

Carla Bouwmeester, RPh, MS, PharmD, BCPS, BCGP, FASCP

CONTACT INFORMATION

Academic	Northeastern University Bouvé College of Health Sciences School of Pharmacy 140 The Fenway (R218) 360 Huntington Avenue Boston, MA 02115 (617) 373-8937 c.bouwmeester@northeastern.edu	Clinic Site	Elder Service Plan Harbor Health Services, Inc 1135 Morton Street Mattapan, MA 02126 (617) 533-2400 x3530 cbouwmeester@hhsi.us
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EDUCATION

1998-2002	Massachusetts College of Pharmacy and Health Sciences , Boston, MA Doctor of Pharmacy (<i>Magna Cum Laude</i>)
1994-1996	Simmons College , Boston, MA Master of Science in Library and Information Science
1990-1994	University of California, Berkeley , Berkeley, CA Bachelor of Arts in Molecular and Cell Biology (<i>Graduation with Distinction</i>)

POST-GRADUATE EDUCATION

2016-2017	Emerging Leaders in Aging Scholar Sponsored by Tideswell at UCSF, American Geriatrics Society (AGS), and the Association of Directors of Geriatric Academic Programs (ADGAP)
2013-2014	Bouvé Interprofessional Geriatric Education Faculty Fellowship Sponsored by the Interprofessional Geriatric Education for Team Based Care HRSA grant 1 D62HP24189-01-00
2002-2003	PGY1 Pharmacy Practice Residency, Massachusetts General Hospital , Boston, MA <i>Rotations completed:</i> General Medicine, Pediatrics, Pediatric Intensive Care Unit, Cardiology, Psychiatry, Preceptor for General Medicine, Emergency Department, Anesthesiology, Ambulatory Oncology

WORK EXPERIENCE

2014-present	Associate Clinical Professor , Northeastern University
2007-2014	Assistant Clinical Professor , Northeastern University
2007-present	Geriatric Clinical Pharmacist , Elder Service Plan of Harbor Health Services Inc.
2005-2007	Assistant Director of Educational Affairs , American Society of Consultant Pharmacists
2004-2006	Clinical Preceptor , Massachusetts College of Pharmacy and Health Sciences Non-traditional Doctor of Pharmacy Program (distance learning program)
2003-2005	Attending Pharmacist , Massachusetts General Hospital
2000-2002	Pharmacy Intern , Osco Drug Pharmacy

PUBLICATIONS: PEER REVIEWED

Khodyakov D, Ochoa A, Olivieri-Mui BL, **Bouwmeester C**, Zarowitz BJ, Patel M, Ching D, Briesacher B. Screening Tool of Older Person's Prescriptions/Screening Tools to Alert Doctors to Right Treatment Medication Criteria Modified for U.S. Nursing Home Setting. *J Am Geriatr Soc*. 2017 Mar;65(3):586-591.

Bouwmeester C, Kraft J, Bungay KM. Optimizing inhaler use by pharmacist-provided education to community-dwelling elderly. *Respiratory Medicine*. 2015 Oct;109(10):1363-8. doi 10.1016/j.rmed.2015.07.013. Epub 2015 Jul 20. PubMed PMID: 26341546.

Bouwmeester C. "Monitoring Pharmacotherapy in Older Adults" *GeriatricPharmacyReview.com*. Available at URL: <http://www.geriatricpharmacyreview.com>. American Society of Consultant Pharmacists: Alexandria, VA; 2013.

Bouwmeester C, Chim C. Pharmacist-managed oral anticoagulation therapy in the community setting. *The Consultant Pharmacist*. 2013;28(5):280-93.

Bouwmeester C. The PACE program: Home-based long-term care. *The Consultant Pharmacist*. 2012;27(1):24-30.

Bouwmeester C. "Module 20: Complementary Medicine." *GeriatricPharmacyReview.com*. Available at URL: <http://www.geriatricpharmacyreview.com>. American Society of Consultant Pharmacists: Alexandria, VA; 2009.

Bouwmeester C. Surveying physicians' attitudes about herbal supplements, resources, and pharmacy consultations. *Journal of Pharmacy Technology*. 2005; 21: 247-53.

PUBLICATIONS: BOOKS/BOOK CHAPTERS

Bouwmeester C. *Senior Care Pharmacy Services: PACE (Program of All-Inclusive Care for the Elderly)*. In Meyer, M, ed. *Senior Care Pharmacy: Resources & Tools For Building A Successful Practice*. 2nd edition. Alexandria, VA: American Society of Consultant Pharmacists; 2017 (in press).

