td>Melissa Klapper*</td>
<td><a href="mailto:klapper@rowan.edu">klapper@rowan.edu</a></td>
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</tbody>
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*Current 2010-11 Program Coordinators include:  
  James Coaxum, Africana Studies/African American Studies  
  Matthew Lund, American Studies  
  Eric Milou, Liberal Studies: Mathematics/Science  
  Andrew Hottle, Women’s & Gender Studies
Summaries

Academics

- 14 undergraduate departments
- 5 graduate departments
- 50 undergraduate programs of study
- 4 programs in Camden
- 20 minor programs
- 5 masters programs
- 14 centers and special programs

Enrollment: Fall 2009

- Undergraduate Enrollment: 4450
  - 84% full-time (3,748 students) and 16% part-time (702)
  - 46% of all Rowan full-time and part-time undergraduate students (9665)
- 79% White, 8.9% Black, 3.4% Asian, 9.7% other (Total University)
- Graduate Enrollment: 124
  - 77% part-time (students) and 23% full-time
  - 9% of all Rowan full-time and part-time graduate students (1341)
- 78.4% White, 11.6% Black, 4.6% Asian, 6.4% other (Total University)

Faculty - Fall 2010

Full-Time Faculty

- 168 Full-Time Faculty (Tenured, Tenure Track and Temp)
- 114 Tenured Faculty
- 36 Tenure Track Faculty
- 18 FTT Faculty
- 45 Full Professors
- 69 Associate Professors
- 36 Assistant Professors
- New Hires:
  - 4 Assistant Professors (4 Ph.D.)
  - 6 FTT (5 Ph.D.)

1 http://www.rowan.edu/colleges/las/departments/
2 http://www.rowan.edu/colleges/graduate/pdf/2009_grad_catalog.pdf
3 http://www.rowan.edu/camden/prospective/index.cfm
5 Faculty Information provided by staff of the Office of Liberal Arts and Sciences
Part-Time Faculty

- 9 ¾ time faculty
- 250 Adjuncts
- 424 Total Faculty (Full-Time and Part-Time)

Grant and Research Award (received in 2009-2010)\(^6\)

Total Grant Activity

<table>
<thead>
<tr>
<th>Proposals</th>
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<tr>
<td>Liberal Arts &amp; Science - New Proposals</td>
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<td>Liberal Arts &amp; Science – Previously Submitted</td>
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<tr>
<td>Total</td>
<td>52</td>
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<tr>
<td>Percent of Total University</td>
<td>28.4%</td>
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### Award by Major

<table>
<thead>
<tr>
<th>Program</th>
<th>Proposals</th>
<th>New Proposals</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No.</td>
<td>Amount</td>
</tr>
<tr>
<td>Biology</td>
<td>4</td>
<td>$1,519,999</td>
</tr>
<tr>
<td>Chemistry &amp; Biochemistry</td>
<td>11</td>
<td>$2,240,751</td>
</tr>
<tr>
<td>Computer Science</td>
<td>4</td>
<td>$1,062,815</td>
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<tr>
<td>English</td>
<td>2</td>
<td>$6,000</td>
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<tr>
<td>Geography &amp; Anthropology</td>
<td>1</td>
<td>$219,611</td>
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<tr>
<td>History</td>
<td>3</td>
<td>$93,000</td>
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<tr>
<td>Mathematics</td>
<td>4</td>
<td>$1,341,008</td>
</tr>
<tr>
<td>Physics &amp; Astronomy</td>
<td>12</td>
<td>$2,348,792</td>
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<tr>
<td>Political Science</td>
<td>1</td>
<td>$12,600</td>
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<tr>
<td>Psychology</td>
<td>4</td>
<td>$470,391</td>
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<tr>
<td>Sociology</td>
<td>6</td>
<td>$31,146</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>52</strong></td>
<td><strong>$9,346,113</strong></td>
</tr>
</tbody>
</table>
Number of Proposals and Awards

Amount Awarded
College Events

Dean’s Distinguished Lecture Series

In an effort to raise the profile of the College both within the institution and to external publics, the Dean initiated the Dean's Distinguished Lecture Series, which brought well-known dignitaries from both private industry and academia to campus. During the Spring 2010 semester, four visiting lecturers presented research in their area of expertise:

January 29, 2010

Dr. Carl Decicco, Senior Vice President, Discovery Chemistry, Bristol Myers Squibb

Innovation in Drug Discovery

The lecture highlighted innovation in the discovery of new drugs for the treatment of human disease. The presentation focused on an important area of small molecule discovery from lead seeking activities, chemical optimization, the application of methods in structural biology and computer assisted drug design as well as techniques to identify safe compounds with suitable pharmacological properties for human testing.

Friday, February 19, 2010

Dr. Geronimo Villanueva, Research Scientist, NASA’s Goddard Space Flight Center

Bioastronomy

Dr. Villanueva’s research has focused on the presence of methane on Mars. His research group discovered strong release of methane, a biomarker on Earth, from three regions on Mars during the Northern summer in 2003. This discovery demonstrated the existence of windows into the planet’s geochemical and/or biological processes and stimulated keen interest in the origin of the methane released. Is methane on Mars related to biology? When was this gas produced? The answer may be in the infrared, since multiple key bio/geochemical species on Mars have strong signatures in this wavelength region. In his talk, Dr. Villanueva presented the latest results from his 10-year observational campaign of multiple biomarkers on Mars, including measurements of isotopic deuterated water, a chronometer testing the age and origin of volatiles on Mars.

Wednesday, March 3, 2010

Dr. Benjamin Elman, Professor, Asian Studies and History, Princeton University

“Why Blame China? Who Was Responsible for the Limits of Jesuit Science and Technical Transmission to China in the 18th Century?”

Dr. Elman’s lecture focused on why the Chinese never learned about the “Newtonian Century” in Europe and its analytic style of mathematical reasoning until after the Opium War (1839-1842). There were many factors external to China that help explain why the Newtonian revolution came so late in Asia, and not in the eighteenth century. However, allegations that Chinese were not curious about European science in the seventeenth and eighteenth centuries are not true. Therefore, Dr. Elman explores other reasons for the failure of the Jesuit mission in China and the presumed underdevelopment of science in imperial China.
Friday, April 16, 2010

Dr. Bruce C. Berndt
Professor, Mathematics, University of Illinois at Urbana-Champaign

Ramanujan’s Life and Notebooks

Ramanujan was born in southern India in 1887 and died there in 1920 at the age of 32. He attended college for only one year, but his mathematical discoveries, made mostly in isolation, have made him one of this century’s most influential mathematicians. An account of Ramanujan’s life will be presented. Most of Ramanujan’s mathematical discoveries were recorded without proofs in notebooks, and a description and history of these notebooks will be provided. The lecture was accompanied by photographs depicting Ramanujan, his home, his school, his notebooks, and those influential in his life, including his mother and wife.

MSE-Rowan Collaboration

Mission Solutions Engineering (MSE), of Arlington, Va., and Moorestown, N.J. awarded a $100,000 one-year contract to Rowan University to help the firm improve the capabilities of a software system called Advanced Display Infrastructure (ADI). January 21, 2010 marked the official kick-off of the project, which was celebrated with a reception and tour of the facilities in Robinson Hall.

ADI is an application that provides situational awareness to military users and others through a display of the Earth, using the World Geodetic System 1984, in part to show the location of military units. Similar to Google Earth, ADI allows users to navigate a globe to view those units and potential targets.

Dr. Adrian Rusu, an associate professor of computer science, was head of Rowan’s team of four undergraduate and graduate students on the project titled “Visualization and Software Engineering Strategies for Tactical Decisions Advances.”

The project focused in part on developing software for new decision aids, tools that will help the ADI users more quickly determine and act upon courses of action. The students will develop features that help improve the navigation around the globe and calculations that help determine potential collisions between two objects. The students’ computer code will be used as an external support for ADI in what is called an “an independent library” and enable users to employ portable devices similar to a handheld Global Positioning System or GPS. Rowan actually started work on the project last semester, with students developing, among other things, a collision detection tool.

Ultimately, MSE will use the Rowan work to promote its ADI product and to cultivate more business from military service branches.

As well as benefiting MSE, the collaboration benefits Rowan computer science students, who will gain “real-world” experience. MSE is in effect a client of the students, who must deliver a product, hold meetings and present a final report to MSE management. In addition to this project, the MSE/Rowan collaboration will include establishing a co-op program and offering master-level courses at MSE facilities.
Faculty Scholarship Showcase

During the Spring 2010 semester, the College coordinated its first faculty scholarship showcase in the Campbell Library. On February 22, 2010, a reception was held to celebrate the display of various faculty publications. The showcase was displayed throughout the month of February.

11th Annual Dean’s Recognition Tea

The eleventh Annual Dean’s Recognition Tea was held on Friday, April 16th, 2010 in the Eynon Ballroom, Chamberlain Student Center. The event is held each year to recognize the achievements of the College’s most outstanding graduating seniors. Awardees are 2010 graduating seniors who not only achieved academically, but also contributed to the department, university or surrounding community. Department Chairpersons and faculty mentors accompanied the nominees to the event, where they were presented with certificates of recognition and a gift from the Dean’s office.

Ryan Thilo  
American Studies

Chanelle Wilson  
English

Kathleen Murphy  
Liberal Studies: Math/Science

Judy-Lynne Dominisac  
Bachelor of Science in Nursing

Brian Yates  
Environmental Studies

Laura Coffey  
Mathematics

Lisa DeGironimo  
Biological Sciences

Daniel Lane  
Foreign Languages & Literatures

Jedediah Blume  
Philosophy & Religion

Luba Arotsky  
Biochemistry

Jenna Funk  
Geography & Anthropology

James Applegate  
Physics & Astronomy

Nicole Mershon  
Chemistry

Tessa Knight  
History

Elizabeth Palmer  
Political Science

Jonathan Palka  
Computer Science

Lirim Rufati  
Law & Justice Studies

Kelly MacKenzie  
Psychology

Mayra Zayras  
Economics

Samantha Edwards  
Liberal Studies: Humanities/Social Science

Susan Ellien  
Sociology
Summer Grants Reception

The College held a reception on July 28, 2010 to honor its first group of Summer Grant Awards recipients. With its new initiative to support scholarship and grant activity, the College has funded six research projects involving seven of our faculty from a variety of disciplines:

- Thomas Dinzeo, Psychology: "Cognitive Remediation in Patients with Schizophrenia"; Awarded $2,725.
- Jeffrey Hettinger, Physics & Astronomy: "Synthesis and Characterization of Thin-films for Biomedical, Protective Coating, and ‘On-chip’ Energy Storage Applications"; Awarded $3,000.
- David Klassen, Physics & Astronomy: "Studies Using the Mars Odyssey GRS/HEND"; Awarded $3,000.
- Lee Talley, English: "'Operation Pied Piper': The WWII Evacuation of British Children and the Children's Literature it Inspired"; Awarded $1,400.
New Faculty

Matthew Bealor, Biological Sciences

Matthew Bealor earned Bachelors (Cal-State, East Bay) & Masters Degrees (San Diego State University) in Biology, and a Ph.D. in Ecology & Evolutionary Biology from the University of Colorado at Boulder. He is dedicated to teaching excellence with special interests in inquiry-based approaches to teaching the scientific method. His research interests center on evolutionary and functional aspects of feeding behavior and predator-prey interactions in vertebrates, with an emphasis on squamate reptiles (lizards & snakes). Other teaching/research interests include: sensory ecology, animal cognition and ethics, and zoo biology.

Melinda DiStefano, English

Melinda DiStefano, a faculty member in the English department, received her B.A. from Barnard College at Columbia University, and her Ph.D. from Duke University. Her research interests are 20th century American Literature, Ecocriticism, and Native American Literature. She is currently engaged in turning her dissertation into a book entitled The Organic Citizen: Democratic Participation and Indigeneity in US Eco-Narratives of the 20th Century. She is continuing her research on how ecological apocalypse is connected with social, familial, and gendered concepts. Dr. DiStefano published book reviews in Contemporary Literature and in American Literature; she has presented papers on Native American literature at academic conferences internationally.

Tabbetha Dobbins, Physics & Astronomy

Tabbetha A. Dobbins is a Visiting Professor in the Department of Physics & Astronomy. She is currently on leave from her current position as an assistant professor with a joint appointment in physics at Grambling State University and Louisiana Tech University. During her tenure in this position, she has mentored students in both graduate and undergraduate research projects and promoted the student’s scientific research. After receiving her doctorate from Penn State University, she was awarded the prestigious National Research Council Post-Doctoral Fellowship to do research at the National Institute of Standards and Technology.

Kristin Hensley, Biological Sciences

Kristin Hensley earned her B.A. in Biology from the University of Delaware and her Ph.D. in Neuroscience from the University of Pennsylvania. Before joining Rowan University, she taught introductory biology, human anatomy & physiology, genetics, and bioethics at Montgomery College and American University. Her research interests include neural coding and sensory perception.
Joseph Johnson, Law & Justice Studies

Joseph Johnson is coming from the School of Criminal Justice at Michigan State University. Joseph is originally from Minneapolis, Minnesota. While in Minnesota he attended college at Southwest Minnesota State University. Thereafter, he moved with his wife to Cedar Falls, Iowa where he continued his education at the University of Northern Iowa. Currently coming from East Lansing, Michigan, home of Michigan State University, his research interests now generally include gun, gang and/or clique, and violence prevention and programming.

Nancy LaFleur, Biological Sciences

Nancy LaFleur received a B.S. in Biology from Eastern Connecticut State University and a Ph.D. in Ecology from the University of Connecticut. She has held a full-time teaching position at Sacred Heart University, as well as adjunct positions at Clark University and Eastern Connecticut State University. Her research interests focus on understanding how animal behavior mediates plant distributions.

Zena Meadowsong, English

Zena Meadowsong received her B.A. in English from Princeton University, and her M.A. and Ph.D. in English from Stanford University in 2006. Her area of specialty is 19th and 20th century British literature, concentrating on Modernism for which she was awarded the Alden Dissertation Prize in 2007 for her dissertation, “Creating a Monster: Myth, Machines, and the Naturalist Invention of Modernism”. After receiving her doctorate, Dr. Meadowsong was a post-doctoral Fellow in the Humanities at Stanford. She has numerous professional publications in journals such as the James Joyce Quarterly, Nineteenth-Century Literature, Tess of the d’Urbervilles, Studies in American Naturalism, and a forthcoming chapter in the Oxford Handbook of Literary Naturalism. Dr. Meadowsong is active in the Modernist Studies Association.

