

ONE HUNDRED SIXTY-NINTH ANNUAL



SCHOOL OF PHARMACY AND PHARMACEUTICAL SCIENCES  
C O M M E N C E M E N T

SATURDAY

MAY 16, 2015

FIVE O'CLOCK

CENTER FOR THE ARTS

NORTH CAMPUS

JAMES M. O'DONNELL

DEAN

JOSEPH BALTHASAR

ASSOCIATE DEAN

FOR RESEARCH

KATHLEEN BOJE

ASSOCIATE DEAN

FOR ACADEMIC AFFAIRS

REBECCA BRIERLEY

ASSISTANT DEAN

FOR EXTERNAL AFFAIRS

KARL D. FIEBELKORN

SENIOR ASSOCIATE DEAN

STUDENT, PROFESSIONAL AND

COMMUNITY AFFAIRS

JENNIFER HESS

ASSOCIATE DEAN

FOR ADMISSIONS

CINDY KONOVITZ

ASSISTANT DEAN

CANDISE MORRIS

ASSOCIATE DEAN

FOR RESOURCE MANAGEMENT

LEIGH YATES

ASSISTANT DEAN

FOR DEVELOPMENT

## Conferral of Degrees



**Michael E. Cain**

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

Michael E. Cain, MD, came to the University at Buffalo in 2006 from Washington University School of Medicine in St. Louis, where he was director of the Cardiovascular Division and Tobias and Hortense Lewin Professor of Medicine.

Cain is a graduate of Gettysburg College and received his medical degree from George Washington University School of Medicine. He completed training in internal medicine and cardiology at Barnes Hospital/Washington University School of Medicine. He was a clinical/research fellow in clinical cardiac electrophysiology at the University of Pennsylvania School of Medicine.

An internationally recognized physician-scientist, Cain specializes in cardiac electrophysiology, the examination of the heart's electrical system. He is a translational researcher, clinician and educator. His research, funded by the National Institutes of Health, has been directed at the electrophysiological determinants of ventricular tachycardia and fibrillation in the setting of healed myocardial infarction.

Cain is a fellow of the American College of Cardiology, the American Heart Association and the Heart Rhythm Society. He is a past president of the Association of Professors of Cardiology and the Heart Rhythm Society, and past chair of the board of directors of The Sarnoff Endowment for Cardiovascular Science.

He has received the Hans-Peter Kragenbuehl Memorial Award for Research in Cardiac Function from the International Academy of Cardiology, the American Heart Association's Arthur E. Strauss Award, the 2012 Resident/Fellow Achievement Award from Washington University School of Medicine and the 2013 Leadership Buffalo Value Award for Inclusion.

## Dean



**James M. O'Donnell**

*Dean  
School of Pharmacy and Pharmaceutical Sciences*

James M. O'Donnell, PhD was appointed as the 11th dean of the University at Buffalo School of Pharmacy and Pharmaceutical Sciences in October 2013. He is a professor of pharmaceutical sciences with a joint appointment as professor of pharmacology and toxicology. He received his Bachelor of Science in psychology from Carnegie Mellon University and a doctorate in pharmacological and physiological sciences from the University of Chicago; he completed postdoctoral training in neuropsychopharmacology at the University of Pennsylvania.

His research focuses on the relationship between the neurochemical and behavioral effects of drugs, primarily those used to treat neuropsychiatric illnesses. He has served on NIH review panels in the neuroscience and drug discovery areas, including as founding chair of the Pathophysiological Basis of Mental Disorders and Addictions study section, and is associate editor for the Journal of Pharmacology and Experimental Therapeutics. He is a member of a number of scientific and professional societies, including the American Society for Pharmacology and Experimental Therapeutics and the Society for Neuroscience, is a fellow of the American College of Neuropsychopharmacology, and chaired the Gordon Research Conference on Cyclic Nucleotide Phosphodiesterases.

Dr. O'Donnell has been active in the teaching of professional and graduate students in the areas of pharmacology and neuroscience and has provided research mentorship to undergraduate, graduate, and professional students, residents, postdoctoral fellows, and junior faculty members. He served as director of an NIH-supported, T32 grant which provided predoctoral research training at the interface of behavioral and biomedical sciences.

