

Scott Bolesta, PharmD, BCPS, FCCM

Department of Pharmacy Practice
Nesbitt College of Pharmacy and Nursing
Wilkes University
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Education and Training

Graduate Summer Institute of Epidemiology and Biostatistics

Bloomberg School of Public Health

July 3, 2015 The Johns Hopkins University Baltimore, MD

Focused Investigator Training (FIT) Program

July 2014 American College of Clinical Pharmacy Research Institute Athens, GA

Team Strategies to Enhance Performance and Patient Safety (STEPPS) Master Training

Funded by Agency for Healthcare Research and Quality (AHRQ)

August 2013 North Shore Long Island Jewish Health System New Hyde Park, NY

Critical Care Specialty Residency

ASHP Accredited

July 2001 – June 2002 University of Kentucky Medical Center Lexington, KY

Pharmacy Practice Residency

ASHP Accredited

July 2000 – June 2001 University of Arizona Medical Center Tucson, AZ

Doctor of Pharmacy

Nesbitt School of Pharmacy Wilkes University Wilkes-Barre, PA
May 2000

Academic Appointments

Associate Professor with Tenure

June 2011 – Present Wilkes University Wilkes-Barre, PA

Assistant Professor

August 2005 – June 2011 Wilkes University Wilkes-Barre, PA

Adjunct Assistant Professor

December 2004 – August 2005 Wilkes University Wilkes-Barre, PA

Professional Appointments

Researcher, Geisinger Center for Pharmacy Innovations and Outcomes

January 2016 – Present Geisinger Precision Health Center Forty-Fort, PA

Visiting Scientist, Geisinger Health System

July 2015 – December 2015 Genomic Medicine Institute Forty Fort, PA

Clinical Pharmacist, Internal Medicine/Critical Care

August 2005 – Present Regional Hospital of Scranton Scranton, PA

Clinical Pharmacist, Critical Care and Cardiovascular Medicine

May 2003 – July 2005 Geisinger Medical Center Danville, PA

Clinical Pharmacist, Critical Care

August 2002 – April 2003 Union Memorial Hospital Baltimore, MD

**Professional
Licenses/Certifications**

- Board Certified Pharmacotherapy Specialist (valid until December 2022)
- Registered Pharmacist: Pennsylvania
- Basic Life Support (expires, August 2016)

Awards and Honors

- Fellow of the American College of Critical Care Medicine: 2014
- Society of Critical Care Medicine Presidential Citation: 2009, 2012 – 2015
- American College of Clinical Pharmacy Volunteer Recognition: 2011, 2013
- Mylan Pharmaceuticals Inc. Excellence in Pharmacy Award, 2000
- The Rho Chi Society, Pharmaceutical Honor Society, 2000
- Graduated *Summa Cum Laude*, Wilkes University

Teaching Experience

Experiential Education

PHA 445, Introductory Pharmacy Practice Experience III, 2 credit hours, 1 student every two weeks, Regional Hospital of Scranton, Scranton, PA. Preceptor. Summer 2013 – Present.

PHA 440, Introductory Pharmacy Practice Experience II, 1 credit hour, 2 students each week, Regional Hospital of Scranton, Scranton, PA. Preceptor. Fall 2008 – Present.

PHA 510, Adult Internal Medicine Advanced Pharmacy Practice Experience, 6 credit hours, 2 students per rotation block, Regional Hospital of Scranton, Scranton, PA. Preceptor. Spring 2006 – Present.

PHA 599A, Clinical Research Advanced Pharmacy Practice Experience, 6 credits, 1 student, Regional Hospital of Scranton, Scranton, PA. Preceptor. Spring 2008 – Present.

PHA 403, Introduction to Pharmacy Practice Experience, 1 credit hour, 2 students each week, Mercy Hospital, Scranton, PA. Preceptor. Fall 2006 – Fall 2007.

PHA 599, Adult Critical Care Medicine Advanced Pharmacy Practice Experience, 6 credit hours, 1 student per rotation block, Geisinger Medical Center, Danville, PA. Preceptor. May 2004 – May 2005.

Didactic Education

PHA 401, Pharmaceutical Care Lab II, 1 credit hour, 72 students, Wilkes University, Nesbitt College of Pharmacy. Clinical Lab. Facilitator and Coordinator for the Physical Assessment series.

- “Physical Assessment of the Gastrointestinal and Hepatic Systems,” Fall 2006 – Present.
- Physical Assessment Practical, Fall 2006 – Present
- “Introduction to Physical Assessment,” Fall 2011

PHA 426, Pharmacotherapeutics IV: Pharmacotherapeutics of Gastrointestinal Disorders, 2 credit hours, 72 students, Wilkes University, Nesbitt College of Pharmacy. Lecture. Course Co-coordinator and Lecturer.