Blaszczyk A, Estus E, **Bouwmeester C**, Emptage R, Lee J, Mahan R, Slattum P, Vouri S, Brodeur M, Niehoff K. *Geriatric Pharmacy Curriculum Guide*. 3rd edition. American Society of Consultant Pharmacists: Alexandria, VA; 2014.

Bouwmeester C, Brodeur MR. Geriatrics. In: Soric M, ed. *Maximize Your Rotations: ASHP's Student Guide to IPPEs, APPEs, and Beyond*. Bethesda, MD: American Society of Health-System Pharmacists, Inc.; 2013:223-42.

Bouwmeester C. PACE: Programs of All-inclusive Care for the Elderly. In Meyer M, ed. *Senior Care Pharmacy: Resources & Tools For Building A Successful Practice*. Alexandria, VA: American Society of Consultant Pharmacists; 2012:77-81.

Bouwmeester C, editor. *Geriatric Medication Handbook*. American Society of Consultant Pharmacists: Alexandria, VA. 8th edition (2007), 9th edition (2008), 10th edition (2011), 11th edition (2013), 13th edition (2016).

Bouwmeester C, editor. *Medication Class Side Effects Index*. American Society of Consultant Pharmacists: Alexandria, VA. 11th edition through 14th edition (2011-2016).

Bouwmeester C, editor. *Brand/Generic and Medication Class Index*. 11th edition. American Society of Consultant Pharmacists: Alexandria, VA; 2010.

Beizer JL, Brandt NJ, Brodeur MR, Jeffery SM, Plein JB, Stratton MA, **Bouwmeester C**, D'Antonio PM. *Geriatric Pharmacy Curriculum Guide*. 2nd ed. American Society of Consultant Pharmacists: Alexandria, VA; 2007.

Bouwmeester C, editor. *Policy and Procedures: Pharmacy Services for Nursing Facilities*. American Society of Consultant Pharmacists: Alexandria, VA; 2006.

PUBLICATIONS: INVITED/NOT PEER REVIEWED

Bouwmeester C, editor. *Medication Profile Form: Medication Class Side Effects Reference*. American Society of Consultant Pharmacists: Alexandria, VA; 2014.

Sherman RE, **Bouwmeester C**. A review of complementary and alternative medicine resources. *American Association of Colleges of Pharmacy Self-Care Therapeutics/Nonprescription Medicines Newsletter*. 2010;March(1):5-6.

Bouwmeester C. Hot Topics in Geriatrics. *The Consultant Forum: The Official Newsletter of the Massachusetts Chapter of ASCP*. 2008;1(1):2-3.

Bouwmeester C. Answering the herbal quandary. *Massachusetts General Hospital, Drug Therapy* [online newsletter]. September 2003; volume 12, issue 9.

Whelan J, **Tucker C (maiden name)**. *Foreign Drug Identification Sources: Bibliography*. Booklet produced by the Massachusetts College of Pharmacy and Health Sciences, Instructional Resources Department. Boston, 1995.

PRESENTATIONS: PEER REVIEWED

Kim Y, Kranz D, Rabino S, **Bouwmeester C**. Case series assessing the safety and efficacy of nitrofurantoin to treat urinary tract infections (UTIs) in elderly patients with renal dysfunction. *Journal of the American Geriatrics Society* 2016;64: S221. doi: 10.1111/jgs.14231. Poster presentation at: American Geriatrics Society (AGS) Annual Meeting. Long Beach, CA. May 20, 2016.

Bouwmeester C, Bhutta W. Poisoning trends and medication safety for older adults. **Invited platform presentation** at: Aging with Dignity XX: A Conference on Preventing and Responding to Substance Use and Related Problems in Older Adults. Massachusetts Department of Public Health. Worcester, MA. June 3, 2015.

Bass M, **Bouwmeester C**, Godbout C. Student involvement and advanced practice training in the PACE model of care: Benefits for students, the PACE team, and participants. **Platform presentation** at: National PACE Association Annual Conference. Philadelphia, PA. October 19, 2015.

Blaszczyk A, Estus E, **Bouwmeester C**, Brodeur M, Emptage R, Mahan R, Neihoff K, Lee J. Using the New ASCP Geriatric Pharmacy Curriculum Guide: A Brand New Approach to Seeking Professional Competency in Geriatrics. **Platform presentation** at: American Society of Consultant Pharmacists (ASCP) Annual Meeting. Las Vegas, NV. October 31, 2015.