Dayalan Srinivasan, Biological Sciences

Dayalan Srinivasan received a B.S. in Biology from the University of North Carolina at Chapel Hill and a Masters of Medical Science and a Ph.D. in Experimental Pathology from Harvard University. At Harvard, he studied the developmental control of cell division. His postdoctoral work at Princeton University and current research interests are on the mechanism and evolution of reproductive plasticity in insects. His previous teaching experience includes faculty positions at the Kathmandu University Medical School in Nepal and York College in Queens, New York.
**Timothy Vaden**, Chemistry & Biochemistry

Timothy Vaden received his B.S. in Chemistry from Midwestern State University in Wichita Falls, Texas and a Ph.D. in Physical Chemistry from the University of Illinois at Urbana-Champaign, where he studied ionic clusters using infrared laser spectroscopy. He spent three years as a Royal Society Postdoctoral Fellow at the University of Oxford studying biological molecular conformations with laser spectroscopy and one year at Pacific Northwest National Laboratory studying atmospheric aerosol particles using mass spectrometry. His current research interests are in both atmospheric aerosols and computational and experimental studies of ion-peptide complexes.
Department Reports
Biological Sciences

Degree Program
- B.S. in Biology

Minors/Concentrations
- Minor in Biology
- Concentration in Environmental Studies
- Concentration in Pre-Medical

Students
- Undergraduate majors: 447
- Number of 2009-10 graduating students: 95

Strategic Goals for 2009-2014
2009-2010
- Compile assessment data
- Hire a cell biologist
- Create a vision statement
2010-2014
- Enhance faculty and staff development
- Assess new curriculum
- Bring staffing in line with enrollment

Faculty
- Patrick Crumrine, Ph.D., Assistant Professor; Freshwater and community ecology
- Michael Grove, Ph.D., Associate Professor; Marine ecology and conservation
- Greg Hecht, Ph.D., Associate Professor; Microbiology
- Luke Holbrook, Ph.D., Full Professor; Vertebrate morphology and evolution
- Cristina Iftode, Ph.D., Associate Professor; Eukaryotic genetics
- Alison Krufka, Ph.D., Assistant Professor; Cell and development biology
- Terry O'Brien, Ph.D., Associate Professor; Plant biology
- Courtney Richmond, Ph.D., Associate Professor; Marine and invertebrate biology
- Maria Tahamont, Ph.D., Full Professor; Human biology and physiology

Faculty Awards
Patrick Crumrine
- 2009 Faculty Center Wall of Fame
- Junior Faculty Innovative Teaching Award

Grants
External Grants
Cristina Iftode
• NSF-RUI (Co-PI): RUI: Injectable Multi-functional Scaffolds for Regeneration of Intervertebral Disc Tissue. $318,474. 09/01/10-09/30/13

Internal Grants

Alison Krufka

• NSFG: Evolution of the Lateral Line in Threespine Stickleback FY 2010 $4,600
• Assistant Professor Travel Grant $1,500

Scholarly Activities

Publications

Patrick Crumrine

• Body size, temperature, and seasonal differences in size structure influence the occurrence of cannibalism in larvae of the migratory dragonfly, Anax junius, Aquatic Ecology, (in press, published online February 4, 2010).

Conference Activity

Patrick Crumrine

• Effects of Ecosystem Service and Citizenship Lessons on Environmental Attitudes and Behaviors of Fourth Grade Students, 1st Annual Meeting of the Association for Environmental Studies and Sciences, Madison WI, October, 2009, October 10, 2009 (L. Dubiel, T. Lindsay, R Livingston, E. Nolan, BS Yates)
• Complex effects of agrochemical mixtures on pond ecosystems, 94th Annual Meeting of the Ecological Society of America, Albuquerque, NM; August 5, 2009 (JM Romansic, NT Halstead, TR Raffel, SJ Johnson, T. McMahon)

Luke Holbrook

• With Margery Coombs, Observations on cranial characters of chalicotheres (Mammalia Perissodactyla) with emphasis on the ear region. (Sixty-ninth annual meeting of the Society of Vertebrate Paleontology, Bristol, UK, September 2009), September 26, 2009

Cristina Iftode

• Mutations in a non-conserved C-terminal region of adenovirus DNA polymerase have differential effects on late adenoviral protein production. The 10th Annual Biomedical Research Conference for Minority Students, Phoenix, AZ November 4-7, 2009. p.117 (E. Oni, M. Fitzgerald, R. Lewandowski, T. Smith)
• Non-conserved residues of the adenovirus DNA polymerase required for entry into the late phase of the adenoviral infectious cycle. On Route from Cell Biology to Molecular Medicine, Bucharest, Romania, September 18-21, 2009.
• Chemical luminescence optimization of electrophoretic mobility shift assays. The 12th Annual Rowan Science, Technology, Engineering and Math Student Research Symposium, April 23, 2010. (Eileen Oni, Michael Fitzgerald, Lisa DeGironimo)
• Screening of mutant adenovirus genomes used in the study of gene expression regulation. The 12th Annual Rowan Science, Technology, Engineering and Math Student Research Symposium, April 23, 2010. (Jacqueline Davis, Sherri English, Bianca Hess)
• Poster juror and discussant at the Cooper-UMDNJ Research Week, Camden, NJ, April 19, 2010.

Alison Krufka
• *Ureagenesis in Developing Zebrafish*, Mid-Atlantic Society for Developmental Biology Meeting, Baltimore, MD, June 4, 2010 (Ljuba Caldovic, Himani Majumdar, Mary Pinter)
• Ecological Correlated of Lateral Line Diversity in Three-spine Stickleback (Evolution Meeting, Portland, OR, June 27, 2010) (Matthew Travis, Jason Mora, Cindy Kong)
• Attended conference: Mid-Atlantic Zebrafish Meeting, Philadelphia, PA, April 16, 2010

**Courtney Richmond**

• Mid-Atlantic Chapter of the Ecological Society of America meeting, University of Mary Washington, Fredericksburg, VA, April 17, 2010
• First IV planning workshop for regional team leaders, Kellogg Biological Station, Hickory Corners, MI April 8-11, 2010
• First IV workshop, Smithsonian Environmental Research Center, Edgewater, MD, May 18-21, 2010

**Other Scholarly Activity**

**Courtney Richmond**

• Grant proposal reviewer (separate from NSF panel), National Science Foundation- Biological Oceanography program, 10/2010
• Manuscript reviewer, Aquatic Biology (1), Limnology & Oceanography(2), Marine Ecology Progress Series (3), various dates from August 2009 – March 2010

**Terry O’Brien**

• Research and preparation of taxonomic treatment of the moss *Helodium* for the The Flora of North America, January 1, 2010-May 30, 2010
• Research on the phylogeographic pattern in the moss *Aulacomnium palustre*, September 1, 2009-May 30, 2010

**Greg Hecht**

• Co-PI on grant proposal to National Science Foundation “URM: Preparing Future Biologists at Rowan University” (Patrick Crumrine, PI). Submitted April 26, 2010
• Co-PI on grant proposal to National Science Foundation “MRI: Acquisition of a Matrix Assisted Laser Desorption-Ionization Time of Flight Mass Spectrometer for Use in Undergraduate Chemistry, Biology, and Engineering Research.” (Gregory Caputo, PI) Submitted April 26, 2010
• “Investigation of Breakdown of Fats, Oils, and Greases.” Co-PI on funded project housed in Department of Chemical Engineering (Zenaida Gephardt, PI) January 19, 2010-May 10, 2010
Chemistry & Biochemistry

Degree Programs
Undergraduate
- B.A. in Chemistry
- B.S. in Biochemistry
- B.S. in Chemistry
- B.S. in Physical Sciences/Chemistry

Graduate
- Joint M.A. in Subject Matter Teaching with Education

Minors/Concentrations
- Minor in Chemistry

Students
- Undergraduate Majors: 176
- Number of 2009-10 graduating students: 36

Strategic Goals for 2009-2014

2009-2010
- Improve curriculum with more upper level major courses
- Provide more student research opportunities
- Develop highly-demanded and interdisciplinary programs, such as Forensic Science and Biomedical Science

2010-2014
- Reach the excellence on innovative educational programs
- Build up more fundable cutting-edge research base
- Develop long-term faculty development plan

Faculty
- Greg Caputo, Ph.D., Assistant Professor; Biochemistry/Biophysical
- Subash Jonnalagadda, Ph.D., Assistant Professor; Organic Chemistry/Synthesis
- Amos Mugweru, Ph.D., Assistant Professor; Analytical Chemistry/Biosensor
- Robert Newland, Ph.D., Full Professor; Organic Chemistry/Polymer
- Kandalam Ramanujachary, Ph.D., Full Professor; Inorganic/Solid State Chemistry
- Catherine Yang, Ph.D., Full Professor; Biochemistry/Medicinal Chemistry
- Lei Yu, Ph.D., Assistant Professor; Analytical Chemistry/Nano Materials

Grants
External Grants
- **Kandalam Ramanujachary**, CoPI
  - “Heavy Metal Contamination in High Way Marking Beads”, [co-PI] 1/1/2008-6/30/2010 from New Jersey State Department of Transportation, Amount: $269,142

Catherine Yang

PI, “Design of Pyridine-Containing Drug Analogs”, Combi Blocks, 1/1/2008-12/30/2011, $100,000

Greg Caputo


Scholarly Activities

Publications

Amos Mugweru

Nathaniel Havens, Phong Trihn, Daniel Kim, Manelich Luna, Adam K. Wanekaya, Amos Mugweru “Redox polymer covalently modified multiwalled carbon nanotube based sensors for sensitive acetaminophen and ascorbic acid detection”, Electrochimica Acta, 2010, 55(6), 2186-2190

Zuliang Shen; Amos Mugweru “Electrochemistry of protein and redox polymers trapped in polyethylene glycol diacrylate” Journal of Undergraduate Chemistry Research 2010, 9(1), 1-5


Kandalam Ramanujachary

A new low temperature methodology to obtain pure nanocrystalline nickel borate
By Menaka; Lofland, Samuel E.; Ramanujachary, Kandalam V.; Ganguli, Ashok K. From Journal of Organometallic Chemistry (2010), 695(7), 1002-1005.

Enhancement of magnetic ordering temperature in iron substituted ytterbium manganese (YbMn$_{1-x}$Fe$_x$O$_3$)

New quaternary Zintl phases - Synthesis, crystal and electronic structures of KA$_2$Cd$_2$Sb$_3$ (A = Ca, Sr, Ba, Eu, Yb)
By Saparov, Bayrammurad; Broda, Matthew; Ramanujachary, Kandalam V.; Bobev, Svilen From Polyhedron (2010), 29(1), 456-462.

Amino Acid Based MOFs: Synthesis, Structure, Single Crystal to Single Crystal Transformation, Magnetic and Related Studies in a Family of Cobalt and Nickel Aminoisophthalates
By Sarma, Debajit; Ramanujachary, K. V.; Lofland, S. E.; Magdaleno, Travis; Natarajan, Srinivasan From Inorganic Chemistry (Washington, DC, United States) (2009), 48(24), 11660-11676.

Crystal, electronic structures, optical and magnetic properties of Tb$_4$Al$_2$O$_9$
By Li, Y. Q.; Hirosaki, N.; Xie, R. J.; Takeda, T.; Lofland, S. E.; Ramanujachary, Kandalam V. From Journal of Alloys and Compounds (2009), 484(1-2), 943-948.

Magnetic and photocatalytic properties of nanocrystalline ZnMn$_2$O$_4$
By Mohammed Qamar, Menaka; Lofland, Samuel E.; Ramanujachary, Kandalam V.; Ganguli, Ashok K. From Bulletin of Materials Science (2009), 32(3), 231-237.

Engineering of copper molybdates: Piperazine dictated pseudopolymorphs
By Pavani, Katikaneni; Singh, Monika; Ramanan, Arunachalam; Lofland, Samuel E.; Ramanujachary, Kandalam V. From Journal of Molecular Structure (2009), 933(1-3), 156-162.

Micromulsion-mediated synthesis of cobalt (pure fcc and hexagonal phases) and cobalt-nickel alloy nanoparticles
By Ahmed, Jahangeer; Sharma, Shudhanshu; Ramanujachary, Kandalam V.; Lofland, Samuel E.; Ganguli, Ashok K. From Journal of Colloid and Interface Science (2009), 336(2), 814-819.
Catherine Yang


Conference Activity

**Amos Mugweru**

- Kwon, Seo-Young; Mugweru, Amos Detection of PSA antigen on carbon nanotubes using fluorescence microscopy 41st Middle Atlantic Regional Meeting of the American Chemical Society, Wilmington, DE, United States, April 10-13, 2010
- Kong, John; Mugweru, Amos, Synthesis and characterization of magnetic nanoparticles for drug delivery applications, 41st Middle Atlantic Regional Meeting of the American Chemical Society, Wilmington, DE, United States, April 10-13, 2010
- Iuliucci, Marc, and Mugweru, Amos, Self assembled multilayer films of cytochrome C and DNA for bio-activation studies, 41st Middle Atlantic Regional Meeting of the American Chemical Society, Wilmington, DE, United States, April 10-13, 2010
- Trinh, Phong and Mugweru, Amos Electrochemical sensors based on poly[4-vinylpyridine Os(bipyridine)2Cl]-co-ethylamine on glassy carbon electrode for glucose analysis, 41st Middle Atlantic Regional Meeting of the American Chemical Society, Wilmington, DE, United States, April 10-13, 2010
- Mugweru Amos and Shen Zuliang “Sensitive methods for detection of acetaminophen and hydrogen peroxide using redox polymers and heme proteins trapped in hydrogel” Book of Abstracts, Pittsburgh Conference, Orlando, FL, United States, February 27- March 5, 2010
- Mugweru, Amos, Trinh, Phong; Ramanujachary, Kandalam V.; Ganguly, Aparna; Ganguli, Ashok; “Claisen-Schmidt Condensation Reaction Catalyzed by Magnesium Oxide Nanoparticles” 36th Northeast Regional Meeting of the American Chemical Society, Hartford, CT, United States, October 7-10, 2009
- Mugweru, Amos; Shen, Zuliang. “Electrochemistry of mixed electroactive species trapped in polyethylene glycol polymer networks” 238th American Chemical Society Meeting, Washington DC, United States, August 16-20, 2009
- Mugweru Amos; Nathaniel Havens “Carbon nanotube based electrochemical sensors for PSA in polyethylene glycol-diacylate (PEG-Da) hydrogels’ 237th American Chemical Society meeting & Exposition March 22-26, Salt Lake City, UT United States, 2009

**Kandalam Ramanujachary**

- **Claisen-Schmidt Condensation Reaction Catalyzed by Magnesium Oxide Nanoparticles.** By Trinh, Phong; Ramanujachary, Kandalam V.; Ganguly, Aparna; Ganguli, Ashok; Mugweru, Amos From Abstracts, 36th Northeast Regional Meeting of the American Chemical Society, Hartford, CT, United States, October 7-10 (2009)
Catherine Yang

Other Scholarly Activity
Catherine Yang
- Engaged in collaborative research with Dr. Robert Coifman from Allergy Association on vaccine development of poison ivy.

