



# Research News

September, 2013

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

## IN THIS ISSUE

## New Upward Bound Curriculum is a Success

This summer, 56 motivated high school students from the Elizabeth and East Orange school districts attended a six-week intensive academic program at Kean University. The students were part of the Kean University Upward Bound (UB) program, designed to provide opportunities for participants to succeed in their pre-college performance and ultimately in their higher education pursuits. This summer's UB program provided a new innovative and creative curriculum utilizing the expertise and experience of Kean University faculty in the College of Natural Applied and Health Sciences.

The faculty worked with students in the areas of ecology, botany, and chemistry. Dr. Matthew Mongelli provided students with hands-on chemistry experience through the creation of crystals, analysis of chemical and physical properties, and with the awesome experience of a chromatography lab. Students participated in field work with Dr. Daniela Shebitz and Dr. Sylvia Codella learning about insects, plants, and crawfish around the university. Dr. Brian Teasdale instructed students in the structure, function, development and reproduction of plants. In addition to working with Kean University faculty in scientific fields of study, undergraduate students from the College of Education who are studying to be teachers provided supplemental instruction and mentorship creating a community of future scholars. The UB students presented their

initial research findings at the summer awards ceremony in August and will make future research presentations with the faculty in the spring of 2014. Due to the eagerness and enthusiasm displayed by this high school population, the participating faculty members look forward to a continued partnership with the program.

The UB program includes 20 Saturdays as well as the summer six week residential program. Selected students begin in the 9th grade and participate until they graduate from high school. The Upward Bound Project is designed for students who have interest in pursuing and graduating with a bachelor's degree within a four year time frame.

The program provides courses in mathematics, laboratory sciences, composition, literature, SAT Preparation, and foreign language. Tutoring, counseling, mentoring, cultural enrichment, work-study programs, education and counseling services are all designed to improve the college success of students. UB Students are from groups that are traditionally underrepresented in post-secondary education and students who are in the foster care system. Program tuition is sponsored by US Department of Education and Kean University.

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Veronica Jackson  
*Director of Kean University's  
 Upward Bound Program*

## Research Compliance Matters

### IRB Workshops - Fall, 2013

This fall the Institutional Review Board is hosting another series of workshops designed to familiarize the campus community with the online submission portal. The class is approximately 30 minutes in length and covers how to sign up for accounts and how to submit applications using the portal. It is suggested that first time applicants attend these sessions in order to get a firm understanding of how to use the portal system and ensure a smooth submission.

Thursday, September 19, 3:30 PM CAS 238

Monday, October 7, 3:30 PM CAS 238

Thursday, October 17, 3:30 PM CAS 238

Monday, October 28, 3:30 PM CAS 238

Thursday, November 7, 3:30 PM CAS 238

Monday, November 18, 3:30 PM CAS 238

Thursday, December 5, 3:30 PM CAS 238

Monday, December 9, 3:30 PM CAS 238

All attendees should RSVP for the session they want to attend. More information about the portal and the RSVP link can be found on the IRB page of the ORSP website: [orsp.kean.edu](http://orsp.kean.edu)

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

## Grant Administration Topics

### Student Research Assistants – Stipend payment processing for internally and externally sponsored projects



The following documents are needed to process a stipend payment:

- Stipend Contract
- W4 form
- Copy of the student's social security card

The Grants Post-Award Administrator should be contacted for guidance with the processing of student stipends. It is the responsibility of the Project Director/Principal Investigator to insure

that all paperwork required to process the stipend payment is completed properly and receives all the needed approvals. Stipend contracts must be typed. Documents that are handwritten will not be accepted. All completed signed documents should be forwarded to the Grants Post-Award Administrator for processing.

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



- |                       |   |
|-----------------------|---|
| Tuesday, September 17 | KeanLIFT Crowdfunding Workshop              |
| Tuesday, September 24 | Intro to ORSP Workshop                      |
| Thursday, October 3   | Advanced Regression Techniques Lab/Workshop |
| Tuesday, October 8    | IRB applications for October due            |
| Tuesday, October 8    | Qualitative Research Design & Methods       |

## Student Spotlight



### Upward Bound Student of the Year

Jasmin Mangum received the Upward Bound Student of the Year award during a ceremony on August 7, 2013 at Kean University. Dr. Dawood Farahi, President of Kean University, presented the award.

