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

CONTACT INFORMATION

Academic

Northeastern University
School of Pharmacy and Pharmaceutical Sciences
Department of Pharmacy and Health Systems Sciences
140 The Fenway (R218)
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Clinic

Harbor Health Elder Service Plan
1135 Morton Street
Mattapan, MA 02126

EDUCATION

- 1998-2002 **Massachusetts College of Pharmacy and Health Sciences**, Boston, MA
Doctor of Pharmacy (*Magna Cum Laude*)
- 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 (*Graduation with Distinction*)

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 **PGY-1 Pharmacy Practice Residency, Massachusetts General Hospital**
ASHP-accredited program
Residency Director: Barbara Irby

WORK EXPERIENCE

- 2022-present **Clinical Professor**, *Northeastern University*
- 2014-2022 **Associate Clinical Professor**, *Northeastern University*
- 2007-2014 **Assistant Clinical Professor**, *Northeastern University*
- 2007-present **Advance Practice Pharmacist, Geriatrics**
Harbor Health Elder Service Plan (PACE), Mattapan, MA

- 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**

SCHOLARSHIP/CREATIVE ACTIVITY

Publications:

Refereed (peer-reviewed) articles

**Indicates current/former student or pharmacy practice resident*

1. Sibicky SL, Pogge EK, **Bouwmeester C**, Butterfoss KH, Ulen KR, Meyer KS. Pharmacists' Impact on Older Adults Transitioning To and From Patient Care Centers: A Scoping Review. *J Pharm Pract*. 2024 Feb;37(1):169-183. doi: 10.1177/08971900221125014. Epub 2022 Sep 3. PMID: 36062533.
2. **Bouwmeester C**, Jing Q*, Park S*. Patient Perspective: Vaccines for Older People. *Sr Care Pharm*. 2023 Apr 1;38(4):123-127. doi: 10.4140/TCP.n.2023.123. PMID: 36949562.
3. **Bouwmeester C**. The Patient Living With Diabetes. *Sr Care Pharm*. 2022 Oct 1;37(10):474-476. doi: 10.4140/TCP.n.2022.474. PMID: 36171665.
4. Early N, Callas A*, Sarbacker GB, **Bouwmeester C**, Bartucca M. Experiential pharmacy education during a pandemic: Lessons learned. *Senior Care Pharmacist*. 2021 Aug 1;36(8):375-380. doi: 10.4140/TCP.n.2021.375. PMID: 34311815.
5. Mullakary J*, Visintainer S*, Tucci M*, Dionne B, Conley M, Reid D, Matta T, Bartucca M, **Bouwmeester C**. A multicenter retrospective review of antibiotic prescribing patterns for treatment of urinary tract infections in the primary care setting. *Journal of the American College of Clinical Pharmacy*. 2021 June;4(6): 689-96. <https://doi.org/10.1002/jac5.1430>.
6. **Bouwmeester, C**. Medication appropriateness. *Geriatrics 101*, v.2.0, American Society of Consultant Pharmacists. E-published May 1, 2020, <http://learnng.ascp.com>.
7. **Bouwmeester, C**. Biology of aging. *Geriatrics 101*, v.2.0, American Society of Consultant Pharmacists. E-published May 1, 2020, <http://learnng.ascp.com>.
8. Rose TN, Jacobs ML, Reid DJ, **Bouwmeester C**, Conley MP, Fatehi B, Matta TM, Barr JT. Real-world impact on monthly glucose-lowering medication cost, HbA1c, weight, and polytherapy after initiating a GLP-1 receptor agonist. *Journal of the American Pharmacists Association*. 2020 Jan-Feb;60(1):31-38.e1. doi: 10.1016/j.japh.2019.09.001.
9. Longo SL*, Ryan JM*, Sheehan KB*, Reid DJ, Conley MP, **Bouwmeester C**. Evaluation of vitamin B12 monitoring in patients on metformin in urban ambulatory care settings. *Pharmacy Practice*. 2019 Jul-Sep;17(3):1499. doi: 10.18549/PharmPract.2019.3.1499. Epub 2019 Sep 13. PubMed PMID: 31592289
10. Chung C*, **Bouwmeester C**. Nitrofurantoin use in frail, community-dwelling, older adults with renal impairment. *Senior Care Pharmacist*. 2019 May 1;34(5):303-307. PubMed PMID: 31054588.