Accomplishments
- Joint grant proposal effort with GCC on DOL chemical/biochemical job training program, $2.5 million
- The fourth annual Rowan Sciences Day was held on campus on March 26, 2010. The event hosted approximately 110 high school students from 10 schools in our area including Gloucester, Camden, and Cumberland counties. The event showcased five departments at Rowan: Biological Sciences, Chemistry & Biochemistry, Computer Science, Mathematics and Physics & Astronomy. Students in attendance visited demonstrations in three of these departments based on their specific interests. The Chemistry & Biochemistry department provided hands-on demonstrations for the students that encompassed chromatography, spectroscopy, electrochemistry, polymer chemistry and biochemistry. The Chemistry & Biochemistry department demonstrations were, on average, ranked the highest in satisfaction by students who filled out a survey at the end of the day. The organizing committee was co-chaired by Gerald Hough (Biological Sciences) and Greg Caputo (Chemistry & Biochemistry).
- 2009 department newsletter distributed to alumni

Notable Student Achievements
- American Chemical Society Student Annual Award
- American Chemical Society-Chemist Award
- Student Travel Award from the Biophysical Society of American Chemical Society
- SAIL Award
- Presentations at professional conferences:
  - Two posters at MARM-ACS
  - Six posters at SJACS
  - One poster at Temple/PACS symposium
  - One poster at Biophysical Society Meeting
  - Twelve STEM symposium posters
Computer Science

Degree Programs
Undergraduate
- B.S. in Computer Science
  Specializations:
  - Software Engineering
  - Networking and Operating Systems
  - Information Technology
  - Programming Languages and Compilers
  - Artificial Intelligence
- B.S./M.S. Accelerated Program

Graduate
- B.S./M.S. Accelerated Program
- Certificate of Graduate Study in Networks
- Certificate of Graduate Study in Software Engineering
- Certificate of Graduate Study in Web Development
- M.S. in Computer Science

Minors/Concentrations
- Minor in Computer Science

Students
- Undergraduate Majors: 215
- Number of 2009-10 graduating students: 32

Strategic Goals for 2009-2014
2009-2010
- Begin the M.S. in Computer Science
- Begin the B.S./M.S. in Computer Science
- Begin the COGS in Software Engineering, Web Development, and Networks
2010-2014
- Fully implement MSCS, B.S./M.S., COGS programs
- Develop activities for the Learning Community
- Increase funding from government and industry collaboration

Faculty
- Khaled Amer, Ph.D., Assistant Professor; Theoretical computer science
- Ganesh Baliga, Ph.D., Full Professor; Machine learning, object oriented design & modeling, Web computing
- Seth D. Bergmann, M.S.E., Associate Professor; Programming language design and implementation, data locality in sorting algorithms.
• Joel M. Crichlow, Ph.D., Associate Professor; Ph.D.; Distributed Systems: management of replicas, transaction processing protocols.
• Stephen Hartley, Ph.D., Associate Professor; Computer science education, concurrent programming, operating systems.
• Vasil Y. Hnatyshin, Ph.D., Associate Professor; Quality of service in IP and wireless networks, computer and network security
• Gabriela Hristescu, Ph.D., Associate Professor; Computational biology, databases, parallel and distributed computing, artificial intelligence
• Jennifer Kay, Ph.D.; Associate Professor; Robotics, artificial intelligence, human-computer interaction, computers and the elderly, cryptography, Computer Security
• Andrea F. Lobo, Ph.D., Full Professor; Wireless networks, protocols & applications, Internet protocols & applications, computer network performance, systems modeling and simulation
• Darren F. Provine, M.A., Instructor; Human-computer interaction, web programming, computer science education
• John Robinson, Ed.D., Professional Staff; Computer networking, Web/CGI programming, object-oriented design & programming, wireless technology, hardware design/VHDL, computer science education
• Adrian S. Rusu, Ph.D., Associate Professor; Information visualization, human-computer interaction, algorithms, graph theory, computer graphics, computer animation, computer security, digital watermarking
• Jerome F. Spencer, M.B.A., Professional Staff
• Bernard P. Sypniewski, J.D., Assistant Professor; Computation linguistics, artificial intelligence, bioacoustics
• Nancy L. Tinkham, Ph.D. Assistant Professor; Artificial intelligence, theoretical computer science, inductive logic programming, computational linguistics, computer science education
• Leigh Weiss, M.S., Associate Professor; FPGA, Design
• Jianning Xu, Ph.D., Full Professor; Computer image processing, pattern recognition, mathematical morphology

Grants

External Grants

Adrian Rusu
• Mission Solutions Engineering, Visualization and Software Engineering Strategies for Tactical Decisions Advances, $100,000 contract

John Robinson
• "Integrating Embedded Systems Programming into Computer Science Education", Aldec Inc., University Program, 2010, $2650

Continuing External Grants

Adrian Rusu
• FAA-GUI Development Project

John Robinson
• IBM Academic Initiative Program, perpetual, $25,000

Internal Grants

John Robinson
"Integrating VHDL Technology into the Computer Science Curriculum", Professional Development Grant, Rowan University, 2009, $618.35.

Scholarly Activities

Publications

Joel Crichlow


John Robinson


Conference Activity

Vasil Hnatyshin


Vasil Hnatyshin and John Robinson


Jiok Crichlow and Stephen Hartley


Seth Bergmann


Jennifer Kay


Other Scholarly Activity

Adrian Rusu and John Robinson

- A research paper titled "Learning Software Engineering Basic Concepts using a Five-Phase Game" has been recently accepted at the 40th Annual ASEE/IEEE Frontiers in Education Conference. The innovative class setup developed by the course instructor, Dr. Adrian Rusu, in collaboration with Dr. John Robinson (Rowan CS) and Dr. Amalia Rusu (Fairfield University), allowed all thirty students registered for the class to equally participate at the same time in the development of the project.

Vasil Hnatyshin

- Served as a paper reviewer for the journals Computer Networks and International Journal of Network Management.
Jennifer Kay
- Reviewed papers for the ACM Transactions on Computing Education (TOCE) journal and for the ACM SIGCSE and ACM ITICSE conferences.
- Gave a talk for Senior Citizens at the Congregation Mkor Shalom Brown Bag Lunch Series titled “Robots 101”.

Stephen Hartley and Joel Crichlow
- Supervised a student research project: Combining Optimism and Pessimism in Accessing Replicas.

Nancy Tinkham
- Along with Shreekanth Mandayam and thesis advisor Robi Polikar, served on the thesis defense committee for Ryan Elwell. The thesis was titled “Learning in Non-Stationary Environments”.

Accomplishments
- The 24th Annual Rowan University Programming Contest for high school students was held in April 2010. 79 students with their coaches attended. Director: Darren Provine.
- The Rowan University FIRST Lego® League Qualifying event for high school students was held December 2009. Co-chair: Jennifer Kay.

Notable Student Achievements
- Three CS students (Benjamin Hample, Robert Russell, Edward Burns) co-authored a research paper recently accepted for publication at the 14th IEEE International Conference on Information Visualization, titled "Dynamic Visualizations for Soccer Statistical Analysis". Student Edward Burns will use this work as foundation for his Computer Science M.S. thesis. Ed will present this paper at the conference in London in July 2010. This work was in collaboration with a Physical Education faculty and students from University of Craiova, Romania.
- The semester-long project of ten students from the Spring 2010 Software Engineering II class, taught by Dr. Adrian Rusu, working in collaboration with three engineering students led by Dr. Hong Zhang of Rowan Mechanical Engineering, won second place in the IARC 2010 robotics competition, ahead of schools such as Drexel, TCNJ, or UPenn. Their score was 0.4 points less than the Temple winning team. This project achieved the important course learning outcome of specifying, designing, implementing, and testing a significant real-time safety-critical software project.
- Eleven students from the Spring 2010 Software Engineering II class were recognized with certificates of appreciation by AtlantiCare representatives for their semester-long project titled FallBot. This project achieved the important course learning outcome of specifying, designing, implementing, and testing a significant real-time safety-critical software project.
- Five students from the Spring 2010 Software Engineering I/Lab, taught by Dr. Adrian Rusu, were recognized with certificates of appreciation for their contribution to the FAA's Agent-Based Air Traffic Simulation project, and five others were recognized with certificates of appreciation for their contribution to the Lego® League's Tournament Scheduler project.
English

Degree Programs
- B.A. in English

Minors/Concentrations
- Minor in English
- Sequence in Liberal Studies: Humanities/Social Sciences

Students
- Undergraduate Majors: 471

Strategic Goals for 2009-2014

2009-2010
- Create new graduate classes for IMPACT grant
- Assess our curriculum, starting with Literary Studies and Seminars 1 and 2
- Hire 2 lines: British and Multiethnic Literatures of the US

2010-2014
- Successfully run our first group of IMPACT grant graduate courses
- Plan and launch Children’s Literature Series to bring in one Newbery Award winning author each spring.
- Plan and launch a regional conference on Modernism

Faculty
- Nathan Carb, Ph.D., Full Professor; Drama, Shakespeare
- Tanya Clark, Ph.D., Assistant Professor; African American literature, Women’s Studies
- Joseph Coulombe, Ph.D., Associate Professor; Native American Literature, late 19th century US Literature
- William Friend, Ph.D., Associate Professor; Modern and Contemporary Poetry
- Zena Meadowsong, Ph.D., Assistant Professor; Modernism, Modern British literature
- Glenn Odom, Ph.D., Assistant Professor; African Drama
- Catherine Parrish, Ph.D., Assistant Professor; Literature of the American Renaissance
- Lee Talley, Ph.D., Associate Professor; Victorian Literature; Children’s and Adolescent Literature
- Timothy Viator, Ph.D., Full Professor; Drama, Shakespeare; 18th century British Literature, Latino Literature
- Cindy Vitto, Ph.D., Full Professor (currently serving as Associate Dean); Medieval Literature; British Literature; American English Grammar

Faculty Awards
- Lee Talley
  - Faculty Center Wall of Fame for Teaching and/or Advising, Spring 2009
- Catherine Parrish
  - Faculty Center Wall of Fame for Teaching and/or Advising, Spring 2009
Bill Friend
- Faculty Center Wall of Fame for Teaching and/or Advising, Spring 2009

Timothy Viator
- Faculty Center Wall of Fame for Teaching and/or Advising, Spring 2009
- Faculty Center Wall of Fame for Teaching and/or Advising, Spring 2010

Grants
External Grants
Glenn Odom
- Fulbright Award, 2010/2011

Lee Talley
- NEH Award, Summer 2010.
  Sponsor: Children's Literature Association Program: Faculty Research Grant PI: Lee Talley (CoPIs: )
  Subject: Faculty Research Grant for "Operation Pied Piper": WWII Evacuation of British Children and
  the Children's Literature it Inspired. Dates: 6/1/2010 to 8/1/2010. Grant Award: $1,500 (top amount)
  Sponsor: National Endowment for the Humanities Program: Summer Stipend PI: Lee Talley (CoPIs:)
  Subject: NEH Summer Stipend for "Operation Pied Piper": The WWII Evacuation of British Children
  and the Children's Literature it Inspired Dates:6/1/2010 to 8/1/2010. Grant Award: $6,000

Internal Grants
Tanya Clark
- Junior Faculty Travel Grant, Summer 2010, Rowan University Faculty Center, $1,500

Lee Talley
- 2010 CLAS Summer Grant recipient

Scholarly Activities
Publications
Lee Talley

Timothy Viator
- With Martha Graham Viator. "Shakespeare 1.5: Using Essential Questions in the Content Area.'
- "Which American Dream? A Constructive Approach to Teaching American Drama." Teaching American
Literature, 2010.
- With Martha Graham Viator. "Letters from Thomas Coutts to William 'Gentleman' Smith." Theatre

William Friend
- “Requiem for Marilyn Chambers,” “Requiem for Michael Crichton” (poems). Court Green. 2010. 133-
134.

Conference Activity
William Friend
- Marinetti and Madison Avenue, Marinetti and Madison Avenue Modernist Studies Association,
Modernist, Montreal, QC, November 7, 2009.
- Chair and Organizer, "Against Surrealism" Studies Association panel, Against Surrealism, Modernist,
Montreal, QC, November 7, 2009.
Tanya Clark

Glenn Odom

Other Scholarly Activity

Nathan Carb
- Ongoing support for current chair- Departmental Advisory Committee, 2009-2010.

Tanya Clark
- Panel participant on a panel of former Career Enhancement Fellows at the Career Enhancement Fellowship Fall Retreat, discussed my career to date, the overall impact of the Woodrow Wilson fellowship and the role of me. Princeton, NJ, 2009-2010.
- Modern Language Association (MLA), Northeast Chapter (NEMLA). Currently planning Hopkins panel for their 2011 convention.
- College Language Association (CLA), attend conferences and presented.
- American Literature Association (ALA).
- Delta Sigma Theta, public service sorority.
- Founding member of The Pauline Elizabeth Hopkins Literary Society, By-law Committee (will seek elective office at ALA conference.)

Joseph Coulombe
- Reviewed submissions for journal College Literature, 2009-2010
- Promotion Committee, 2009-2010

William Freind
- Served on two search committees for tenure-track faculty members 2009-2010
- Chair, Committee on Committees, 2008-2010
- Senate Exec member 2008-2010
- Director, Norton Poetry Series
- Chair, Finance Committee, English Department 2009-2010

Catherine Parrish
- Attended ADE (Association of Departments of English) conference for Chairs, June 2009.
- Served on two search committees for tenure-track faculty members 2009-2010.
- Invited member of Strategic Planning Executive Committee for CLAS, 2009-2010, and liaison to Localization/Globalization subcommittee.
- Chair of Chairs’ Council, 2008-2010; served on Senate Executive Committee ex officio.
Notable Student Achievements

- Chanelle Wilson, 2010 graduate of the English department, won a Fulbright scholarship to study in South Africa.
Foreign Languages & Literatures

Degree Programs
- B.A. in Spanish

Minors/Concentrations
- Minor in French
- Minor in German
- Minor in Romance Languages
- Minor in Spanish

Students
- Undergraduate majors: 92
- Number of 2009-10 graduating students: 17

Strategic Goals for 2009-2014
2009-2010
- Launch newly-approved Business Spanish Minor
- Improve Strategic Enrollment Management in Dept. Courses
- Create Strategic Alliances with Key Academic Programs in Order to Integrate the Learning of a Foreign Language

2010-2014
- Establish contract with Cooper Medical School to flesh out a series of courses (Spanish for Medical Personnel) with contact Vijay Rajput/Dean Katz.
- Increase involvement with Camden Campus
- Pursue viability (market analysis) of online Spanish Graduate Program

Faculty
- Laurie Kaplis-Hohwald, Ph.D., Associate Professor; Golden Age Literature, Medieval and Renaissance Studies, Translation Studies
- Roberto Madero, Ph. D., Associate Professor; History of the South American Book, Latin American Political History, Literature and Society in Latin America
- Marilyn S. Manley, Ph.D., Associate Professor; Hispanic, Quechua and Anthropological Linguistics
- Anthony J. Robb, Ph.D., Associate Professor; 19-20th Century Peninsular Literature, 20th Century Spanish American Literature, Central American Literature, Hispanic Film
- Sonia B. Spencer, Ph.D., Associate Professor; Medieval French Literature, 20th century French Theatre, Francophone Film

Faculty Awards
- Roberto Madero
  - Faculty Center Wall of Fame

Scholarly Activities
Publications
- Anthony Robb
- **Eunice Odio y su sensual mundo poético.** Lewiston, NY, Queenston, Ontario, Lampeter, Wales: The Edwin Mellen Press. 2009.
- **Irene Marquina: el destino de un personaje.** La mujer en la literatura hispanica 8: 271-279, 2009.

**Laurie Hohwald**

**Roberto Madero**
- Sarmiento del nombre a la edición, 2009.

**Conference Activity**

**Anthony Robb**
- Robb, panel moderator, “Tradicion y renovacion en el ambito humanistico, lengua y cultura, arte y literatu.”

**Marilyn Manley**
- Manley, Expressing attitudes and perspectives: Cuzco Quechua epistemic markers in context, Society for the Study of the Indigenous Languages of the Americas (SSILA) and the Linguistic Society of America (LSA) Expressing Attitudes and Perspectives: Cuzco Quechua Epistemic

**Sonia Spencer**

**Other Scholarly Activities**

**Marilyn Manley**
- Manley, Faculty Center Student Ratings Learning Community: continued development of the Rowan University Student Course Evaluation in Banner, Affirming our Values: Success in our Changing Environment, Retreat for Faculty/Professional Staff/Librarians, Rowan University, Glassboro, NJ, May 18, 2010.
- Manley, Q & A Session: The Student Evaluation in Banner, Faculty Center for Excellence in Teaching and Learning, Rowan University, Glassboro, NJ, April 16, 2010.
- Manley, An Introduction to the Iroquois, Dr. Maria Rosado’s undergraduate class “Indians of North America,” Rowan University, Glassboro, NJ, November 16, 2009.
- Manley, An Introduction to Quechua and the Incas, Dr. Maria Rosado’s undergraduate class “Natives of South America,” Rowan University, Glassboro, NJ November 16, 2009.
- Manley, Represented the AFT at the AFT information table, new faculty orientation information fair, Faculty Center for Excellence in Teaching and Learning, Rowan University, Glassboro, NJ, August 26, 2009.
- Manley, Coordinated and led “Coordination Workshop IV, Spanish 1, 2 and 3,” Department of Foreign Languages and Literatures, Rowan University, Glassboro, NJ, August 17, 2009.
- Manley, participation in “Flip Video Cameras in the Classroom,” Presented by Dr. William Wolff of the Writing Arts Department, Co-sponsored by the Faculty Center for Excellence in Teaching and Learning and Instructional Technology Services, Rowan University, Glassboro, NJ, March 10, 2010.
- Manley, participation in “AFT Local 2372 Grievance Workshop,” American Federation of Teachers
Manley, participation in discussion panel, “Building Bridges,” New Faculty Orientation Information, Faculty Center for Excellence in Teaching and Learning, Rowan University, Glassboro, NJ, August, 26, 2009.