- “Peptic Ulcer Disease,” Spring 2008 – Present
- “Gastroesophageal Reflux Disease,” Spring 2008 – Present
- “Non-infectious Diarrhea,” Spring 2006 – Present
- “Constipation and Irritable Bowel Syndrome,” Spring 2006 – Present
- “Inflammatory Bowel Disease,” Spring 2006 – Present
- “Cirrhosis,” Spring 2006 – Present
- “Drug-Induced Liver Disease,” Spring 2006 – Present
- “Stress-Related Mucosal Disease,” Spring 2006 – Spring 2009
- “Upper GI Bleeding,” Spring 2008

PHA 503, Longitudinal Care I, 1 credit hour, 8 students, Wilkes University, Nesbitt College of Pharmacy. Longitudinal Experience. Facilitator. Fall 2005 – Fall 2007, Fall 2014

PHA 504, Longitudinal Care II, 1 credit hour, 8 students, Wilkes University, Nesbitt College of Pharmacy. Longitudinal Experience. Facilitator. Spring 2006 – Spring 2008; Spring 2012; Spring 2015

PHA 523, Pharmacotherapeutics VIII: Cardiovascular Disorders, 4 credit hours, 72 students, Wilkes University, Nesbitt College of Pharmacy. Lecture. Lecturer.

- “Coronary Artery Disease,” Fall 2013 – Present
- “Acute Coronary Syndromes,” Fall 2013 – Present
- “Cerebrovascular Accidents,” Fall 2013 – Present
- “Anticoagulation in the Acute Care Setting,” Fall 2013 – Present
- “Acute Heart Failure,” Fall 2013 – Present
- “Arrhythmias,” Fall 2013 – Present

PHA 525, Pharmacotherapeutics IX: Pharmacotherapeutics of Renal Disorders, 2 credit hours, 72 students, Wilkes University, Nesbitt College of Pharmacy. Lecture. Lecturer.

- “Acute Kidney Injury,” Fall 2005 – Present
- “Drug-Induced Kidney Disease,” Fall 2005 – Present
- “Drug Dosing in Kidney Disease,” Fall 2007 – Present
- “Sodium and Water Disorders,” Fall 2012
- “Fluids and Electrolytes,” Fall 2012
- Acid/Base Disorders,” Fall 2012
- Chronic Kidney Disease,” Fall 2012

PHA 534, Introduction to Hospital Pharmacy Practice, 2 credit hours, variable number of students, Wilkes University, Nesbitt College of Pharmacy. Lecture. Course Co-coordinator and lecturer. Fall 2008 – Present

PHA 502, Pharmaceutical Care Lab IV, 1 credit hour, 72 students, Wilkes University, Nesbitt College of Pharmacy. Clinical Lab. Facilitator.

- “Team STEPPS Communication Tools,” Spring 2015
- “Orientation to the Clinical Nursing Simulation Center,” Spring 2014
- “Pediatric Respiratory Simulation,” Spring 2014
- “Interdisciplinary Cardiovascular Care,” Spring 2012 – Spring 2013
- “Provision of Pharmaceutical Care During Respiratory Urgencies,” Spring 2012 – Spring 2013
- “Provision of Pharmaceutical Care During Patient Urgencies and Emergencies,” Spring 2011

BEGR 409, Introduction to Bioengineering, 3 credit hours, 9 students, Wilkes University, College of Science and Engineering. Lecture. Lecturer.

- “Bioengineering in Cardiac Surgery: Surgery or Mechanics.” Fall 2012 – Fall 2013.

PHA 411, Clinical Pharmacokinetics, 4 credit hours, 72 students, Wilkes University, Nesbitt College of Pharmacy. Lecture. Lecturer. Fall 2012.

PHA 501, Pharmaceutical Care Lab III, 1 credit hour, 72 students, Wilkes University, Nesbitt College of Pharmacy. Clinical Lab. Facilitator.

- “Congestive Heart Failure,” Fall 2005 – Fall 2011
- “Pharmacokinetics,” Fall 2007

NSG 533, Pharmacotherapeutics for Nurses, 3 credit hours, 16 students, Wilkes University, Nesbitt College of Pharmacy. Lecture. Lecturer.

- “Anemia,” Spring 2008
- “Constipation, Diarrhea and Irritable Bowel Syndrome,” Spring 2008
- “Gastroesophageal Reflux Disease and Peptic Ulcer Disease,” Spring 2006 – Spring 2008

PHA 403, Pharmaceutical Care Lab III, 1 credit hour, 65 students, Wilkes University, Nesbitt College of Pharmacy. Clinical Lab. Facilitator.

- “Pharmacokinetics,” Spring 2007 – Spring 2008

PHA 302, Pharmaceutical Care Lab I, 1 credit hour, 65 students, Wilkes University, Nesbitt College of Pharmacy. Clinical Lab. Facilitator.

- “Pharmacist-Patient Consultation Program,” Spring 2006

PHA 342, Pharmacology II, 2 credit hours, 22 students, Pennsylvania College of Technology, Physician Assistant Program. Lecture. Lecturer. “Coronary Artery Disease and Arrhythmias,” Spring 2005.

PHR 929, Contemporary Aspects of Pharmacy Practice II (CAPP II), 4 credit hours, 10 students, University of Kentucky, College of Pharmacy. Case discussion. Facilitator. Spring 2002.

PHR 959, Contemporary Aspects of Pharmacy Practice V (CAPP V), 7 credit hours, 88 students, University of Kentucky, College of Pharmacy. Lecture and Lab. Lecturer and Instructor. “Adult Cardiac Life Support,” Fall 2001.

PhPr 475a, Pharmacotherapeutics, 6 credit hours, 10 students, University of Arizona, College of Pharmacy. Case discussion. Facilitator. Spring 2001.

