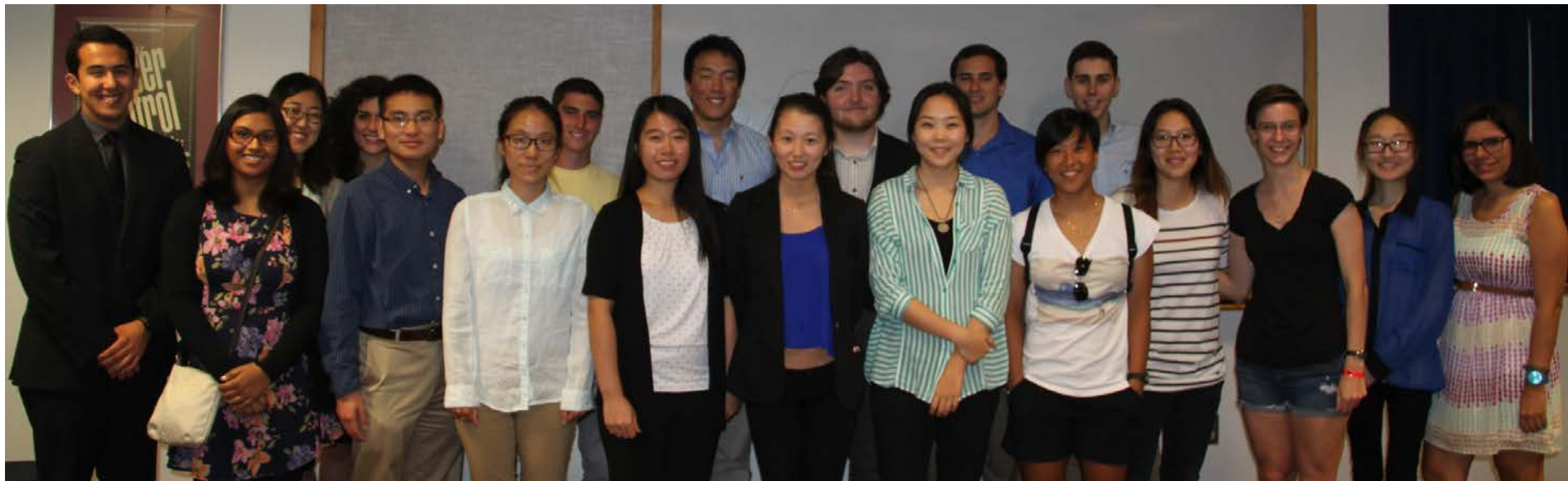


RUTGERS

Ernest Mario School
of Pharmacy

2014 EMSOP Summer Undergraduate Research Fellowship Program



2014 EMSOP Summer Undergraduate Research Fellowship Program

Seventeen students were selected for the Summer Research Fellowship Program at the Ernest Mario School of Pharmacy. Students were very active in a number of events:

- Participated in a tour of the pharmaceutical company Bristol-Myers Squibb and met in small groups with scientists from various teams within Drug Safety Evaluation.
- Dynamic discussions with Dr. Joan Bennett (Plant Biology and Pathology), Dr. Michael Gallo (Environmental and Occupation Medicine, RWJMS) and Dr. Howard Kipen (Environmental and Occupation Medicine, RWJMS).
- Career-focused events including discussion of careers with Bristol-Myers Squibb scientists, Mr. Joe Scott (Career Services, Rutgers) and Dr. Michael Toscani (School of Pharmacy).
- Participated in Final Thesis Completion for Honors Students
- Active participation in Responsible Conduct of Research Case-Based Session
- Students met with high school students during lunchtime sessions to discuss picking majors.
- Fantastic final presentations of research projects on July 24 and 31, 2014