Manley, Reviewed two journal submissions to Foreign Language Annals, the official journal of the American Council on the Teaching of Foreign Languages (ACTFL), American Council on the Teaching of Foreign Languages (ACTFL), Summer and Fall 2009.

Manley, Authored a curriculum proposal to revise the Applied Spanish Language Program Sequence A for Rowan University’s Liberal Studies: Humanities/Social Science Major of the College of Graduate and Continuing Education (CGCE), Department of Foreign Languages and Literatures, Rowan University, Glassboro, NJ, Spring 2010.

Anthony Robb

- Followed-up lead regarding Cherry Hill High School Dual Credit Endeavor with foreign languages
- Wrote 7 curriculum proposals which were unanimously approved for a new Minor in Business Spanish

Sonia Spencer

- Fifth successful grant application for a Chinese Fulbright Foreign Language Teaching Assistant for 2010-2011, Rowan University, Glassboro, NJ.
- Supervised and hosted Huihua Lin, Rowan’s fourth Chinese Fulbright Foreign Language Teaching Assistant AY 2009-2010, Rowan University, Glassboro, NJ.
- Participated in the Faculty Center’s Retreat: “Affirming our Values: Success in our Changing Environment,” Faculty Center for Excellence in Teaching and Learning, Rowan University, Glassboro, NJ, May 18, 2010.
- Scholarship Committee Chair, Board of Directors of the non-profit Vineland Regional Dance Company, an honor company and accredited member of Regional Dance America/Northeast, Vineland, NJ.
- New Faculty Orientation Program: Progressive Dinner and AFT Luncheon, Faculty Center for Excellence in Teaching and Learning, Rowan University, Glassboro, NJ, August 25-27, 2009.
- Department, Department Senator 2009-2010
- Department, French and German Coordinator 2009-2010
- University Ujima Female Component of the Dr. Harley Flack Student Mentoring Program 2009-2010

Accomplishments

- Fundraiser Concert to benefit “The Josefina and Enrique Pujals Study Abroad in Latin America Scholarship Fund,” Oct. 23, 2009
- Guest Lecturer: Dr. Salvatore Poeta (Villanova University)

Notable Student Achievements

- Daniel Lane was accepted with full scholarship to Villanova University’s Masters in Spanish program.
- Karela Ruiz received the Foreign Languages & Literatures department award.
- Ashley Scott received The Erika Freiberger Scholarship.
Geography & Anthropology

Degree Programs
- B.A. in Geography
  - Tracks:
    - Cartography and GIS
    - Liberal Arts
    - Planning

Minors/Concentrations
- Certificate in Cartography and GIS
- Concentration in Geosciences
- Concentration in GIS
- Concentration in Planning
- Minor in Anthropology
- Minor in Geography
- Specialization in Human Geography/Anthropology

Students
- Undergraduate Majors: 81
- Number of 2009-10 graduating students: 15

Strategic Goals for 2009-2014
2009-2010
- New B.S. in Planning
- Reestablish the Geographic Alliance for teacher training in geography education
- Bring to Rowan the ‘Geography Bee”
- Streamline the Geography curriculum
2010-2014
- New B.S. in GIS
- Offer Open House/Informational Sessions on Geography programs
- Improve/restructure department web page
- Change department informational flyers

Faculty
- Diane Markowitz, Ph.D., Associate Professor; Forensic Anthropology, Growth and Development, Dental Anthropology, Medical Anthropology, Human Evolution, Human Variation
- Maria A. Rosado, Ph.D., Full Professor; Forensic Anthropology, bioarchaeology, New World archaeology, human evolution, paleopathology, native peoples of the Americas
- David Kasserman, Ph.D., Associate Professor; Historical Anthropology, Cultural Anthropology
- John Hasse, Ph.D., Associate Professor; GIS, urban planning, geospatial research, land use and resource development, planning and public policy, land use geography, environmental planning and spatial analysis
• John Reiser, M.S., Professional Staff; GIS, geospatial research, New Jersey State Atlas, urban planning
• Denyse Lemaire, Ph.D., Full Professor; geomorphology; geology of glaciers, physical geography, remote sensing; geography of Europe, National parks, and Australia
• Richard Scott, Ph.D., Full Professor; GIS, computer cartography, geography of US and Canada, urban geography
• Katrinka Somdahl-Sands, Ph.D., Assistant Professor; political geography, cultural geography, Middle East, Europe, feminist geography, social theory
• Zachary Moore, Ph.D., Assistant Professor; cultural geography, New Jersey Alliance for Geographic Education, geography education, evolution of Geography in the United States’ Public School Curriculum

Grants
Continuing External Grants

Maria A. Rosado
• NSF, Fall 2009, Amount: $227,422; Grant Title: Acquisition of an X-Ray Microfluorescence Spectrometer for use in Undergraduate Materials and Forensic Research and Education, PI: Jeff Hettinger, COPI: KV Ramanujachary, Sam Lofland, Maria Rosado, and Paris VonLockette
• $60,000/year National Guard Internship Program

Internal Grants
• $1,500 RowanCard Web Mapping
• $10,000 Facilities MOA

Scholarly Activities
Conference Activity

Diane Markowitz and Sheila Consinsky
• Child Obesity, Cultural Models of Diabetes, Dietary Change and Risk in Children of Hispanic Migrant Workers in Southern New Jersey
• Conference Abstract Publication: The Ends of Anthropology (he theme of the meeting), American Anthropological Association, 2009 Annual Meeting Abstracts. Our abstract was on p. 214. Date presented: 12/04/09.

Maria Rosado and Paul D’Ariano
• Human and Animal Trabecular Bone: Microscopic Comparative Analysis for the Purposes of Bioarchaeological and forensic Identification
• Conference Abstract Publication: Saint Joseph’s University 21st Annual Sigma Xi Research Symposium
• Conference name: Saint Joseph’s University 21st Annual Sigma Xi Research Symposium, Philadelphia, PA, April 23, 2010

Maria Rosado
• Presented the paper: Human and Animal Trabecular Bone: Microscopic Comparative Analysis for the Purposes of Bioarchaeological and forensic Identification at
• Rowan University’s 13th Annual STEM Symposium, April 23, 2010,
• Saint Joseph’s University 21st Annual Sigma Xi Research Symposium, Philadelphia, April 23, 2010
Co-presenters: Rowan student Paul D’Ariano, Refereed poster session
Diane Markowitz


Katrinka Somdahl-Sands

- Presented the paper: “*Witnessing Dancing in the Streets*” at Mid-Atlantic Regional Meeting of the Association of American Geographers, New Paltz, New York, November 2009.

Other Scholarly Activity

**John Reiser**

- APA-NJ Annual Conference, "Using Internet-enabled GIS Services," 11/05/09, Workshop Leader
- New Jersey Geospatial Forum, "Contributing to OpenStreetMap using ArcGIS," 6/11/10, Lightning Talk
- ESRI Developers Meetup New York, "Contributing to OpenStreetMap using ArcGIS," 6/24/10, Lightning Talk
- Reviewed ESRI Book, "Getting to Know ArcGIS ModelBuilder," 6/11/10
- The RowanCard maps online: http://www.rowan.edu/adminfinance/bursar/rowancard/where/onCampus.html

Accomplishments

- The 2010 New Jersey finals for the National Geographic Bee were hosted by the University for the first time on April 9, 2010 through the efforts of Zachary Moore (Geography & Anthropology). Moore has also received a planning grant from the National Geographic Society to support the New Jersey Alliance for Geographic Education.
History

Degree Programs

Undergraduate
- BA in History
  Specializations:
  - European/Ancient History
  - Global History
  - U.S. History

Graduate
- Certificate of Graduate Study in History
- Certificate of Graduate Study in World History

Minors/Concentrations
- Minor in History
- Sequence in Liberal Studies Humanities/Social Science

Students
- Undergraduate Majors: 515 (56 LS:HSS sequence)
- Graduate Majors: 120

Strategic Goals for 2009-2014

2009-2010
- Proposals for new graduate degree programs

2010-2014
- Launch and development of MA and BA/MA programs
- Improvement of undergraduate education through new hiring
- Improvement of technology and facilities

Faculty
- David Applebaum, PhD, Full Professor; Modern Europe, France, history of gender and sexuality, film
- Corinne Blake, PhD, Associate Professor; Middle East, Islamic Civilization
- Emily Blanck, PhD, Assistant Professor; early America, legal history, intellectual history
- William Carrigan, PhD, Full Professor; 19th-century US
- Kelly Duke Bryant, PhD, Assistant Professor; Africa
- James Heinzen, PhD, Associate Professor; Modern Europe, Russia
- Melissa Klapper, PhD, Associate Professor; US history, women’s history
- Lee Kress, PhD, Associate Professor; 20th-century US, military history, Latin America
- Janet Lindman, PhD, Full Professor; early America, women’s history, Native American history
- Scott Morschauser, PhD, Associate Professor; ancient Mediterranean, medieval Europe
- Chanelle Rose, PhD, Assistant Professor; African-American history
- Q. Edward Wang, PhD, Full Professor; East Asia, historiography
- Joy Wiltenburg, PhD, Full Professor; early modern Europe, women’s history
Faculty Awards

**Corrine Blake**
- 2010 Faculty Center Wall of Fame, Advising

**Emily Blanck**
- 2010 Faculty Center Wall of Fame

**Edward Wang**
- Fellow, Institute for Advanced Study, Princeton, Spring 2010
- Changjiang Visiting Professor, Peking University, appointment renewed for another three years

Grants

*Internal Grants*

**Emily Blanck**
- Frances R. Lax Faculty Development Grant

**Janet Moore Lindman**
- Non-Salaried Financial Grant, Rowan University, 06/04-12/10.

**Chanelle Rose**
- Frances R. Lax Faculty Development Grant

Scholarly Activities

*Publications*

**Books**

**Q. Edward Wang**
- *A Global History of Modern Historiography*, co-authored with George Iggers (Longman 2008) has now been translated into Greek and Chinese (Korean, Russian and Spanish translations also in preparation).

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**Chapters in Books**

**David Applebaum**

**William D. Carrigan**

**James Heinzen**

**Melissa Klapper**

**Joy Wiltenburg**
**Articles in Peer-Reviewed Journals**

**Q. Edward Wang**

**Other Publications**

**William D. Carrigan**

**Melissa Klapper**

**Janet Moore Lindman**
- “Gendering Early America,” review essay on Juliana Barr’s, *Peace Came in the Form of a Woman: Indians and Spaniards in the Texas Borderlands*; Emily Clark’s, *Masterless Mistresses: The New Orleans Ursulines and the Development of a New World Society, 1727-1834*; and Aaron S. Fogelman’s, *Jesus is Female: Moravians and Radical Religion in Early America* for *Gender & History* 21.2 (August 2009). Book Review

**Scott Morschauser**

**Q. Edward Wang**

**Conference Activity**

**Papers Presented**

**David Applebaum**

**Emily Blanck**

**Kelly Duke Bryant**

**William D. Carrigan**
- *Mexican Perspectives on Mob Violence in the United States* (Toward an International History of Lynching, Heidelberg, Germany, June 2010), 06/04/10.

**James Heinzan**

**Melissa Klapper**
- *Teaching About Women and Jewish History* (Association for Jewish Studies Annual Meeting, Los Angeles, December 2009), 12/21/09.

Janet Moore Lindman

Q. Edward Wang

Symposium or Conference Chair, Co-Chair, or Discussant
Emily Blanck
• Oh Freedom: Slavery in New Jersey, Kean University, 03/25/10.

William D. Carrigan
• Annual Meeting of the Western Historical Association, Denver, Colorado, 10/09/09 (comments read by panel chairperson).

James Heinzen
• “Russian Revolutionary Culture before and after 1917” (American Association for the Advancement of Slavic Studies, Boston, November 2009), 11/16/2009, Conference Panel Chair.

Melissa Klapper
• Gender, Race, and Anti-Communism (Scholars Conference on American Jewish History, New York, June 2010), 6/16/10, Conference Panel Chair.
• Perspectives on Youth and Activism: Authority, Agency, and Activism in 1960s and 1970s America (Society for the History of Childhood and Youth Biennial Conference, Berkeley, July 2009), 7/10/09, Conference Panel Chair.

Lee Bruce Kress

Other Scholarly Activity
Emily Blanck
• Attendance at Organization of American Historians, Washington, DC, 04/09/10.

Kelly Duke Bryant

William D. Carrigan
• Assistant Editor, American Nineteenth Century History (Taylor and Francis), 07/01/09-06/30/10.
• Anonymous Book Manuscript Evaluator, University of Illinois Press, 01/29/10-05/03/10.
• External Dissertation Committee Member, Helen McLure, Southern Methodist University, 01/01/07-11/20/09
• Tenure File Review, Amy Louise Wood, Illinois State University, 07/02/09-03/01/10.
• Tenure File Review, Walter David Greason, Ursinus College, 06/01/09-09/17/09.
• Editor for the late Gary Hunter’s *Neighborhoods of Color* (contract in negotiation with Camino Books).

**Lee Bruce Kress**

• Attendance at conferences: National Seminar, Western Front Association, Kansas City, MO, 09/13/2009; Western Front Association, East Coast Branch, Ft. Meade, MD 06/05/2010; Society for Military History, Virginia Military Institute, Lexington, VA, 05/22-23/2010.

**Janet Moore Lindman**

• “Mingled Souls”: *The History of Friendship in Early America*, (Department of History, Rutgers University, Camden, New Jersey), 02/19/10, paper presented.
• *From Metacom to Tecumseh: Alliances, Conflicts, and Resistance in Native North America*, NEH Summer Institute for College and University Teachers, Newberry Library, 06/14-07/09/10.

**Chanelle Rose**

Law & Justice Studies

Degree Programs

Undergraduate
- B.A. in Law and Justice Studies

Graduate
- M.A. in Criminal Justice

Minors/Concentrations
- Minor in Law and Justice Studies

Students
- Undergraduates Majors: 529 (Fall 2009); 568 (Spring 2010)
- Graduates Majors: 12
- Number of 2009-10 graduating students: 153

Strategic Goals for 2009-2014

2009-2010
- Enhance our Camden program
- Recruit additional graduate students to our master's program

2010-2014
- Add new tenure track faculty
- Recruit additional graduate students to our master’s program
- Seek professional certification

Faculty
- Nadine M. Connell, Ph.D., Assistant Professor; Drugs, Juvenile Justice, Evaluation Research
- Joseph D. Davey, J.D., Ph.D., Full Professor; Law
- Wanda Foglia, J.D., Ph.D., Full Professor; Theories of Crime, Death Penalty
- Allan Y. Jiao, Ph.D., Full Professor; Policing, Research Methods
- Donald T. Robinson, M.Ed., Instructor; Policing, Ethics
- Christine A. Saum, Ph.D., Assistant Professor; Theories of Crime, Corrections, Public Policy
- Tony R. Smith, Ph.D., Assistant Professor; Situational Crime Prevention, Research Methods
- Michael S. Vigorita, Ph.D., Associate Professor; Corrections, Maritime Crime
- Michael S. Weiss, J.D., Ph.D., Associate Professor; Law, Criminal Courts, Public Defenders
- Stanley B. Yeldell, J.D., Associate Professor; Law, Victimology

Scholarly Activities

Publications

Books
- Nadine M. Connell
**Book Chapters**

**Wanda Foglia**

**Allan Y. Jiao**

**Periodicals**

**Nadine M. Connell**

**Wanda Foglia**

**Allan Y. Jiao**

**Technical Reports**

**Nadine M. Connell**

**Conference Activity**

**Nadine M. Connell**

Wanda Foglia


Allan Y. Jiao


Michael Vigorita


Other Scholarly Activity

Michael Vigorita

Testified about research on capital jury decision making as an expert witness in the following death penalty cases:
- State of Indiana v. Ronald Davis, 06/11/10
- State of Texas v. John Thuesen, 04/01/10
- State of Oregon v. Randy Lee Gazej, 03/08/10
- State of Oregon v. Joshua Abraham Turnidge, 02/22/10
- State of Oregon v. Imani Charles Williams, 08/12/09

Provided Training based on research on Problems with Capital Jury Decision-Making for Louisiana Capital Assistance Center, 02/25/10

Accomplishments

Law School Fair: (November 11, 2009). Dr. Michael Weiss (Pre-Law Advisor at Rowan University and advisor to the student Pre-Law Society) organized Rowan’s fifth annual Law School Fair, at which 22 law schools sent recruiters to our campus. Approximately 150 students were in attendance.