PhPr 475b, Pharmacotherapeutics, 6 credit hours, 10 students, University of Arizona, College of Pharmacy. Case discussion. Facilitator. Fall 2000.

Committee Appointments

Academic Committees

Wilkes University

Director of Sponsored Programs and Grant Support Search Committee	Spring 2014
Teacher Recognition and Effectiveness Committee	Fall 2011 – Summer 2014
- <i>Chair</i>	Fall 2013 – Spring 2014
Faculty Handbook Subcommittee of the Faculty Affairs Counsel	Fall 2011 – Fall 2012
- <i>Secretary</i>	Fall 2011 – Fall 2012
Faculty Handbook Committee	Summer 2011
Director of Admissions Search Committee	Spring 2011
Admissions and Financial Aid Committee	Fall 2008 – Spring 2011
- <i>Chair</i>	Fall 2010 – Spring 2011
- <i>Webmaster</i>	Fall 2009 – Spring 2011
Employee Compensation Committee	Spring 2008 – Spring 2010
Faculty Development Committee	Fall 2007 – Spring 2008

Nesbitt College of Pharmacy and Nursing

Student Affairs Committee	Fall 2012 – Summer 2014
Assessment Committee	Fall 2007 – Summer 2009
- <i>Chair</i>	Fall 2009 – Spring 2011
Curricular Mapping Task Force Committee	Fall 2010 – Spring 2011
Secretary, School of Pharmacy	Spring 2010
Loading Task Force Committee	Fall 2007 – Spring 2009
	Fall 2007 – Spring 2008

Hospital Committees

Regional Hospital of Scranton

Critical Care Committee	2006 – Present
Pharmacy and Therapeutics	2005 – Present

Geisinger Medical Center

Code Committee	2004 – 2005
Drug Use Evaluation Committee	2004 – 2005
Cardiac ICU Medication Safety Committee	2003 – 2005
Pharmacy and Therapeutics Committee	2003 – 2005

Union Memorial Hospital

Code Committee	2002 – 2003
Drug Use Evaluation Committee	2002 – 2003
Pharmacy and Therapeutics Committee	2002 – 2003

Professional Committees

American College of Clinical Pharmacy

– <i>Chair-Elect</i> , Critical Care Practice and Research Network	2016
– 2016 ACCP Task Force on Collaborative Research Opportunities	2016
– Critical Care Practice and Research Network, Critical Care Pharmacy Services Task Force	2015 – Present
– Critical Care Practice and Research Network, Program Committee	2013 – Present
– <i>Secretary/Treasurer</i> , Critical Care Practice and Research Network	2015
– 2015 Member Relations Committee	2015
– Critical Care Practice and Research Network, Research Committee	2013 – 2015
– 2013 Clinical Practice Affairs Committee	2013
– Critical Care Practice and Research Network, Communications Committee	2010 – 2012
– <i>Chair</i>	2012
– <i>Vice-Chair</i>	2011
Society of Critical Care Medicine	
– Research Network Task Force	2015 – Present
– Society of Critical Care Medicine Ethics Committee	2015 – Present
– Clinical Pharmacy and Pharmacology Section, Program Committee	2014 – Present
– Research Section, Communications Committee	2013 – Present
– <i>Chair</i>	2013 – Present
– Drug Shortages Committee	2012 – Present
– <i>Immediate Past Co-Chair</i>	2016
– <i>Co-Chair</i>	2012 – 2016
– <i>Member-at-Large</i> , Research Section	2013 – 2016
– Post-Graduate and Fellowship Education Committee	2010 – 2016
– Scientific Review Committee	2012 – 2015
– Clinical Pharmacy and Pharmacology Section, Patient Safety Committee	2011 – 2014
– Clinical Pharmacy and Pharmacology Section, Research Committee	2010 – 2012
– Clinical Pharmacy and Pharmacology Section, Communications Committee	2007 – 2010
– <i>Chair</i>	2009
– <i>Vice-Chair</i>	2008
The Wright Center for Graduate Medical Education	
Institutional Review Board	2012 – Present
Blue Cross Blue Shield of Northeastern Pennsylvania	
Pharmacy and Therapeutics Committee	2006 – 2015

Research Experience

Assessment of Medication Use Among Medically Complex Children

2015 – Present Geisinger Health System Danville, PA

Atrial Fibrillation Genetics (AFGen) Consortium

2015 – Present Geisinger Health System Danville, PA

Pharmacy Students' Knowledge, Attitude and Perceptions of Critical Care Pharmacy Practice

2015 – Present Wilkes University Wilkes-Barre, PA

Practices Surrounding the Identification, Prevention, and Treatment of Delirium in the Intensive Care Unit

2015 Regional Hospital of Scranton Scranton, PA

Application of the GRADE Criteria: Drug Combination-Associated Acute Kidney Injury

2015 University of Pittsburgh Pittsburgh, PA

Factors Motivating Pharmacy Students to Pursue or Not Pursue Residency or Fellowship Training

2015 Wilkes University Wilkes-Barre, PA

Effect of Preoperative Statin Use on the Incidence of Post-Operative Atrial Fibrillation after Aortic Valve Replacement

2014 Regional Hospital of Scranton Scranton, PA

Effect of Ascorbic Acid on the Incidence of Post-Operative Atrial Fibrillation in Patients Undergoing Cardiac Surgery

