**Student Research and Creative Endeavor Spotlighted at IPFW Symposium**

FORT WAYNE, Ind.—Student research and creative endeavor was highlighted at the March 28, 2014 symposium on the Indiana University–Purdue University Fort Wayne (IPFW) campus. The symposium was sponsored by the Office of Research, Engagement, and Sponsored Programs, the Walter E. Helmke Library, the Honors Program and the Office of Graduate Studies.

The largest symposium to date showcased 69 posters by 86 students (70 undergraduate students, 16 graduate students representing all six IPFW colleges presented their research in 70 posters which were judged by faculty teams.

J. Albayyari, associate vice chancellor for research, engagement, and sponsored programs, announced the prizes based on judging criteria which reflected Research or Creative Design & Concept, Content, Student Presentation and poster Appearance. He added that the symposium reflects, “…one of the exemplary aspects of an IPFW education—the chance to be engaged in research even as an undergraduate student.”

Congratulations to the student winners and faculty mentors:

**UNDERGRADUATE STUDENT AWARDS**

**First Prize:**

**Tina Gasnarez,** Educational Studies
Faculty sponsor: Ann Livschiz, History

The German National Railway (Reichsbahn) Under the Nazi Regime: The Transformation from a Glorified Past to an Enduring Legacy of Horror

**Second Prize:**

**Elizabeth Phillips, Hina Batool, Manaal Sajid, Ashlin Long,** Psychology
Faculty sponsor: Elaine Blakemore, Psychology

How does having children of both genders in a family relate to children's gender-related behaviors and maternal attitudes about them?

**Third Prize:**

**Christopher Watkins,** Physics
Faculty sponsor: Mark Masters, Physics

Solid State Dye Laser

**GRADUATE STUDENT AWARDS**

**First Prize- three-way tie:**

**Chelsea Clyde-Brockway,** Biology
Faculty sponsor: Frank Paladino, Biology

Interactions of Oceanographic Factors with Inter-Nesting and Post-Nesting Movements of East Pacific Green Turtles (Chelonia mydas agassizii) from Playa Cabuyal, Guanacaste, Costa Rica

**Christopher Culkin,** Biology
Faculty sponsor: Punya Nachappa, Biology

Effect of Drought Stress on Soybean Aphid (Aphis glycines Matsumura) Populations and Soybean Mosaic Virus Infection

**Jennifer Swiggs,** Biology
Faculty sponsor: Frank Paladino, Biology

Emergence of Leatherback (Dermochelys coriacea) Hatchlings from the Nest at Playa Grande, Costa Rica

**Second Prize:**

**Sasha Tetzlaff,** Biology
Faculty sponsor: Bruce Kingsbury, Biology

Thermal Ecology of the Eastern Massasauga (Sistrurus catenatus) in Northern Michigan

**Third Prize:**

**Jacob Hill,** Biology
Faculty sponsor: Frank Paladino, Biology

Do Oceanographic Features Influence Marine Turtle Diving Behavior? Investigations into Hawksbill Sea Turtle (Eretmochelys imbricate) Diving in the West Indies

The **IPFW Sigma Xi chapter** also awarded prizes:

•Undergraduate Award: **Christopher Watkins,** Physics, faculty sponsor M. Masters
Solid State Dye Laser

 •Graduate Award: **Christopher Culkin**, Biology, faculty sponsor P. Nachappa
Effect of Drought Stress on Soybean Aphid (Aphis glycines Matsumura) Populations and Soybean Mosaic Virus Infection

 •Team Award: **Elizabeth Phillips, Hina Batool, Manaal Sajid, and Ashlin Long,** Psychology, faculty sponsor E. Blakemore
How does having children of both genders in a family relate to children's gender-related behaviors and maternal attitudes about them?

Sigma Xi is an international multidisciplinary research society whose programs and activities promote the health of the scientific enterprise and honor scientific achievement.

Student posters are archived in [Opus, IPFW’s open access online research repository](http://opus.ipfw.edu/srce_stusymp/), which provides national and international exposure for their academic work.

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