2014 SURF Fellows



2014 SURF Fellows

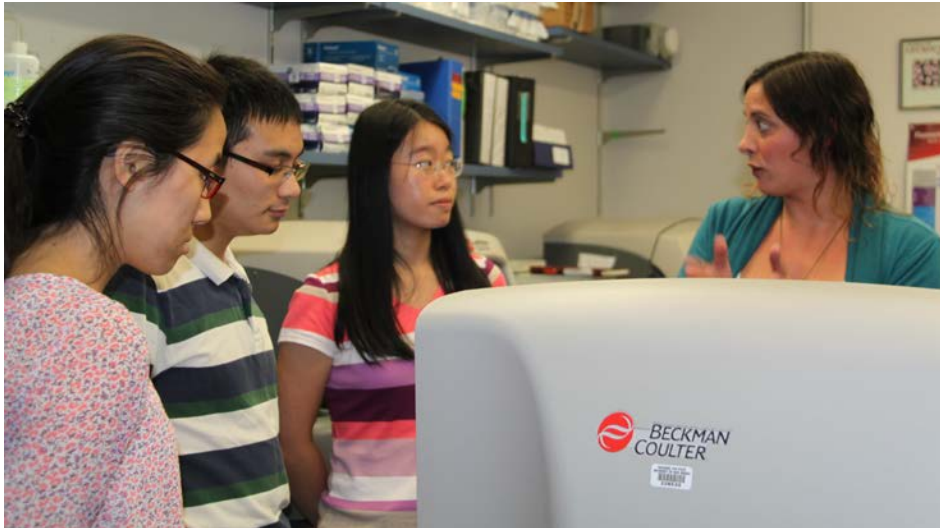




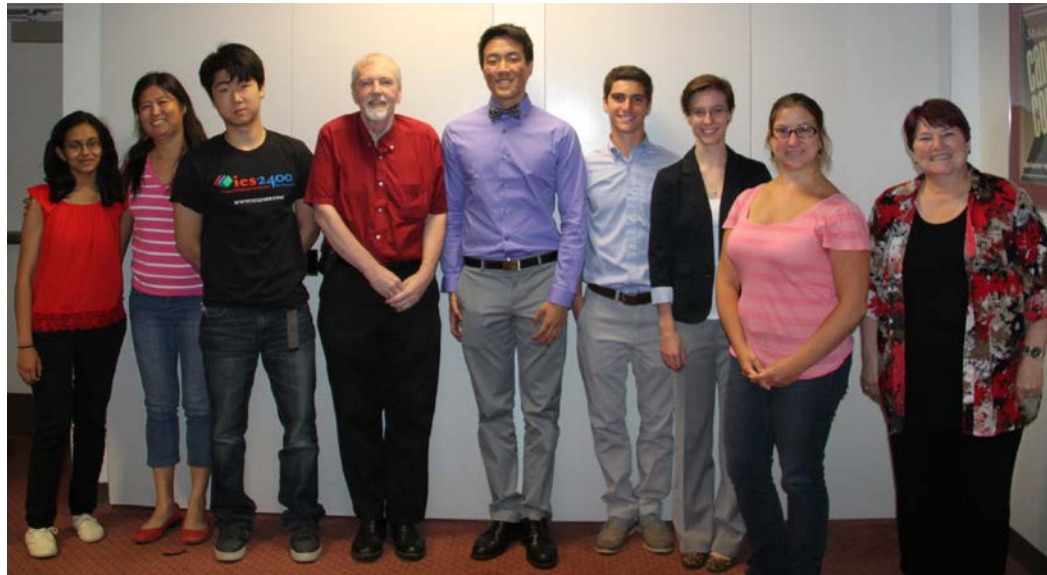
Bristol-Myers Squibb Field Trip



Core Facilities Tour



Students & Mentors



2014 Summer Research Presentations

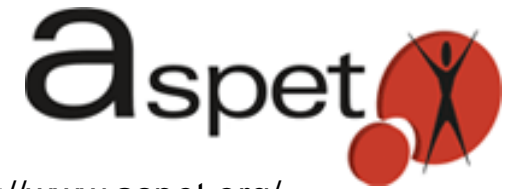
Researcher	Mentor	Project Description
Jaimie Chen	Zhou	Disruption of Maternal Behavior in Ephrin A5-Null Mice
Fangel Tung	Yurkow	Development of Formaldehyde-Neutralizing Compounds for the Study & Treatment of Neurodegenerative Diseases
So Hyun Rhee	Gow	Lymphangiomiomatosis
Barkha Jain	Sinko/Szekely	Synthesis of DV3 Peptide Analogs to Probe the Structure and Function of CXCR4 Receptor
Daniel Simmons	Wagner	Creating a Micro-Cost Model for the Impact of Adding a Pharmacist to the Health Care Team in a Federally-Qualified Health Center
Jeremy Levine	Gordon	Role of Collagen XXIV in Bone Osteoblast Maturation
Frances Acevedo	Buckley	A Straightforward Method for Cisplatin Speciation in Human Blood
Kaiwen Wang	Michniak-Kohn	Transdermal Film Formulation for Drug Delivery Using Dimethyl Fumarate
Yixin Lin	Aleksunes	Regulation of the BCRP/ABCG2 Placental Transporter by the Nuclear Receptor PPAR Gamma
Andrew Liebau	Driscoll	miRNAs as Regulators of Dietary Restriction and Healthy Aging in <i>C. elegans</i> .
Jiyeon Park	Chen	Regulation of mGluR1 via NRSF/REST in Melanoma
Stephen May	Mansukhani	Correlation of Medication Therapy in COPD Patients with 30-day Readmission Rates
Kyle Buckley	Richardson	Measurement of Deltamethrin in Rat Brain by HPLC with UV Detection
Jeffrey Yang	Suh	Targeting Breast Cancer Stem Cells with Natural and Synthetic Compounds
Hetty Cheng	Maroney	Examining the Clinical Outcomes of Paliperidone Palmitate on Patients in An Acute Care Setting
Valerie Paschalis	Fang	Circaian Disruption Promotes Breast Cancer Metastasis in C3(1)/Tag Transgenic Mice
Jane Lee	Iba	

Funding and Support

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Bristol-Myers Squibb