11. 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. *Journal of the American Geriatrics Society*. 2017 Mar;65(3):586-591. doi: 10.1111/jgs.14689. Epub 2016 Dec 23. PubMed PMID: 28008599.
12. **Bouwmeester C**, Kraft J*, Bungay KM. Optimizing inhaler use by pharmacist-provided education to community-dwelling elderly. *Respiratory Medicine*. 2015 Oct;109(10):1363-1368. doi 10.1016/j.rmed.2015.07.013. Epub 2015 Jul 20. PubMed PMID: 26341546.
13. **Bouwmeester, C**. Monitoring pharmacotherapy in older adults. *Geriatric Pharmacy Review*. American Society of Consultant Pharmacists; Alexandria, VA. E-published 2013. Available at URL: <http://www.geriatricpharmacyreview.com>.
14. **Bouwmeester C**, Chim C*. Pharmacist-managed oral anticoagulation therapy in the community setting. *The Consultant Pharmacist*. 2013;28(5):280-293. doi: 10.4140/TCP.n.2013.280. PubMed PMID: 23649677.
15. **Bouwmeester C**. The PACE program: Home-based long-term care. *The Consultant Pharmacist*. 2012;27(1):24-30. doi: 10.4140/TCP.n.2012.24. PubMed PMID: 22231995.
16. **Bouwmeester, C**. Complementary medicine. *Geriatric Pharmacy Review*. American Society of Consultant Pharmacists; Alexandria, VA. E-published 2009 Available at URL: <http://www.geriatricpharmacyreview.com>.
17. **Bouwmeester C**. Surveying physicians' attitudes about herbal supplements, resources, and pharmacy consultations. *Journal of Pharmacy Technology*. 2005; 21: 247-253. doi: 10.1177%2F875512250502100502

Books/Book Chapters

1. **Bouwmeester C**, editor. Medication Class Side Effect Index. 16th ed. Alexandria, VA: American Society of Consultant Pharmacists; 2021.
2. **Bouwmeester C**, editor. Medication Class Side Effect Index. 15th ed. Alexandria, VA: American Society of Consultant Pharmacists; 2019.
3. **Bouwmeester C** and Devlin JW. Medication assessment in older adults. In: Fulmer T and Chernof B, ed. Handbook of Geriatric Assessment. 5th edition. Burlington, MA: Jones and Bartlett Learning; 2018.
4. **Bouwmeester, C**. Senior Care Pharmacy Services: Who, What, How? 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.
5. **Bouwmeester C**, editor. Medication Class Side Effects Index. 14th ed. Alexandria, VA: American Society of Consultant Pharmacists; 2017.
6. **Bouwmeester C**, editor. Geriatric Medication Handbook. 13th ed. Alexandria, VA: American Society of Consultant Pharmacists; 2016.
7. 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 ed. Alexandria, VA: American Society of Consultant Pharmacists; 2016.
8. **Bouwmeester C**, editor. Medication Class Side Effects Index. 13th ed. Alexandria, VA: American Society of Consultant Pharmacists; 2015.