## Guest Speaker



**Gene D. Morse**

*SUNY Distinguished Professor in the School of Pharmacy and Pharmaceutical Sciences  
Associate Director of the Center of Excellence in Bioinformatics and Life Sciences at the University at Buffalo*

Gene D. Morse, Pharm.D., FCCP, BCPS is a tenured, SUNY Distinguished Professor in the School of Pharmacy and Pharmaceutical Sciences and Associate Director of the Center of Excellence in Bioinformatics and Life Sciences (CBLS) at the University at Buffalo (UB). He has been a faculty member at UB since 1983, serving as Chairman of the Department of Pharmacy Practice (1996-2007) and Associate Dean for Clinical and Translational Research (1999-2009). During his appointments as both department chair and associate dean, Dr. Morse guided the transition of the UB Pharmacy program from a BS to a PharmD, degree, established a non-traditional PharmD program for alumni with BS to obtain PharmD degrees, and established the UB-based residency program and fellowship programs. Dr. Morse remains the director of the ASHP-accredited, PGY2 HIV Pharmacotherapy residency program and the ACCP peer-reviewed HIV Clinical Pharmacology Fellowship program.

Dr. Morse has been actively involved in drug development research since the introduction of antiretrovirals for HIV in 1986. His UB laboratory receives funding toward drug development research in HIV and hepatitis C virus (HCV) research and has gained an international reputation for its work in bioanalysis, pharmacokinetics, and pharmacogenomics. In his role as Associate Director of the CBLS, he directed the development of the translational pharmacology research core and other research programs that access the resources of the CBLS with new initiatives on the Buffalo Niagara Medical Campus, promote workforce development programs, as well as global health projects. His research has led him to have extensive experience with the development of international research and training programs.

Dr. Morse is currently the program director for the University at Buffalo-University of Zimbabwe AIDS International Training and Research Program (AITRP), Principal Investigator for an NIH contract for Quality Assurance in HIV Clinical Pharmacology Programs, and Director for the NIAID AIDS Clinical Trials Group (ACTG) Clinical Pharmacology Core. Dr. Morse is also the director of the Medication Management Research Network and UB Patient Safety Organization (PSO), a federally designated program. Dr. Morse has over 25 years of NIH, industry, and philanthropic research support for drug development with extensive experience in grant applications and mentoring. He was awarded the Volwiler Research Achievement Award from the American Association of Colleges of Pharmacy in 2012.

## Program

### Master of Ceremonies

Karl D. Fiebelkorn, RPh, MBA  
 Senior Associate Dean  
 Student, Professional and Community Affairs  
 School of Pharmacy and Pharmaceutical Sciences  
 University at Buffalo  
 State University of New York

### Opening Declaration

Ezra B. Zubrow  
 Mace Bearer  
 Chair of the University Faculty Senate  
 and Professor of Anthropology  
 University at Buffalo  
 State University of New York

### National Anthem

### Greetings

Michael E. Cain, MD  
 Vice President for Health Sciences  
 Dean of the School of Medicine and Biomedical  
 Sciences  
 University at Buffalo  
 State University of New York

### Remarks

James M. O'Donnell, PhD  
 Dean  
 School of Pharmacy and Pharmaceutical Sciences  
 University at Buffalo  
 State University of New York

### Guest Speaker

Gene D. Morse, PharmD  
 SUNY Distinguished Professor in the School of  
 Pharmacy and Pharmaceutical Sciences  
 Associate Director of the Center of Excellence in  
 Bioinformatics and Life Sciences  
 University at Buffalo  
 State University of New York

### Recommending Candidates for Degrees

James M. O'Donnell, PhD  
 Dean  
 School of Pharmacy and Pharmaceutical Sciences  
 University at Buffalo  
 State University of New York

### Conferring Degrees

Michael E. Cain, MD  
 Vice President for Health Sciences  
 Dean of the School of Medicine and Biomedical  
 Sciences  
 University at Buffalo  
 State University of New York

