

2023



The State University of New York



SCHOOL OF PHARMACY AND PHARMACEUTICAL SCIENCES

COMMENCEMENT

Saturday
May 20, 2023
5:00 PM
Center for the Arts
North Campus



Baird Point is an outdoor, Greek-style amphitheater located on the southern shore of Lake LaSalle. It was a gift to the University from the Baird Foundation and the Cameron Baird Foundation. The marble columns on the concrete platforms were once part of the old Federal Reserve Bank in downtown Buffalo. Following their relocation to the lake, the columns were dedicated as a memorial to servicemen and servicewomen.

Program

Processional

Selections from Pomp and Circumstance by Edward Elgar

Master of Ceremonies

Karl D. Fiebelkorn, RPh. MBA Senior Associate Dean Student, Professional & Community Affairs School of Pharmacy & Pharmaceutical Sciences

National Anthem

The Royal Pitches

Introduction of the Platform Party

Welcome

A. Scott Weber, PhD Provost and Executive Vice President of Academic Affairs

Greetings

Gary M. Pollack, PhD School of Pharmacy & Pharmaceutical Sciences

Commencement Address

Kari Mergenhagen, PharmD Infectious Diseases Pharmacy Manager at VA Western New York Healthcare System

Remarks

Marisa Masi PharmD Class President

Recommendation of Candidates

Gary M. Pollack

Conferral of Degrees

A. Scott Weber

Alma Mater

The Royal Pitches

Closing Remarks

Karl D. Fiebelkorn

Recessional

Triumphal March from Aida by Giuseppe Verdi

SUNY Trustee and UB Officials

Eunice Ashman Lewin

Member of the State University of New York Board of Trustees



President and co-founder of Impacto Consulting Associates, Eunice Ashman Lewin joined the SUNY Board of Trustees in February 2010. She helped reinstate the Student Life Committee, which she co-chairs. In

this role, she spearheaded the creation of the Food Insecurity and the Mental Health task forces. Lewin serves on the board's Executive Committee and the committees for academic affairs, communications and external affairs, community colleges, and academic medical centers and hospitals.

A former commissioner of the Niagara Frontier Transportation Authority, Lewin was a founding member of the Roswell Park Alliance and a board member of the Buffalo Urban League and Hispanics United of Buffalo. She is a member of the Hispanic Women's League and the Greater Buffalo Racial Equity Roundtable. Most recently, Lewin was named co-chair of the 5/14 Remembrance Committee to honor the mass shooting victims of the May 14 tragedy in East Buffalo.

A retired bilingual social worker for the Buffalo Board of Education, she is a champion for STEM education.

Born in Guantanamo, Cuba, Lewin immigrated to the U.S. with her family in 1967. She holds a bachelor's degree in sociology from Marymount Manhattan College and master's degrees in American and Puerto Rican studies, and in educational administration, from UB.

Jeremy M. Jacobs

Chairman of the University at Buffalo Council



Jeremy M. Jacobs was appointed to the UB Council in 1997; in 1998, then-Gov. George Pataki named him chairman. Jacobs is chairman of Delaware North, a global hospitality company with customers in the United States. Australia.

New Zealand and the United Kingdom. The company's operations include food and retail at airports and sports venues, sports facility ownership and management, operations of parks and major tourist attractions, hotel ownership and management, gaming operations and fine dining.

Jacobs owns the Boston Bruins and serves as chairman of the National Hockey League's Board of Governors. In 2018, he received the sport's highest honor when he was inducted into the Hockey Hall of Fame.

An alumnus of UB's School of Management and Harvard Business School's Advanced Management Program, Jacobs holds honorary doctorates in humane letters from UB, Canisius College, Niagara University and Johnson & Wales University. In 2015, his family donated \$30 million to advance UB's medical school, which was renamed the Jacobs School of Medicine and Biomedical Sciences

Jacobs has served Western New York for more than four decades with his business expertise and philanthropic leadership, and Delaware North has received multiple awards for social responsibility, community service and environmental stewardship.

A longtime friend and supporter of UB, Jacobs has served as chairman, trustee and director of the UB Foundation, chairman of the President's Board of Visitors and adviser to the School of Management.

Satish K. Tripathi University President

An internationally distinguished researcher and higher education leader, Satish K. Tripathi, PhD, is the University at Buffalo's 15th president.

Tripathi, who served as UB's provost from 2004-

2011, was dean of the Bourns College of Engineering at the University of California, Riverside from 1997-2004. Previously, he spent 19 years as professor of computer science at the University of Maryland, including seven years as department chair. A fellow of the IEEE and the AAAS, he has published more than 200 scholarly papers, supervised more than 30 doctoral and postdoctoral students and served on program committees of numerous international conferences.

