

DUQUESNE UNIVERSITY
MYLAN SCHOOL OF PHARMACY
GRADUATE SCHOOL OF PHARMACEUTICAL SCIENCES
DEGREES AWARDED (MEDICINAL CHEMISTRY)

- Zeng, Yibin PhD May 2002 The Synthesis of Classical and Nonclassical 6-5 Bicyclic Furo[2,3-*d*]pyrimidines, Pyrrolo[2,3-*d*]pyrimidines and 6-6-6 Linear Tricyclic Pyrido[2,3-*d*]pyrimidines as Antifolates

- Wang, Ying MS May 2004 The Synthesis of 2,4-Diamino Pyrido[2,3-*d*]pyrimidines and 2,4-Diamino-6-oxo-pyrimidines as Dihydrofolate Reductase and Thymidylate Synthase Inhibitors

- Yang, Jie PhD Dec. 2004 The Synthesis of 6-5 Bicyclic Furo[2,3-*d*]pyrimidines and 6-5-6 Tricyclic Indolo[2,3-*d*]pyrimidines as Receptor Tyrosine Kinase Inhibitors or Classical and Nonclassical Antifolates

- Ahuja, Vijay T. MS Dec. 2004 The Synthesis of Pyrido[2,3-*d*]pyrimidines and Quinazolines as Antifolates

- Lin, Xin PhD May 2005 Synthesis of Pyrrolo[2,3-*d*]pyrimidines and Pyrimidines as Antifolates and/or Receptor Tyrosine Kinase Inhibitors and CoMFA and CoMSIA Analyses of Pneumocystis carinii, Toxoplasma gondii and Rat Liver Dihydrofolate Reductase Inhibitors

- Qiu, Yibin MS May 2005 The Synthesis of Thieno[2,3-*d*]pyrimidines as Inhibitors of Thymidylate Synthase, Dihydrofolate Reductase and Receptor Tyrosine Kinases

- Jain, Hiteshkumar D. PhD Aug. 2006 Synthesis of Pyrrolo[2,3-*d*]pyrimidines and Furo[2,3-*d*]pyrimidines as Classical and Nonclassical Antifolates or Receptor Tyrosine Kinase Inhibitors

- Bednarski, David M. MS May 2007 Gene Regulation Through Artificially Induced DNA Conformational Changes

- Talreja, Tina MS Aug. 2008 Design and Synthesis of Pyrrolo[2,3-*d*]Pyrimidines as Dihydrofolate Reductase, Thymidylate Synthase and Receptor Tyrosine Kinase Inhibitors

- Adair, Ona O. PhD Dec. 2008 Synthesis of 2,4-Diaminopyrido[2,3-*d*]Pyrimidines and 2,4-Diaminoquinazolines as Inhibitors of Dihydrofolate Reductase and Thymidylate Synthase

Degrees Awarded
Medicinal Chemistry
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- Li, Wei PhD May 2009 Synthesis of Furo[2,3-*d*]Pyrimidines, Thieno[2,3-*d*]Pyrimidines, Pyrrolo[2,3-*d*] and Pyrrolo[3,2-*d*]Pyrimidines as Classical and Nonclassical Antifolates or Receptor Tyrosine Kinase Inhibitors

- Yi, Shuyan MS May 2009 Design and Synthesis of Benzimidazole Analogs as CDK5 Inhibitors and Progress Toward the Total Synthesis of Tubulysin D

- Namjoshi, Ojas A. PhD May 2009 The Synthesis of Pyrrolo [2,3-*d*]-Pyrimidines and Pyrido[2,3-*d*]Pyrimidines as Receptor Tyrosine Kinase Inhibitors or Tubulin Inhibitors or Inhibitors of Dihydrofolate Reductases and the Development of Metal Catalyzed Cross-Coupling Reactions

- Kurup, Sonali PhD May 2009 The Synthesis of Bicyclic Pyrrolo[2,3-*d*] Pyrimidines as Inhibitors of Receptor Tyrosine Kinases, Microtubules or HSP90

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MYLAN SCHOOL OF PHARMACY
GRADUATE SCHOOL OF PHARMACEUTICAL SCIENCES
DEGREES AWARDED (PHARMACEUTICS)