2011 – 2014 Regional Hospital of Scranton Scranton, PA

Current Trends in the Use of Stress Ulcer Prophylaxis in Critically Ill Patients: a Multicenter Study

2013 Regional Hospital of Scranton Scranton, PA

Effect of Lorazepam versus Morphine on Quality of Life in Hospice Patients with Dyspnea and Anxiety

2013 Regional Hospital of Scranton Scranton, PA

Effect of Omega-3 fatty Acids on the Incidence of Major Gastrointestinal Bleeding in Patients with a History of Major Gastrointestinal Bleeding

2012 – 2013 Regional Hospital of Scranton Scranton, PA

Facilitation of Interprofessional Education Among Student Health Professionals Using Human Patient Simulation

2012 Wilkes University Wilkes-Barre, PA

Effect of Statin Medications on the Incidence of Postoperative Atrial Fibrillation after Cardiac Valve Surgery

2012 Regional Hospital of Scranton Scranton, PA

Assessment of Health Literacy Training in Pharmacy Students

2012 Wilkes University Wilkes-Barre, PA

Prevalence and Factors Associated With Prolonged Empiric Antibiotic Therapy (PEAT) in the Intensive Care Unit

2011 Regional Hospital of Scranton Scranton, PA

Association of Post-Operative Atrial Fibrillation with Sodium Nitroprusside in Cardiac Surgery Patients

2010 – 2011 Regional Hospital of Scranton Scranton, PA

Association Between Proton Pump Inhibitor Therapy and *Clostridium difficile*-Associated Disease in the Critically Ill

2009 – 2010 Regional Hospital of Scranton Scranton, PA

A Multicenter Assessment of Sedation and Analgesia Practices for Critically Ill Adults Requiring Mechanical Ventilation

2009 Regional Hospital of Scranton Scranton, PA

Effectiveness of an Electrolyte Replacement Protocol in an Adult Intensive Care Unit

2008 – 2010 Regional Hospital of Scranton Scranton, PA

Association of Preoperative Statins with Acute Kidney Injury after Cardiac Surgery

2008 – 2009 Mercy Hospital Scranton, PA

Survey of Pharmacy Student Physical Assessment Skills and Impact of Instruction by Pharmacy Faculty

2007 – 2010 Wilkes University Wilkes-Barre, PA

Impact of Pharmacist Intervention on Stress Ulcer Prophylaxis Continued After Intensive Care Unit Discharge

2004 – 2005 Geisinger Medical Center Danville, PA

Heparin versus Low Molecular Weight Heparin for Prevention of Venous Thromboembolism in Patients Undergoing Elective Craniotomy for Tumor Resection

2001 – 2002 University of Kentucky Medical Center Lexington, KY

Use of Metoclopramide in Ileus and Feeding Tube Placement

2000 – 2001 University Medical Center Tucson, AZ

Grants and Funding

Bolesta S, Gutierrez LS, Kibbe AH, Kong F, Chen O. Advancing the Cardiovascular Science of Vitamin C: Determining its Pharmacokinetics and Pharmacodynamics during Cardiac Surgery to Prevent A. Fib. Submitted June 2015; National Heart Lung and Blood Institute. Amount requested: \$250,000 in direct costs. Submitted. Funding period: 06/01/2016-05/31/2018. Receiving agency/agent: Wilkes University. Not funded.

Bolesta S. Focused Investigator Training (FIT) Program scholarship, Research Institute, American College of Clinical Pharmacy. Submitted May 2014. Critical Care Practice and Research Network, American College of Clinical Pharmacy. Amount requested: \$3,750. Amount awarded: \$3,750. Funded. Funding period: July 2014.

Bolesta S, Koch LVon. Effect of Ascorbic Acid on the Incidence of Post-Operative Atrial Fibrillation in Patients Undergoing Cardiac Surgery. Submitted February 1, 2013. Wilkes University Faculty Development Committee. Amount requested: \$4,200. Amount awarded: \$4,200. Funded. Funding period: June 2013 – May 2014.

Bolesta S, Koch LVon. Effect of Ascorbic Acid on the Incidence of Post-Operative Atrial Fibrillation in Patients Undergoing Cardiac Surgery. Submitted September 12, 2012. Gustavus and Louise Pfeiffer Research Foundation. Amount requested: \$40,000. Not funded.

Publications

Print Peer-Reviewed Journal Articles

Bolesta S, Kong F. Effect of statins on the incidence of post-operative atrial fibrillation after cardiac valve surgery. *Pharmacotherapy*. 2015;33(11):998-1006.

Bolesta S, Aungst TD, Kong F. Effect of sodium nitroprusside on the occurrence of atrial fibrillation after cardiothoracic surgery. *Ann Pharmacother*. 2012;46:785-92.

Boruah PK, Bolesta S, Shetty SM. Possible lenalidomide-induced Stevens-Johnson syndrome during treatment for multiple myeloma. *Pharmacotherapy*. 2011;31(9):925.

Dager W, Bolesta S, Brophy G, Dell K, Gerlach A, Kristeller J, et al. An opinion paper outlining recommendations for training, credentialing, and documenting and justifying critical care pharmacy services. *Pharmacotherapy*. 2011;31(8):829.

Bolesta S, Uhrin LM, Guzek JR. Preoperative statins and acute kidney injury after cardiac surgery: utilization of a consensus definition of acute kidney injury. *Ann Pharmacother*. 2011 Jan;45(1):23-30.