Tripathi graduated at the top of his class from Banaras Hindu University (BHU). He holds a master's degree and a doctorate in computer science from the University of Toronto, as well as master's degrees in statistics from the University of Alberta and BHU. He has received honorary doctorates from the Indian Institute of Information Technology, Allahabad, and Brock University in Canada.

Tripathi serves on the College Football Playoff Board of Managers and chairs the Internet2 board of trustees. Previously, he was chair of the Mid-American Conference Council of Presidents and on the boards of NCAA Division I, NCAA Board of Governors, the Association of American Universities, the Association of Public and Land-Grant Universities and the Council for Higher Education Accreditation. A past member of the Reimagine NY Commission, he was the inaugural co-chair of the Western New York Regional Economic Development Council.

A. Scott Weber

Provost and Executive Vice President for Academic Affairs



As provost and executive vice president for academic affairs. A. Scott Weber, PhD. serves as the university's chief academic officer. providing leadership across the academic enterprise including

research, scholarship and creative activities; undergraduate, graduate, professional and international education; faculty development; diversity and inclusion initiatives; and university libraries. Weber is leading the implementation of the university's vision to be recognized among the top 25 public research universities in the nation, focused on building on UB's strengths to achieve new levels of excellence in research, scholarship. education, clinical care and engagement.

A member of UB's faculty since 1983, Weber is an innovative scholar and teacher and former chair of UB's Department of Civil. Structural and Environmental Engineering. During his time as chair, the department rose significantly in national rankings. Weber has held progressively responsible administrative roles at UB, including senior vice provost and vice provost for academic affairs, where he was instrumental in the creation of the UB Curriculum and the nationally recognized Finish in 4 program; and vice president for student life, where he focused on enhancing the student experience on campus and promoting overall student wellness.

Weber earned bachelor's and master's of science degrees in civil engineering from Virginia Polytechnical Institute and a PhD in civil engineering from the University of California, Davis.

Allison Brashear

Vice President for Health Sciences Dean of the Jacobs School of Medicine and Biomedical Sciences



An internationally renowned neurologist and researcher in movement disorders. Allison Brashear, MD, MBA, joined the Jacobs School of Medicine and Biomedical Sciences as vice president for health

sciences and dean in 2021.

Over the past three decades, she has made an impact as an expert in ATP1A3-related diseases, a spectrum of rare neurologic disorders, and has continuously been RO1 funded by the National Institutes of Health since 2008. She is currently the principal investigator for the Clinical Genetic and Cellular Consequences of Mutations in ATP1A3 project and has served as the principal investigator on more than 40 clinical trials in cervical dystonia and spasticity, leading to three FDA-approved medications.

Prior to UB. Brashear was dean of the University of California, Davis School of Medicine, as well as a professor and the Walter C. Teagle Endowed Chair of Neurology at Wake Forest School of Medicine.

Brashear earned her medical degree and completed her neurology residency at Indiana University School of Medicine. She earned her MBA at Fugua School of Business at Duke University. She completed the Association of American Medical Colleges Council of Deans fellowship program in 2014 and has completed leadership programs at Harvard University, Drexel University and UC Berkeley.

Brashear is a trustee of the McKnight Brain Research Foundation and was recently elected to the Association of American Medical Colleges Council of Deans Administrative Board. She has been a lifelong champion of diversity, inclusion and patient-centered care.

Gary M. Pollack

Dean of the School of Pharmacy and Pharmaceutical Sciences



Dr. Pollack received his undergraduate degrees in chemistry and psychology from Knox College (Galesburg, IL), and his PhD in pharmaceutical sciences from the University at Buffalo. He spent nearly 26 years on faculty in the School of

Pharmacy, the University of North Carolina at Chapel Hill, where he also was a division chair and the school's first vice dean. Dr. Pollack subsequently served as dean of pharmacy at both Washington State University and the University of Toledo prior to coming home to Buffalo. In August 2021, he became the 12th dean of UB's School of Pharmacv and Pharmaceutical Sciences.

Dr. Pollack has taught a wide range of subjects in both the professional and graduate curricula, with an emphasis on pharmacokinetics and pharmacodynamics. He was the founding director of North Carolina's Center for Instructional Innovation in Pharmacy, has led changes in curricular delivery approaches in each of the institutions he has served, and has published in the area of teaching and learning. Dr. Pollack also has been a research mentor for students pursuing professional and graduate degrees, as well as postdoctoral scholars.

Dr. Pollack's research has focused on the pharmacokinetics and pharmacodynamics of drugs and toxicants in the central nervous system. His research group has made fundamental contributions to understanding the role of P-alycoprotein in limiting drug penetration into brain and in modulating pharmacologic response, and to defining the mechanisms and dynamics underlying the development of morphine tolerance. Dr. Pollack is a fellow of both the American Association for the Advancement of Science and the American Association of Pharmaceutical Sciences.