Jasmin is currently a rising junior at Cicely Tyson School of the Performing Arts in East Orange, NJ. She was admitted into the Kean University Upward Bound program in 2012 with a GPA of a 2.75.

Jasmin has excelled in her classes at Upward Bound; she maintained a GPA above 3.0 in her summer Upward Bound classes which included English, Chemistry, and Algebra II.

During her spring break, Jasmin participated in the Annual Teen Mentoring program at Novartis Pharmaceuticals. She conducted research and developed a marketing profile on various drugs. Her assigned marketing team earned recognition for creativity.

As a result of her experiences in the Upward Bound program at Kean University,

and the support from faculty and counselors, Jasmin's career aspirations are now focused toward a STEM field.

Her favorite subjects are mathematics and English. Her hobbies include volleyball and art.

The Kean University Upward Bound program has been successfully serving participants who attend target public schools in East Orange, Elizabeth and Plainfield for over 10 years. Program activities are held both on the Kean University campus and at the target high schools.

Students may join the program as 9<sup>th</sup> graders. Eligible students are from low income families and from families in which neither parent holds a bachelor's degree. Students must be on track and enrolled in college preparatory math (Algebra I or Geometry).

## ORSP News

### September Workshop Highlights

Register at <http://orsp.kean.edu>



#### How to Conduct a Crowdfunding Campaign

Susan Gannon, Jennifer Gardner, Sergio Saravia

Tuesday, September 17 - UC 226

12:30 - 1:30, Lunch 12:00

Learn about how the KEANLIFT Crowdfunding model can work for your research or community outreach project. KEANLIFT is Kean University's crowd-donating platform that connects alumni, students, faculty, staff and friends interested in funding specific projects to help "lift" them to success.

#### Intro to ORSP & Research Resources

Joe Cronin, Brenda Dunlop, Lindy Foreman, Susan Gannon

Tuesday, September 24 - UC 226

12:30 - 1:30, Lunch 12:00

This workshop will describe all the functions of the Office of Research & Sponsored Programs (ORSP) with special emphasis on how ORSP can help you get your research, scholarship, creative activity or community outreach program funded. It is particularly geared to new faculty and faculty or staff who have not pursued external funding in the past. The workshop will discuss the role of ORSP, how to get started, "who funds what", how ORSP supports fellowship applications, and Kean success stories. We will include a brief description of the internal research support programs that are available for faculty and staff. An online tutorial, "Internal Research Awards", which explains the Kean internal support programs in depth, is available on the ORSP website. Additional topics that will be covered include grant administration, the IRB, research compliance, and responsible conduct of research training.



Dr. Dawn Braithwaite, University of Nebraska-Lincoln

#### Qualitative Research Design & Methods

Tuesday, October 8 - UC 226

12:30 - 1:30, Lunch 12:00

This workshop will cover 1) understanding what qualitative research can do well and designing data collection and data analysis that meets these goals; 2) understanding what qualitative research cannot do well and avoiding critical errors that researchers make which insure poor quality and publication challenges; and 3) arguing and writing qualitative research to maximize publication opportunities.

## Government Grant Opportunities

Opportunity Title	Due Date
<a href="#">NIH - Exploratory/Developmental Grant - R21</a>	11/16/14
<a href="#">NIH - Small Research Grants - R03</a>	11/16/14
<a href="#">National Science Foundation - Interdisciplinary Behavioral and Social Science Research</a>	12/3/13
<a href="#">National Endowment for the Arts - NEA Literature Fellowships: Translation Projects</a>	12/9/13
<a href="#">NSF - Political Science</a>	1/15/14

## Foundations and Corporations

Opportunity Title	Due Date
<a href="#">Association for Women in Mathematics - Mathematics Travel Grants</a>	10/1/13
<a href="#">Robert Wood Johnson Foundation - RWJF Scholars in Health Policy Research</a>	10/8/13
<a href="#">Google - Faculty Research Awards</a>	10/15/13

Office of Research and Sponsored Programs

1000 Morris Ave, Union, NJ 07083  
908-737-3461 tel 908-737-3369 fax

<http://orsp.kean.edu> | [orsp@kean.edu](mailto:orsp@kean.edu)