Bouwmeester C, Ermakova A*, Bungay K. Development of a fall risk assessment tool for communitydwelling, frail adults in an urban PACE (Program of All-inclusive Care for the Elderly) program. *The Consultant Pharmacist*. 2015;30(10):565. Poster presentation at: American Society of Consultant Pharmacists (ASCP) Annual Meeting. Las Vegas, NV. October 31, 2015.

Blaszczyk A, Estus E, **Bouwmeester C**, Emptage R, Lee J, Mahan R, Slattum P, Vouri S, Brodeur M, Niehoff K. Developing a Geriatric Pharmacy Curriculum Guide, 3rd Edition. Poster presentation at: American Geriatrics Society Annual Meeting. National Harbor, MD. May 2015.

Blaszczyk A, Estus E, Brodeur M, **Bouwmeester C**, Emptage R, Lee J, Mahan R, Neihoff K, Slattum P, Vouri S. Developing a geriatric pharmacy curriculum guide, 3rd edition. *The Consultant Pharmacist*. 2015;30(10):564. Poster presentation at: American Society of Consultant Pharmacists (ASCP) Annual Meeting. Las Vegas, NV. October 31, 2015.

Huffman C, Naidjate S, Turner J, **Bouwmeester C**, Van Amburgh J, Reid D, Conley M, Matta T, Bungay K. Impact of a Pharmacist on REducing use of PROton Pump InHIBitors (RE-PROHIBIT) in High Risk Elderly Populations in an Ambulatory Care Setting. Poster presentation at: ASHP Midyear Meeting, New Orleans, LA: December 9, 2015.

Thein A, Aranda J, Cillessen L, Conley M, Reid D, **Bouwmeester C**, Matta T, Van Amburgh J, Bungay K. The best interventions in lipid-lowering (BILL) study: an observational study of pharmacist-driven recommendations to optimize dyslipidemia therapy. Poster presentation at: ASHP Midyear Meeting, New Orleans, LA: December 9, 2015.

Bouwmeester C, Mann J, Otto K, Vouri S. *Poster finalist's platform presentation. Invited platform presentation* at: American Society of Consultant Pharmacists Annual Meeting. Orlando, FL. November 7, 2014.

Bouwmeester C, Mandal S*, Bungay K. Evaluation of a tool to predict fall risk among community-dwelling, frail adults enrolled in a PACE (Program of All-inclusive Care for the Elderly) program. *The Consultant Pharmacist*. 2014;29(10):679. Abstract accepted for poster presentation at: American Society of Consultant Pharmacists (ASCP) Annual Meeting. Orlando, FL. November 6, 2014.

Bouwmeester C, Kraft J*, Bungay K. Optimizing inhaler use by pharmacist-provided education to community-dwelling elderly in a PACE Program. *The Consultant Pharmacist*. 2014;29(10):683. Poster presentation at: American Society of Consultant Pharmacists (ASCP) Annual Meeting. Orlando, FL. November 6, 2014. Encore presentation.

Kraft J*, **Bouwmeester C**, Bungay K. Optimizing inhaler use by pharmacist-provided education to community-dwelling elderly in a PACE Program. *Journal of the American Geriatrics Society*. 2014;62(supplement 1):S116. Poster presentation at: American Geriatrics Society (AGS) Annual Meeting. Orlando, FL. May 15, 2014.

Aranda J*, Cillessen L*, Thein A*, Conley M, Reid D, **Bouwmeester C**, Matta T, Van Amburgh J, Bungay K. *The best interventions in lipid-lowering (BILL) study: an observational study on pharmacist-driven recommendations to optimize dyslipidemia therapy*. Poster presentation at: 49th ASHP Midyear Clinical Meeting & Exhibition. Anaheim, CA. December 10, 2014.

Bungay K, **Bouwmeester C**, Conley M, Jacobs M, Matta T, Miller D, Reid D, Thompson T, Van Amburgh J on behalf of NUSOP. *A portfolio of innovative community activities from Northeastern University School of Pharmacy (NUSOP)*. Poster presentation at: American Association of Colleges of Pharmacy (AACP) Annual Meeting. Grapevine, TX. July 26, 2014.

Conley M, **Bouwmeester C**, Chim C, Reid D, Bungay K. *Use of problem based learning techniques in ambulatory care advanced pharmacy practice experiences*. Poster presentation at: American College of Clinical Pharmacy (ACCP) Virtual poster symposium. May 20, 2014.