Commencement Speaker

Kari A. Mergenhagen, PharmD '07, BCPS, BCIDP

Infectious Diseases Pharmacy Manager at the VA Western New York Healthcare System and Residency Program Director for PGY1 Pharmacy Practice and PGY2 Infectious Diseases Residencies



Kari Mergenhagen graduated from the University at Buffalo School of Pharmacy in 2007 with her Doctor of Pharmacy, then completed her residency at the James J. Peters VA Medical Center in the Bronx. She is dual Board Certified in Pharmacotherapy and Infectious Diseases. Dr. Mergenhagen is the Infectious Diseases Pharmacy Manager at the VA Western New York Healthcare System and serves as the residency program director for the PGY1 Pharmacy Practice and PGY2 Infectious Diseases Residencies. She has authored over 65 publications, which are featured in prominent journals, such as Clinical Infectious Diseases.

Many of her publications have garnered national attention and have influenced care around the nation. Additionally, her research has been featured in the lay press in publications such as US News and World Report and Time magazine. She was recently presented the United States Under Secretary for Health - Excellence in Pharmacy Practice Award by the Department of Veterans Affairs. Furthermore, she received a Commendation from the Department of Veterans Affairs for her efforts as an educator, mentor, clinician and for fostering creative thinking, collaboration, transparency, and dedication to patient needs. She has received several precepting awards and the prestigious Orville C. Baxter Memorial Professional Practice Award. She serves as a speaker for the Society of Infectious Diseases Pharmacists and is a guest surveyor for the accreditation services of the American Society of Health-System Pharmacists.

Program Descriptions

Bachelor of Science in Pharmaceutical Sciences

The Pharmaceutics Major Program is a rigorous four-year curriculum leading to a Bachelor of Science Degree in Pharmaceutical Sciences. Areas of interest in Pharmaceutics include: the Physical Chemistry of drug delivery systems; Biopharmaceutics, which encompasses the study of the relationship between drug tissue concentrations and drug effects on the body; Clinical Pharmacokinetics, or the application of pharmacokinetics to the safe and effective therapeutic management of individual patients; and Pharmaceutical Biotechnology, which is the application of genetic engineering and recombinant DNA techniques important for the development of pharmaceutical drugs.

Master of Science or Doctorate of Philosophy in Pharmaceutical Sciences

The MS and PhD programs offered by the Department of Pharmaceutical Sciences provide instruction and research training in drug discovery and experimental therapeutics, with interdisciplinary coursework and research in the Pharmaceutical Sciences at the molecular, biochemical, biological and clinical levels. These programs involve clinical as well as laboratory research including pharmacokinetics, pharmacodynamics, drug delivery, drug transport and metabolism, drug analysis and pharmacogenomics. Graduates of these programs find extensive career opportunities where they will be involved in the discovery and development of new drugs in the Pharmaceutical Industry and in academia, and in the evaluation of drug therapies in various government and private agencies.

Doctor of Pharmacy Program

The Doctor of Pharmacy program has a strong academic base, which is aimed at developing an in-depth understanding of the factors involved in making rational drug therapy decisions. The Advanced Pharmacy Practice Experiential program builds on this academic base, providing a wide range of exposure to various clinical pharmacy practice environments and medical subspecialty areas. Formal teaching opportunities and clinical research experiences are components of the program. Graduates of the Doctor of Pharmacy program practice in a wide variety of clinical pharmacy positions in university, hospital, community and industrial settings throughout the United States, Canada, Europe and Africa.

Candidates for Degrees

Subject to the completion of all degree requirements, degrees will be conferred as indicated upon those individuals listed herein who were identified by April 8, 2023, and upon such others as may meet the requirements of their respective degrees. Candidates are listed according to actual date of degree conferral (August 2022, February 2023 and June 2023).

Latin Honors

Subject to completion of all degree requirements and satisfaction of the following minimum criteria, Latin honors may be conferred as indicated upon the individuals listed herein and upon such others as may meet the requirements. To qualify for Latin honors, students must present a minimum of 60 credit hours of UB undergraduate coursework, at least 54 of which must be graded credits (i.e., not satisfactory or unsatisfactory [grades of 'S' or 'U']). The UB GPA must be a minimum of 3.2 (to 3.499) for cum laude, 3.5 (to 3.749) for magna cum laude and 3.75 (to 4.0) for summa cum laude.

To receive the Latin honors designation in the printed 2023 commencement programs, candidates for the June 2023 degree conferral date must qualify based upon their UB cumulative GPA through the Winter 2023 session and total number of UB credit hours projected through the Spring 2023 semester. Standings for Latin honors MAY change once final grades are posted or degrees conferred.