### Presentation of Awards

Edward Bednarczyk, PharmD  
 Chair, Department of Pharmacy Practice  
 School of Pharmacy and Pharmaceutical Sciences  
 University at Buffalo  
 State University of New York

### Remarks

Madeline Waldron  
 Senior Class President

### Alma Mater

### Closing Declaration

Ezra B. Zubrow  
 Mace Bearer  
 Chair of the University Faculty Senate  
 and Professor of Anthropology  
 University at Buffalo  
 State University of New York

### Music

Royal Pitches

*While photographs are permitted during the ceremony, please be courteous by not blocking the view of other guests during the program.*

*The School of Pharmacy and Pharmaceutical Sciences is proud to announce that this event is being recorded and will be available for viewing online after May 16th at <http://www commencement.buffalo.edu>*

## 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)*

## Ceremonial Mace

The ceremonial mace is traditionally carried during the procession by a senior distinguished faculty member as a symbol of authority. The staff is made of dark, polished walnut, topped by three intersecting silver rectangles simulating the emblem of the State University of New York at Buffalo. When not in use for ceremonial purposes, the mace is displayed to visitors in the office of the dean. The mace was designed and constructed by Irwin Franco, jeweler, woodcrafter, and former assistant professor, Department of Occupational Therapy.



## 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.

### Bachelor of Science/Master of Science in Pharmaceutical Sciences

The B.S./M.S. program is a rigorous five-year program in the Pharmaceutical Sciences leading to the joint B.S./M.S. degree. Students begin their program with undergraduate courses and research and progress in their fourth year to graduate courses and initiation of a graduate research project in the Pharmaceutical Sciences. Research areas include pharmacokinetics, pharmacodynamics, drug delivery, drug transport and metabolism, drug analysis and pharmacogenomics. Graduates of this program are highly sought by the Pharmaceutical Industry, as well as academia and various government agencies.

### Master of Science or Doctorate of Philosophy in Pharmaceutical Sciences

The M.S. and Ph.D. 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 May 1, 2015, and upon such others as may meet the requirements of their respective degrees. Candidates are listed according to actual date of degree conferral (September 2014, February 2015 and June 2015). Degree recipients will come forward to be congratulated during the commencement ceremony.*

### The Gold Cord

*The University at Buffalo pays special tribute to some of its most accomplished graduates with the conferral of the gold cord. The gold cord is given in recognition of the outstanding achievement of students who are graduating (or are projected to graduate) with Latin honors. A long, braided neckpiece, the gold cord may be worn with the cap and gown at any commencement ceremony.*

### 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 2015 commencement programs, candidates for the June 2015 degree conferral date must qualify based upon their UB cumulative GPA through the Winter 2015 session and total number of UB credit hours projected through the Spring 2015 semester. Standings for Latin honors MAY change once final grades are posted or degrees conferred.*

### Legend

*Cum Laude is denoted by an asterisk (\*)*

*Magna cum Laude is denoted by two asterisks (\*\*)*

*Summa cum Laude is denoted by three asterisks (\*\*\*)*

*In addition to the gold Latin Honors cords, several members of the graduating class are wearing other cords as part of their academic attire. The green and gold cords recognize students as members of Phi Lambda Sigma, the pharmacy leadership honorary society. The purple and white cords recognize membership in Rho Chi, a pharmaceutical honor society based on scholarship.*

## Baccalaureate Degrees

### *Recommending Candidates for Degrees*

James M. O'Donnell, PhD  
Dean and Professor  
School of Pharmacy and  
Pharmaceutical Sciences  
University at Buffalo  
State University of New York

### *Conferring Degrees*

Michael E. Cain, MD  
Vice President for Health Sciences  
Dean of the School of Medicine  
and Biomedical Sciences  
University at Buffalo  
State University of New York

## Bachelor of Science in Pharmaceutical Sciences

### **February 2015**

Genevieve Stever

### **June 2015**

Lingling Chen\*  
Ting Ting Chen  
Piotr Gawel  
Zi Yang He\*  
Samuel Kim  
Michael Payne  
Negin Salehi  
Ann Chi Sam