Criminal justice Career Fair at Camden (March 3, 2010): Dr. Stanley Yeldell organized the first ever criminal justice career fair at Rowan’s Camden campus, featuring recruiters from local, state, federal and private agencies.

Criminal Justice Career Fair on Main Campus (April 13): Dr. Stanley Yeldell organized the annual criminal justice career fair at Rowan’s main campus, featuring recruiters from local, state, federal and private agencies.

NJACJE Meeting at Rowan (April 9, 2010): Visiting Professor Dean Leech (FTT) organized the April meeting of the New Jersey Association of Criminal Justice Educators, hosted by Rowan at the Center for innovation and Entrepreneurship. In attendance were representatives of approximately 15 colleges and universities, including seven of the nine in the southern New Jersey region.

Law and Justice Honors Society Reception (April 18, 2010). Dr. Nadine Connell and Dr. Natalie Schell-
Busey, advisors to Alpha Phi Sigma, Rowan’s chapter of the national criminal justice honor society, organized the annual Honors Society reception. Sixteen new members were inducted, including 3 graduate students, with approximately 50 friends and family members in attendance.

Notable Student Achievements

- Vaughn Crichlow received his M.A. in Criminal justice and received full funding to pursue doctoral studies in criminal justice at the University of Delaware and Michigan State University, two of the top criminal Justice Ph.D. programs in the nation. He will be attending Michigan State in the Fall.
- Adam Fera received his M.A. in Criminal Justice and received full funding to pursue doctoral studies in Criminal Justice at Rutgers University, one of the top Ph.D. programs in the nation. He will be attending Rutgers in the Fall.
Mathematics

Degree Programs

Undergraduate
- B.A. in Mathematics
- B.S. in Mathematics
- B.S./M.A. Accelerated Dual Degree

Graduate
- B.S./M.A. Accelerated Dual Degree
- M.A. in Mathematics
- Certificate of Graduate Study in Middle School Mathematics
- Certificate of Graduate Study in Secondary Education

Minors/Concentrations
- Minor in Mathematics
- Concentration in Applied Mathematics
- Concentration in Statistics and Operations Research

Students
- Undergraduate Majors: 364
- Graduate Majors: 55
- Number of 2009-10 graduating students: 43

Strategic Goals for 2009-2014

2009-2010
- Increase undergraduate student research
- Increase student-faculty interaction
- Increase level of faculty scholarship

2010-2014
- Increase undergraduate student research
- Increase student success rate
- Improve Math basic skills

Faculty
- Abera Abay, Ph.D., Associate Professor; Probability
- Khaled Amer, Ph.D., Assistant Professor; Mathematical Logic
- Janet Caldwell, Ph.D., Full Professor; Math Education
- Ronald Czochor, Ph.D., Full Professor; Biomathematics
- Tonya Davenport, Ed.D., Instructor (three-quarter time); Math Education
- Abdul Hassen, Ph.D., Professor; Number Theory
- Karen Heinz, Ph.D., Associate Professor; Math Education
- Marlena Herman, Ph.D., Associate Professor; Math Education
- Larry Howe, M.A., Assistant Professor; Series of Functions of a Complex Variable
- Olcay Ilicasu, Ph.D., Assistant Professor; Numerical Analysis
- Gary Itzkowitz, Ph.D., Professor; Operator Theory
- Christopher Lacke, Ph.D., Associate Professor; Decision Analysis/Operations Research
- Paul Laumakis, Ph.D., Full Professor; Applied Mathematics/Probability
- Dahlia Lamy, M.S, Instructor (three-quarter time)
- Ming-Sun Li, Ph.D., Associate Professor; Algebra
- Eric Milou, Ed.D., Full Professor; Math Education
- Hieu Nguyen, Ph.D., Full Professor; Differential Geometry
- Thomas Osler, Ph.D., Full Professor; Special Functions/Fractional Derivatives
- Jay Schiffman, M.A., Instructor (three-quarter time); Number Theory
- Christopher Simons, Ph.D., Associate Professor; Group Theory/Finite Mathematics
- Umashanger Thayasivam, Ph.D., Assistant Professor; Statistics
- Evelyn Weinstock, Ph.D., Assistant Professor; Differential Equations
- Dexter Whittinghill, Ph.D., Associate Professor; Statistics/Experimental Design/Statistics Education
- Marcus Wright, Ph.D., Assistant Professor; Complex Analysis
- Xiaoming (Jim) Zeng, Ph.D., Full Professor; Functional Analysis

Grants
External Grants

Janet Caldwell
- Janet Caldwell (PI) – NJ Department of Education Improving Teacher Quality Partnership (ITQP) Grant 2010-2013 ($260,000 Year 1)

Karen Heinz
- Karen Heinz (PI) – NJ Department of Education Mathematics and Science Partnership (MSP) Grant 2010-2011 ($592,000)

Eric Milou
- Sponsor: USDOE via NJDOE. Mathematics and Science Partnership, Start Date: 9/1/09 End Date: 8/31/10 Grant Title: South Jersey Mathematics Partnership, Amount Awarded: $525,000

Scholarly Activities
Publications

Abdul Hassen

Marlena Herman
- Marlena Herman, Exploring Conics: Why Does B^2-4AC Matter? (National Council of Teachers of Mathematics, Mathematics Teacher, accepted 03/23/10)

Christopher Lacke
- Prem S. Mann, with the help of Christopher J. Lacke, Introductory Statistics, 7th edition (John Wiley & Sons, 2010), 692 pages

Eric Milou
- *Number Sense and Rational Numbers: Challenges, Clarity, and Coherence*, (National Council of Teachers of Mathematics, San Diego, April 2010), 04/23/10

Hieu Nguyen

Thomas Osler
- *Triangles of equal area in a hyperbola*, with Adam Romasko, Mathematical Spectrum, 42(2009/2010), pp. 70-74

Jay Schiffman

Dexter Whittinghill III

**Conference Activity**

Janet Caldwell
- Joseph Rosenstein and Janet Caldwell. *National Standards and Their Impact on New Jersey*,(Great Ideas in Precalculus Conference, Piscataway NJ, March 2010), 03/19/2010
- *Marvelous Multiplication and Dazzling Division*, (National Council of Teachers of Mathematics, San Diego CA, April 2010), 04/22/10
- *Elementary Mathematics Specialists*, (New Jersey Association of Mathematics Teacher Educators, Ewing NJ, May 2010), 05/21/10
- Attended National Council of Supervisors of Mathematics, San Diego CA, 04/19-20/10
Abdul Hassen
- Conference Chair at Oslerfest: Mathematics Conference in Honor of Dr Tom Osler’s 70th Birthday, Rowan University, April 16-17, 2010

Karen Heinz
- *Let's Count What We Can't See! Fun Ways to Learn Fact Families* (Association of Mathematics Teachers of New Jersey, Somerset, NJ, October - 2009), Date of presentation – 10/15/09.
- *Key Developments in Children’s Early Number Knowledge* (The Early Childhood Conference, Rowan University, March - 2010), Date of presentation – 3/12/10.

Marlena Herman
- Marlena Herman, Co-Chair, *South Jersey Math Alliance*, Rowan University, conferences on 12/04/09, 05/13/10

Olcay Ilicasu
- Mathematical Association of America, New Jersey Section Fall 2009 Meeting, College of Saint Elizabeth, 11/07/2009.
- Mathematical Association of America, New Jersey Section Spring 2010 Meeting jointly held with The Seventh Annual Garden State Undergraduate Mathematics Conference, Middlesex County College, 04/10/2010.
- Oslerfest, 04/16/2010-04/17/2010, Rowan University.

Hieu Nguyen
- *Foot to the Pedal: Constant Pedal Curves and Surfaces* (Joint Math Meetings, San Francisco, CA, January 2010), 1/13/10
- *Sums of Products of Hypergeometric Bernoulli Polynomials* (MAA-NJ Section Meeting, Middlesex County College, Edison, NJ, April 2010), 4/10/10
- Oslerfest Mathematics Conference, Rowan University, Glassboro, NJ, 4/17/10
- From A=B to Z=60 Zeilberger Mathematics Conference, Rutgers University, Piscataway, NJ, 5/27/10

Thomas Osler
- *Euler and the continued fractions of Wallis and Brouncker*. Presented at the Eighth annual meeting of The EulerSociety:At Rodger Williams University, Bristol, RI on July 14, 2009.

Jay Schiffman


• Jay L. Schiffman, *Rowan’s High School Mathematics Model*, Mathematics Teacher Education in New Jersey, Conference Brochure, 1st Conference at Mercer County College, West Windsor, NJ, Date of Presentation: 11/21/09. (not published)

• Jay L. Schiffman, Moderator of Sharing Session: *Common Student Mistakes and How to Alleviate Them*, The 24th Good Ideas in Teaching Precalculus and..., Rutgers – The State University of New Jersey Program Booklet, Rutgers University, Piscataway, NJ, Date of Sharing Session: 03/19/10. (not published)

• Jay L. Schiffman, The OCTM Annual Statewide Conference (The Ohio Council of Teachers of Mathematics), Cincinnati, OH, Date of Attendance: 11/12/09-11/14/09.


• Jay L. Schiffman, Attended the Fourth Annual Conference of The New Jersey Association of Mathematics Teacher Educators which convened at The College of New Jersey in May 2010. Date of Attendance: 05/21/10.
Christopher Simons
- Oslerfest, Rowan University, Date of attendance – 04/16/2010 & 04/17/2010

Dexter Whittinghill III
- United States Conference on Teaching Statistics, Columbus. OH, 06/25-27/09. (Not on last year’s report.)
- Joint Statistical Meetings, Washington, DC, 08/02-06/09.
- Mathematical Association of America-NJ Section Spring Meeting, Edison, NJ, 04/10/10. Chair and organizer of the “Statistics: Practice and Pedagogy” contributed paper session.

Marcus Wright
- Mathematical Association of America – New Jersey Section and Garden State Undergraduate Mathematics Conference Spring Meeting, Middlesex County College, 04/10/2010
- Oslerfest, Rowan University, 04/06, 07/2010

Other Scholarly Activity
Janet Caldwell
- Grant proposals for Pinelands Curriculum Project to Mitsui (10/08/09 - declined) and to EPA (12/15/09 - pending) and for IMPACT project (10/15/09 – funded for $260,000 for year 1 of 3)
- Revision of chapter for *Essential Understandings Multiplication and Division* for NCTM (ongoing)
- Development of *Essential Understandings Addition and Subtraction* for NCTM (ongoing)
- Review and comment on common core national math standards (ongoing)

Karen Heinz
- *Articulation of Content, Expectations, and Standards in Math and Science (ACES)*; Mathematics and Science Partnership Grant; NJ Dept. of Education; $592,000; 07/01/10 to 06/30/11.
- Co-editor of the Connecting Research to Teaching department of the *Mathematics Teacher*, a national journal published by the National Council of Teachers of Mathematics; 04/17/08 to present.

Marlena Herman
- Reviewed 3 manuscripts submitted to *Mathematics Teacher* (National Council of Teachers of Mathematics), 4 manuscripts submitted to the *New Jersey Mathematics Teacher* (Association of Mathematics Teachers of New Jersey), and 2 manuscripts submitted to the *Ohio Journal of School Mathematics* (Ohio Council of Teachers of Mathematics), 07/01/09 – 05/31/10

Christopher Lacke
- Presentation of the basics of linear programming (graphical method, using Legos) to the Pitman Middle School MathCounts team, 05/11/10.

Paul Laumakis
- Facilitator, SJMP Summer Workshop for Elementary Math & Science Teachers, August 2009

Hieu Nguyen
- Supervised 2 undergraduate students in mathematical research. Both students presented posters of their work at Rowan’s STEM Symposium, 4/23/10:
  - Malik Ahmed, Debugging the Mandelbrot Set
  - Melvin Thomas, Searching for Ghost Solitons

Jay Schiffman
- Jay L. Schiffman, Sponsored Research on Odd Abundant Numbers with Undergraduate Student and Mathematics Major Jacqueline (Jackie) Huynh.
• Took the minutes as secretary for The New Jersey Association of Mathematics Educators (NJAMTE). Meetings were held at The College of New Jersey.

Christopher Simons
• Referee for American Mathematical Monthly, May 2010

Dexter Whittinghill III
• Editor of Datasets & Stories column of the Journal of Statistics Education. 01/01/07-12/31/12.