Legend

Cum laude is denoted by one asterisk (*) Magna cum laude is denoted by two asterisks (**) Summa cum laude is denoted by three asterisks (***)

Academic Recognition Items

The Gold Cord

This cord is awarded to students who are graduating with Latin honors

The Grev and Red Stole

This stole was received by students who are University Honors College graduates.

The WNY Prosperity Fellowship Medallion

This medallion was received by graduating WNY Prosperity Fellows. They were selected for this fellowship based on their commitment and demonstrated potential to positively impact WNY's economic development and sustainability.

The UB Flame of Wisdom Pin

This pin, depicting the flame of wisdom from the university's seal. was received by students who were honored at the UB Celebration of Student Academic Excellence for earning select national, SUNY and UB awards and citations

Non-Academic, University-Wide Recognition Items

The Kente Stole

This stole was received by students who participated in UB's ALANA Celebration of Achievement which historically has honored graduating African, Latino/a, Asian and Native American students.

The Rainbow Tassel

This tassel was received by students who participated in the Lavender Ceremony, celebrating achievements of graduating students who identify with the Lesbian, Gay, Bisexual, Transgender and Queer community at UB.

The Red, White and Blue Cord

This cord is being worn by graduating UB students who are reservists, members of the National Guard, newly commissioned officers or veterans of the United States armed forces.

Baccalaureate Degrees

Recommending Candidates for Degrees Garv M. Pollack. PhD Dean, School of Pharmacy and Pharmaceutical Sciences

Bachelor of Science in Pharmaceutical Sciences

Fall 2022

Samuel Vadim Avetisvan*** Colin Murray

Spring 2023

Colin Beach

Raelea Derylak*

Adam Elalem

Sara Hahn*

Carson Essenburg***

Xinghai Feng

Gregory Hawuczyk

Yu-Pin Hsu

Benjamin Kaczynski**

Huyen Le*** Bao Ly***

Samuel Oladimeji

Masters Degrees

Recommending Candidates for Degrees Garv M. Pollack. PhD Dean, School of Pharmacy and Pharmaceutical Sciences

Master of Science in Pharmaceutical Sciences

Fall 2022

Shivani Avasthi

Thesis Title: Protective Effects of Phosphodiesterase 2 Inhibitor Against AB1-42 Induced Neuronal Toxicity & Activation of Monoaminergic System Contribute to the Antidepressant-and Anxiolytic-like Effects of J147

Advisor: Dr. James O'Donnell

Vusumuzi Hove

Vivian Xu

Thesis Title: Transport and Kinase Dependent Regulation of Tyrosine Kinase Inhibitor Induced Cardiotoxicity

Advisor: Dr. Jason Sprowl

Spring 2023

Harika Bathula

Thesis Title: Biophysical Characterization of CNS Myelin Lipid Membrane Organization in

Multiple Sclerosis

Advisor: Dr. Murali Ramanathan

Poorna Chandra Yeleswarapu

Thesis Title: Preparation and Biophysical Characterization of Tolerogenic AAV8 with

Lipid Nanoparticle

Advisor: Dr. Sathy Balu-Iyer

Yuen Kiu Cheung

Thesis Title: Development of Web-based Applications to Guide Individualized Dosing

of Protein Therapeutics Advisor: Dr. Dhaval Shah Jeanine Day

Thesis Title: Influence of MCT6 on Platinum

Disposition and Ototoxicity Advisor: Dr. Jason Sprowl

Devam Desai

Thesis Title: Minimal Physiologically-based Pharmacokinetic-Pharmacodynamic (mPBPK-PD) Model to Support Development of Antisense Oligonucleotides (ASOs) for

CAN Disorders across Species Advisor: Dr. Donald Mager

Jacob Dumbleton

Thesis Title: Pharmacodynamics of Aztreonam/Ceftazidime/Avibactam and Polymyxin B Versus New Delhi Metallo-betalactamase-producing Acinetobacter baumannii

Advisor: Dr. Nicholas Smith

Emily Gorecki

Thesis Title: Characterizing the Role that Natural Killer Cells Play in the Immunogenic Response against AAV-based Gene Therapy

Advisor: Dr. Sathy Balu-Iyer

Brandon Guzman

Thesis Title: Analysis of AAV-induced Complement Activation and Resulting

Immunoaenicity

Advisor: Dr. Sathy Balu-Iyer

Raviteia Hari

Thesis Title: Testing of Distributed Delay Differential Equations Solvers in NONMEM 7.5: Application to Population PKPD Model of Erythropoietin Effect on Red Blood Cells Production