## Baccalaureate/Masters Degrees

### *Recommending Candidates for Degrees*

James M. O'Donnell, PhD  
Dean and Professor  
School of Pharmacy and  
Pharmaceutical Sciences  
University at Buffalo  
State University of New York

### *Conferring Degrees*

Michael E. Cain, MD  
Vice President for Health Sciences  
Dean of the School of Medicine  
and Biomedical Sciences  
University at Buffalo  
State University of New York

## Bachelor of Science/Master of Science in Pharmaceutical Sciences

### **June 2015**

Nathan Williams  
*Thesis Title: Ontogeny or organic anion  
transporter 1 and 3 in the rat kidney*  
Advisor: Melanie Felmlee, PhD

## Master of Science in Pharmaceutical Sciences

### **September 2014**

Bo An  
BS: China Pharmaceutical University  
*Thesis Title: New strategy enabling  
sensitive, accurate, and reproducible  
quantification of mAb*  
Advisor: Jun Qu, PhD

### **February 2015**

Jigar Patel  
BS: University at Buffalo  
*Thesis Title: OPLS, the functional  
excipient to reduce aggregation of  
monoclonal antibodies*  
Advisor: Sathy Balu-Iyer, PhD

### Gauri Rao

PharmD: University at Buffalo  
*Thesis Title: Population PK/PD  
model for Oseltamivir incorporating  
viral kinetics, innate immune  
response and symptom dynamics*  
Advisor: Alan Forrest, PharmD

### **June 2015**

Elizabeth Lakota  
*Thesis Title: Improving the clinical  
utility of polymyxin B through a  
meta-analysis of toxicity and  
development of an adaptive feedback  
control model*  
Advisor: Alan Forrest, PharmD

### Yujie Yang

BS: China Pharmaceutical  
University  
*Thesis Title: Investigation of the  
influence of protein-losing  
enteropathy or monoclonal antibody  
pharmacokinetics*  
Advisor: Joseph Balthasar, PhD

## Doctorate Degrees

### *Recommending Candidates for Degrees*

James M. O'Donnell, PhD  
Dean and Professor  
School of Pharmacy and  
Pharmaceutical Sciences  
University at Buffalo  
State University of New York

### *Conferring Degrees*

Michael E. Cain, MD  
Vice President for Health Sciences  
Dean of the School of Medicine and  
Biomedical Sciences  
University at Buffalo  
State University of New York

### Doctor of Pharmacy

#### February 2015

Leah Andress\*  
Nazli Soltani\*\*\*

#### June 2015

Kwadwo Baah\*  
Ian Bader\*  
Justin Bader\*  
Ryan Bailey\*\*  
Matthew Belair\*\*\*  
Hannah Bibens\*\*\*  
Justin Bigg\*\*\*  
Zackery Bulman\*\*\*  
Heeyoung Byun\*  
Rebecca Campbell\*\*  
Mariely Castaneda\*  
Man Ting Chan\*\*  
Stephanie Chan\*\*  
Janet Chen\*\*  
Susan Chen\*\*  
Kristina Chmiel\*  
Valerie Cooper\*  
Vincent Dellavalle\*\*  
John Diep\*\*\*  
Heather Dillenbeck\*\*\*

Ryan Dillon\*\*\*  
Lauren Dingman  
Alyssa Droopad  
Caitlin Frohnapple\*  
Patrick Galdun\*  
Colleen Gardon\*\*  
Megan Gee\*\*  
Brittney Giuga\*\*  
Heather Grove\*\*  
Lin Feng Guan\*\*  
Matthew Haintz\*  
Yuliya Halko\*\*  
Kristin Hart\*  
Kushol Hasnat  
Caitlyn Herr\*\*  
Charles Hinton\*\*  
Erica Ho\*\*  
Caitlin Hoar  
Randall Horlacher\*  
Niveta Jeyakumar\*\*\*  
Jing Jin\*\*  
Yeonwoo Jung  
Suo Karas  
Benjamin Kematick\*\*  
Hye Ji Kim\*  
Sonya Kim\*\*  
Suk Young Kim\*  
Jaclyn Kotula\*  
Cristina Kowalczyk\*  
Gabriela Krawiec\*\*\*  
Wesley Kufel\*\*\*  
Shahjabin Kureshi\*\*\*  
Nicholas Ladziak\*  
Elizabeth Lakota\*\*\*  
Judy Lam\*  
Kevin Langdon  
Charles Lavallee\*\*\*  
Byung Hee Lee\*\*  
Kevin Lee\*  
Mi Ryung Lee  
Young Ji Lee\*