Marcus Wright
• Undergraduate research advisor for Jonathan Weisbrod
• Project title: Patterns in a Ternary Tree of Pythagorean Triples, 01/01/2009 – 06/30/10
• Jonathan presented talks on this topic at the MAA Mathfest meeting, Portland, Oregon, 08/07 – 09/2009, the MAA/AMS Combined Meeting, San Francisco, 01/10 – 12/2010, the Mathematical Association of America – New Jersey Section and Garden State Undergraduate Mathematics Conference Spring Meeting, Middlesex County College, 04/10/2010, and at Oslerfest, Rowan University, 04/06, 07/2010
• STEM Symposium sponsor for Jonathan Weisbrod, 02/23/2010

Accomplishments
• Oslerfest: A Mathematical Conference in Honor of Professor Thomas Osler’s 70th Birthday, April 16-17, 2010

Notable Student Achievements
• Six publications co-authored by students
• Nine conference presentations (talks and posters)
• Six Rowan STEM poster presentations
Philosophy & Religion

Degree Programs
- B.A. in Philosophy and Religion Studies
  Specializations:
  - Philosophy
  - Religion Studies

Minors/Concentrations
- Minor in Philosophy
- Minor in Philosophy and Religion Studies
- Concentration in Ethics
- Concentration in Philosophy and Religion Studies

Students
- Undergraduate Majors: 22
- Number of 2009-10 graduating students: 3

Strategic Goals for 2009-2014
2009-2010
- Increase numbers of majors/minors: Majors reach 21-25; Minors reach 18-20 (counting in students in Philosophy/Religion Sequence in the LS:HS and in the CGCE.)
- Help raising fund for a scholarship in World Philosophy and Religion Studies for our majors
- Organize and publicize the department colloquia: 2 in fall and 2 in spring

2010-2014
- Increase numbers of majors/minors: majors reach 50, graduates 10-12 per year; minors reach 50
- Help raising fund for an annual scholarship of $1000 in World Philosophy and Religion Studies
- Explore funding possibilities for research projects in environmental studies, ethical studies, for regional philosophy conferences, ethics center, lecture series in interreligious dialogue, and for best student research paper prize

Faculty
- Dianne Ashton, Ph.D., Professor; American Judaism, Women in Judaism
- David Clowney, Ph.D., Associate Professor; Ethics, Aesthetics
- Matt Lund, Ph.D., Associate Professor; Philosophy of Science, Cognitive Science
- Ellen Miller, Ph.D., Associate Professor; Ethics, Feminist Philosophy
- Youru Wang, Ph.D., Professor; Asian Religions/Philosophies, World Religions

Grants
Internal Grants
- Dianne Ashton
  - Career Development Grant, $4500
Scholarly Activities

Publications

Dianne Ashton

David Clowney

Matt Lund
- “Preface,” in *Patterns of Discovery* by Norwood Russell Hanson (reissue, originally published in 1958), Cambridge: Cambridge University Press, 2010
- “Preface,” in *The Concept of the Positron* by Norwood Russell Hanson (reissue, originally published in 1963), Cambridge: Cambridge University Press, 2010

Ellen Miller

Conference Activity

David Clowney
- “Four Environmental Virtues,” paper presentation to International Society for Environmental Ethics, June 11, 2010, Allenspark, Colorado
- “Ethics and Climate Change,” invited presentation to the Philosophy Department and Philosophy Club, Burlington County College, NJ, April 22, 2010

Matt Lund
- “Can Arguments from Authority in Scientific Inquiry be Justified?” Paper presentation to the Department of Philosophy and Religion Colloquium, College of New Jersey, Oct. 5, 2009

Ellen Miller
- “Geo-Aesthetics in the Classroom: Promoting Children’s Ethical Awareness through Environmental Awareness,” Paper presentation to International Association for Environmental Philosophy, May 26, 2010, University of Salisbury, Maryland
- “Listening to Deep Ecology, Ecofeminism and Trees: The Giving Tree and Environmental Philosophy,” Paper presentation to the Department of Philosophy and Religion Studies Colloquium, Rowan University, March 30, 2010

Youru Wang
- “Paradoxicality of Institution, De-Institutionalization, or the Counter-Institutional in Chinese Classical Chan Buddhist Thought,” paper presentation to the 5th International Conference on Philosophy, Athens Institute for Education and Research, Greece, May 30, 2010
Other Scholarly Activity

Dianne Ashton
- Member of American Jewish History Fein Research Award and Lapidus Fellowship Committees

David Clowney
- Reviewer for *Journal of Aesthetics and Art Criticism*

Matt Lund
- “Were the Dark Age Really Dark?” Lecture to Woodstown Philosophical Society, Friends Village, Woodstown, NJ, March 19, 2010

Youru Wang
- Member of Editorial Board for the *Dao: A Journal of Comparative Philosophy* published by Springer; reviewer for *Philosophy East and West*

Accomplishments
- Four Department Colloquia in October, November, March and April
- Faculty New Books Exhibition in April
- First time award the Charles W. Fu Scholarship in World Philosophy and Religion Studies of $500 to a student of Philosophy/Religion major
Physics & Astronomy

Degree Programs
- B.S. Physics
- B.S. Physics, Photonics Specialization
- B.S. Physical Science, Physics Specialization

Minors/Concentrations
- Minor in Astronomy
- Minor in Physics
- Concentration in Materials Science

Students
- Undergraduate Majors: 105

Strategic Goals
2009-2010
- Increase student opportunity for research
- Better tracking/contact with alumni
- Expose majors to external physics

2010-2014
- Reduce reliance on adjuncts and improve adjunct quality
- Expand research space to meet increasing needs
- Increase interdisciplinary contribution our dept (biomaterials, applied physics)

Faculty
- Donald Farnelli, Ph.D., Associate Professor; Astronomy & Earth Science
- Eduardo Flores, Ph.D., Associate Professor; Theoretical High Energy Physics
- Erick Guerra, Ph.D., Associate Professor; Radio Astronomy & Astrophysics
- Jeffrey Hettinger, Ph.D., Professor; Experimental Condensed Matter Physics
- Jeffrey Hettinger, Ph.D., Professor; Experimental Condensed Matter Physics
- David Klassen, Ph.D., Associate Professor; Planetary Science
- Michael Lim, Ph.D., Associate Professor; Experimental Atomic, Molecular, & Optical Physics
- Hong Y. Ling, Ph.D., Professor; Theoretical Atomic, Molecular, & Optical Physics
- Samuel Lofland, Ph.D., Professor; Experimental Condensed Matter Physics
- Karen Magee-Sauer, Ph.D., Professor; Planetary Science

Grants
- Focused Research Group: MAX Phase Solid Solutions-Unique Opportunities at Engineering Bulk and Solid Solution Properties, Co-PI; Source of Support: National Science Foundation; Total Award Amount: $800,000($303,000 to Rowan); 09/01/05-08/30/10.
MRI: Acquisition of a wavelength dispersive x-ray fluorescence spectrometer for use in undergraduate materials and forensic research and education, PI, Source of Support: National Science Foundation, Total Award Amount: $227,422, 09/01/08-08/31/09.

MRI R2: Acquisition of a four circle x-ray diffractometer for use in undergraduate materials research and education, Co-PI, Source of Support: National Science Foundation, Total Award Amount: $289,946, 1/01/10-12/31/10.

Ben Kain
- Awarded $2000 grant from the New Jersey Space Grant Consortium; 2009-2010.

David Klassen

Michael Lim
- RUI Grant, National Science Foundation/US Department of Energy Partnership in Basic Plasma Science and Engineering, PI, $189,000, 2006-present.

Hong Ling
- “Coupled atom-polar molecule condensate systems: a theoretical adventure”, PI, National Science Foundation, $75,000; 2009 – 2011.

Sam Lofland
- Materials World Network: Study of Lattice Dynamics and Phonon, Magnon and Electro-magnon Interactions in rare earth manganite multiferroics, PI, NSF, $90,000, 09/01/09 - 08/30/12.
- RUI: Magneto-mechanical coupling in isotropic vs. anisotropic, hard vs. soft-magnetic magnetorheological elastomers, Co-PI, NSF, $78,000, 09/01/09 - 08/30/12.
- MRI R2: Acquisition of a four-circle x-ray diffractometer for use in undergraduate materials research and education, PI, NSF $262,000, 02/15/10 - 12/31/11.
- MRI-R2: Acquisition of an X-ray Computed Tomography System with Loading Capabilities, Co-PI, NSF, $303,000, 01/01/10 - 12/31/11.
- Multifunctional Magnetic Sensors, PI, Navy, $35,000, 02/10/10-02/09/11.

Karen Magee-Sauer
- RUI: Infrared Spectroscopy and Characterization of Comets, National Science Foundation, Total Award Amount: $155,443, 05/01/04 - 04/30/10.

Tatjana Miletic
- Rowan University is subcontracted under Drexel University grant “Systems to Increase Neutrino Detection Precision with the Double Chooz Detectors” awarded to Dr. Charles E. Lane.

Scholarly Activity

Journal Articles

Ron Bruner

Eduardo Flores

Jeff Hettinger
David Klassen

Ernst Knoesel

Michael Lim

Hong Ling

Sam Lofland


Karen Magee-Sauer


Tatjana Miletic


Conference Activity

Papers Presented and Published in the Proceedings of a Conference

Ron Bruner


Eduardo Flores


Erick Guerra


Jeff Hettinger


Ben Kain


David Klassen
- Campbell, C., Rowan Mars Research Team. “Mars Neutron/Gamma-ray Data Clustering.” Bulletin of the American Physical Society, 2/2010, C1.20. [RMRT includes Klassen, D. as Rowan advisor for the project and Freas, D. as research assistant]

Michael Lim

Hong Ling

Sam Lofland

Karen Magee-Sauer

Attended a Conference
Erick Guerra
Ben Kain
David Klassen
Karen Magee-Sauer
• American Council on Education: Chairing the Academic Department, Austin, TX, November 4-7 2009.
Tatjana Miletic
• Double Chooz collaboration meeting in Givet, France June 6–9, 2010.

Other Scholarly Activity
Don Farnelli
• Public Presentation on "The Star of Bethlehem" and the "Blue Moon", The Word Church, 12/20/2009
• Outreach, “Sunday on Saturday”, Rowan University, 3/6/2010
• Outreach, Holly Glenn Elementary School, Williamstown, NJ, 4/16/2010
• Outreach, Public "Dune and Beach Walk" at Corson's Inlet Park, 5/28/2010
Eduardo Flores
• Referee for articles in: American Journal of Physics, Foundations of Physics, and International Journal of Theoretical Physics
Erick Guerra
• Directed student researcher, Chris Urban. Project to detect vibrations in the observatory and develop strategies to improve 0.4-meter telescope performance. 01/19/10-05/01/10.
- Directed student researcher Richard Pultar. Project was multiband photometry of galaxies at distances between 500 million and 1 billion light years using the 0.4-meter in Science Hall. 01/19/10-05/01/10.

**Jeff Hettinger**

Directing of Graduate Student Research:
- John Carroll, Rowan University, MS Electrical and Computer Engineering, February, 2010. Thesis Title: “A study of Chromium Substituted Vanadium Carbide Films”, [in collaboration with Lofland (Physics) and Robert Krchnavek (ECE)].

**Ben Kain**

- Department of Physics & Astronomy Colloquium Series, “Particle Physics!” September 2009.

**David Klassen**

- Created, administered, and scored two events for the New Jersey Science Olympiad, South Jersey Regional event. Camden County College, Blackwood, NJ. January 9, 2010.
- Created, administered, and scored one event for the New Jersey Science Olympiad, State Finals event. Middlesex County College, Edison, NJ. March 16, 2010.
- Presented two talks, “Astronomy at Rowan University” and “Martian Cloud Modeling using CRISM NIR Spectra” at the Philadelphia Area Astronomers meeting. Swarthmore College, Swarthmore, PA. June 2, 2010. [Three of my research students presented their work with me as well—two as posters, one as a talk.]
- Mentored undergraduate students Peter Harrison, Ian Dougherty, Carl Campbell, and Daniel Freas.

**Michael Lim**

- NSF Reviewer, Theoretical Atomic, Molecular, and Optical Community (TAMOC) Program, 2010.

**Hong Ling**

- Organizer of Physics Department Colloquia Series

**Sam Lofland**

- Editorial Board, Journal of Magnetism

**Karen Magee-Sauer**

- Reviewer, National Science Foundation OISE-IRFP, Postdoctoral Research Fellowship, November 2009.
- Reviewer, National Science Foundation Planetary Astronomy Program, March 2010.
- Mentored Undergraduate Student Research: Rachel Spreng and Michael Fodor

**Tatjana Miletic**

• Widener University Physics Department Colloquium, April 2010. “Neutrino Physics with Double Chooz Detector”
• Organizing committee for Tesla Science Foundation Conference being held in Philadelphia, July 2010.

Accomplishments
• Hong Ling secured funding for the College’s first postdoctoral research assistant through a grant from the Army Research Office.
Political Science

Degree Programs
- B.A. in Political Science

Minors/Concentrations
- Minor in Political Science
- Sequence in Liberal Studies: Humanities/Social Sciences

Students
- Undergraduate Majors: 99 (38 Minors, 19 LSHSS Sequences)
- Number of 2009-10 graduating students: 23 (11 Minors)

Strategic Goals for 2009-2014

2009-2010
- Improve undergraduate education
- Increase faculty research productivity
- Increase interdisciplinary course opportunities

2010-2014
- Increase department visibility on campus and in the region
- Increase departmental fundraising activity

Faculty
- Lawrence Butler, Ph.D., Associate Professor; American Politics and Research Methods
- Bruce Caswell, Ph.D., Associate Professor; Political Theory and State and Local Politics
- Lawrence Markowitz, Ph.D., Assistant Professor; Comparative Politics and International Relations
- Mohammed Rashiduzzaman, Ph.D., Associate Professor; Comparative Politics and International Relations
- Bernadyne Weatherford, Ph.D., Associate Professor; Constitutional Law and Judicial Politics

Grants

External Grants

Lawrence Markowitz
- Woodrow Wilson Center for International Scholars. Short-term grant for accessing Washington DC sources. $3,100

Scholarly Activities

Publications

Book Chapters

Lawrence Markowitz
**Periodicals**

**Lawrence Butler**

**Bruce Caswell**

**Conference Activity**

**Conference Papers**

**Lawrence Butler**

**Bruce Caswell**
- “Hugh Henry Brackenridge’s Satirical Commentary on the Transition from a Republican Political Culture to a Democratic Culture in Early America.” Paper presented at the 2009 annual meeting of the American Political Science Association, Toronto, Canada, September 3-6, 2009.
- “Using the American Founding Fathers to Enhance the Teaching of Western Political Theory” at the annual meeting of the Southern Political Science Association, Atlanta, GA, January 7-10, 2010.

**Lawrence Markowitz**
- “The Rhetoric and Reality of Authoritarian Reaction in Postwar Tajikistan” at the annual convention of the American Association for the Advancement of Slavic Studies, Boston, MA, November 14, 2009.

**Conference Panel Chair/Discussant/Roundtable Participant**

**Bruce Caswell**
- Chaired a panel on “Political Theory and Teaching” at the annual meeting of the American Political Science Association, Toronto, Canada, September 3-6, 2009.
- Participated in a roundtable panel on “U.S. Foreign Policy” at the annual meeting of the Northeastern Political Science Association, Philadelphia, PA, November 19-21, 2009.
- Chaired a panel on “Animating Populism, Conservatism, Democracy and Individualism: Disney, the Simpsons and Cormac McCarthy, and ‘Into the Wild’” at the annual meeting of the Northeastern Political Science Association, Philadelphia, PA, November 19-21, 2009.
- Served as discussant for a panel on “Assessing Student Learning” at the annual meeting of the Southern Political Science Association, Atlanta, GA, January 7-10, 2010.
- Served as discussant for a panel on “Social Order and Capital in Urban Areas” at the annual meeting of the Southern Political Science Association, Atlanta, GA, January 7-10, 2010.
• Chaired a panel on “New Approaches to Deep Learning” at the annual meeting of the Southern Political Science Association, Atlanta, GA, January 7-10, 2010.
• Chaired a panel on “Experiential Learning and Student Engagement” at the annual meeting of the Midwest Political Science Association, Chicago, IL, April 23-25, 2010.

Other Scholarly Activity

Lawrence Butler
• Served as a reviewer for an article submitted to the scholarly journal *PS: Political Science and Politics*, January 2010.

Bruce Caswell
• Served as a reviewer of five manuscripts from a roundtable entitled “Obama Meets the World: Realities and Recommendations for a New Administration” to be published in the scholarly journal *New Political Science*, October 2009.

Lawrence Markowitz
• Served as a member of the U.S. Embassy Policy Program Selection Committee of the International Research and Exchanges Board, which evaluates grant proposals for policy appointments to US embassies in Central Asia, April, 2010.
Psychology

Degree Programs

Undergraduate
- B.A. in Psychology
  - Specialization in Behavioral Services for Children and Their Families

Graduate
- M.A. in Applied Behavior Analysis
- M.A. in Clinical Mental Health Counseling
- Joint M.A. in School Psychology (with College of Education)
- Certificate of Advanced Graduate Study in Mental Health Counseling
- Certificate of Graduate Study in Applied Behavior Analysis

Minors/Concentrations
- Minor in Psychology

Students
- Undergraduate Majors: 499 (Minors: 99)
- Graduate Majors: 86
- Number of 2009-10 graduating students: 156

Strategic Goals for 2009-2014
- Offer a diverse undergraduate and graduate curriculum that engages students’ critical thinking skills and prepares them for several career paths.
- Develop and expand the psychology department’s partnership with the surrounding community.
- Provide highest possible quality of education for students in our undergraduate, graduate, and professional education programs.
- Provide students the opportunities to collaborate with faculty in scholarly activities and applied endeavors.
- Build a community of scholars and cultivate connections between the Psychology Department and its students throughout their professional lives.

