2016 Annual Report: External Honors & Achievements of Students

Industrial and Physical Pharmacy

Lynne S. Taylor

- Dr. Naila Mugheirbi - PhRMA Postdoctoral Fellow Award
- Anura Indulkar - 2016 AAPS Graduate Student Research Award in Physical Pharmacy and Biopharmaceutics
- Hitesh Purohit:
  - 2016 AAPS Graduate Student Research Award in Formulation Design and Development
  - 2016 IPEC Americas Foundation Graduate Student Award
- Laura Mosquera-Giraldo:
  - 2016 IPEC Americas Foundation Graduate Student Award
  - AAPS Student Fellowship

Elizabeth M. Topp

- Ehab Moussa:
  - 2016 BIOTEC Section Travelship to attend the 2016 AAPS Annual Meeting and Exposition in Denver in November
  - AAPS Biotechnology Graduate Student Research Award, sponsored by Eli Lilly and Company
- Jainik Panchal - “best poster” award for his poster presentation at PepTalk in January 2016

Yoon Yeo

- Dr. Jinho Park - Lilly Innovation Fellowship Award (LIFA) 2014-18
- Yihua Pei:
  - Ronald W. Dollens Graduate Scholarship in the Life Sciences
  - Purdue Research Foundation Research Grant
  - Chaney Graduate Student Travel Award
- Joonyoung Park - Baxter Young Investigator Award (1st tier award)
- Jun Xu (PULSe) - Lilly Endowment Gift Graduate Research Award

Medicinal Chemistry and Molecular Pharmacology
• Shana Hardy (graduate student) - selected as a Scholar for the 2016 Scientist Mentoring & Diversity Program for Biotechnology

• Kiran Aslam – Fulbright Fellowship

**Gregory H. Hockerman**

• Awarded the Most Valuable Player Award- from IUSM-WL 2nd year students
• Nominated for the Dr. Aziz Teaching Award, Purdue College of Pharmacy

• Bikash Shakya - Marc Dresden Student Travel Award, 91st Annual Meeting of The American Society of Parasitologists, Edmonton, Canada (Summer 2016)

**Carol B. Post**

• Duy P. Hua, Ph.D. student:
  - Awarded Koo and Paget Graduate Student Travel Award. May 2016.
  - Purdue Women in Science Graduate Leadership Team. PULSe Representative
  - “Contribution of inter-domain electrostatic interactions to the regulation of Syk-immunoreceptor association by modulating the Syk tandem SH2 domain-domain structure” Structural Biology Seminar. Purdue University, West Lafayette, IN. Nov 16, 2016 (oral presentation)
  - “The effect of Tyr130 phosphorylation on the structure and dynamics of the Syk tandem SH2 protein” Oberlin College, Oberlin, OH. Mar 2, 2016. (oral presentation)
  - “Unique allosteric mechanism regulating protein-protein interaction through phosphorylation: a case study of the conformational changes in the Syk tandem SH2 protein,” Hitchhiker’s Guide to the Biomolecular Galaxy Mini-Symposium, Purdue University, May 11-12, 2016. (voted the Best Graduate Student talk)

• Chao Feng, Ph.D. student:
  - “Entropy dominates the allosteric regulation of Syk release from immunoreceptor tyrosine activation motifs,” Hitchhiker’s Guide to the Biomolecular Galaxy Mini-Symposium, Purdue University, May 11-12, 2016. (oral presentation)
  - Chao Feng and Carol Beth Post, “Biophysical Studies of the Allosteric Regulatory Mechanism of Syk Tandem SH2 Domains” Statewide Structural Biology Forum, Health Information and Translational Sciences Building, INDIANA CTSI, Indianapolis, IN, 2 March 2016 (poster)
  - Chao Feng and Carol Beth Post, “Biophysical Studies of the Allosteric Regulatory Mechanism of Syk Tandem SH2 Domains” Purdue Cancer Research Day Symposium, Purdue University Center for Cancer Research, Four Points Sheraton, West Lafayette, IN,
Heng Wu, Ph.D. student:
- Awarded a 2016 spring PULSe travel award
- May. 2016-present Chair, Grant Review and Allocation Committee, Purdue Graduate Student Government
- Heng Wu and Carol Beth Post, “Studying protein conformational transitions using adaptive biased sampling optimization (ABPO)” University & Industry Consortium, Indianapolis, IN Oct. 25, 2016 (Poster)
- Heng Wu and Carol Beth Post, “Studying protein conformational transitions using adaptive biased sampling optimization (ABPO)” Purdue Cancer Research Day, Purdue University September 28, 2016 (Poster)
- Heng Wu and Carol Beth Post, “Protein Tyrosine Kinases in Regulation of Signaling Pathways” PULSe retreat, Purdue University, August 16, 2016 (Poster)
- Heng Wu and Carol Beth Post, “Studying protein conformational transitions using adaptive biased sampling optimization (ABPO)” The 30th Anniversary Symposium of the Protein Society, Baltimore, MD, July 16-19, 2016 (Poster)
- Heng Wu and Carol Beth Post, “Studying protein conformational transitions using adaptive biased sampling optimization (ABPO)” Hitchhikers Guide to the Protein Galaxy symposium, Purdue University May 11-12, 2016 (Poster)

J. Christophe Rochet

- Paola Montenegro, World Parkinson Congress Travel Award
- Daniel Ysselstein, Pulse Outstanding Graduate Student
- Daniel Ysselstein, ASPET Travel Award

Richard M. Van Rijn

- Doungkamol Alongkronrusmee - ASPET molecular pharmacology division best poster presentation competition finalist, Experimental Biology, 2016

Val J. Watts

- Monica Soto-Velasquez - 2016 ASPET Travel Award

Michael K. Wendt

- Dr. Wells Brown - awarded a nationally competitive fellowship from both the American Cancer Society and the NIH. He also received the internal “post-doc challenge” award; unfortunately, he was not able to accept these awards due relocation to Vancouver
- Remah Ali - awarded the MCMP endowment fellowship
- Saeed Akhand - awarded the Lilly endowment fellowship
- Stephen (Conner) Purdy - awarded the PCCR summer undergraduate research award

Pharmacy Practice
Brian R. Overholser

- Tyler Shugg – FDA Summer Internship; Presented Research Seminar at the Personalized Medicine Institute at IUSM
- Noha Mourad – Jenkins Knevel Award Winner and Successfully Defended PhD
- Christian Egly – AFPE Gateway Scholarship in 2015 and Dean’s Undergraduate Research Fellowship in 2016
- Ahmed Abelhady - publication received a press release and was published in several news outlets
- Abdullah Assirri, Noha, and Tyler submitted multiple pre-doc fellowship applications and travel awards