Eric Lenhard\*\*  
Meghan Lim\*\*  
Hengxin Lin  
Enen Liufu  
Paul Lupano\*  
Sarah Lynch\*\*  
Jacqueline Meaney\*\*  
Charlene Meyer\*\*\*  
Jessica Meyers\*  
Sophia Min\*  
Alyssa Moore\*\*  
Allen Mosher\*  
Jennifer Murray\*\*\*  
Esra Mustafa\*\*  
Andrew Newberg\*  
Kelley Nghiem\*  
Alain Nguyen  
Hanh Nguyen\*\*\*  
Minh Nguyen Dang\*\*  
Thanh Nguyen\*  
Melinda Novak\*\*  
Gianna Ognibene\*  
Ryan O'Laughlin\*\*  
Erica Orłowski\*\*\*  
Anait Pahlevanyan\*  
Jinhee Park\*\*\*  
Samsad Pavel\*\*\*  
Quynh-Anh Pham\*  
Jamie Raffaniello\*  
Jacob Reaser\*\*\*  
Kelly Ross\*  
Michael Rudzinski\*\*\*  
Brian Russell  
Sarith Saju\*  
Sarah Schuessler\*  
Iffat Shafiq\*\*\*  
Parth Shah\*  
Brittany Slocum\*\*  
Charles Smith  
Courtney Smith\*\*  
David Smith

Jeremy Smith\*\*\*  
Joseph Sperber\*  
Samuel Steele\*  
Thomas Steele\*\*\*  
Dmitriy Sulik\*  
Thomas Tamul\*  
Alexandra Thomas\*  
William Tihin\*\*  
Alyssa Turose\*  
Varun Vohra\*\*  
Catherine Voytovich\*\*\*  
Betty Vu\*\*  
Madeline Waldron\*\*\*  
Christina Wang\*  
Johnny Wang\*  
Margaret Wang\*  
Stephanie Waugh\*  
Deborah Wells  
Jennifer Wiafe\*  
Samantha Will\*\*  
Andrew Wroblewski\*\*  
Haihui Wu\*\*  
Philip Yeung  
Carmen Yu\*\*  
Timothy Zablocki\*\*  
Alexander Zach\*\*\*  
Nisa Zhao\*  
Yip-Kee Zou\*  
Brittani Zurek\*

## Research Projects

Zackery Bulman

*Project Title: Defining the impact of azithromycin as adjunctive therapy on virulence and killing in multi-drug resistant Pseudomonas aeruginosa*

Advisor: Brian Tsuji, PharmD

Heeyoung Byun

*Project Title: A single center retrospective analysis of early beta-lactam therapy in combination with standard therapy for methicillin-resistant Staphylococcus aureus (MRSA) bloodstream infections*

Advisors: Gauri Rao, PharmD and David Jacobs, PharmD

John Diep

*Project Title: Polymyxin combinations to combat polymyxin resistant KPC-producing Klebsiella pneumoniae*

Advisor: Gauri Rao, PharmD

Caitlin Frohnapple

*Project Title: Challenges and Rewards of Pharmacotherapy Selection in Patients Diagnosed with Lung Cancer and Diabetes Mellitus*

Advisor: Alice Ceacareanu, PharmD

Patrick Galdun

*Project Title: Sensitivity and Specificity of Clopidogrel Resistance Testing Using Active Metabolite Levels*

Advisor: Fran Gengo, PharmD

Jing Jin

*Project Title: Role and service efficiency of the pharmacist in a patient-centered medical home*

Advisor: Scott Monte, PharmD

Benjamin Kematick

*Project Title: Impact of a Post-Graduate Year 1 (PGY-1) Community Pharmacy Residency on Type 2 Diabetes Mellitus Outcomes in a Primary Care Practice*

