

The Office of Research & Sponsored Programs



Research at The University of Scranton: **Spring 2018**

RESEARCH RECHARGED

The Faculty/Student Research Program (FSRP) offers students an opportunity to be involved in faculty research activities. **Is your department promoting FSRP to students?** Contact ORSP for more information about FSRP.

FSRP students by program:

	Academic Year		
	2017	2016	2015
Accounting	1	0	1
BCMB	10	16	11
Biochemistry	2	0	1
Biology	22	26	17
Biophysics	0	0	2
Business Admin	1	1	1
Chemistry	1	2	0
Community Health Education	2	2	1
Computer Engineering	1	0	0
Computing Sciences	1	0	0
Counseling, Human Services	2	0	0
Early and Primary Ed	1	0	0
Economics	0	1	0
English	1	0	3
Exercise Science	14	5	1
Health Admin	1	1	1
History	0	0	2
International Studies	0	1	1
Management	1	0	0
Marketing	1	0	1
Mathematics	1	0	0
Neurobiology	13	14	27
Nursing	9	5	3
Philosophy	1	0	0
Physics	2	0	0
Psychology	22	20	14
Secondary Education	0	0	1
Strategic Communication	0	1	0
Theology/Religious Studies	0	0	2
TOTAL	110	95	90

Student Scholars Celebration

The University of Scranton will hold its 18th Annual Celebration of Student Scholars on **Wednesday, May 2, 2018**.

This event will celebrate both undergraduate and graduate student research through the display of posters.

Posters will be displayed in the LSC Atrium

A reception dinner (at which we celebrate these accomplishments) will be held following the event for participants and their faculty mentors.

ORSP Spring Events:

(all dates/locations tentative until announced by ORSP)

02/16/18: RSS, Darwin Day* (BRN509)

02/23/18: RSS, Prof. George Auliso, Library (BRN509)

03/02/18: RSS, Dr. Anne Royer, Biology (TDC405)

03/23/18: RSS, Dr. Matthew Meyer, Philosophy (TDC405)

04/06/18: RSS, Dr. Christos Pargianas, Economics (BRN509)

04/20/18: RSS, Earth Day** (TDC405)

04/27/18: RSS, Dr. Joel Kemp, Theology (TDC405)

05/02/18: Celebration of Student Scholars (LSC Atrium)

05/04/18: RSS, Dr. Christopher Howey, Biology (LSC233)

RSS is the Research Seminar Series—held 3:10-4:30 p.m.

**Organized by Dr. Janice Voltzow, Biology*

***Organized by Dr. Jessica Nolan, Psychology*

Jessica Bachman, Ph.D.

RESEARCH SPOTLIGHT

Dr. Jessica Bachman, Assistant Professor of Exercise Science, is a Registered Dietitian and conducts research related to nutrition and dietary intake in adults with a focus on weight loss and athletic performance. Dr. Bachman grew up in the Woodstock, NY area and obtained her Bachelor's degree in Nutrition Science at the Pennsylvania State University in State College, PA. She completed her dietetic internship, a dual Masters' degree program (MS - Public Health Nutrition and MPH - community health education) and her PhD in Nutrition at the University of Tennessee in Knoxville, TN. Dr. Bachman has been at the University of Scranton since 2013.

Dr. Bachman's primary area of interest is in dietary and physical activity predictors of energy balance. Currently her research is focused on weight loss in postpartum women. Postpartum women have some unique challenges when it comes to weight loss that make this subpopulation particularly interesting. One of the keys to success for weight loss is self-monitoring dietary intake but this is also a time-consuming and arduous task. Dr. Bachman currently has a University of Scranton Faculty Research Grant to examine the use of a new piece of technology called the SmartPlate™ which is used for dietary self-monitoring. SmartPlate™ is a device that weighs and takes pictures of food and sends the nutrient information directly to a SmartPhone app; potentially reduce the time burden associated with monitoring dietary intake. If using SmartPlate™ seems to be helpful for adherence to dietary self-monitoring for postpartum women, the next step is to examine if SmartPlate™ can be a useful tool for encouraging weight loss in this group.

Since her time at the University of Scranton, Dr. Bachman has received 2 Marywood University-University of Scranton Cooperative research grants, a Faculty Research Grant and ORSP's Interdisciplinary Collaboration Funding as a primary or co-primary investigator. Dr. Bachman has also applied for external grants from the Academy of Nutrition and Dietetics and ILSI North America (grant was scored in the top 5) examining postpartum weight loss. Since 2013, Dr. Bachman has published 6 peer-reviewed research articles, presented 11 peer-reviewed abstracts and won two research presentation awards. Her most recent research with Dr. Dani Arigo examining nutrition labeling of restaurant-type foods in grocery stores will be published in the Journal of Nutrition Education and Behavior in the coming months.

Revised University Institutional Review Board (IRB) Policies

In preparation of the implementation of the New Common Rule expected in July of this year, the University has revised its IRB forms and processes to better align with the federal regulations. While we currently use forms labeled Form A (for expedited review), Form B (for full review by the IRB, or by a DRB as authorized by the IRB), and Form C (for full review only by the IRB), investigators will be required to choose from one of **two new forms** to submit an IRB or DRB protocol beginning **Tuesday, April 3, 2018**.

Our revised policies for the protection of human research participants now include the use of an application for **Exempt Status** for a research protocol. Investigators will be able to choose from one of six categories for exemption, as defined by 45 CFR 46.101.

Please look for further information regarding information and training sessions in the coming weeks. If you have any questions, please contact Dr. Tabbi Miller-Scandle at tabbi.miller-scandle@scranton.edu

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