Ofofiele C*, Thompson T*, Juengel K*, Conley M, Reid D, **Bouwmeester C**, Van Amburgh J, Bungay K. Pharmacist-led intervention to increase hepatitis B vaccination rates in adults with diabetes in two patient-centered medical homes. Poster presentation at: 19th Annual Massachusetts Adult Immunization Conference taking place May 20, 2014 at the DCU Center in Worcester, MA.

Barber A, **Bouwmeester C**, Bray B, Finnin M, Klotz RS, Meyer MJ. *The who, the what, and the how to build a successful clinical practice. Invited platform presentation* at: American Society of Consultant Pharmacists Spring Conference and Exhibition. Orlando, FL. May 15, 2013.

Chim C, Falinski J, **Bouwmeester C**, VanAmburgh J. Assessment of guideline concordant care in post-MI patients within a medical home model care setting. Poster presented at: American Pharmacists Association (APhA) Annual Meeting & Exposition. Los Angeles, CA. March 1-4, 2013.

Thompson T, Ofofiele C, Juengel K, VanAmburgh J, Reid D, **Bouwmeester C**, Conley M, Bungay K. Pharmacist intervention to increase hepatitis B vaccination rates in adults with diabetes in two patient centered medical homes. Poster presentation at: 48th ASHP Midyear Clinical Meeting & Exhibition. Orlando, FL. December 9, 2013.

Bouwmeester C, Chim C, Kraft J, Scheele P. Herpes zoster vaccination of community-based seniors: Strategies applied by an interdisciplinary PACE team. *Journal of the American Geriatrics Society*. 2013;61:S67. Poster presentation at: American Geriatrics Society (AGS) Annual Meeting. Grapevine, TX. May 3, 2013.

Bouwmeester C, Chim C, Kraft J, Scheele P. Herpes Zoster Vaccination Within a PACE Model of Care: Strategies and Program Implementation. Poster presentation at: American Society of Consultant Pharmacists (ASCP) Annual Meeting. Seattle, WA. November 16, 2013. Encore presentation with updated information

Meyer K, Estus E, **Bouwmeester C**, et al. *Oh, the Places You'll Go: A Showcase of Geriatric Practice Opportunities*. **Invited platform presentation** at: American Society of Consultant Pharmacists Annual Meeting and Exhibition. National Harbor, MD. November 8, 2012.

Bungay K, **Bouwmeester C**, Chim C, Conley M, Furtek K, Jacobs M, McQueeney M, Pham N, Reid D, Sherman R, Van Amburgh J. Formation of the Northeastern University, School of Pharmacy, Society of Ambulatory Care. Poster presented at: New England Pharmacists Convention Mashantucket, CT: September 2012.

Bouwmeester C, Chen H. Assessment of antedementia medication prescribing patterns in a community setting according to a proposed treatment algorithm in a PACE program. *The Consultant Pharmacist*. 2011;26(10):734. Poster presented at: American Society of Consultant Pharmacists Annual Meeting and Exhibition. Orlando, Phoenix, AZ. November 18, 2011.

Meyer K, Swanson K, Blaszczyk A, **Bouwmeester C**, Brandt N, Estus E, Williams B, Emptage R, and Riley A. *Preceptor Potpourri—Ideas and Tricks for Geriatric Pharmacy Clerkships*. **Invited platform presentation** at: American Society of Consultant Pharmacists Annual Meeting and Exhibition. Orlando, Phoenix, AZ. November 17, 2011.

Bouwmeester C, Carlsen C, McMahon M, Baer P, Barrera D, Wong B. Increasing Vaccination Rates of Community-Based Seniors: Strategies Applied by an Interdisciplinary PACE Team. *The Consultant Pharmacist*. 2010;25(10). Poster presented at: American Society of Consultant Pharmacists Annual Meeting and Exhibition. Orlando, FL. November 12, 2010.

Bouwmeester C, White R. Consultant pharmacist opportunities in an all-inclusive care program: Innovative ideas and implementation. *The Consultant Pharmacist*. 2009; October 24(10):753 Paper 2. **Platform presentation** at: American Society of Consultant Pharmacists Annual Meeting and Exhibition. Anaheim, CA. November 19, 2009.

