

# Celebrate Our State!



## new jersey 350

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A monthly publication of the Office of Research & Sponsored Programs at Kean University



## Research News

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### Kean Forum Celebrating New Jersey's 350th Anniversary

In partnership with the New Jersey Historical Commission, New Jersey State Archives, and New Jersey State Museum, Kean University will cosponsor the 2014 New Jersey Forum to commemorate the Garden State's 350th anniversary.

The Forum will be offered at Kean's New Jersey Center for Science, Technology and Mathematics on November 21 and 22, 2014. Pulitzer-prize winning author David Hackett Fischer will underscore the significant role New Jersey played in the American Revolution as explained in his book *Washington's Crossing*. Fischer's talk will be offered on Friday, November 21st at 6:30 p.m. and will be preceded by a reception at 5:30 p.m. On Saturday, November 22nd, Neil Maher, author of *Nature's New Deal: The Civilian Conservation Corps and the Roots of the American Environmental Movement* will discuss an existing urban housing project in Jersey City and NASA's Urban Systems Project Office. The talk is based on a chapter in Maher's new book project where he explores the influence of the Civil Rights Movement on the space race. Noted public historian and scholar Spencer Crew will discuss how attaining citizenship rights was a slow process in the US and focus on the actions taken by NJ women's suffrage groups, civil rights activists and others illustrating national demands for inclusion. Maher's talk will be offered at 9:00 a.m. and Crew's at 4:00 p.m.

The New Jersey Forum is one of the ways the New Jersey Historical Commission partners with its colleagues to accelerate its mission to preserve and promote New Jersey history. The Forum invites established and emerging scholars, educators, public historians and a broad spectrum of social science and humanities professionals to present new research that facilitates greater public awareness of New Jersey studies. In addition to the three plenary speakers, the New Jersey Forum will present a series of papers related to the Mid-Atlantic region with an emphasis on New Jersey history. For the anniversary year, the co-sponsors have also encouraged increased scholarship of New Jersey's twentieth-century history which will feature papers on the post-World-War II and Depression Eras. Additional topics among the papers to be presented include archaeology, geography, fine and decorative arts, material culture, the humanities, literature, ethnic studies, the history of science and technology, labor and industry, public policy, religious history, and popular culture. The Forum will also celebrate New Jersey's many historic organizations that have contributed to the preservation of state history through featured exhibits and poster sessions.

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Johnathan Mercantini  
History

# Research Compliance Matters

## IRB Consent and Debriefing Forms

For this month I would like to spotlight some of the most common mistakes that applicants make on consent and debriefing forms. One such mistake is not including a statement up front that invites participants to take part in a research study. Student PIs as well as faculty applicants need to include their Kean email address as a point of contact on both forms.

When referring participants to the IRB, please note that the committee cannot answer general questions about your study. Participants should only be referred to the IRB if they have questions about their rights as research participants. This statement along with the IRB contact information ([IRB@kean.edu](mailto:IRB@kean.edu) and phone

908-737-3464) should appear on every consent and and debriefing form.

Contact Dr. Joseph Cronin [jcronin@kean.edu](mailto:jcronin@kean.edu) or ext 73464 for questions and guidance related to research compliance

## Grant Administration

### Grant Funded Travel

All grant-funded travel must follow the University policies on travel in addition to any particular guidelines of the sponsor. ORSP must approve any travel that will be expensed against external or internal grant funds. Reimbursement for travel utilizing grant funds is not limited to the \$1,000 maximum currently in place for University travel. However, the amount and purpose for the travel must meet the programmatic and budgetary guidelines established within the grant/contract.

Mileage is reimbursed at the state rate of \$.31/mile. The mileage must be calculated from the Kean University campus location where the employee is based to the destination. Meals are reimbursed at \$36 per day per person for an overnight stay only. Alcohol cannot be included in the reimbursement.

Contact Brenda Dunlop [bdunlop@kean.edu](mailto:bdunlop@kean.edu) or ext. 73345 for questions and guidance relating to grant administration.



## Deadlines & Reminders

*Save the date! Kean Research Days April 29—30, 2014*

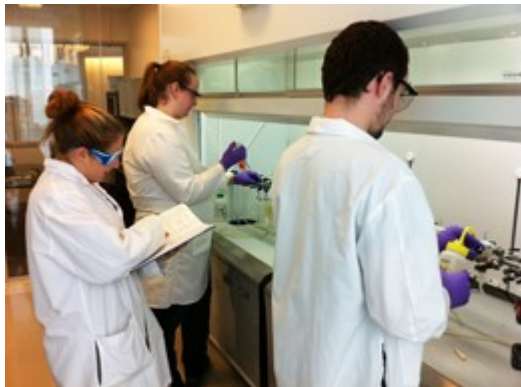
*RTR, UFRI, SpF and FFRA applications are now being accepted*