Advisor: Dr. Wojciech Krzyzanski

Sooan Kim

Thesis Title: A Novel PDE4B Inhibitor T2409 Reverses Cognitive Impairment by

Regulation of cAMP Dependent Anti-

inflammatory Pathway Advisor: Dr. James O'Donnell

Masters Degrees

Xinnong Li

Thesis Title: Machine Learning Strategy in Nonlinear Mixed-effect Model Identification of Long-acting Injectable Cabotegravir

Advisor Dr Robert Bies

Lan-Hsi Lin

Thesis Title: Population Pharmacokinetics and Pharmacodynamics of Carfilzomib in Combination with Ifosphamide, Carboplatin and Etoposide in Patients with Relapsed/refractory Diffuse Large B Cell Lymphoma

Advisor: Dr. Donald Mager

Mason Minnolera

Thesis Title: Mitigation of Immunological Response to Therapeutic Proteins using Predictive Dendritic Cell Assys and

Immunomodulators

Advisor: Dr. Sathy Balu-Iver

Sanika Shashank Naware

Thesis Title: Targeting Transferrin Receptor (TfR) to Improve Ocular Exposure of Protein

Therapeutics

Advisor: Dr. Dhaval Shah

Kiet Nguyen

Thesis Title: Development of a Combination Dosing Regimen with ShetA2 and CDK4/6

Inhibitors

Advisor: Dr. Sukyung Woo

Thomas Do Nguyen

Thesis Title: Open-Source Bayesian Optimization of Tacrolimus in Stable Kidney

Transplant Recipients Advisor: Dr. Nicholas Smith

Brii Oza

Thesis Title: Influence of Bile Salt on Biophysical Characteristics and Oral Uptake

of Tolerogenic Lipid Nanoparticle Advisor: Dr. Sathy Balu-Iyer

Navaldeep Singh

Thesis Title: Quantifying Target Site Concentrations of B-lactams in Extreme Drug Resistant (XDR) Klebsiella Pneumoniae

Advisor: Dr. Nicholas Smith

Hari Prabhath Tummala

Thesis Title: Leveraging Survival Data to Develop a Disease Progression Model for

Opioid Usage: A Case Study Advisor: Dr. Murali Ramanathan

Aditi Venkatesh

Thesis Title: Immunogenicity Prediction of Adeno-associated Viral Vectors using Murine

and Human Isolated Dendritic Cells

Advisor: Dr. Sathy Balu-Iyer

Xinxin Yang

Thesis Title: Multiplexed Immunoaffinity Antibody Cocktail Strategy for Obesity

Biomarker Quantification Advisor: Dr. Jun Qu

Congvu Zhang

Thesis Title: Across-species Meta-analysis of

Betamethasone Pharmacokinetics

Comparing Compartment and Minimal PBPK

Models

Advisor Dr. William Jusko

Yuhan Zhao

Thesis Title: Characterization of Two Novel Phosphodiesterase 2 Inhibitors Hcvb1 and PF-05180999 on Depression and Anxiety-like

