

# The Office of Research & Sponsored Programs

Research at The University of Scranton: **Fall 2016**



## RESEARCH RECHARGED

### Externally Submitted Grant Proposals

	15/16	14/15
<b>CAS</b>	<b>17</b>	<b>26</b>
Asian Studies	2	1
Biology	3	5
Chemistry	3	2
Computing Sciences	1	1
Dean's Office	0	1
Hope Horn Gallery	2	2
Philosophy	0	1
Physics/EE	0	1
Political Science	0	2
Psychology	4	5
Theology/Religious Studies	1	4
World Lang. & Culture	1	1
<b>KSOM</b>	<b>2</b>	<b>2</b>
Accounting	1	1
Economics/Finance	1	1
<b>LIBRARY</b>	<b>0</b>	<b>1</b>
<b>PCPS</b>	<b>17</b>	<b>20</b>
Dean's Office	2	6
Education	0	1
Exercise Science & Sport	2	3
Leahy Clinic	8	8
Nursing	3	2
Physical Therapy	2	0
<b>STAFF</b>	<b>10</b>	<b>6</b>

The listing of externally submitted grant proposals represents all external proposals submitted through the Office of Research and Sponsored Programs (ORSP) for the Fiscal Years 2015-2016 and 2014-2015.

**University of Scranton Policy requires all external funding proposals be submitted through ORSP.**

External grant proposals with co-investigators in multiple departments were counted in all departments involved with the proposal.

Of the grants to the left, 22 and 19 grants originated from the Director of Corporate and Foundation Relations in 2015-2016 and 2014-2015, respectively. These grants flowed through the ORSP for compliance and budget review as required by University policy.

#### Speed Networking Event

ORSP will host a speed-networking event, modeled on the concept of speed dating, bringing together researchers from different disciplines across campus. ORSP will provide **seed funding for up to five projects** between investigators who initially meet and form partnerships at the event.

The event will be held on **Tuesday, February 14, 2017**, Further details to follow...

#### Research Seminar Series:

- 09/02/16: David Rusak, Ph.D., Chemistry
- 09/23/16: Jessica Nolan, Ph.D., Psychology
- 10/07/16: Katherine Stumpo, Ph.D., Chemistry
- 10/21/16: Renee Hakim, Ph.D., Physical Therapy & Benjamin Bishop, Ph.D., Computing Sciences
- 11/04/16: Gary Kwiecinski, Ph.D., Biology
- 11/18/16: Adam Pratt, Ph.D., History
- 12/02/16: Jamie Trnka, Ph.D., World Languages

# Arthur Catino, Ph.D.

## RESEARCH SPOTLIGHT

**Dr. Arthur J. Catino**, Assistant Professor of Chemistry, specializes in organic chemistry which deals with the study and preparation molecules that contain carbon. Dr. Catino grew up in the Coal Region of Central Pennsylvania and obtained his undergraduate degree in 2000 from Franklin & Marshall College. He received his Ph.D. from the University of Maryland in 2006 during which time he was an American Chemical Society Organic Division Fellow. After graduate school, he was awarded a National Institutes of Health Postdoctoral Fellowship to do research at Harvard University. From 2010-2013 he was an independent Research Associate at Harvard University. In 2013 he joined the faculty at the University of Scranton where he teaches undergraduate organic chemistry (Chem 232/233) and environmental chemistry (Chem 320) as well as graduate-level structural organic (Chem 530) and mechanistic organic chemistry (Chem 531). He is also the Co-Director of the Environmental Science Program.

Dr. Catino's research at the University of Scranton centers on the development of new methods and reagents for the introduction of boron into organic molecules. His group is also interested in the preparation of highly strained molecules that have promising structural/electronic properties. To date, he has trained and mentored six students, 4 graduate and 2 undergraduate, who have written and defended theses for graduation. He currently has three students in his group and can regularly be found working alongside them in the laboratory. More information can be found at his group's website, [www.scranton.edu/faculty/catino/](http://www.scranton.edu/faculty/catino/).

Since his arrival at the University of Scranton, Dr. Catino has received an Intersession Research Grant, a Grant Writing Initiative Award, and a Summer Travel Grant. He has submitted two grants to the American Chemical Society Petroleum Research Fund that focus on new methods for the creation of carbon-boron bonds via borylenoid intermediates. Dr. Catino has published seven peer-reviewed articles and holds two patents. In addition to this, he is writing a graduate-level textbook in organic chemistry with Professor David Evans (Harvard University) that will be published by University Science Books.

## Undergraduate Research Forum/Fair

ORSP, in conjunction with the Office of Educational Assessment, held an Undergraduate Research Forum and associated Undergraduate Research Fair on Friday, September 16, 2016. Nearly 30 faculty and staff at the Fair took part in conversations with approximately 100 students interested in performing faculty-mentored research. We will be reaching out to all participants for feedback on the event, and given its success, plan to host the Research Fair on an annual basis.

Our **raffle winners** for one of two \$50 Amazon Gift Cards are Anne Kennedy and Darren Belotte, both from the department of Biology!

Congratulations to our winners and thank you to all who took part in this promising new event!

## High Impact Practice funding opportunity

ORSP will accept proposals to support new faculty-student research projects that focus on the creation of a high impact research experience for the student resulting in measurable student learning outcomes. To this end, the proposal submitted should be a collaborative effort between the student and the faculty member, with the student providing a project description, and the faculty member providing specific information about learning outcomes.

**Proposals** for the Research as a High Impact Practice (rHIP) funding opportunity are **due** to [tabbi.miller-scandle@scranton.edu](mailto:tabbi.miller-scandle@scranton.edu) by **October 21, 2016**. Priority will be given to those faculty who attended the Undergraduate Research Fair on Friday, September 16. A detailed request for proposals (RFP) can be found on the ORSP webpage.

# Research Recharged

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Contact us at 570-941-6353

Website: <http://matrix.scranton.edu/academics/provost/research/>