In addition to her own robust research program in computational methods for the analysis of large datasets, Dr. Patricia Morreale, Associate Professor and Acting Chair of the Department of Computer Science, has been extremely active in developing communities of student learners at Kean. Pictured above is one of these research teams. They are intended to help overcome isolation and promote academic, and eventually professional, success. As a measure of the effectiveness of this approach, Kean Computer Science students have been selected as Google Scholars, for National Science Foundation summer research programs, and for national recognition at conferences such as Grace Hopper, Tapia and the Society of Hispanic Professional Engineers. Dr. Morreale has received several major grants over the past few years, notably a large award from the National Science Foundation for Project ASK (Applying Student Knowledge for Success in Computer Science) which provides student scholarship support and fosters research, teamwork and leadership. She also received a grant from Google to host a Summer High School Institute in 2011. In 2012, Dr. Morreale received two separate grants for computer science research with undergraduates and for professional development for high school computer science teachers.

Dr. Morreale is especially committed to encouraging female students, who are very underrepresented in Computer Science. Dr. Morreale is first author of *REU-in-a-Box: Expanding the Pool of Computing Researchers*. This effort was a project of the National Center for Women and Information Technology (NCWIT). Developed in conjunction with Margaret Burnett, Oregon State University; Ann Gates, University of Texas El Paso; Jose Cossa, University of Texas; and Nancy Amato, Texas A&M University, this comprehensive resource guides faculty through the stages of a research experience for undergraduates (REU). It focuses on the interactions of faculty mentors with students and the processes by which they conduct and share their research. It also provides a variety of modifiable templates and handouts including guidance on how to conduct a literature review and self-assessment surveys. Undergraduate students, including Marvin Andujar of Kean University, contributed to and served as reviewers of the project. It is available for download at [www.ncwit.org/reuBox](http://www.ncwit.org/reuBox).

As a community service project, Kean’s active Association for Computing Machinery (ACM) Student Chapter refurbished a donated computer from Deloitte NYC and gave it to Raphael's Life House, a mother and child shelter located in Elizabeth. The donated computer provides entertainment, communication and information for mothers and children temporarily in residence at the shelter. Perhaps because of the example of Dr. Morreale, the Student Chapter of ACM at Kean has an all-female leadership team.
Research Compliance Matters

Ensuring a Successful IRB Process

When it comes to getting applications through the Institutional Review Board process, there are a few tips/suggestions which are worth repeating. These are applicable for both student applicants and their faculty advisors. The first piece of advice is for applicants not to wait until the last minute to get their applications ready. Putting together a successful IRB application is something that will take several weeks, and in some cases, months. Putting something together at the last minute increases the likelihood of having your protocol rejected.

Conscientious planning will ensure that your application gets through the process with minimal issues. A related piece of advice is for student applicants and their faculty advisors to keep in touch with one another throughout the process. Students who have a faculty advisor should make sure that they keep them “in the loop” regarding the design and layout of the project. Faculty should not be seeing it for the first time when it comes for the final review. Ideally, the student and faculty advisor should work closely throughout the project.

When it comes to the final review or approval from the faculty advisor, nothing should be a surprise. Lastly, it is recommended that students and faculty make use of the resources available on the ORSP webpage which pertain to the IRB. The material found there will help applicants draft a protocol which meets the federal guidelines for human participant research.

Contact Joe Cronin 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:

1. Stipend Contract
2. W4 form
3. 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 all the stipend payments is completed properly and receives 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 or ext. 73345 in the Office of Research and Sponsored Programs for questions and guidance relating to grant administration.

Deadlines & Reminders

Tuesday, November 27 – Introduction to SPSS Workshop (new date)
Wednesday, November 28 – IRB applications for November due (new date)
Thursday, November 29 – NIH Funding Workshop
Thursday, December 6 – Proposal Writing for the Arts & Humanities Workshop (new date)
Friday, December 7 – Deadline for Abstract Submission for Faculty Presentations – Research Days 2013
April 23 and 24, 2013 – University Research Days
Kean CJ Students Try for Posters on the Hill

Nicole Montoya and Jonathan Sternesky, seniors in Kean’s Criminal Justice program, have submitted their research for consideration for the 17th annual undergraduate poster session on Capitol Hill, sponsored by the Council on Undergraduate Research. Dr. Connie Hassett Walker is the faculty advisor for both students.

NIH Funding

November 29, 2012 - UC 226
Samantha J. Taylor, Senior Research Officer—Wyss Institute of Biologically Inspired Engineering, Harvard University

In addition to research on diseases, the NIH also supports programs on aging, alcohol abuse, behavioral research to eliminate health disparities, deafness and communication disorders, drug abuse, environmental health sciences, mental health, nursing, occupational and physical therapy, and alternative medicine. This workshop will present the major funding programs of the NIH. Important topics will include understanding common terms, what the application requires from the PI, how to confirm that a Funding Opportunity Announcement (FOA) is appropriate to your work, and specific review criteria and how these should influence proposal preparation. The goal is to make workshop attendees comfortable with applying for NIH funds to support their research.

Internal Awards Open

Applications are now being accepted for four Kean University internal research award programs:

- Released Time for Research and Creative Works (RTT)
- Untenured Faculty Research Initiative (UFRI)
- Students Partnering with Faculty Summer Research Program (SpF)
- Foundation Faculty Research Award (FFRA)

Detailed information, complete timelines and online applications are available on the ORSP website under the “Internal Funding” category. Click on the specific award program for complete information.
Government Grant Opportunities

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<td>National Science Foundation – Long Term Research in Environmental Biology</td>
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<td>National Institutes of Health – Exploratory/Developmental Research Grant Program R21</td>
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<td>National Science Foundation – Promoting Research and Innovation in Methodologies for Evaluation</td>
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<td>National Institutes of Health – Academic Research Enhancement Award (AREA) R15</td>
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Foundations and Corporations

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<td>Robert Wood Johnson Foundation – Public Health Services and Systems Research</td>
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<td>The Harry Frank Guggenheim Foundation – Research Grants</td>
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<td>Ford Foundation – Various interests related to social change</td>
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<td>Spencer Foundation – Education Research Grants</td>
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<tr>
<td>Alfred P. Sloan Foundation – Sloan Foundation Grants</td>
<td>No deadline</td>
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