Advisor: Scott Monte, PharmD

Gabriela Krawiec

*Project Title: Perceptions, Beliefs and Attitudes Regarding Substance Use Among Patients with HIV: A US Based Provider Survey*

Advisor: Sarahmona Przybyla, PhD

Jessica Meyers

*Project Title: Metformin and Primary Breast Cancer Prevention: A Systematic Review and Meta-Analysis*

Advisor: Matthew Bonner, PhD

Samsad Pavel

*Project Title: Comparing and Evaluating the Efficacy of Compounded Topical therapy against Standard Oral therapy in Neuropathic Pain Management*

Advisor: Scott Monte, PharmD

Iffat Shafiq

*Project Title: Ceftaroline and daptomycin combination demonstrates synergistic and bactericidal activity against methicillin-resistant Staphylococcus aureus (MRSA) from a patient who failed daptomycin*

Advisor: Brian Tsuji, PharmD

Dmitriy Sulik

*Project Title: The ICCARUS-DRUGS Study: Impact of baseline Cholesterol management on Cancer Recurrence and Survival in Diabetes Reevaluated upon cancer diagnosis*

Advisor: Alice Ceacareanu, PharmD

Catherine Voytovich

*Project Title: Safety and Efficacy of 70% Bypass of the Small Bowel for Poor Weight Loss after Gastric Bypass*

Advisors: Scott Monte, PharmD & Nicholas Norgard, PharmD

Margaret Wang

*Project Title: The Use of Micafungin Prophylaxis and Treatment in ICU Cancer Patients*

Advisor: Mei Ka Fong, PharmD

Timothy Zablocki

*Project Title: Oral Doxycycline or Minocycline to Abbreviate the Duration of Vancomycin in the Treatment of Methicillin Resistant Staphylococcus aureus Skin Infections*

Advisor: Joseph Paladino, PharmD

## Doctor of Philosophy in Pharmaceutical Sciences

### June 2015

Gurkishan Chadha

MS: Auburn University  
*Thesis Title: Protein therapeutics in Type 2 Diabetes Mellitus*

Advisor: Marilyn Morris, PhD

Frank Engler

BS: Clarkson University  
*Thesis Title: Catch and release antibodies for intracellular delivery of macromolecular toxins*

Advisor: Joseph Balthasar, PhD

Carrie Hoefler

BS: University at Buffalo  
*Thesis Title: Defining the impact of epigenetics on the expression of human reductases in heart and lung*

Advisor: Javier Blanco, PhD

Krithika Shetty

BS: Birla Institute of Technology and Science, India  
*Thesis Title: Safety and efficacy of lipidic formulations of therapeutic proteins*

Advisor: Sathy Balu-Iyer, PhD

Li Zhang

MS: Peking University  
*Thesis Title: System pharmacology modeling of bortezomib exposure – response relationship in Multiple Myeloma patients*

Advisor: Donald Mager, PhD

## Awards

### SUNY Chancellor's Award for Student Excellence



**Elizabeth A. Lakota**  
*Pharmacy and  
Pharmaceutical  
Sciences*

Elizabeth Lakota of Port Byron, N.Y., graduates with a doctorate in pharmacy and a master of science in pharmaceutical sciences. Lakota served as president of the Student Society of Health Systems Pharmacists. She has presented her research projects at four national and international conferences and was the

recipient of the 2014 Daniel H. Murray Professional Development Award. Lakota also completed internships at Hoffmann-La Roche, the U.S. Food and Drug Administration, and the Institute for Clinical Pharmacodynamics.

### Robert H. Ritz Award

An annual award established by Robert H. Ritz, a 1919 graduate of the UB School of Pharmacy and Pharmaceutical Sciences, for presentation to the member of the graduating class attaining the highest standing in Biochemical Pharmacology.

### Roy M. Barr Award

An annual award established by Roy M. Barr, a 1914 graduate of the UB School of Pharmacy and Pharmaceutical Sciences, for presentation to the member of the graduating class who demonstrated outstanding work in Medicinal Chemistry.