Tuesday, January 14	IRB Applications Due
Sunday, January 12	UFRI application deadline
Sunday, January 19	RTR application deadline
Monday, January 20	SpF application deadline
Sunday, February 16	FFRA application deadline

## Student Spotlight

### Unique Research Opportunity for Kean Students



*Pictured left to right: Kelly Bachovchin, Lily Vaden, and Dave McLeod. (Kate Thomas is not pictured.)*

Three NJCSTM students, Kelly Bachovin, David McLeod, and Katherine Thomas, have had a unique research experience this year as a result of their Students Partnering with Faculty (SpF) award. Dr. James Merritt has been mentoring these students, along with Master's student Lily Vaden, as they have worked to design and synthesize a new library of approximately 27,000

novel compounds for drug discovery screening at Kean University.

One of the earliest stages of drug discovery is identification of a novel molecule that can interact with a biological target of interest. Compounds that are found to interact with targets serve as starting points for medicinal chemists who can then continue to make chemical modifications to improve potency, bioavailability, and other properties that are required for viable medications.

Organic chemical synthesis requires long hours of wet lab work. All of the students involved in the project worked full time during the summer and part time during the fall semester under the direct supervision of Dr. Merritt. The students had completed two semesters of organic chemistry and learned organic synthesis techniques and safety protocols as part of those courses. This intensive research project reinforced and expanded those skills. The students were able to carry out solid-supported combinatorial synthesis using state of the art equipment including nuclear magnetic resonance, high performance liquid chromatography, and mass spectroscopy.

Dr. Merritt trained the research students in the proper and safe use of all equipment and chemicals and was on-site continuously while the students were working in the laboratory.

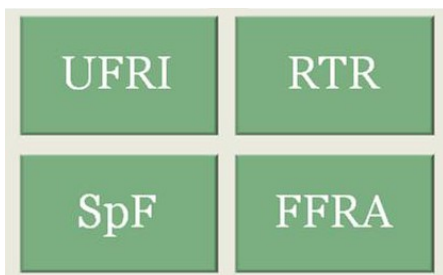
An added benefit of this research project was the collaboration with Venenum Biodesign, a New Jersey based technology company, that provided the specialty chemicals and equipment that are needed for combinatorial solid phase synthesis. Collaborations between academic and industrial researchers are critical to support the herculean effort that is required to discover new medicines and advance them into clinical trials. The Kean students were excited at the opportunity to interact with scientists working in industry and to do research that directly mirrors the work performed by research scientists.

The team plans to present the results of this project as a poster at Kean University Research Days in April, 2014 and at the August 2014 meeting of the Gordon Research Seminar for Medicinal Chemistry in New Hampshire. The research will also be submitted for publication in journals.

## ORSP News

### Applications are open for all internal research awards

Check the ORSP website for guidelines, eligibility and deadlines.



### Online Submissions Open Student Research Days Presentations

**Deadline—February 24**

This annual event provides students the opportunity to present their preliminary or completed research and creative activities to the campus community. Formats include posters, oral presentations, performances, exhibits and demonstrations. Individual or team projects are welcome. All Kean University graduate or undergraduate students who are conducting original research, original data collection, or creative work under the supervision of a Kean University faculty member are eligible to present.

## Government Grant Opportunities

Opportunity Title	Due Date
<a href="#">NSF - Major Research Instrumentation</a>	1/23/14
<a href="#">NIH - Alcohol Education Project Grants - R25</a>	1/25/14
<a href="#">US Department of Education - Disability and Rehabilitation Research Projects and Centers Program: Disability and Rehabilitation Research Projects</a>	1/28/2014
<a href="#">NIH - Drug Abuse Prevention Intervention Research - R03, R21</a>	2/16/14
<a href="#">National Institutes of Health - Alcohol Use Disorders: Treatment, Services, and Recovery Research - R03, R21</a>	2/16/14

## Foundations and Corporations

Opportunity Title	Due Date
<a href="#">Rockefeller Foundation - Bellagio Residency Program</a>	12/3/13
<a href="#">Council of American Overseas Research Centers - Multi Country Research Fellowship Program</a>	1/13/14
<a href="#">American Antiquarian Society - Short Term Visiting Academic Research Fellowships</a>	1/15/14
<a href="#">Whitehall Foundation - Basic Biological Research Grants and Grants-in-Aid - LOI</a>	1/15/14
<a href="#">American Educational Research Association - Research Grants</a>	1/24/2014
<a href="#">Open Society Institute - Open Society Fellowship</a>	2/1/14
<a href="#">Josiah Macy Foundation - Nurse Faculty Scholars Program</a>	2/26/2014
<a href="#">National Film Preservation Foundation - Basic Preservation Grants</a>	2/18/2014
<a href="#">American Society for Theatre Research - Awards to Support Scholarship in Theatre</a>	March 2014

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