Faculty
- Bonnie Angelone, Ph.D., Associate Professor; Experimental Psychology, Cognitive
- David Angelone, Ph.D., Assistant Professor; Clinical Psychology
- Janet Cahill, Ph.D, Full Professor; Clinical Psychology
- Roberta Dihoff, Ph.D., Full Professor; School Psychology
- Thomas Dinzeo, Ph.D., Assistant Professor; Clinical Psychology
- Michelle Ennis-Soreth, Ph.D., Assistant Professor; Experimental Psychology, Behavior Analysis
- Eleanor Gaer, Ph.D., Associate; Experimental Psychology, Social & Cognitive
- Monica Greco, Ph.D., Associate Professor; Experimental Psychology
• James Haugh, Ph.D., Associate Professor; Clinical Psychology
• Jerry Hough, Ph.D., Associate Professor; Experimental Neurobiology
• MaryLou Kerwin, Ph.D., Full Professor; Counseling Psychology
• Valerie LaMastro, Ph.D., Assistant Professor; Experimental Psychology, Social & Cognitive
• Rory McElwee, Ph.D., Assistant Professor; Experimental Psychology, Social & Personality
• Corann Okorodudu, Ph.D., Full Professor; Lifespan Human Development
• Eve Sledjeski, Ph.D., Full-time temporary; Experimental Psychology, Health
• Keiko Stoeckig, Ph.D., Assistant Professor; Experimental Psychology, Perception
• Lois Strauss, Ed.D, Associate Professor; Educational Psychology
• Len Williams, Ph.D., Associate Professor; Experimental Psychology, Cognitive
• Tricia Yurak, Ph.D., Assistant Professor; Experimental Psychology, Social

Faculty Awards
MaryLou Kerwin
• Rowan Research Achievement Award

Grants
External Grants
David Angelone
• Sponsor: NJ Division of Highway Safety; Program: Aggressive Driving Prevention Program; Award: $25,855

Continuing External Grants
MaryLou Kerwin
• Sponsor: Robert Wood Johnson Foundation; Program: NJ Health Initiatives; Award: $295,000
• Sponsor: National Institute on Drug Abuse; Program: Behavior Therapy Development CRAFT Behavior; Award: $2,835,800
• Sponsor: National Institute on Drug Abuse; Program: Behavior Therapy Development CM in Methadone; Award: $2,835,800

Lois Strauss
• Innovative Assistive Technology; Award: $9,676.44
• M.A.T.C.H.; Award: $10,873.02

Internal Grants
Thomas Dinzeo
• Professional Development Grant, SBR, $1,000
• CLAS Summer Grant Award, $2,725

Scholarly Activities
Publications
• Yurak, T.J., McElwee, R.O. “The phenomenology of the Impostor Phenomenon”. Individual Differences


Conference Activity

Bonnie Angelone


David Angelone


Thomas Dinzeo

- “Personality characteristics and measures of clinical functioning in African Americans and Latinos/as


**Eleanor Gaer**


**MaryLou Kerwin**


**Rory McElwee**


**Eve Sledjeski**


**Other Scholarly Activity**

**David Angelone**

- Guest speaker on several occasions for the Psi Chi honor society.


**Gerald Hough**

- Conservation Committee, American Ornithologists Union

**MaryLou Kerwin**

- Board of Advisors, Brett DiNovi & Associates; Behavioral Rehabilitation Services Board and Program Committee, Board of Trustees, Bancroft Neurohealth Inc.; Organizer of the South Jersey Applied
Behavior Analysis Network that met at Rowan twice this year

**Rory McElwee**

- Work group member appointed by the Society for Teaching of Psychology (APA Division 2), Project Syllabus, an on-line resource provided by the Office for Teaching Resources in Psychology (OTRP), ongoing involvement
- Volunteer speaker, TOPPS (Teacher of Psychology in the Secondary Schools) Speakers Bureau (a service of the Education Directorate of APA), February 2010, Manalapan High School
Sociology

Degree Programs

- B.A. in Sociology
- B.A. in Applied Sociology

Minors/Concentrations

- Minor in Sociology
- Sequence in Liberal Studies: Humanities/Social Science

Students

- Undergraduate Majors: 242 (L.S:HSS Sequence: 27)
- Number of 2009-10 graduating students: 107

Strategic Goals for 2009-2014

2009-2010

- Dean CLAS approval for the Masters in Applied Sociology
- New curriculum development for MA in Applied Sociology
- Interdisciplinary Clusters being Developed/Partnerships Developed

2010-2014

- Department Assessment Committee formed for Department Review 2011
- Restructure Sociology Program at Camden to accommodate new curricular needs for working with a) Cooper Medical Faculty and b) Rowan at Camden
- Get the first three years of the M.A. in Applied Sociology underway

Faculty

- James R. Abbott, Ph.D., Full Professor; Sociological Theory, Sociology of Religion
- Allison Carter, M.A., Instructor; Theory, Gender, Social Psychology, Cultural Sociology
- Jay E. Chaskes, Ph.D, Full Professor; Social Identity and Disability
- Mary Gallant, Ph.D., Associate Professor; Sociological Theory, Holocaust and Genocide
- Harriet Hartman, Ph.D, Full Professor; Gender, Jewish Studies, Sociology of Religion, Sociology of Education, Sociology of Family, Gender and Science/Engineering
- Mark Hutter, Ph.D., Full Professor; Urban Sociology, Sociology of the Family
- Sandra J. Jones, Ph.D., Associate Professor; Death, Dying and Bereavement, Race and Ethnic Relations
- Yuhui Li, Ph.D., Associate Professor; Research Methods, Social Statistics, Chinese Studies
- DeMond S. Miller, Ph.D., Full Professor; Environmental Studies, Clinical
- John P. Myers, Ph.D., Full Professor; Race and Ethnicity, Criminology, Experimental Learning
- Anthony Sommo, Ph.D., Assistant Professor; Disability and Deviance
- Ieva Zake, Ph.D., Associate Professor; Political and Historical Sociology, Ethnicity and Politics, Immigration, Contemporary Sociological Theory

Faculty Awards

- Yuhui Li
Faculty Center Wall of Fame for Excellence in Advising
DeMond Miller
Gary Hunter Award for Excellence in Mentoring

Grants

External Grants
Ieva Zake
- Emerging Scholars Grant given by the Association for the Advancement of Baltic Studies, July 2009-July 2010. The grant was awarded to support my research on the American Latvian community. The research resulted in the book "American Latvians: Politics of a Refugee Community" which was published by Transaction Publishers in 2010. $4,000.00
- Grant-in-Aid given by the Immigration History Research Center, University of Minnesota, 2009-2010, $250.00.

Scholarly Activities

Publications

Books
Mary Gallant

Harriet Hartman

Sandra Jones
- Coalition Building in the Anti-Death Penalty Movement: Privileged Morality, Race Realities (Lexington Books, 2010), 301 pgs.

DeMond Miller

Ieva Zake

Book Chapters
Mark Hutter

DeMond Miller
• *Color Struck: Essays on Race and Ethnicity in Global Perspective* (Univ. Press of America, Lanham, MD, 2010). “Mixed Raced Terminologies in the America: Globalizing the Creole in the Twenty First Century,” (with Jason Rivera and Joel Yelin), pp. 229-244.

**Ieva Zake**


**Periodicals**

**Harriet Hartman**


**Yuhui Li**


• *From a Junken City to a Showcase City – The Formation and Development of the City of Shihezi in Xinjiang Uyghur Autonomous Region in China* (The China and Eurasia Forum Quarterly, 2010), pp. 47-63.

**Ieva Zake**


**Other Publications**

**Allison Carter**


**Harriet Hartman**

• *Back to School: Jewish Day School in the Lives of Adult Jews* (Review of Religious Research, 2009), Book Review.

**Mark Hutter**


**Yuhui Li**


**DeMond Miller**

Ieva Zake


Conference Activity

James Abbott


Allison Carter


Jay Chaskes

- Understanding and Assisting Students with Disabilities (with MaryBeth Walpole) (American College Personnel Association, Boston, MA, March 2010), 03/21/10.

Mary Gallant

- Anti-Nazi Religious Resistance in Germany 1933-45: the Jehovah’s Witnesses and the German Church Struggle (Wroxton Symposium on the Holocaust, Oxfordshire, UK, June, 2010), 06/28/10.

Harriet Hartman


Mark Hutter

- Disaster Tourism and the Post-Katrina Redevelopment of New Orleans (with D. Miller) (Society for the Study of Symbolic Interaction Meetings, San Francisco, CA, August 2009).

Sandra Jones

- Race and the Anti-Death Penalty Movement in the Age of Obama (Annual Conference of the Association of Applied and Clinical Sociology, San Antonio, TX, October 2009), 10/10/09.
- Fighting for the Guilty Too (Annual Conference of the Campaign to End the Death Penalty, Chicago, IL, November 2009), 11/08/09.
- Reducing the Social Harms of the Death Penalty: Integrating Activism with Research (Annual Justice Studies Association Conference, Knoxville, TN, June 2010), 06/05/10.

Yuhui Li

- Industrialization and Globalization of Cities in China’s Frontier Area: the Case of Shihezi in Xinjiang (Association for American Geographers, Washington, DC, April 2010).
DeMond Miller


Ieva Zake

- *To Remember or Forget?: The Problem of Intellectuals in Lustration Debates* (Plenary presentation) (International Conference ―Twenty Years after the Fall of the Berlin Wall: Democratization in Europe, Sept. 2009), 08/11/09.

Symposium or Conference Chair, Co-Chair or Discussant

Mary Gallant

- Discusant of Book Chapter in *Military Ethics: WWII and the Holocaust*. The work in progress will be reviewed in-depth for Board of Directors approval at “A Sampling of Wroxton Writings,” Colloquy 3, Wroxton Symposium on the Holocaust, Oxfordshire, UK, 06/26/10.

Harriet Hartman

- Co-organizer and Chair, Association for Sociology of Religion/Association for Social Scientific Study of Jewry/North American Jewish Data Bank joint session, 08/10/09.
- Organizer and Chair, Association for Jewish Studies/Association for Social Scientific Study of Jewry joint session, 12/20/09.
- Panel Presenter, “Jewish Women and Work: A Panel Discussion,” Hadassah-Brandeis Institute, Brandeis University, Waltham, MA, 12/03/09.

Mark Hutter

- Organizer and Chair, Undergraduate Student Roundtable Session, “Urban Communities.” Sponsored by Alpha Kappa Delta, the International Sociology Honor Society at the Pacific Sociological Association Annual Meetings, San Francisco, CA, 04/10.

Attended Conferences

Mark Hutter


Sandra Jones

- Annual Conference of the National Coalition to Abolish the Death Penalty, Louisville, KY, 01/15-17/10.
Other Scholarly Activity

Harriet Hartman
- Outside Reviewer, Dissertation proposal, Bar-Ilan University (Ramat-Gan, Israel)
- President, Association for the Social Scientific Study of Jewry, 2005-present.

Mark Hutter
- Reviewer, Symbolic Interaction.
- Associate Editor, Journal of Comparative Family Studies.

Sandra Jones
- Arranged for three students to attend the Annual Conference of the Association of Applied and Clinical Sociology, San Antonio, TX, October 2009.
- Organized the First Annual Sociology Alumni Career Fair at Rowan on April 23, 2010
- Sponsored a Poster Session of Senior Seminar students enrolled in my Sociology of Death, Dying, and Bereavement class for Rowan Day, April 23, 2010.
- Organized the Lynching Then, Lynching Now, National Tour of the Campaign to End the Death Penalty, held at Rowan on February 12, 2010.

DeMond Miller
- Editorial Board (3 year term), Sociological Spectrum.
- Editorial Board (3 year term), Journal of Applied Social Sciences.

Anthony Sommo
- Organized the Sociology Department’s Annual Paper Contest.
- Sponsored a Poster Session of the department’s Paper Contest finalists for Rowan Day, April 23, 2010.

Ieva Zake
Program & Center Reports
Africana Studies

Degree Programs
- B.A. in Africana Studies

Minors/Concentrations
- Concentration in African American Studies

Students
- Undergraduate Majors: 7 Majors, 33 Concentrators
- Number of 2009-10 students graduating with AAS Concentration: 21

Strategic Goals for 2009-2014

2009-2010
- Increase the number of students in the major to 10; and the number of students in the concentration to twenty-five
- Host at least two co-curricular programs
- Develop a Strategic Plan and a Program Assessment Plan

2010-2014
- Recruit 15-20 majors and 15-20 concentrators during each academic year
- Expand the Africana Studies Foundation Account and negotiate for one full-time, tenure-track line for the program
- Host at least three co-curricular programs and implement program assessment on an ongoing basis

Scholarly Activities

Publications

Ane Turner Johnson (Educational Leadership)
- Reshaping academic capitalism to meet development priorities: The case of public universities in Kenya, Higher Education, accepted for publication in 2010.

Conference Activity

James Coaxum (Educational Leadership)

Corann Okorodudu

Ane Turner Johnson (Educational Leadership)

Other Scholarly Activity

- Africana Studies Advisory Group Members (about 50).
- Advisor, Black Cultural League, 2009-2010 (Tanya Clark).
- Advisor, Council for Africana Studies, 2009-2010 (Corann Okorodudu).
- Advisor, NAACP Advisor, Kappa Alpha Psi Fraternity, Inc.
- Advisor, Phi Beta Sigma Fraternity, Inc. (James Coaxum, Educational Leadership)
- Completed the draft of the Africana Studies Short and Long-Range Strategic Plan, May 2010 (Corann Okorodudu, Sandy Jones).
- Elected to served on the University Senate Diversity Committee (3 members: Corann Okorodudu, Sandy Jones, Julie Mallory Church).
- Harley Flack Mentoring Program, mentors (several) & Advisory Board Members (3).
- Initiated Africana Studies Film & Discussion Series, “Good Hair”, March 30, 2010 (Chanelle Rose, Tanya Clark, Corann Okorodudu).
- Planned and coordinated Black History Month Program, February 2010 (JT Mills, Corann Okorodudu).
- Organized the Fourth Rosa Parks Commemorative Luncheon, Rowan University, February 22, 2010, featuring Christina Swarns, Director, Criminal Justice Project of the NAACP Legal Defense and Education Fund as the Rosa Parks Award Recipient (Denise Williams, Sandy Jones, Corann Okorodudu etc.).
- Organized the lecture, Remembering, Reclaiming, and Engaging the Dream to Freedom through Africana, February 24, 2010, featuring Dr. Gregory Carr, Director, African American Studies, Howard University (Corann Okorodudu).
- Organized a teach-in at Rowan University entitled “The Haiti You Should Know!”, March 1, 2010 (Corann Okorodudu, Chanelle Rose, Julie Mallory Church etc.)
- Presentation on “Diversity in Counseling” to Rowan University practicum and intern students, 2009 (Julie Mallory Church).
- Presentation on “In and Out of the Looking Glass Discovering Diversity”, to Rowan ASPIRE Student Leadership Retreat workshop, Fall 2009 (Julie Mallory Church).
- Rowan University Educational Leadership South Jersey Teacher Outreach Program Committee (Ane Johnson Turner).
- Served as Chair of the Psychology Department Diversity Committee (Corann Okorodudu).
- Served as Coordinator, Africana Studies Program, Spring 2010 (Corann Okorodudu).
- Served as Interim Coordinator, Africana Studies Program, Fall 2009 (Sandy Jones).
- Served on the Africana Studies Council, 2009-2010 (10 members).

Notable student achievements

- In 2009, Chanelle Wilson studied service learning and policy issues in Cape Town, South Africa, under a World Study Scholarship from Arcadia University. At the conclusion of her undergraduate studies in
2010, Chanelle was one of two Rowan seniors to be awarded a Fulbright Scholarship to teach English in South Africa.