Bouwmeester C, White R. Through thick and thin: Managing a geriatric anticoagulation service. 2009 American Society of Consultant Pharmacists Annual Meeting and Exhibition. Anaheim, CA. November 20, 2009. **Platform presentation** at: American Society of Consultant Pharmacists Annual Meeting and Exhibition. Anaheim, CA. November 19, 2009.

Bouwmeester C, White R. Adventures in anticoagulation: A pharmacist-run warfarin clinic. *The Consultant Pharmacist*. 2009; October 24(10):740 Poster 8. Poster presented at: American Society of Consultant Pharmacists Annual Meeting and Exhibition. Anaheim, CA. November 19, 2009.

Bouwmeester C. Remedy for the primary care physician's herbal quandary. Poster presented at: American Society of Health System Pharmacists Midyear Clinical Meeting December, New Orleans. December 2003.

Bouwmeester C. Update on: Finding the remedy for the primary care physician's herbal quandary. Poster presented at: 28th Annual Massachusetts Society of Health System Pharmacists Meeting, Boston, MA. April 2003.

Bouwmeester C. Finding the remedy for the PCP's herbal quandary. Poster presented at: American Society of Health System Pharmacists Midyear Clinical Meeting, Atlanta, GA. December 2002.

PRESENTATIONS: INVITED

Bouwmeester C. Fall Intervention: Medication Review. Harbor Health Services, Inc, Boston, MA, Seminar, Local, Invited, August 31, 2016.

Bouwmeester C, Scheer C, Angelini M. Reduction of antipsychotic medications from the academic perspective, Oral Presentation Non-Academic, Massachusetts Antipsychotic Reduction Taskforce, New England Quality Innovation Network, Waltham, MA. State, Invited, August 8, 2016.

Bouwmeester C. Fall Intervention: Medication Review. Harbor Health Services, Inc, Hyannis, MA. Seminar, Local, Invited, April 27, 2016.

PRESENTATIONS: CONTINUING EDUCATION

Bouwmeester C, Holmes H, Kostas T, Nkansah N, Vouri S. American Society of Consultant Pharmacist's Certified Geriatric Pharmacist Exam Preparation & Recertification Boot Camp. Total program: 15 CPE credits. Invited continuing education presentation in Chicago, IL. July 17-18, 2014.

Understanding Geriatric Syndromes (1 CPE)

Monitoring Pharmacotherapy in Older Adults (1.5 CPE)

Pathophysiology of Aging (1 CPE)

Application to Case Studies and Discussion (1 CPE)

Bouwmeester C. Anticoagulation for atrial fibrillation: What to do in the outpatient setting. Massachusetts Chapter of the American Society of Consultant Pharmacists, 2nd Annual Interdisciplinary Senior Care Symposium. Norwood, MA. November 5, 2009.

Bouwmeester C. Influenza: Seasonal and H1N1. Elder Service Plan. Dorchester, MA. September 24, 2009.

Bouwmeester C, White R. Antipsychotic medications: What you should know. Elder Service Plan. Dorchester, MA. July 23, 2009.

Bouwmeester C. Update on herbal supplements. Pharmacy Department Continuing Education Program. Presented at Massachusetts General Hospital, Boston, MA. December 2004.

Bouwmeester C. Lung cancer: A holistic approach. Pharmacy Department Continuing Education Program. Presented at Massachusetts General Hospital, Boston, MA. June 2003.

Bouwmeester C. Tardive dyskinesia. Pharmacy Department Continuing Education Program. Presented at Massachusetts General Hospital, Boston, MA. May 2003.

Bouwmeester C. Herbal supplements for tardive dyskinesia. Grand Rounds. Presented at Massachusetts College of Pharmacy and Health Sciences, Boston, MA. April 2003.

Bouwmeester C. Answering the herbal quandary. Pharmacy Department Continuing Education Program. Presented at Massachusetts General Hospital, Boston, MA. March 2003.

Bouwmeester C. Infantile spasms. Pharmacy Department Continuing Education Program. Presented at Massachusetts General Hospital, Boston, MA. October 2002.

GRANTS/RESEARCH

American Society of Health-System Pharmacists Foundation. Pharmacy Resident Practice-Based Research Grant Program. *The best interventions in lipid-lowering (BILL) study: an observational study on pharmacist-driven recommendations to optimize dyslipidemia therapy* Awarded a research grant for \$4866. Co-investigator.

National Association of Chain Drug Stores (NACDS) Foundation. Department of Health and Human Services (HHS) Million Hearts "Team Up, Pressure Down" campaign. Awarded a grant for \$1,000. 2013. Co-investigator.