Bolesta S, Roslund BP. Elevated hepatic transaminases associated with telithromycin therapy: a case report and literature review. *AJHP*. 2008;65:37-41.

Bolesta S, Erstad BL. Use of metoclopramide in ileus: a look at duration of therapy. *Hosp Pharm*. 2002;37:949-52.

Bolesta S, Haber SL. Hepatotoxicity associated with chronic acetaminophen administration in patients without risk factors. *Ann Pharmacother*. 2002;36:331-3.

Malinowski JM, Bolesta S. Rosiglitazone in the treatment of type 2 diabetes mellitus: a critical review. *Clin Ther*. 2000;22:1151-68.

Electronic Peer-Reviewed Journal Articles

Bolesta S, Chmil JV. Interprofessional education among student health professionals using human patient simulation. *Am J Pharm Educ*. 2014 June 17;78(5):Article 94. Available at:
<http://www.ajpe.org/doi/full/10.5688/ajpe78594>

Bolesta S, Trombetta DP, Longyhore DS. Pharmacist instruction of physical assessment for pharmacy students. *Am J Pharm Educ*. 2011 Mar 10;75(2):Article 29. Available at:
<http://www.ajpe.org/doi/full/10.5688/ajpe75229>

Print Non-Peer-Reviewed Journal Articles

Bolesta S. Author's reply. *Ann Pharmacother*. 2002 Sep;36(9):1482-1483. (Letter).

Abstracts

- Rivosecchi RM, Dasta JF, Kellum JA, Kane-Gill SL, Armahizer MJ, Bolesta S, et al. A Unique Application of the GRADE Criteria: Drug Combination-Associated AKI. *Crit Care Med.* 2015;43(12 Suppl):A975 (Abstract).
- Daubert E, Bolesta S. Effect of Lorazepam Versus Morphine on Quality of Life in Hospice Patients with Dyspnea and Anxiety. *J Am Pharm Assoc.* 2014;54:e76-e219 (Abstract).
- Bolesta S, Chmil JV. Facilitation of Interprofessional Education Among Student Health Professionals Using Human Patient Simulation. *Am J Pharm Educ.* 2013;77(5):68 (Abstract).
- Bolesta S, Kong F. Effect of Statin Medications on the Incidence of Postoperative Atrial Fibrillation After Cardiac Valve Surgery. *Crit Care Med.* 2012;40(12 Suppl):A977 (Abstract).
- Bolesta S. Using a High-Fidelity Simulation Mannequin to Foster Pharmacy Student Collaborative Care. *Am J Pharm Educ.* 2012;76(5):99 (Abstract).
- Brady JP, Foote EF, Bolesta S. Assessment of Health Literacy Training in P1 Pharmacy Students. *Am J Pharm Educ.* 2012;76(5):99 (Abstract).
- Bolesta S, Kong F, Aungst TD. Effect of sodium nitroprusside on the occurrence of atrial fibrillation after cardiothoracic surgery. *Crit Care Med.* 2011;39(12 Suppl):A262 (Abstract).
- Bolesta S, Trombetta DP, Longyhore DS. Pharmacy students' perceived value of physical assessment instruction by nursing or pharmacy faculty. *Am J Pharm Educ.* 2010;74(5):96 (Abstract).
- Bolesta S, Guzek J, Uhrin L. Association of preoperative statins with acute kidney injury after cardiac surgery: utilization of a consensus definition of acute kidney injury. *Crit Care Med.* 2009;37(12 Suppl):A201 (Abstract).
- Bolesta S. Scoring variability using a standardized evaluation form for a physical assessment practical. *Am J Pharm Educ.* 2009;73(4):55 (Abstract).
- Bolesta S, Longyhore DS, Kang SK. Pharmacy student survey of physical assessment instruction and experience. *Am J Pharm Educ.* 2008;72(3):46 (Abstract).

Book Chapters

- Bolesta S. Acute kidney injury. In: Schwinghammer TL, Koehler JM, eds. *Pharmacotherapy Casebook: A Patient-Focused Approach.* 9th ed. New York: McGraw-Hill, 2014. 157-158.
- Bolesta S, Montgomery PA. Pancreatitis. In: DiPiro JT, Talbert RL, Yee GC, et al, eds. *Pharmacotherapy: A Pathophysiologic Approach.* 9th ed. New York: McGraw-Hill, 2014. 565-582.
- Cooper BE, Bolesta S. Implementation of medication safety measures. In: Papadopoulos J, Cooper BE, Kane-Gill SL, et al, eds. *Drug Induced Complications in the Critically Ill Patient: A Guide for Recognition and Treatment.* Mount Prospect, IL: Society of Critical Care Medicine, 2012. 439-48.
- Bolesta S. Acute kidney injury. In: Schwinghammer TL, Koehler JM, eds. *Pharmacotherapy Casebook: A Patient-Focused Approach.* 8th ed. New York: McGraw-Hill, 2011. 151-3.
- Bolesta S, Montgomery PA. Pancreatitis. In: DiPiro JT, Talbert RL, Yee GC, et al, eds. *Pharmacotherapy: A Pathophysiologic Approach.* 8th ed. New York: McGraw-Hill, 2011. 669-84.

