



Research Days

2013

April 23 and 24

Special Edition of the Office of Research & Sponsored Programs at Kean University

Beyond Academia: *Communicating Research, Passion, and Poetry to Improve Science Literacy*

Research Days begins on Tuesday, April 23 at 10:00 in the STEM Lecture Hall with a keynote presentation by Cara Santa Maria, Senior Science Correspondent for the AOL Huffington Post Media Group, who will talk about her own journey from the university classroom and laboratory to the television screen and discuss strategies for getting your voices heard. Cara is a science communicator and that is the topic of her presentation.

In Cara's own words: "So you're doing amazing research-solving problems, illuminating dark corners, learning about the mysteries of the universe. Now what? You want to shout from the rooftops how exciting your discoveries are. But where do you start?"

"The intersection between academia and public outreach is growing every day. But it's still in desperate need of your help, especially when it comes to science literacy in the United States.

"Together, we'll discuss strategies for getting your voices heard. I'll talk about my own journey from the university classroom/laboratory to the television screen, and everywhere in between. And perhaps most importantly, we'll work together to find the passion and poetry that resides in all of us,

especially when we stop and take the time to gaze up at the stars."

Cara hosts and co-produces a weekly video series called "Talk Nerdy to Me." She also co-hosts the new Weather Channel series, "Hacking the Planet." Cara has made numerous appearances on CNN, Fox News, TLC and Current TV. She co-produced and hosted a pilot for HBO, and she has been a guest on multiple episodes of StarTalk Radio with Dr. Neil deGrasse Tyson.

Cara Santa Maria is not your typical science journalist. From cheerleader to jazz vocalist, model to tattoo enthusiast, she traveled many paths before pursuing her interest in all things related to the brain. A North Texas native, Cara currently lives in Los Angeles. Prior to moving to the west coast, she taught biology and psychology courses to university undergraduates and high school students in Texas and New York. Her published research has spanned various topics, including clinical psychological assessment, the neuropsychology of blindness, neuronal cell culture techniques, and computational neurophysiology.

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Faculty Day – April 23, 2013

Kean Assessment Institute Update

Poster presentations: 22 faculty and staff present updated assessment information on Tuesday from 11:00 am to 4:00 pm on the 4th floor of the STEM building.

Faculty Research Presentations



A total of 15 Kean University faculty presentations are scheduled on Tuesday from 11:00 am to 4:00 pm in the STEM building. A wide range of topics in Education, Science, Humanities, Visual Arts and Social Sciences will be discussed. The entire campus community is invited to attend these presentations. A detailed schedule can be found at:

http://orsp.kean.edu/research_day/Faculty_Presentations_2013.html

Faculty Panel: *Living with Genocide*

2:00 p.m., Kean Hall 127

The Legacy of the U.S. Government's Organized Genocide against the American Indian

Dr. Frank Esposito

The Necessity and Challenges of Exercising Justice in the Aftermath of Genocide: The Case of Cambodia

Dr. Sue Gronewold

Poland, 2012: The Culture of Absence

Dr. Dennis Klein

Repercussions of the Holocaust in International Affairs: The Middle East Conflict and Responses in Israel

Dr. Robert Sitelman

All are invited to attend this important panel discussion.



Faculty Research Mentor of the Year



Dr. Patricia Morreale

The 2013 Faculty Research Mentor of the Year is awarded to Dr. Patricia Morreale in recognition of her dedication to undergraduate student research.

Dr. Patricia Morreale is an Associate Professor in the Department of Computer Science and Director of the Multimedia and Network Research Laboratory. Dr. Morreale has mentored 81 undergraduate students in the past 12 years. Fourteen publications authored by Dr. Morreale and her undergraduate students have appeared in professional journals, and her student have presented at 22 professional conferences. In the past 12 years, both at Kean and prior to Kean, Dr. Morreale has received over nine million dollars in grant funding including an NSF S-STEM grant to develop "Project ASK" a successful five-year project aimed at increasing the number of students graduating with undergraduate degrees in Computer Science.

Student Day – April 24, 2013, STEM

Student Poster Presentations: 10:00 am– 3 pm



Over 150 undergraduate and graduate students across all colleges will present their research through poster displays. Students will be available to discuss their project and answer questions during their group session. Plan to spend some time at the poster sessions on Wednesday, April 24, to gain an appreciation of the variety of exciting research activities and creative work being done by Kean University students.