Behavior

Advisor Dr. James O'Donnell

Sicheng Zhou

Thesis Title: The Role of Novel

Phosphodiesterase 4B Inhibitors in Treatment

of Alcohol use Disorder Advisor Dr. James O'Donnell

Doctorate Degrees

Recommending Candidates for Degrees

Gary M. Pollack, PhD

Dean

School of Pharmacy and Pharmaceutical Sciences

Doctor of Pharmacy

June 2023

Alharith Abdel-Razzag**

Ammar Ahmed

Christine Rita Akiki*

Bayan Mohammed A Alnajebi*

Baraa Alnaji**

Jason Argeseanu*

Ajongako Atabong*

Saoudatou Barry**

Rosina Bellocco*

Morgan Beres*

Hadijat Bhadmus**

Lisa Bogardus**

Noah Charles Cecil

Geoffrey Chen**

Jennifer Chen*

Panjie Chen***

Yuen Kiu Cheung***

Nitish Chopra

Jenna Lee Clayton**

Katherine Grace Coli***

Shaelyn Rachel Cooper*

Jeanine Dav*

Harriet de Souza**

Elsa Isabel DeBoy*

Jeffrey Dolphin*

Rachel Duewiger**

Jacob T Dumbleton*

William Dzanoucakis**

Kimberly Rose Gabel**

Zi An Jeffrey Gao*

Dylan Wayne Goodwin*

Michael Allan Grosshans**

Malalay Haider**

Gabrielle Marie Hansen***

Caitlin Harrington***

Lulu He**

Xinman He*

Corian Hess**

Sydny Elyse Hoffman**

Allison Leigh Holdsworth***

Jonathan Riaz Hoosein**

Lingling Hu*

Eva Yihua Huang***

Mohammad Harris Jalili*

Wiktoria Jedrzejczyk*

Caroline Louise Jensen*

Chioma Queen Jude-Ibe**

Hardeep Kalkat*

Cheyanne Rose Karalus**

Timothy John Karp*

Lucy Grace Keers*

Sooan Kim*

Sadie Louise Kirkham*

Kasey Kmicinski***

Allison Mary Kotas***

Lauren Alyssa Lacoursiere***

Hien Minh Lam***

Lydia Lee**

Tervnne Lee***

Yehun Lee

Sean Lenhard*

Gabriella R Leto***

Jessica Hope Lewis***

Anthony Liang**

Jody Lin

Francesco LoPizzo*

Elison Louis**

Donald Lu***

Joseph MacKinnon*

Gaurav Maini*

Marisa Masi*

Chloe Ann Matecki***

Molly Elizabeth Yi Medina*

Cierra Kristi Melone**

Amanda Jane Mietlicki*

Paige Koreena Moreno**

Lawrence Moy** Maura Mullen**

Nijad Toufic Nashar***

Kiet Nguyen**

Kristine Thanh Nguyen**

Thomas Do Nguyen**

Taylor Nicosia**

Mohamed Nour**

Randolph Okpoti Odamtten

Destiny Osborne

Brandon John Ottenschot

Xin Pan**

Charmie Patel*

Casey B Patrick

Lauren Jill Pedrick**

Nora Jane Prendergast**

Katherine Rose Purdy**

Asifur Rahman**

Maha Rauf**

Nidhika Rohatqi**

Alexis Lynn Saade*

Tony Sakr*

Sara Ammar Salah***

Angel Moises Santos

Christopher Philip Schneider

Koheleth Saul Seidman**

Julia Settler**

Anant Shah*

David Leo Sharogradsky*

Michael Shenal**

Flora Sumin Shin*

Navaldeep Singh*

Jennifer Spallina*

Paul O Stage***

Melissa Stein***

Hsuan-Yun Su***

May Thandar*

Prachi Trivedi*

Sheng Yun Tseng*

Brandon Tu**

Hao Wang**

Kelsev Wares**

Doctorate Degrees

Ume Farwa Wasim*
Nathan Richard Webster
Amanda L Whelan**
Sarah Mary Winkle***
Rebecca Winski***
Danielle Christine Wojcik**

Hongbo Wu**
Jessica Xu*

Mark Peter Yetto***
Carrie Yu***
Tan Yuan Yu*
Yi Zheng*

Research Projects

Clincial Research Program

Christine Akiki

Project Title: Antibody-Drug Conjugate
Therapy versus Unconjugated Therapy in the
Incidence of Cardiotoxicity and Survival Rates
in Breast Cancer

Advisor: Dr. Joseph Balthasar

Kelsey Wares

Project Title: Community Pharmacists Recommendations regarding Raspberry Leaf for Induction of Labor: A Mystery Caller

Approach

Advisor: Dr. Nicole Cieri-Hutcherson

May Thandar

Project Title: Evaluation of Student-Pharmacists Experiences in COVID-19

Vaccination Clinics Advisor: Dr. Gina Prescott

Eva Huang

Project Title: The Effects of Bictegravir: Polypharmacy versus Non-Polypharmacy

Advisor: Dr. Qing Ma

Hien Lam

Project Title: Evaluation of Vancomycin Pharmacokinetics in Patients Receiving High-

Flux Intermittent Hemodialysis Advisor: Dr. Calvin Meaney Donald Lu

Project Title: Gauging the Impact of COVID-19 on Chronic Disease Treatment through a

pharmacotherapeutic Lens Advisor: Dr. Raymond Cha

Carrie Yu

Project Title: Relationship Between Opioid Exposure and Healthcare Utilization Among

Those with Alcohol Use Disorder Advisor: Dr. David Jacobs

Melissa Stein

Project Title: Characterization of Treatment of Diabetes in COVID-19 Hospitalized Patients

Advisor: Dr. Raymond Cha

Chloe Matecki

Project Title: Investigating Viable Monobactam and Beta-lactamase Inhibitor-based Combinations Versus Pan-resistant K. pneumoniae Utilizing the Disc Diffusion

Synergy Test
Advisor: Dr. Brian Tsuii

David Sharogradsky

Project Title: Cannabidiol and Anti-Epileptic Drug Plasma Concentrations During Concurrent Treatment for Resistant Epilepsy

Advisor: Dr. Gene Morse

Caitlin Harrington

Project Title: Aztreonam-Induced Persistence of Pseudomonas aeruginosa: Clinical Implications of Optimal Use of β-lactam

Antibiotics

Advisor: Dr. Brian Tsuji

Lauren Pedrick

Project Title: Evaluation of Dosing and Response to Erythropoiesis Stimulating Agents during Transitions of Care