Bolesta S, Bendayan R. Acute kidney injury. In: Schwinghammer TL, Koehler JM, eds. *Pharmacotherapy Casebook: A Patient-Focused Approach*. 7th ed. New York: McGraw-Hill, 2008. 133-35.

Bolesta S, Foote EF. Contrast-induced nephropathy. In: Dunsworth T, Richardson M, Cheng J, et al, eds. *Pharmacotherapy Self-Assessment Program*, 6th ed. Nephrology. Lenexa, KS: American College of Clinical Pharmacy, 2007:73-90.

Electronic Newspaper Article

Bolesta S. Vasopressin in septic shock: the old and the new. *Society of Critical Care Medicine Clinical Pharmacy and Pharmacology Section Newsletter*. 2007; 7(4):4-6. Available at:
<http://www.sccm.org/SiteCollectionDocuments/PPP%20NL%20October%202007.pdf>

Print Non-Peer-Reviewed Journal Article

Bolesta S. Questions & answers. Avandia and URIs. *Diabetes Self-Management*. 2007;24(1):69.

Presentations

Podium

Charting the Course for ICU Pharmacy Practice: An Update on the Position Paper on Critical Care Pharmacy Practice. Society of Critical Care Medicine 44th Annual Critical Care Congress, Clinical Pharmacy and Pharmacology Section Pre-Congress Symposium. Orlando, FL; February 20, 2016.

Treatment of *C. difficile*: Is There More Than Vancomycin and Metronidazole? Society of Critical Care Medicine 43rd Annual Critical Care Congress. Phoenix, AZ; January 19, 2015.

Geriatrics. Society of Critical Care Medicine 42nd Annual Critical Care Congress. San Juan, PR; January 23, 2013.

Anticoagulants: when to give and when to hold. Society of Critical Care Medicine 41st Annual Critical Care Congress. Houston, TX; February 7, 2012.

Gastroesophageal reflux disease: causes, complications and treatment. Pennsylvania Pharmacists Association Annual Meeting. Valley Forge, PA; August 11, 2006.

Paper/Oral Abstract

Heparin compared to low molecular weight heparin for prevention of venous thromboembolism in patients undergoing elective craniotomy for tumor resection. Southeastern States Residency Conference. Athens, GA; April 25, 2002.

Proper use of metoclopramide in ileus and feeding tube placement. Western States Regional Residency Conference. Asilomar, CA; May 8, 2001.

Panel

Precepting pearls. Nesbitt School of Pharmacy Preceptor Development Conference. Wilkes-Barre, PA; September 12, 2006.

Round Table Facilitator

- Career Options in Critical Care Pharmacy Practice. American College of Clinical Pharmacy Annual Meeting. San Francisco; October 18, 2015.
- Career Options in Critical Care Pharmacy Practice. American College of Clinical Pharmacy Annual Meeting. Austin, TX; October 12, 2014.
- Dosing challenges in patients with renal insufficiency. Pennsylvania Society of Health-System Pharmacists Annual Meeting. Lancaster, PA; October 23, 2009.
- Low molecular weight heparin: dosing considerations for special populations. Pennsylvania Society of Health-System Pharmacists Annual Meeting. Lancaster, PA; October 23, 2009.

Peer-Reviewed Poster

- Rivosecchi RM, Dasta JF, Kellum JA, Kane-Gill SL, Armahizer MJ, Bolesta S, et al. A Unique Application of the GRADE Criteria: Drug Combination-Associated AKI. Society of Critical Care Medicine 45th Annual Critical Care Congress. Orlando, FL; February 21, 2016.
- Paciullo CA, Bolesta S, Smithburger PL. A Poster Walk Rounds at the ACCP Annual Meeting: Surveying for Success. American College of Clinical Pharmacy Global Conference on Clinical Pharmacy. San Francisco, CA; October 21, 2015.
- Daubert E, Bolesta S. Effect of Lorazepam Versus Morphine on Quality of Life in Hospice Patients with Dyspnea and Anxiety. American Pharmacists Association Annual Meeting and Exposition. Orlando, FL; March 29, 2014.
- Bolesta S, Chmil JV. Facilitation of Interprofessional Education Among Student Health Professionals Using Human Patient Simulation. American Association of Colleges of Pharmacy Annual Meeting. Chicago, IL; July 14, 2013.
- Bolesta S, Chmil JV. Facilitation of Interprofessional Education Among Student Health Professionals Using Human Patient Simulation. Northeastern/Central Pennsylvania Interprofessional Education Coalition Faculty Development Program. Scranton, PA; May 21, 2013.
- Bolesta S, Kong F. Effect of Statin Medications on the Incidence of Postoperative Atrial Fibrillation After Cardiac Valve Surgery. Society of Critical Care Medicine 42nd Annual Critical Care Congress. San Juan, PR; January 23, 2013.
- Bolesta S. Using a High-Fidelity Simulation Mannequin to Foster Pharmacy Student Collaborative Care. American Association of Colleges of Pharmacy Annual Meeting. Kissimmee, FL; July 15, 2012.
- Brady JP, Foote EF, Bolesta S. Assessment of Health Literacy Training in P1 Pharmacy Students. American Association of Colleges of Pharmacy Annual Meeting. Kissimmee, FL; July 15, 2012.
- Bolesta S, Kong F, Aungst TD. Effect of sodium nitroprusside on the occurrence of atrial fibrillation after cardiothoracic surgery. Society of Critical Care Medicine 41st Annual Critical Care Congress. Houston, TX; February 5, 2012.
- Bolesta S, Trombetta DP, Longyhore DS. Pharmacy students' perceived value of physical assessment instruction by nursing or pharmacy faculty. American Association of Colleges of Pharmacy Annual Meeting and Seminars. Seattle, WA; July 11, 2010.
- Bolesta S, Guzek JR, Uhrin LM. Association of preoperative statins with acute kidney injury after cardiac surgery: utilization of a consensus definition of

acute kidney injury. Society of Critical Care Medicine 39th Annual Critical Care Congress. Miami, FL; January 10, 2010.