Kraft J, **Bouwmeester C.** "Assessing inhaler technique and evaluating the retention of inhaler-specific education provided by pharmacists to community-dwelling elderly." (IRB# 12-11-08) Provided in kind support by Harbor Health Services, Inc. and Northeastern University. 2012 – 2013. [Co-PI with resident]

Chim C, Falinski J, **Bouwmeester C**, VanAmburgh J. "Assessing Provider Adherence to Clinical Guidelines for the Management of Post-MI Patients." (IRB# 12-01-04) Provided in kind support by Harbor Health Services, Inc. and Northeastern University. 2012 – 2013. [Co-PI]

White RN, **Bouwmeester C**, Wizwer P, Van Amburgh JA. "The PIPE pilot study: analyzing potentially inappropriate prescribing in the elderly." Provided in kind support by Harbor Health Services, Inc, Northeastern University, and Massachusetts College of Pharmacy. 2010 – 2011. [Co-PI]

White RN, **Bouwmeester C**. Pharmacy student preferences for course design and confidence before and after a modified problem-based learning section. Provided in kind support by Northeastern University. 2009 [Co-PI]

TEACHING EXPERIENCE

Northeastern University, Bouve College of Health Science, School of Pharmacy

Contemporary Issues in Geriatric Pharmacotherapy PHMD 4890

Developed course; received approval in 2012

Course director (Spring 2012-present)

- Problem-based learning
- Mini-lectures: interdisciplinary teams, psychosocial aspects of aging, fall prevention, geriatric assessment, end-of-life and hospice care, polypharmacy, nutrition, durable medical equipment, ethics, models of care

Comprehensive Disease Management 1 PHMD 4586 (2010-2013), PHMD 4611 (2014-present)

Lecturer (2:20 hours each 2010-2013; 1:50 hours each 2014-present)

- Special Populations: Geriatrics (Spring 2010-2011; 2014-present)
- Dietary Supplements: Vitamins (Spring 2010-present)
- Dietary Supplements: Herbal Therapies (Spring 2010-present)

Comprehensive Disease Management 4 PHMD 4641

Previously: ***Comprehensive Disease Management 6 PHMD 6266***

Previously: ***Comprehensive Disease Management 7 PHMD 6267***

Lecturer (2:20 hours each 2010-2014; 1:50 hours each 2015-present)

- Osteoporosis (Spring 2010-present)
- Alzheimer's disease and other dementias (Spring 2010-present)
- Hormone Replacement Therapy (Spring 2010-2015)

Seminar Facilitator (3 hours weekly for 8 weeks)

- CDM 6 (Spring 2012-2013)
- CDM 7 (Spring 2011)

Comprehensive Disease Management 3 Seminar PHMD 4632

Previously: ***Comprehensive Disease Management 4 Seminar PHMD 6254 (half semester)***

Previously: ***Comprehensive Disease Management 5 Seminar PHMD 6254 (half semester)***

Seminar Facilitator (3 hours weekly/semester)

- 2014-2015: full semester
- 2012-2013: half semester

Evidence Based Medicine PHMD 5223

Lecturer (1:30 hours each)

- Adverse drug reactions (2016)
- Information management (2016)

Advanced Pharmacy Practice Experience PHMD 6449

Primary preceptor (6 weeks at primary clinic site; 6SH course)

- 2016 (18 students)

- 2015 (22 students)
- 2014 (24 students)
- 2013 (24 students)
- 2012 (24 students)
- 2008-2011 (18-20 students)

Pharmacy Capstone Research PHMD 4600

Course director (4SH)

- 2016 (Spring 5 students, Summer 2 students, Fall 4 students)
- 2015 (3 students)

Pharmacy Directed Studies PHMD 4992

Course director (1-4SH)

- 2016 (2 students, 2SH)
- 2015 (1 student, 2SH)
- 2013 (1 student, 1SH)

Drug Information and Evaluation PHMD 6223

Lecturer (1:15 hours each)

- Adverse Drug Reactions (Summer 2008-2015)
- Drug Information Management (Summer 2013-2015)
- Keeping Up with the Literature (Summer 2008-2012)
- Online Resources (Summer 2008-2012)
- Healthcare Informatics (Summer 2008)

Paper reviewer (2008-2015)

Self-Care PMD U440

Lecturer (1 hour each)

- Vitamins-2 lectures (Spring 2009)
- Herbal Therapies- 3 lectures (Spring 2009)