### Eino Nelson Award

Presented to the member of the graduating class who demonstrated outstanding work in Biopharmaceutics, in memory of Dr. Eino Nelson, former Professor and Chairman of the Department of Pharmaceutics.

### David E. Guttman Award

Presented to a member of the graduating class who has demonstrated a high degree of interest and achievement in the area of pharmaceutical analysis and physical pharmacy, in memory of Dr. David E. Guttman, former Professor of Pharmaceutics.

### Samuel J. Bauda Award

An award established in memory of Samuel J. Bauda, for presentation to a member of the graduating class who exemplifies the qualities of leadership and dedication to community health care desirable in a community pharmacy practitioner.

### Michael E. Crawford Award

Presented to a member of the graduating class who exemplifies a spirit of perseverance, in memory of Michael E. Crawford, a 1979 graduate of the UB School of Pharmacy and Pharmaceutical Sciences.

### The Merck Award

A set of books, presented by Merck & Company to a member of the graduating class in recognition of high scholastic achievement.

### Margaret C. Swisher Memorial Award

An award established in memory of Margaret C. Swisher, Ph.D., by Dr. and Mrs. Alexander Slepian, for presentation to an outstanding pharmacy student in the field of Chemistry.

### Renee A. Dederich Award

Presented to a member of the graduating class who has chosen to pursue post-graduate training, in memory of Renee A. Dederich, a 1977 graduate of the School of Pharmacy, who received her Pharm.D. Degree, posthumously in 1979.

### Award of Excellence in Clinical Communication

An award sponsored by Facts and Comparisons and presented to a member of the graduating class who has demonstrated high scholastic achievement, and superior verbal and written clinical communication skills.

### Mylan Pharmaceuticals Excellence in Pharmacy Award

Presented to a member of the graduating class in recognition of high academic achievement and professional motivation in a tangible and professionally meaningful manner.

### Western New York Society of Health-system Pharmacists Award

Presented to a member of the graduating class having a record of high academic achievement and an interest in institutional practice.

### Pharmacists' Society of the State of New York Award

Presented to a member of the graduating class who has shown interest in, and taken part in, pharmaceutical organization activities.

### McKesson Drug Company Academy of Students of Pharmacy Award

Presented to the student who has best served the University at Buffalo chapter of the Academy of Students of Pharmacy.

### Natural Medicines Comprehensive Database Recognition Award

Presented to a member of the graduating class who has exhibited an interest in an evidence-based approach to patient care.

### Pharmacists' Association of Western New York Student Leadership Award

Presented to a member of the graduating class who has shown leadership in professional organization activities and has maintained a good scholastic standing in the UB School of Pharmacy and Pharmaceutical Sciences.

### UB School of Pharmacy & Pharmaceutical Sciences Professionalism Award

Presented to a member of the graduating class who exhibits the ideals of professionalism and excellence in patient care.

### Robert M. Cooper Memorial Award

Presented to a member of the graduating class who exemplifies the qualities of ethics, integrity and commitment to excellence personified by Robert M. Cooper, former professor and associate dean of the UB School of Pharmacy and Pharmaceutical Sciences.

### **The Inpatient Advanced Pharmacy Practice Experience Award**

Presented to a pharmacy graduate for outstanding performance in the inpatient care component of the Advanced Pharmacy Practice Experience Program.

### **A.B. Lemon Memorial Award**

Presented to a member of the graduating class who exemplifies the high ideals of scholarship and dedication to the profession of pharmacy which were held by Dr. A. Bertram Lemon, former Dean of the UB School of Pharmacy and Pharmaceutical Sciences.

### **Lori Esch Memorial Award**

Presented to a member of the graduating class for demonstrating achievement in ambulatory pharmacotherapy management with an emphasis on patient counseling and education and who exemplifies the commitment to medication safety and beneficial outcomes personified by Dr. Lori Esch, a former assistant professor and HIV Pharmaceutical Care Specialist in the School of Pharmacy & Pharmaceutical Sciences.

### **TEVA Pharmaceuticals USA Outstanding Student Award**

Presented to a graduating senior who in the opinion of the School, excels in the study of pharmacy.