Bolesta S. Scoring variability using a standardized evaluation form for a physical assessment practical. American Association of Colleges of Pharmacy Annual Meeting and Seminars. Boston, MA; July 19, 2009.

Bolesta S, Longyhore DS, Kang S. Pharmacy student survey of physical assessment instruction and experience. American Association of Colleges of Pharmacy/Canadian Association of Faculties of Pharmacy Annual Meeting and Seminars. Chicago, IL; July 20, 2008.

Bolesta S, Erstad BL. Proper use of metoclopramide in ileus and feeding tube placement. Arizona Society of Health System Pharmacists Annual Meeting. Tucson, AZ; July 14, 2001.

Bolesta S, Erstad BL. Proper use of metoclopramide in ileus and feeding tube placement. American Society of Health-System Pharmacists Midyear Clinical Meeting. New Orleans, LA; December 6, 2001.

Guharoy R, Choi S, Schachater JM, Bolesta S, Rosher P. Impact of pharmacy participation in infectious disease management team on cost avoidance and clinical outcome in a tertiary care teaching institution. American Society of Health-System Pharmacists Midyear Clinical Meeting. Las Vegas, NV; December 4, 2000.

Non-Peer-Reviewed Poster

Bailey BJ, Painter JT, Devlin J, Oyler D, Branan TN, Barletta J et al. Perceived motivating factors and barriers for the completion of postgraduate training in American pharmacy students. American Society of Health-System Pharmacists Midyear Clinical Meeting. New Orleans, LA; December 7, 2015.

Thudium EM, Bolesta S, Steinhubl S. Effect of omega-3 fatty acids on the incidence of major gastrointestinal bleeding in patients with a history of major gastrointestinal bleeding. American Society of Health-System Pharmacists Midyear Clinical Meeting. Las Vegas, NV; December 2, 2012.

Reichert JA, Bolesta S. Effect of ascorbic acid on the incidence of postoperative atrial fibrillation in patient undergoing cardiac surgery. American Society of Health-System Pharmacists Midyear Clinical Meeting. New Orleans, LA; December 6, 2011.

Aungst TD, Bolesta S. Effect of sodium nitroprusside on the incidence of post-operative atrial fibrillation after cardiothoracic surgery. American Society of Health-System Pharmacists Midyear Clinical Meeting. Anaheim, CA; December 6, 2010.

Guintier J, Bolesta S. Association between proton pump inhibitor therapy for stress ulcer prophylaxis and *Clostridium difficile*-associated disease in critically ill patients. American Society of Health-System Pharmacists Midyear Clinical Meeting. Las Vegas, NV; December 6, 2009.

Schneider LM, Bolesta S. Effect of pre-operative statins on acute kidney injury (AKI) following cardiothoracic surgery. American Society of Health-System Pharmacists Midyear Clinical Meeting. Orlando, FL; December 7, 2008.

Poster Moderator

American College of Clinical Pharmacy Annual Meeting. Critical Care Practice and Research Network Poster Walk Rounds. October 20, 2015.

American College of Clinical Pharmacy Annual Meeting. Critical Care Practice and Research Network Poster Walk Rounds. October 13, 2014.

Society of Critical Care Medicine 43rd Annual Critical Care Congress. Renal and Endocrine 2 Category; poster #s 984 – 993. January 11, 2014.

Society of Critical Care Medicine 42nd Annual Critical Care Congress. Renal 1 Category; poster #s 465 – 472. January 21, 2013.

Continuing Education Program

NECPA IPEC 2015 Faculty Development: Enhancing Interprofessional Communication. The Commonwealth Medical College. Scranton, PA; May 20, 2015.

Medication Therapy for Patient Care: Can We Act Affordably?. Grand Rounds, Regional Hospital of Scranton. Scranton, PA; October 3, 2014.

The What, When and What if of the Novel Oral Anticoagulants. Grand Rounds, Regional Hospital of Scranton. Scranton, PA; June 8, 2012.

Antiplatelet agents in vascular disease: the good, the bad and the ugly. Wilkes University. Wilkes-Barre, PA; March 3, 2009.

Medication errors: an update. Grand Rounds, Mercy Hospital. Scranton, PA; January 19, 2007.

Patient safety and medication errors in the ICU. Critical Care Journal Club, Moses Taylor Hospital. Scranton, PA; August 17, 2006.

Pharmacy jeopardy. Grand Rounds, Mercy Hospital. Scranton, PA; February 17, 2006.

Surviving sepsis campaign. Medicine Grand Rounds, Geisinger Medical Center. Danville, PA; January 7, 2005.