Seminar Facilitator (Summer 2009)

Therapeutics 1 PMD U539

Lecturer (1:15 hours each)

- Osteoporosis (Summer 2008, 2009)
- Hormone Replacement Therapy (Summer 2008, 2009)

Seminar Facilitator (Summer 2008, 2009)

Pathophysiology PMD U401

Lecturer (1 hour each)

- Osteoporosis (Spring 2009)
- Hormone Replacement Therapy (Spring 2009)

Therapeutics 4/5 PMD G246

Lab facilitator/Instructor: 4 sections (Spring 2008)

Special Topics in Health Care Honors Seminar HLTH 1555, section 1

Aging: No Need to Stop the Clock

Co-developed course; received approval in 2012

Lecturer (2.5 hours each) (Fall 2012)

- Interdisciplinary teams, healthcare delivery, insurance
- Medication adherence and dietary supplements
- Case study review: aging well

Introduction to Health & Aging HLTH 5005

Lecturer (1:00 hours each)

- Alzheimer's Disease (Spring 2011)

Aging and Illness BHS G243

Lecturer (3 hours): Interdisciplinary teams (Spring 2008)

Pharmacy Care Practice Lab PMD U576

Lab facilitator/Instructor (Spring 2008)

PGY1 Pharmacy Residency, Northeastern University & Harbor Health Services Inc.

- Primary preceptor for geriatric-based resident: geriatrics (6 weeks), anticoagulation (6 weeks), advanced geriatrics (6 weeks), advanced anticoagulation (6 weeks), drug information (6 weeks), experiential teaching (6 weeks)
- Primary preceptor for community health center residents: geriatrics (4-6 weeks), anticoagulation (4-6 weeks)
- Co-preceptor for all residents: research (longitudinal)
 - 2016-2017: Themio Papadopoulos (geriatric resident), Alfred Yeung, Jacqueline Dunning
 - 2015-2016: Jazmin Turner (geriatric resident), Safiya Naidjate, Caitie Huffman
 - 2014-2015: Amy Thien (geriatric resident), Lisa Cillessen, Josephine Aranda
 - 2013-2014: Karrie Juengel (geriatric resident)
 - 2012-2013: Jacqueline M. Kraft (geriatric resident); Phillipa Scheele, Ngoc Diem Nguyen
 - 2011-2012: Christine Chim (geriatric resident), Joseph Falinski
 - 2010-2011: Michael Conley
 - 2009-2010: Nga Pham
 - 2008-2009: Stefanie (Nigro) Tejwani
 - 2007-2008: Rebekah Sherman

Northeastern University, School of Professional and Continuing Education

Basic Pharmacology HSC 4220

Course Instructor 12 week course (3 hours/week) (2004-2005)

Massachusetts College of Pharmacy and Health Sciences

Pharmacotherapeutics I, II, III

Non-Traditional Doctor of Pharmacy Program (distance learning program)

Clinical preceptor (2004-2006)

PEER REVIEW

Bouwmeester C (reviewer). Module 7: Pharmacotherapy for endocrine and exocrine disorders. Section 7.6 Menopause and hormone replacement therapy. GeriatricPharmacyReview.com [Monograph online]. American Society of Consultant Pharmacists. Available at URL: <http://www.geriatricpharmacyreview.com>

Pharmacotherapy, **peer reviewer** (2011, 2015-2016)

BMC Cardiovascular Disorders, **peer reviewer** (2016)

European Respiratory Journal, **peer reviewer** (2015)

Currents in Pharmacy Teaching and Learning and Pharmacotherapy, **peer reviewer** (2012, 2014-2015)

Journal of Health-System Pharmacy Residents, **peer reviewer** (2012)

Journal of the American Society of Health-System Pharmacists, **peer reviewer** (2009)

PROFESSIONAL MEMBERSHIPS

American Society of Consultant Pharmacists (ASCP) Member since 2005

- Educational Advisory Council (2014-2017, **Chair** 2015-2016)
- Pharmacy Educators and Research Council (2014-2015)
- Chapters Leadership Council (2010-2014, **Chair** 2013-2014)

- State Leaders Council (**Chair** 2012-2013)
- Educational Standards Task Force (2012-2013)
- Membership Resource Task Force (**Chair** 2011-2012)
- Business Development Task Force (2011-2012)
- Geriatric Academicians Roundtable (2008-present)
- Education Advisory Committee (2005-2007)

Massachusetts Chapter, American Society of Consultant Pharmacists (MASCP) Member since 2008