### **The Outpatient Advanced Pharmacy Practice Experience Award**

Presented to a pharmacy graduate for outstanding performance in the outpatient care component of the Advanced Pharmacy Practice Experience Program.

### **Excellence in Pharmacogenomics Award**

Presented to a member of the graduating class who has demonstrated high academic achievement and outstanding work in Pharmacogenomics.

### **National Community Pharmacists Association Outstanding Student Member Award**

Presented to a member of the graduating class in recognition of their entrepreneurial spirit and commitment to advancing independent community pharmacy practice.

### **The Kelli Jordan Memorial Award**

Kelli Jordan was the first fellow in the Drug Development Fellowship Program offered in conjunction with Novartis Pharmaceuticals. In memory of her accomplishments Novartis endowed a scholarship in her name at the University at Buffalo School of Pharmacy and Pharmaceutical Sciences. This award is made to the UB student that best exemplifies the ideals of pursuing excellence in clinical research in an academic or pharmaceutical industry setting.

### **Phi Lambda Sigma Certificate of Achievement, Chapter Member of the Year Award**

Presented to a member of Phi Lambda Sigma in acknowledgment of outstanding support and contributions to the University at Buffalo School of Pharmacy and Pharmaceutical Sciences.

### **Robert H. Gumtow Undergraduate Research Award in Pharmaceutical Sciences**

Presented to a graduating BS student who has performed the most outstanding research.

### **Katherine Doyle Memorial Award for Excellence in Palliative Care**

Presented to a member of the graduating class who exemplifies the commitment for compassionate care towards patients with life limiting conditions but treatable symptoms as personified by Dr. Katie Doyle, a 2006 Pharm.D. graduate, who as a student, resident and practicing pharmacist, worked to relieve both physical and emotional pain and suffering from patients in her care.

### **Outstanding Graduating Senior Award in Pharmaceutical Sciences**

Presented to the most outstanding BS graduate based on overall performance, including GPA and leadership.

### **The Alfred and Erma Jones Award**

Presented to the most deserving Pharmaceutical Sciences student in the final academic year, and who is from upstate New York.

### **Excellence in Teaching Award**

The Teacher of the Year Program recognizes a faculty member who demonstrated excellence, innovation and effectiveness in our Doctor of Pharmacy Program, B.S. in Pharmaceutical Sciences Program or Graduate Program through the development of new courses, modification or improvement of existing courses, enhanced student learning opportunities in and outside the classroom, or by promoting student learning with pedagogical and active learning approaches as it applies to the education mission of the School of Pharmacy and Pharmaceutical Sciences.

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*Dean's Office*

## Alumni Letter

Dear Class of 2015,

Congratulations, graduates! Your hard work has brought you the knowledge, skills and confidence to take the next step in your life. Be proud of your accomplishment as we are proud of you.

On behalf of the UB Alumni Association, I welcome you to our family of UB alumni. Though you may be leaving campus today, you're not leaving UB. With more than 230,000 UB alumni around the world, wherever you go you will find fellow alumni.

As you move forward, I encourage you to keep UB close. The UBAA is here for you. We will help you stay connected through regular communication via email and At Buffalo, our quarterly magazine, and alumni chapter events across the U.S. and around the world. Need career advice or connections? The UB Career Community will put you in touch with alumni in your current or target geographic area. These are just a few of the services UBAA offers to all UB alumni.

To learn more about the UBAA and the benefits and services available, visit the alumni website at [www.alumni.buffalo.edu](http://www.alumni.buffalo.edu) or contact the Office of Alumni Engagement at 1-800-284-5382 or [ub-alumni@buffalo.edu](mailto:ub-alumni@buffalo.edu).

Good luck and best wishes,



Carol Gloff, BS '75

President, UB Alumni Association

P.S. Please make sure to keep UBAA informed when your email address changes. We want to stay in touch.

### 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 pharmacoconomics.

### PharmD Advanced Pharmacy Practice Experience Preceptors

Josiane Abou Jaoude  
Nicole Acquisto  
Alex Adams  
Arin Affonso  
Ngozi Agbasionwe  
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Mrs. Denise Grisanti for  
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Commencement  
ceremony.

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