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Created By: Sarah Warren



Western Illinois University

Women In Science

Science · Technology · Engineering · Math

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For More Information

Wiu.edu/WIS

Faculty Advisor:
Dr. Rose McConnell,
Currens Hall 214

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Rachel Hamilton
Rm-hamilton@wiu.edu

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Our Mission

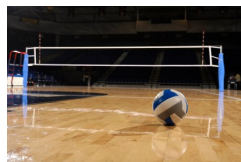
The mission of WIU Women in Science is to foster scientific research and scholarly activities, provide opportunities for women and to encourage the career advancement of women in the STEM disciplines.

Participating Departments:

- Biological Sciences, Chemistry, Geography, Mathematics, and Physics

Thank You Paul and Susan Buta

Today, amazing advancements in science are made on a daily basis. However, these advancements cannot be reached without the help and support of others. Paul and Susan have seen the promise that WIU's Women in Science have and have generously donated a lead gift to start the scholarship program to aid today's female students to reaching success in the scientific field. We would not be as far as we are today without you Paul and Susan.



Chemistry Club Vs Women In Science Volleyball Match

Was a **SUCCESS!**

Chemistry went head to head against our fearless women in science and it was an outstanding turn out. Each team won a match allowing the rivalry to stay alive but maintain an equal alliance. Thanks to all the girls that came out to participate!

Up Coming Events:

Oct. 23: MOLE DAY

October 24: Corn maze and bonfire at Hornfield Campus—With Tri Beta

October 26: WIS meeting @ 5:30 in the Physical Science Library

November 4th: Stuff the Bus

November 6th: Marie Curie Day—movie night with popcorn and hot chocolate

Paul and Susan Buta '84



Check it Out!

These women have been reinventing their field of science and making ground breaking discoveries . 15 women are highlighted in this article and is a great read for inspiration.

"Women are often massively underrepresented in the field of science and technology industries, but that doesn't mean they aren't making some of the most important contributions" (Martin 2015).

<http://www.msn.com/en-us/news/science/the-15-most-amazing-women-in-science-today/ar-AAAd2234?page=1>

Meet the Officers of WIS

President

Rachel Hamilton
Major: Biology
Medical Science



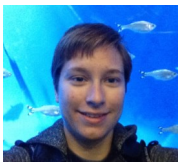
Vice President

Paris Hamm
Masters: Biology
Mycology



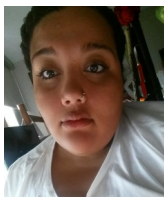
Secretary

Sarah Donnelly
Major:
Chemistry



Historian

Alejandria Solis
Major: Pre-
Nursing



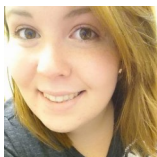
Treasurer

Emily Szott
Major: Biology
Zoology



Liaison

Bethany Esterlen
Major: Forensic
Chemistry



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Ground Breaking Research Conducted by Today's Women in Science

Sarah Donnelly– Chemistry

Research: Sarah is currently working on undergraduate research in the chemistry department. Her research deals with the synthesis of crystals made of tin and selenium. These crystals will be analyzed for their thermoelectric properties. Their goal is to find a crystal formula that increases energy efficiency.

Sarah will be presenting her research at the next WIS meeting. Be sure to stop by and hear all about it.

Sarah Warren- Masters Student in Biology

Research: Sarah is currently working on her masters thesis focused on the effects of prescribed burnings of oak forest and their relation to tick populations. Within her research she found the first occurrence of the Black Legged Deer tick in Hancock County! She plans to continue her research and add a micro component to find any presence of diseases the ticks collected may carry.

Faculty Advisor: Seán Jenkins and Catherine Miller-Hunt



Women in Science Scholarship Winners for 2015—2016

Congratulations to our outstanding women in science on their achievement in earning scholarships to continue pursuing research endeavors strengthening the presence of Women in Science.

Sarah Donnelly; Chemistry
Hannah Drake; Forensic Chemistry
Nichole Szabo; Physics
Sangya Paudyal; Microbiology
Michele Rehbein; Microbiology
Ruchi Ojha; Molecular Biology
Samantha Cuthbert; Microbiology
Terry Torres Cruz; Mycology
Paris Hamm; Mycology