Advisor: Dr. Calvin Meaney

Paul Stage

Project Title: Gauging the Impact of COVID-19 on Chronic Disease Treatment through a

Pharmacotherapeutic Lens Advisor: Dr. Raymond Cha

Doctor of Philosophy in Pharmaceutical Sciences

Summer 2022

Toan Duc Nguyen

Thesis Title: Development and Optimization of Antibody-Drug Conjugates for the Treatment of Acute Myeloid Leukemia

Advisor: Dr. Joseph Balthasar

Spring 2023

Nicole Jarvi

Thesis Title: Predicting and Mitigating the Immunogenicity Challenges of Subcutaneous

Delivery of Biologics Advisor: Dr. Sathy Balu-Iyer

Sihang Liu

Thesis Title: The Impact of Intracrine
Androgen Metabolism on Tumor Growth in

Advanced Prostate Cancer
Advisor: Dr. Robert Bies

PharmD Advanced Pharmacy Practice Experience Program

The Pharm.D. Professional Experiential Program consists of required rotations in ambulatory, acute care, or long-term care settings. Each segment includes a comprehensive clinical experience in providing pharmaceutical care for patients with a variety of acute and chronic diseases focusing on patient education, medication counseling, drug interactions, review of medical literature, managed care and pharmacoeconomics.

PharmD Advanced **Pharmacy Practice Experience Preceptors**

Eliana Abboudi Caitlin Aberle Paul Adams Ngozi Agbasionwe Traci Aladeen Nicole Albanese **Gregory Alston** Pi Amin Daniel Appiah Catherine Arapis Sandra Archey Neli Attas Eric Balotin Danielle Banaszak

Hongkai Bao Jenna Barnes Charles Barone Edward Bednarczyk Joel Begert

Salina Bandali

Erin Beitz Elizabeth Belcher Heather Bell **David Benedict** Robert Bennett Susan Bergstrom

Shreen Beshures Christina Billias Maria Birke Dimitra Bitikofer **Emily Bobak** James Bobal Laura Bolognino Joanna Boone Domingo Bracero Stefan Brand Kathleen Brauen Matthew Brennan Jeremy Brewer

Patrick Bridgeman

Sarah Britton Judy Bromley

Andrea Brown Constance Browne David Burke Michael Burns Hailey Button Stacy Cairns Andrea Call

Alesa Campbell Brian Campbell Andrew Canning **Christopher Carames** Courtney Cardinal **Dustin Carr** Jennifer Casals Lori Castillo Anthony Catalano Charlene Celano Craig Cendrowski Raymond Cha Raymond Chan Emily Chang Mei Chang Ajay Chaudhuri Angela Cheng John Chiavetta Maya Chilbert

Madeline Ciccone Nicole Cieri-Hutcherson

Collin Clark Holly Coe Sharon Connor Valerie Cooper Jessica Costello Kavla Courtney Christine Crandall Cari Cristiani MaryAnne Cronin Crystal Cruz Li Csont

Christopher Dalv Keelev Damon Melissa Danek Alvssa DeCastro Aubrev Defavette Nicole Delello Tammie I ee Demler Kalpesh Desai

Maria Deutsch Elissa Devenny Katherine Di Palo Kenneth Dill Fred Doloresco Marcus Dong JoAnna Douglas Ronald Dunlap Charisse Dzierba Miriam Ellison Stephanie Englert

Jessica Esposito

Sara Farghaly

Hadeia Farooque David Feldman Nicholas Feola Nadia Ferguson Lindsev Feuz Jennifer Fiebert Fric Field Mike Fish Isabel Fond Holly Forrestel Aaron France Sarah Fratto Santana Stacy Fredrick

Mia Fuiiwara Magda Fulman Nicholas Fusco Norbert Futeran James Gaiser III

Chandra Sekhar Gaiulapalli

Julia Galea James Gallo Daniel Garber Lauren Gashlin Lorne Gav Francis Gengo Jinwi Ghogomu Jatinder Gill Adriana Giordano Anthony Giso Andrea Glogowski Jeffrey Gonzales Arelys Goodrich William Goral

Undra Graves-Guvton Kelsey Gregoire Melissa Guarino Kvle Guav Michele Gump Yi Guo Robert Halloran

Matthew Hamed Shawn Hancey Kevin Harbison Natalie Hathaway Denise Hendricks Krisha Hewitt Jackie Ho John Hoang Luke Hoffman