Heparin-induced thrombocytopenia and antibiotics in the critical care setting. Department of Surgery Grand Rounds, Geisinger Medical Center. Danville, PA; March 5, 2004.

Prevention of deep vein thrombosis in neurosurgical patients. Pharmacy Grand Rounds, University of Kentucky. Lexington, KY; October 12, 2001.

Alternative agents for patients with heparin-induced thrombocytopenia. Pharmacy Grand Rounds, University Medical Center. Tucson, AZ; November 6, 2000.

Reviewer/Referee

Grants

- Society of Critical Care Medicine *Vision Grant* 2012 – 2014

Book Chapters

- 2015: Updates in Therapeutics: Critical Care Pharmacy Preparatory Course. One chapter reviewed.
- 2013: Core Curriculum for Critical Care Nursing. 7th ed. Two chapters reviewed.
- 2008: Chisholm-Burns MA, Wells BG, Schwinghammer TL, et al, eds. Pharmacotherapy Principles and Practice. 2nd ed. New York: McGraw Hill, 2009. 387-402. Two chapters reviewed.

Journals

- *Journal of Interprofessional Care* 2016

- *American Journal of Pharmaceutical Education* 2011 – 2013, 2015
- *Clinical Journal of the American Society of Nephrology* 2015
- *Currents in Pharmacy Teaching and Learning* 2013, 2015
- *Journal of Critical Care* 2013 – 2015
- *Annals of Pharmacotherapy* 2012
- *American Journal of Health-System Pharmacy* 2009, 2010

Meeting Abstracts

- Society of Critical Care Medicine 42nd Annual Critical Care Congress 2012

External Dossier Reviews

- 2014: Department of Pharmacy and Therapeutics, University of Pittsburgh School of Pharmacy
- 2012: Department of Pharmacy Practice and Pharmacy Administration, University of the Sciences, Philadelphia, Pennsylvania.

Professional Organization Service

- Reviewer, American College of Clinical Pharmacy Student Travel Awards 2014, 2015

Other

- Cochrane Database of Systematic Reviews*, Cochrane Heart Group 2011

MUEs and Policy and Protocol Development

- February 20, 2008. Adult alcohol withdrawal protocol. Protocol. Mercy Hospital. Scranton, PA.
- March 22, 2007. ICU electrolyte replacement protocol. Protocol/Order Set. Mercy Hospital. Scranton, PA.
- October 10, 2004: Intravenous pantoprazole. Medication Use Evaluation. Geisinger Medical Center. Danville, PA.
- February 24, 2003: ICU insulin protocol. Protocol. Union Memorial Hospital. Baltimore, MD.
- January 22, 2003: Vasopressin for septic shock. Hospital Policy. Union Memorial Hospital. Baltimore, MD.
- January 10, 2003: Use criteria for intravenous pantoprazole in stress ulcer prophylaxis. Hospital Policy. Union Memorial Hospital. Baltimore, MD.
- October 4, 2002: Use criteria for intravenous chlorothiazide (Diuril[®] IV). Hospital Policy. Union Memorial Hospital. Baltimore, MD.
- June 1, 2001: Danaparoid sodium and lepirudin. Medication Use Evaluation. University Medical Center. Tucson, AZ.

Professional Affiliations

- The United States Critical Illness and Injury Trials Group 2012 – Present
- Critical Care Pharmacy Trials Network 2007 – Present
- American Association of Colleges of Pharmacy 2005 – Present

- Society of Critical Care Medicine 2001 – Present
 - *Research Section* 2013 – Present
 - *Clinical Pharmacy and Pharmacology Section* 2002 – Present
- American Society of Health-System Pharmacists 1997 – Present
 - *Section of Clinical Scientists and Specialists* 2002 – Present
 - *Faculty Liaison, Wilkes University Student Chapter* 2008 – 2014
- American College of Clinical Pharmacy 1997 – Present
 - *Practice-Based Research Network* 2010 – Present
 - *Critical Care Practice and Research Network* 2001 – Present
- Kappa Psi Pharmaceutical Fraternity, Incorporated 1997 – Present
- Pennsylvania Society of Health-System Pharmacists 2003 – 2006
1999 – 2000
 - *President, North-Central chapter* June 2005 – May 2006

Community Service and Volunteerism

- Travel Medicine at Wilkes Employee Health Fair with ASHP student chapter March 25, 2014
- Heart Health Awareness with the American Pharmacists Association – Association of Student Pharmacists February 7, 2013
- Travel Medicine at Wilkes Employee Health Fair with ASHP student chapter March 27, 2012
- National Community Pharmacists Association Blood Pressure Screening March 13, 2012
- National Community Pharmacists Association Blood Pressure Screening November 8, 2011
- Invited Speaker for Mended Hearts patient support group, Scranton Chapter, Regional Hospital of Scranton, Scranton, PA August 18, 2011
- Breast Cancer Awareness at Wilkes Employee Health Fair with ASHP student chapter March 22, 2011
- Invited Speaker for Mended Hearts patient support group, Scranton Chapter, Mercy Hospital, Scranton, PA June 2009
- Nesbitt School of Pharmacy Community Brown Bag December 2006
- Community Heartburn Screening with ASHP student chapter November 2006
- National Pharmacy Week at Union Memorial Hospital October 2002

References

Available upon request