• In 2008, Jedediah Blume was awarded a Fulbright-Hayes Grant through the University of Penn’s Africana Studies Program to study Zulu language and culture in South Africa. Both Africana Studies students were Medallion Awardees with GPAs in the African American Studies Concentration of 3.7+ and an overall GPA of 3.8+. 
American Studies

Degree Program

- B.A. in American Studies

Students

- Undergraduate Majors: 240
- Number of 2009-10 graduating students: 60

Strategic Goals for 2009-2014

2010-2014

- Continue to work closely with the College of Education as they modify their majors so that American Studies remains an attractive dual major for those students
- Continue to work closely with the CLAS departments whose classes comprise the American Studies program so that new courses are incorporated and defunct courses removed from the AMST program in a timely way
- Continue to quickly respond to students’ suggestions so that the program serves their needs

Faculty

- Emily Blanck, Ph.D., Assistant Professor; Early American Constitutional History and Slavery (0.5% shared line with the Department of History)

Scholarly Activities

Conference Activity

Diane Ashton

- Presented: Citizenship and Slavery: Moving Beyond Persons and Property, San Francisco State Rights Conference, San Francisco State University, 09/17/09
- Conference Chair: Oh Freedom: Slavery in New Jersey, Kean University, 03/25/10

Accomplishments

- In Spring 2009, we completed our American Studies Program Review. The outside evaluator (from Ramapo University) stated that Rowan’s American Studies program is one of the largest undergraduate programs of its kind in the country.

Notable Student Achievements

- Laurel Hartmann, American Studies Student Research Award Winner, AY 2009-2010
Economics

Degree Program
- B.A. in Economics

Minors/Concentrations
- Minor in Economics

Students
- Undergraduate majors: 84
- Number of 2009-10 graduating students: 27

Strategic Goals for 2009-2014

2009-2010
- Hire additional well-qualified adjunct faculty
- Determine future direction of Economics program

2010-2014
- Consolidate Economics program with Political Science to form a newly named Department of Political Science and Economics, in place by Fall 2011
- Under direction of a Coordinator for Economics, begin the process of curricular reform and consistency in course standards
- Hire at least one new tenure-track faculty member

Faculty
- Habib Jam, Ph.D.; Associate Professor
- Natalie Reaves, Ph.D.; Associate Professor
Exploratory Studies

Jay Chaskes, Ph.D., Faculty Director
Dorie Gilchrist, M.Ed., Program Coordinator

Students

- Undergraduate Majors: 585

On January 7, 2009 the following Senate Resolution 081215-1 was ratified by the University Senate and approved by Provost Houshmand:

“Exploratory Studies provides an academic home for students with less than 60 credits that are not prepared to select a major. Students in the exploratory studies program are housed within the interdisciplinary center of the College of Liberal Arts and Sciences. Exploratory Studies students receive academic and professional advising from the CAP Center, but also have access to a professional staff coordinator and a faculty director of the program to assist in identifying majors of interest and facilitating the transition into the permanent major. Students may remain in exploratory studies until they have completed 60 credits (including all transfer credits). Students who have not selected a major at that time will be placed in Liberal Studies – Humanities and Social Sciences.”

“The Director of Exploratory Studies will be a tenured or tenure track faculty member, ideally from the College of Liberal Arts and Sciences. The duties of the director will include coordinating the academic development of the program, connecting the program with the existing first year experience, coordinating activities with the CAP Center and oversight of all academic issues associated with the program. The director will receive 3 credit hours of reassigned time per semester and will be expected to interact closely with the fulltime professional staff Coordinator of the program. The director will also control a budget (estimated at $30,000 per year) to be used at his or her discretion to create sections of high-priority-classes.”

ESP PROGRAM DESIGN 2010-2011

The director and coordinator of this program have invested considerable time into the “start up” activities for this program. The research, design and implementation were far more complex than we anticipated, requiring the coordination of a number of academic departments and programs. These programs are located in both Academic Affairs and Student Affairs.

Tracking File

A tracking file for each ESP student was created by EIS with elements specified by ESP and CAP Center staff. This tracking file provides benchmarks and indicators that will be used to evaluate, assess and inform ESP program staff. We also wish to explore the relationship between the academic major a student selects and their LCI profile. Our intention is to obtain a graduate student intern from the MA program in Higher Education who can do the data analysis we need. This tracking file will, over time, provide one of several possible avenues for program assessment.

Program Design

The Exploratory Studies Program is a cooperative venture of the Divisions of Academic and Student Affairs. The program contains an academic and a co-curricular component (see Figure A below).
Academic Component

Learning Communities. Undeclared students are immediately immersed in the program with their placement in a learning community composed of a Rowan Seminar general education course linked with a section of College Composition I (or Integrated College Composition I). This year we are piloting the learning community component, enrolling almost half of all four hundred incoming first-year ESP students in nine learning communities. The instructors in both courses will work to encourage their students to make effective use of the CAP resources as well as participate in the workshops to be offered by Residential Learning that specifically target ESP students. Professors are encouraged to create assignments that are related to student participation in CAP center and Residential workshop activities. Those not placed in a learning community were also assigned a Rowan Seminar and a first semester composition course commensurate with their tested skill level, but the two courses are not linked.

Rowan a la Carte. In conjunction with the director of the Faculty Center, we are designing and developing a three-credit course that will allow ESP students to sample various academic subjects in a cost and time-efficient manner. This credit-bearing general education course will be taken by ESP students in their second semester. This course will especially appeal to students who are not degree program aspirants or those who are already focused on some broad area of professional training such as business or education. However, these students will be invited to enroll also.

Faculty Liaisons. At the direction of the Provost, ESP staff and the Dean of CLAS, solicited faculty liaisons, who are listed on the ESP website, www.rowan.edu/las/esp. These faculty members from each degree program are assigned the responsibility to be the individuals that any ESP student may seek out with questions about that program.
Students are encouraged to make effective use of this resource. We view the Faculty Liaisons as a valuable adjunct to the CAP Center’s exploratory resources.

Co-curricular Component

**CAP Center** The CAP Center plays a vital role mandated by the resolution creating the program. The Center is solely responsible to provide academic advising for all undecided students. In addition, the Center provides an array of resources for students to explore and identify academic majors and careers of interest, including self-assessment tools and online resources for exploring majors and careers. The Center also offers academic success workshops for ESP students only.

**Residential Living and Residential Learning** All new ESP students will be housed in the same residence hall, helping to create a sense of élan and mutual interest among the new ESP students. Additionally, those students in the learning communities will be given a series of workshops with topics suggested by ESP staff covering various aspects of academic advising and career exploration. We have scheduled their classes in such a way as to provide a common daytime period in which to hold these workshops. Because of space limitations in the residence halls, only those ESP students enrolled in one of the learning communities will participate in these workshops. These workshops will include how to make use of CAP Center resources, how to be an effective advisee and how to make the best use of the student’s LCI profile. They will also feature a series of speakers who will discuss their careers and how they found them. These workshops will be staffed by the CAP Center and Residential Learning.

Other Program Components

**Training** A day and a half training workshop for all Rowan Seminar faculty and for faculty in the first-year writing program who are part of learning communities was conducted as a cooperative endeavor of ESP, Rowan Seminar and the Faculty Center. In addition, on the second day of training we arranged with Let Me Learn, Inc. to conduct a four hour workshop on the use of the LCI for faculty participating in the training as well as for several Student Affairs staff. With the cooperation of the Faculty Center for Excellence in Teaching and Learning and the Rowan Seminar Program, another training workshop for faculty engaged in the university’s First-Year Experience initiative is tentatively scheduled for January 2011.

**Orientation** The ESP leadership organized and conducted a workshop (with the CAP Center leadership) for parents of ESP students. In addition, the ESP leadership met with our students the second day of orientation prior to these students registering for the fall semester. The director explained the program design, its policies and procedures as well as the general principles of choosing an academic major and exploring career choice. The substance of the director’s remarks will be repeated via email to every new ESP student before their October registration for spring semester.

The director and coordinator are pleased that we have accomplished what we set out achieve for our first year. This includes:

- developing a viable program design
- piloting and implementing the program design
- creating a tracking file for ESP students
- forming a cooperative relationships with vital campus program elements and services
- soliciting and crating a faculty liaison list for use by students
- creating an ESP website
The Frederic and Jean Edelman Planetarium

Keith Johnson, Director

Associate Faculty:
Eddie Guerra, Associate Professor
David Klassen, Associate Professor
Karen Magee-Sauer, Professor

Mission
Fredric and Jean Edelman Planetarium is a university and public service facility on the campus of Rowan University. Our mission is to provide pedagogically sound and entertaining programs that educate the members of the Rowan community, the K-12 students of the region and the general public. We advance the understanding of the universe and serve as a public resource for astronomical information. Programs include elements of other natural sciences, education, communications and the fine and performing arts. Rowan students of all disciplines play a significant role in the planetarium and are able to enhance their skills relevant to their future careers. The planetarium provides a classroom for multimedia learning, an outlet for creative expression and a versatile domed theater.

Summary
Planetarium revenue and attendance were both lower this year than last; anecdotal evidence indicates this was largely a result of economic factors. A new type of public show, a family show, was quite successful. Plans for installation of a full-dome video system were made; funding was obtained; it is expected that this system will be available in Spring 2011.

2009-10 Attendance

<table>
<thead>
<tr>
<th>Type of Show</th>
<th>Number of shows</th>
<th>Attendance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public star show</td>
<td>28</td>
<td>849</td>
</tr>
<tr>
<td>Public laser show</td>
<td>25</td>
<td>969</td>
</tr>
<tr>
<td>Family show</td>
<td>6</td>
<td>391</td>
</tr>
<tr>
<td>School show</td>
<td>88</td>
<td>4,481</td>
</tr>
<tr>
<td>Scouts</td>
<td>8</td>
<td>446</td>
</tr>
<tr>
<td>Astronomy class</td>
<td>43</td>
<td>1,145</td>
</tr>
<tr>
<td>Special</td>
<td>19</td>
<td>756</td>
</tr>
<tr>
<td>Rowan misc.</td>
<td>17</td>
<td>606</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>234</strong></td>
<td><strong>9,643</strong></td>
</tr>
</tbody>
</table>
Finances

General. The planetarium collected over $23,000 in admission fees from groups and individuals external to Rowan, including school field trips. Note that the planetarium continues to serve Rowan campus groups free of charge.

Edelman school donation. School-show income is our largest source of revenue. To help teachers fund field trips, Ric and Jean Edelman continue to provide funds for the admission fee of $3 per person.

Projects

Family shows. I began monthly family shows, intended for families with children 4-10 years old, on Sunday afternoons. These were quite successful, having an average attendance of 65 per show, so I plan to continue this in one form or another.

Full-dome video. This project has been a main focus of planning during the year, and by year’s end was about to come to fruition. The Spitz corporation agreed to bring over the SciDome HD system, set it up in the Edelman theater, and demonstrate it for us in September as part of a meeting of the Philadelphia Area Planetarium Association. Members of the Physics and Astronomy department and other Rowan personnel attended this demonstration. The HD version has about twice the resolution and brightness of the previous version. This system will benefit our facility in all its areas of presentation. For the astronomy classes, I’ll be able to demonstrate concepts that are difficult or impossible now (examples: the retrograde motion of Mars at various positions in its orbit; the layered distribution of various objects in our Milky Way; the changes in the circumpolar zone as one moves to different positions on the Earth). For school groups I will be able to take them to other planets to show them what conditions are like elsewhere; I’ll show them any constellation I wish; I’ll demonstrate the phases of the Moon; I’ll show them the path of the Sun across the sky; all of which are now impossible. For the public audiences I’ll have a variety of fully-rendered star shows from many producers featuring the latest astronomical research.

Thank you to Jean and Ric Edelman for the generous offer to fund the new system.

A description of the SciDome HD system can be found at www.spitzinc.com/planetarium/scidome_hd.html.
Liberal Arts & Sciences Institute

Dr. DeMond S. Miller, Director

Strategic Goals for 2009-2014

2009-2010
- Identify new Jersey State Funding to which the LAS Institute’s Units can apply
- Strengthen Departmental Alliances with Math, Psychology and Sociology

2010-2014
- Increase General funding that supports McSiip, EIP and Community Research (Dr. Miller)
- Expand the program and services of McSiip (Dr. Caldwell)
- Expand the program and services of EIP (Dr. Dihoff)

Faculty
- DeMond S. Miller, Ph.D.; Professor; Sociology
- Janet Caldwell, Ph.D.; Professor; Mathematics Education
- Roberta Dihoff, Ph.D.; Professor; Clinical Psychology

Accomplishments
- McSiip hosted approximately 40 workshops for math and science teachers
- EIP had approximately 100 clients this year


Liberal Studies: Math/Science

Degree Programs
- B.A. in Liberal Studies: Math/Science

Students
- Undergraduate majors: 94
- Number of 2009-10 graduating students: 22

Strategic Goals for 2009-2014
2009-2010
- Assemble an advisory board
- Admit more students into the new cohort earlier in the students’ time at Rowan

2010-2014
- Assure or further develop cohesion among courses
- Assess usefulness of program as a coordinate major for elementary education
- Analyze the usefulness of 25 credits of free electives for single major students

Faculty
- Courses are housed and taught within the departments of Mathematics, Biological Sciences, Chemistry & Biochemistry, Physics & Astronomy, Philosophy & Religion and Computer Science.
Women & Gender Studies

Minors/Concentrations

- Concentration in Women & Gender Studies

Students

- Undergraduate concentrators: 13

Strategic Goals for 2009-2014

2009-2010

- Increase student enrollment
- Increase campus visibility
- Update and maintain the WGS website

2010-2014

- Expand course offerings
- Recruit and hire a dedicated WGS faculty member
- Seek outside funding for WGS programs and events

Faculty

Please note: Due to the very large number of faculty involved with the WGS program, detailed information is provided below only for the faculty members on the program’s executive body, the WGS Council. A list of the faculty members who comprise the larger WGS Advisory Board is also provided.

WGS Council Faculty Members
(Staff members include Alicia Groatman, Admissions Specialist, and Marge Morris, Music Librarian)

- Corrine Blake, Ph.D., Associate Professor; Middle East and Ottoman History
- Tanya Clark, Ph.D., Assistant Professor; African-American Literature, Women Writers
- Andrew Hottle, Ph.D., Associate Professor; Early Modern European Art, Women Artists
- Melissa R. Klapper, Ph.D., Associate Professor; American Women’s History, American Immigration and Ethnic History, Modern Jewish History
- Janet Lindman, Ph.D., Full Professor; American Women’s History, American Religious History, Colonial History
- Deb Martin, Ph.D., Associate Professor; Writing Assessment and Pedagogy, Disability Studies
- Joel Rudin, Ph.D., Full Professor; Human Resources. Employment Practices
- Lee Talley, Ph.D., Associate Professor; Children’s Literature, Victorian Literature
- Carol Thompson, Ph.D., Assistant Professor; Urban Education, Preservice Teachers, Learning Communities
- Ieva Zake, Ph.D., Associate Professor; American Ethnic Groups, Politics

Women’s and Gender Studies Advisory Board Members

- Arnold, Lorin (Communication Studies)
- Bornstein, Jodi (Teacher Education)
- Carter, Allison (Sociology)
- Cypher, Joy (Communication Studies)
Notable Student Achievements

- Students generally choose to report their notable achievements to their major departments. However, it is worth pointing out that three students delivered papers at the New Jersey Women’s and Gender Studies Undergraduate Research Colloquium at The College of New Jersey on April 16, 2010. Notable WGS graduates this year include Elizabeth Palmer (SGA president), Kristen Brozina (recently profiled in the New York Times) and Jon Wood (recipient of an award from the Department of Writing Arts and Pride Month organizer).