Zac Hopkins

Nicholas Hopwood John Horton Sami Hossain

Farhad Hossen Misti Houck Susan Hovnowski Emily Hull Janet Ibrahim Judy Izard Kelly Izydorczak Jennifer Jackson David Jacobs Vivek Jain Tom Janus Patricia Jaramillo Kimberly Jav Calvin Jean Michelle Jensen Kimberly Johnson Julian Jolly Diana Joyner

Jennifer Karpie-Otterstein Maryna Kedo Jamie Keller Alexa Keller Bellus Geri Kelsch Brian Kersten Saira Khalique Alan Khorshidi Alvssa Kiel Danielle Kilmer Lvnne Kilner Olivia Kleinfeldt Jamie Kobren John Koford Alex Korik

Indrani Kar

Cindy Kostek Christopher Kotowski Kristin Kraiewski Michael Krajewski Andrea Krause Marissa Krieger Pamela Kubek Kristen Kusmierski Cvnthia Lackie Connor Laforge Vanessa Laforteza Olivia Lam Lindsey Landi Jordan Langro Jamie Latko

Natalie Latuga

Thomas Latuda

PharmD Advanced Pharmacy Practice Experience Program

Christian Lee
Claudia Lee
Rose Lee
Arlen Leis
Mark Lenard
Brian Leonard
Timothy Leong
XiaoLong Li
Amy Lin
Ryan Lindenau
Chris Linzer
Joyce Lo
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UB Alma Mater



Music by Walter S. Goodale, MD, 1903. Lyrics adapted by UB students in 2006 for contemporary use.

Verse 1:

The pride of our spirit and tradition,

Our alma mater's truth and name declare.

Celebrate our history and wisdom,

O let us all prepare to sing her glory.

Refrain:

To Buffalo all hail to thee,

Noble and strong it's our university!

To blue and white pledge loyalty,

Singing, I will always remember thee!

Verse 2:

We'll ever keep our standards high,
And sing UB's praises to the sky.
Receiving the finest education,
Our knowledge we impart unto the nations.
(Repeat refrain)

Verse 3:

Our friends we've made with ties that bind,
A union of our spirit, heart and mind.
Together we'll continue life's journey,
O may dear Buffalo forever be.
(Repeat refrain)

The Mace

Designed to tell the story of the university and the Niagara Frontier, the University at Buffalo mace was fashioned by silversmith Hudson Roysher of Arcadia, Calif. It was used for the first time in the 1962 general commencement.

The mace is silver with accents of lapis and howlite to represent the university's colors. It is topped by a miniature walled structure representing the city of Buffalo. Engraved atop the city are three arrows bound together, symbolizing the unity of UB and the city.

A band of alternating jewels of lapis and howlite encircles the head of the mace and bears the founding dates of the 13 divisions that composed the university in 1962.

The UB arms appear on the front of the head. On the back are the arms of the United States.

The discovery of Lake Erie in 1669 by Louis Joliet and early explorations by Robert de LaSalle are symbolized on the left side of the head. A crest on the right side symbolizes the university's role as a dynamic center of human growth and welfare.

The wild rose, the New York state flower, is depicted in a floral motif at the top and bottom of the mace's head. Encircling the ends of the shaft are three wavy lines representing intellect and water, the latter a reference to the Niagara River and Great Lakes.

The motto "University and City: Community" is lettered in Latin around the knob of the shaft.

Traditionally used in university ceremonies, the mace is a symbol of enlightened authority. The mace bearer is the chair of the university's Faculty Senate.



UB Alumni Association Letter

Dear Member of the Class of 2023,

Congratulations! On behalf of the UB Alumni Association, I'm delighted to welcome you to your global network of more than 293,000 alumni. We're proud of all you have accomplished.

As you begin your next chapter, please stay in touch! We have many ways for you to remain connected—to UB and to each other—through email and social media, as well as alumni events and volunteer opportunities happening across the country and around the world.

What does this mean for you in practical terms? It means that career help, volunteer opportunities and engaging educational and social events are all yours for the taking. To learn more about what's available with your new alumni status, visit buffalo.edu/alumni.

If you have questions about how to stay involved, contact the Office of Alumni Engagement at ub-alumni@buffalo.edu.

Remember, this isn't goodbye—it's WELCOME to the UB alumni family. We know you'll always be True Blue and proudly keep your Horns Up, wherever you go and whatever you do.

Go Bulls!

Darshon Jayasinghe

Darshon Jayasinghe, BA '03 President, UB Alumni Association

P.S. Keep your @buffalo email for life simply by logging in through a browser every 90 days.

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ON THE COVER The modern seal for the University at Buffalo harks back to a design adopted in 1923 to reflect the evolution of the university from separate schools into a more close-knit organization. Though the seal has been revised several times over the decades, the foundational elements remain: a proud bison signifying the City of Buffalo

atop a shield supported by the palm leaves of victory and emblazoned with the flames of wisdom.