Group A – Computer Science, Health Sciences, Mathematics, Natural and Physical Sciences

10:00 am – 12:00 pm

Group B – Arts, Business, Education, Humanities and Social Sciences

1:00 pm – 3:00 pm

Psy.D. Dissertation Symposium

8:30 am- 10:00 am, STEM 318

Eight students in the Psy.D. in Combined School & Clinical Psychology will present their dissertation research projects.

Student Oral Presentations: 10:00 am– 3 pm

Student oral presentations are scheduled every 15 minutes throughout the day in the STEM building. The schedule can be found at orsp.kean.edu

Early Childhood & Family Studies Graduate Colloquium

5:00 - 7:00 pm, 6th Floor

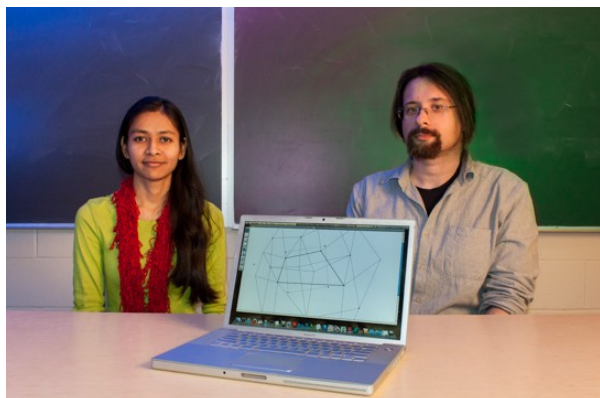
Thirteen students in the Master of Arts program will present their research.



Student Research Awards 2013

Undergraduate Researcher of the Year

Proof Without Words: A Variation on Thébault's First Problem



Purna Patel, Senior, Mathematics
Faculty Mentor: Raymond Viglione, PhD

Graduate Researcher of the Year

Ultra High Pressure Liquid Chromatography (UHPLC)



Samantha Mahmoud, BS/MS in Science and Technology, Biotechnology option, NJCSTM
Faculty Mentor: Dil Ramanathan, Ph.D.

Schedule of Events

Tuesday, April 23, 2013 - STEM Building

10 a.m. – 11 a.m.	Schwartz Lecture Hall 2 nd Floor	Keynote: Cara Santa Maria, Senior Science Correspondent, AOL Huffington Post Media Group <i>Beyond Academia: Communicating Research, Passion, and Poetry to Improve Science Literacy</i>
11 a.m. – 4 p.m.	STEM Building	Faculty Research Presentations see program or website at http://orsp.kean.edu/research_day/Faculty_Presentations_2013.html for details of rooms and times
11 a.m. – 4 p.m.	STEM – 4 th Floor	Kean University Assessment Institute Update poster presentations
2 p.m. – 3:30 p.m.	Kean Hall 127	Graduate Faculty Panel <i>Living with Genocide</i>

Wednesday, April 24, 2013 - STEM Building

8:30 a.m. – 10 a.m.	STEM 318	Psy.D. Dissertation Symposium
10 a.m. – 12 p.m.	STEM Atrium	Poster Presentations Group A: Computer Science, Health Sciences, Mathematics, Natural Sciences. See website at: http://orsp.kean.edu/research_day/Student_info_2012.html
10 a.m. – 11 a.m.	STEM 415	Student Oral Presentations Group B: Arts, Business, Education, Humanities, and Social Sciences. See website at: http://orsp.kean.edu/research_day/Oral_Presentations.html
10:30 a.m. – 12 p.m.	STEM 318	"Just War" Student Panel: <i>The Thirty Years War; The Irish Republican Army; The Trials of Joan of Arc</i>
1 p.m. – 3 p.m.	STEM Atrium	Poster Presentations Group B: Arts, Business, Education, Humanities, and Social Sciences
1 p.m. – 2:45 p.m.	STEM 318	Student Oral Presentations Group A: Computer Science, Health Sciences, Mathematics, Natural Sciences
3 p.m. – 4:30 p.m.	STEM 501	MA in Holocaust and Genocide Studies Student Panel: <i>Forgotten Conditions of Genocide</i>
3:30 p.m. – 5 p.m.	STEM 318	Ed.D. in Urban Leadership Student Panel: <i>Critical Issues In Urban Education</i>
5 p.m. – 7 p.m.	STEM 6 th Floor	Early Childhood & Family Studies Graduate Colloquium

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