Binghamton University
School of Pharmacy and Pharmaceutical Sciences
2020-2021 Annual Report
SCHOOL OF PHARMACY AND PHARMACEUTICAL SCIENCES

Binghamton University’s School of Pharmacy and Pharmaceutical Sciences is on the move. With approval from SUNY and the New York State Department of Education, we are recruiting for our first class of master’s and PhD students in pharmaceutical sciences to enroll in fall 2022. This milestone comes on the heels of graduating our inaugural class of Doctor of Pharmacy students in May and receiving accreditation from the Accreditation Council for Pharmacy Education in June of this year. Though at times challenging due to the COVID-19 pandemic, our research activities and the opportunities we provide to our students in our classrooms and labs, and through their clinical rotations, have continued due to the teamwork and dedication of our faculty and staff. We are living in interesting times, but remain committed to providing exceptional learning experiences to our students and to achieve at the highest levels in our research initiatives. This 2020-2021 annual report is a comprehensive look at the research presentations, publications and funding of our faculty; showcasing their achievements in a second consecutive year impacted by COVID-19.
Our presentations (July 1, 2020–June 30, 2021)
Posters Presentation: Ariane J, Seabury RW, Steele JM, Danko W, Miller CD, Probst LA, Middaugh WD. "Methicillin-Resistant Staphylococcus aureus (MRSA) Risk Factors in Predicting MRSA Community-Acquired Pneumonia at an Academic Medical Center." IDWeek. Virtual.


Emily Leppien, PharmD Poster Presentation: Laughin E and Leppien E. "The use of low dose naltrexone as an intervention for chronic pain management amidst the opioid epidemic." ASHP Midyear Clinical Meeting and Exhibition. Virtual.


Sarah Spinler, PharmD Educational Presentation: Spinler S. "The use of low dose naltrexone as an intervention for chronic pain management amidst the opioid epidemic." ASHP Midyear Clinical Meeting and Exhibition. Virtual.

Sarah Spinler, PharmD Poster Presentation: Spinler S. "The use of low dose naltrexone as an intervention for chronic pain management amidst the opioid epidemic." ASHP Midyear Clinical Meeting and Exhibition. Virtual.


Sarah Spinler, PharmD Educational Presentation: Spinler S. “The use of low dose naltrexone as an intervention for chronic pain management amidst the opioid epidemic.” ASHP Midyear Clinical Meeting and Exhibition. Virtual.

Our publications


Aaron Beedle
$8,364 Total expenditures
Is MTOR inhibition a valid therapy for dystroglycan muscular dystrophy
Muscular Dystrophy Association of America

Tracy Brooks
$116,486 Total expenditures
Synthesis and Optimization of antibody: DNAi conjugates targeting the MYC G4
National Cancer Institute

Utkarsh Dang
$22,272 Total expenditures
Defining Serum Biomarkers of Early-Age Severity for Duchenne Muscular Dystrophy
Foundation to Eradicate Duchenne

Katie Edwards
$47,231 Total expenditures
Defining prognostic models of future clinical trajectories in Duchenne Muscular Dystrophy
Foundation to Eradicate Duchenne

Yetri Hatbou
$345,257 Total expenditures
Generating the Evidentiary Data Package for Dystrophin Biomarker Qualifications
US Army Medical Research Acquisition Activity

Kanneboyna Nagaraju
$259,402 Total expenditures
Effect of Immunomodulatory Treatments on Immune Response After Gene Correction in Duchenne Muscular Dystrophy
Parent Project for Muscular Dystrophy Research Inc

Wesley Kufel
$2,138 Total expenditures
Impact of a Pharmacist-Driven Collaborative Initiative for Staphylococcus Aureus Bacteremia Management
American Society of Health System Pharmacists

Amanda Mogul
$299 Total expenditures
Role of innate immune and Metabolic Pathways in Mediating Muscle Weakness in Myositis
Myositis Association

Kanneboyna Nagaraju
$260,790 Total expenditures
Bridging Pharmacodynamic Biomarkers to Clinical Outcomes in Pediatric Inflammatory Diseases
Children’s Research Institute

L. Nathan Tumey
$264,429 Total expenditures
Cell-specific blockage of TLR activation: A new strategy for addressing inflammatory disorders
National Institute of Allergy and Infectious Diseases

Total research expenditures: $1,007,634
Our Founders Society

This donor recognition society recognizes donors of $1,000 or more to any fund account in support of the School of Pharmacy and Pharmaceutical Sciences from the school’s inception to FY2020-21. Its members, as of June 30, 2021, are:

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- Dr. Charles N. Aswad '53 and Mrs. Joanne Aswad
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- Schwab Charitable
- Mrs. Elisabeth Menner Brandt ’66
- Dr. Sara Asif Spencer and Dr. Cory Spencer
- SUNY Impact Foundation
- Mr. Frank S. Vellucci ’94

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