- Rege, Pankaj R. PhD May 2000 On the Development of Chitinosans as Enabling Excipients for Use in Modified Release Drug Delivery Systems
- Vartak, Deepali MS May 2001 Effect of External Parameters on Intrinsic Dissolution Rate of Pharmaceutical Substances
- Ghorab, Mohammed K. PhD Dec. 2001 Effect of Wet Granulation of Ibuprofen and Beta-Cyclodextrin on Complexation, Dissolution and Bioavailability
- Jain, Ashwinkumar C. PhD Dec. 2001 Characterization of Differently Substituted Sulfobutylether Beta-Cyclodextrin (SBE Beta-CD) and Complexation Studies with Various Steroids: In vitro- In vivo Evaluation of Buccal Tablets Prepared Using Danazol-SBE 7 Beta-CD Complexes
- Dattarajan, Meenakshi MS Dec. 2001 Use of Enhancer Cell™ to Measure Drug Release from Semisolid Dosage Forms: Excipient Variations
- Bose, Sonali MS May 2002 Effect of Vibration on the Release of Drugs from Solid Dosage Forms
- Sharma, Laxmikant H. MS May 2002 Application of Thocel as a Direct Compressible Rate Controlling Polymer with Myvatex TL as a Lubricant
- Govekar, Vivek L. PhD May 2002 Evaluation of the Effects of Monoglyceride Lubricants on the Compressibility of Several Tablet Blends
- Shukla, Dhruvi MS May 2003 Study of the Molecular Weights and Molecular Weight Distributions in Chitinosans and Carregeenans
- Abu Hashash, Ahmad PhD May 2003 Preclinical Development of the Alkyl 2-Imidazolyl Disulfide Compounds: Pharmaceutical Aspects
- Chamorthy, Sai Prasanth MS May 2003 Design and Development of a DNA Delivery System for Murine Dendritic Cells
- Chukwumezie, Sr. Beatrice Nkem PhD Dec. 2003 Statistically Designed Spheronization and Scale-up of Ibuprofen Microparticulates Using the Fluid-bed Rotor Disk Technology: Coating for Prolonged Release and Hard Gelatin Encapsulation of Microparticulates

***Degrees Awarded
Pharmaceutics
Page 2***

- Iyer, Meenakshy PhD May 2004 Development of Near-Infrared Spectroscopic Method for the Analysis of Intact Tablets
- El Hagrasy, Arwa S. PhD May 2004 Development of Near-Infrared Spectroscopic and Imaging Methods for Process Control of Pharmaceutical Powder Blending
- Bijlani, Vishal J. MS Dec. 2004 Use of Near-Infrared Spectroscopy to Monitor the Hardness of Roller Compacted Ribbons
- Cogdill, Robert P. PhD May 2007 Integration of Multivariate Simulation and Method Understanding for Efficient, Science-Based Process Analytical Systems Development
- Voytilla, Randall J. MS Dec. 2007 Non-Destructive Prediction of Drug Release From Tablets Using Near-Infrared Spectroscopy
- Esseku, Fredrick MS May 2008 Evaluation of Fixed Dose Combination Dosage Forms of Antiretroviral Drugs: Development of Reconstitutable Suspension for Pediatrics
- Lin, Yannan MS May 2008 Calibration of a Materials Informatics Database for Prediction of Mechanically Activated Amorphization in Small Molecule Organic Solids and Sample Porosity Corrections of MDSC Thermal Conductivity Measurements
- Ma, Hua PhD Dec. 2008 Near-Infrared Chemical Imaging as a Tool for Understanding Blending of Pharmaceutical Materials and Optimization of Blending Process Control
- Kovacs, Jeffrey PhD Dec. 2008 Characterization of Submicron Particles as Nucleic Acid Delivery Platforms in Dendritic Cells
- Onadeko, Toluwalope MS Dec. 2008 Preparation and Characterization of Oil-in-Water Emulsions of Trifluoperazine for Parenteral Drug Delivery
- Shi, Zhenqi PhD May 2009 Applying Mechanistic Understanding of Optical Absorption and Scattering Phenomena to Enhance the Spectroscopic Analyses of Pharmaceutical Materials

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MYLAN SCHOOL OF PHARMACY
GRADUATE SCHOOL OF PHARMACEUTICAL SCIENCES
DEGREES AWARDED (PHARMACOLOGY-TOXICOLOGY)