- Chair of the Board (2013-2014)
- President (2011-2012)
- Vice President (2010)
- Board of Directors (2008-2009)

American Association of Colleges of Pharmacy (AACP) Member since 2010

American Geriatrics Society (AGS) Member since 2011

American College of Clinical Pharmacists (ACCP) Member since 2003

American Society of Health-System Pharmacists (ASHP) Member 2000-2010

SERVICE

Northeastern University

Department of Pharmacy Practice

- 2015-present Pharmacy Research Priority Committee
- 2010-present Faculty Development Strategic Task Force
- 2010-present Society for Ambulatory Care
- 2008-present Student advisor (18-20 students/year)
- 2016 Department Writing Group (Facilitator)
- 2014 Clinical Faculty Promotion Committee
- 2010-2011 Communications Committee
- 2010-2011 Evaluation of Clinical Services Task Force
- 2010 CDTM Scope of Practice in Ambulatory Care planning meeting

School of Pharmacy

- 2016-present Office of Experiential Education's (OEE's) Experiential Education Advisory Committee
- 2008-present ACPE PGY-1 Ambulatory Care Pharmacy Residency Selection Committee
- 2016 Promotion committee
- 2012-2016 Faculty Research Development and Mentoring Committee
- 2013-2015 ACPE Self-Study: Standards for Students (16-23) Committee
- 2013-2015 ACPE Self-Study: Standard 19 Sub-committee
- 2011 Redesigned PGY1 pharmacy residency website
- 2010-2015 NAPLEX review
- 2009 Faculty representative for Health Science Thursday
- 2008-2012 Bylaws Committee (**Chair 2011-2012**)
- 2008-2009 ACPE Accreditation Self-Study Curriculum Committee

Bouvé College of Health Sciences

- 2013-2014 Bouvé Interdisciplinary Geriatric Education Faculty Fellowship
- 2008-2012 Bouvé Interdisciplinary Geriatrics Education Resource
- 2010 Aging Roundtable

Elder Service Plan of HHSI

- 2012-present Supportive Care for End-of-Life (SCEL) Committee
- 2010-present Medical Providers Committee
- 2010-present Medicare Part D Compliance Committee

2009-present	Falls Prevention Committee
2008-present	Quality Assurance and Performance Improvement (QAPI)
2008-present	Clinical Pharmacy Service Committee
2008-2010	Clinical Committee
2008-2010	Electronic Medical Records Conversion Team
2008	Care Plan Committee

Community Service

Only Leaves Should Fall. Fall prevention in-service program for caregivers. Sponsored by Harbor Health Services, Inc. October 2011.

American Pharmacists Month Brown Bag Event. Sponsored by clinical pharmacists at Elder Service Plan of HHSI. October 2011.

Memory Walk. Alzheimer's Association. Boston, MA 2009-2010

The Face of Pharmacy. State House legislative day. Boston, MA March 2010.

Kids to College (K2C) in partnership with Teri and James P. Timilty Middle School. Directed activity making sunscreen, teaching basic pharmaceuticals, and promoting the pharmacy profession to 50 sixth-grade students. April 2008.

AWARDS/HONORS

- 2012** **Gerald Schumacher Pharmacy Faculty Award** (Recipient) Northeastern University, Bouvé College of Health Sciences, School of Pharmacy
- 2003** **Best Poster Award** (Recipient) Massachusetts Society of Health System Pharmacists Meeting. Boston, MA.
- 2000** **Rho Chi Pharmacy Honor Society, Psi Chapter** (Induction)

LICENSURE AND CERTIFICATION

- 2004-present Board Certified Geriatric Pharmacist (BCGP)
Board of Pharmaceutical Specialties
Certified in 2017
Expires: 12/31/24
- 2004-present Board Certified Pharmacotherapy Specialist (BCPS)
Board of Pharmaceutical Specialties
Recertified in 2010
Expires: 12/31/17
- 2002-present Commonwealth of Massachusetts
Board of Registration in Pharmacy
License #PH25475
Expires: 12/31/18
- 2002-present Basic Life Saving for Healthcare Professionals (CPR and AED)
Expires: September 2018
- 2007-present Adult Immunization certification (ASHP)
Adult Immunization Train the Trainer program (2015)
Accredited by the Accreditation Council for Pharmacy Education

2002 Teaching Certificate
Massachusetts College of Pharmacy and Health Sciences
Residency Teaching Seminar

REFERENCES

Available on request