- Milchak, Lawrence M. PhD Aug. 2000 Nuclear Calcium Accumulation and DNA Fragmentation Associated with Iron Toxicity in Isolated Rat Hepatocytes
- Mostowy, Janet PhD Dec. 2000 Glutathione Depletion and Cyanide Generation as a Mechanism of 2-Chloroacrylonitrile Acute Toxicity
- Wright, Stephanie MS May 2001 Cholinergic and Steroidal Modulation of the Hypothalamic-Pituitary-Adrenal Axis in Male and Female Rats
- Marks, Megan G. PhD Dec. 2001 Determination of the Effects of Putative Thalidomide Metabolites on Angiogenesis Using an in vitro and in vivo Model
- Passey, Deepshika MS May 2003 Microtubule Modulation of PLC-dependent Signal Transduction Cascades in MT1- and MT2-CHO Cells
- Jarzynka, Michael PhD Aug. 2003 Modulation of Human MT1 and MT2 Melatonin Receptor and G-Protein Function by Microtubules
- Pokala, Vedavalli PhD May 2005 Effect of Steroid Sulfatase Inhibition on Hippocampal Cholinergic-Muscarinic Receptor Function and Amyloid Precursor Protein Metabolism
- Ukairo, Okechukwu T. PhD Dec. 2005 Structural Determinants for Substrate and Inhibitor Recognition by the Dopamine Transporter
- Radio, Nicholas PhD May 2006 A Mechanistic Evaluation of How Melatonin Enhances Alkaline Phosphatase Activity in Human Adult Mesenchymal Stem Cells
- Ramanujapuram, Suneetha MS Aug. 2006 Dopamine Uptake Inhibition Potency Fluctuations of Cocaine at the Dopamine Transporter
- Bondi, Corry D. MS Dec. 2006 Outgrowth Formation in MT1-CHO Cells is Dependent Upon Gi Protein Activation, Elevated and Sustained MAP Kinase Activation and Intact Microtubules
- Adams, Wendy PhD May 2007 The Role of the Seventh Transmembrane NPXXY Motif in Mu Opioid Receptor Activation

Degrees Awarded
Pharmacology-Toxicology
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- Arshad, Samreen MS May 2007 Effect of Neurosteroid Dehydroepiandrosterone Sulfate (DHEAS) on Rat Model for Dementia
- Kotlarczyk, Mary P. MS Dec. 2007 Identification of Black Cohosh-Regulated Markers in Mammary Tumors from MMTV-*neu*MICE
- Abitoye, Phebian MS May 2008 The Steroid Sulfatase Inhibitor (p-O-Sulfamoyl)-Tetradecanoyl Tyramine (DU-14) Enhances Memory Retention in Passive Avoidance in Rats with Hippocampal Cholinergic Deficit
- Rutkowski, James L. PhD Dec. 2008 Mechanistic and Clinical Studies of Platelet Rich Plasma: A Simple Clinical Method for Enhancing Bone and Soft Tissue Healing
- Cai, Li MS Dec. 2008 The Effect of Selective Cholinergic Lesion of Medial Septum on Recognition Memory
- Indarte, Martin PhD Dec. 2008 Computational Modeling of Monoamine Transporters: Development of a Virtual Screening Drug Discovery Tool
- Fitz, Nicholas F. PhD Dec. 2008 Selective Lesion of Cholinergic Neurons of the Septal-Hippocampal Tract: Memory and Learning
- Clafshenkel, William MS May 2009 An Evaluation of the Efficacy of *Morinda Citrifolia* (Noni) on the Development and Progression of Breast Cancer in the MMTV-*NEU* Mouse Model

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GRADUATE SCHOOL OF PHARMACEUTICAL SCIENCES
DEGREES AWARDED (PHARMACY ADMINISTRATION)

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|---|-------------------|----|-----------|---|
| ➤ | Vaughan, Melissa | MS | May 2002 | Non-Thesis |
| ➤ | Shah, Manish | MS | May 2003 | A Quantitative Analysis of the Content of Print Direct-to-Consumer Prescription Drug Advertisements in Popular Consumer Magazines |
| ➤ | Holmes, Erin | MS | Aug. 2003 | The Use of Speech Disfluency as an Indicant of Paradigm Development in Pharmacy's Academic Subdisciplines |
| ➤ | Bunn, Michael | MS | May 2005 | Non-Thesis |
| ➤ | Naik, Shalini | MS | May 2007 | Evaluating the Cost-Effectiveness of Tiotropium in the Treatment of Chronic Obstructive Pulmonary Disease |
| ➤ | Markuss, Jason J. | MS | Aug. 2007 | Non-Thesis |
| ➤ | Conklin, Mark H. | MS | May 2008 | An Examination of Pharmacy Faculty Quality of Work Life: Work Satisfaction, Turnover Intentions and Self-Efficacy |
| ➤ | Shah, Neel | MS | May 2008 | Development and Construct Validation of the Pharmacists' Care of Migraineurs Scale |
| ➤ | Parekh, Hemangi | MS | May 2008 | Resource Utilization Among Inpatients with Rheumatoid Arthritis – An Analysis of 2002-2004 Healthcare Cost and Utilization Project Data |