9. **Bouwmeester C**, editor. Geriatric Medication Handbook. 12th ed. Alexandria, VA: American Society of Consultant Pharmacists; 2014.
10. **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.
11. **Bouwmeester C**, editor. Geriatric Medication Handbook. 11th ed. Alexandria, VA: American Society of Consultant Pharmacists; 2013.
12. **Bouwmeester C**, editor. Medication Class Side Effects Index. 12th ed. Alexandria, VA: American Society of Consultant Pharmacists; 2013.
13. **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.
14. **Bouwmeester C**, editor. Geriatric Medication Handbook. 10th ed. Alexandria, VA: American Society of Consultant Pharmacists; 2011.
15. **Bouwmeester C**, editor. Medication Class Side Effects Index. 11th ed. Alexandria, VA: American Society of Consultant Pharmacists; 2011.
16. **Bouwmeester C**, editor. Brand/Generic and Medication Class Index. 11th ed. Alexandria, VA: American Society of Consultant Pharmacists; 2010.
17. **Bouwmeester C**, editor. Geriatric Medication Handbook. 9th ed. Alexandria, VA: American Society of Consultant Pharmacists; 2008.
18. Beizer JL, Brandt NJ, Brodeur MR, Jeffery SM, Plein JB, Stratton MA, **Bouwmeester C**, D'Antonio PM. Geriatric Pharmacy Curriculum Guide. 2nd ed. Alexandria, VA: American Society of Consultant Pharmacists; 2007.
19. **Bouwmeester C**, editor. Geriatric Medication Handbook. 8th ed. Alexandria, VA: American Society of Consultant Pharmacists; 2007.
20. **Bouwmeester C**, editor. Policy and Procedures: Pharmacy Services for Nursing Facilities. Alexandria, VA: American Society of Consultant Pharmacists; 2006.

Non-refereed articles

1. Medication Management Workgroup (**Bouwmeester C**, workgroup member). "Drug Management Program: Policy and Procedure." Participant Care Resources, National PACE Association, July 22, 2021. Available at: www.npaonline.org/member-resources/participant-care-resources.
2. Medication Management Workgroup, Clinical Subcommittee (***Bouwmeester C**, co-chair/author). "Medication Therapy Review: Intravitreal Injections." Participant Care Resources, National PACE Association, September 2020. Available at: www.npaonline.org/member-resources/participant-care-resources.
3. Medication Management Workgroup, Clinical Subcommittee (***Bouwmeester C**, co-chair/author). "Medication Therapy Review: Pulmonary Hypertension." Participant Care Resources, National PACE Association, May 2020. Available at: www.npaonline.org/member-resources/participant-care-resources.
4. Massachusetts Antipsychotic Medication Reduction Task Force: Final Report. (***Bouwmeester C**, task force member/author). Healthcentric Advisors: Woburn, MA; August 2018 (member of task force submitting report).
5. **Bouwmeester C**, editor. Medication Profile Form: Medication Class Side Effects Reference. Alexandria, VA: American Society of Consultant Pharmacists; 2016.

6. 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.
7. Whelan J, **Tucker C (maiden name)**. Foreign Drug Identification Sources: Bibliography. Boston, MA: Massachusetts College of Pharmacy and Health Sciences, Instructional Resources Department; 1995.

Abstracts (peer-reviewed)

1. Nelson C*, Tam A*, **Bouwmeester C**. Understanding Older Adult Patient Perspectives and Perception of Inhaled Medications to Optimize Pharmacist Interventions. Abstract presented at: American Society of Consultant Pharmacists (ASCP) Annual Meeting. Kissimmee, FL. October 28, 2023.
2. **Bouwmeester C**, Gandolfo S*, Girard T*, Zhang M*, Madden J. Prevalence of Behavioral and Psychological Symptoms and Psychopharmacological Medications Among Home-Dwelling Patients with Dementia in a Program of All-Inclusive Care for the Elderly. Abstract presented at: American Society of Consultant Pharmacists (ASCP) Annual Meeting. San Antonio. November 2022. *The Senior Care Pharmacist*. 2022 November;37:581.
3. **Bouwmeester C**, Mingus M*, McManus D, Saczynski J. Characterizing Fall Severity in Older Patients with Atrial Fibrillation: The SAGE-AF Study. Abstract presented at: American Geriatrics Society (AGS) Annual Meeting. May 2022. *Journal of the American Geriatrics Society*. 2022 April;70(S1):S198.
4. **Bouwmeester C**, Lin AH*. A systematic review of urate-lowering therapies on delaying and/or preventing chronic kidney disease progression. Abstract presented at: American Society of Consultant Pharmacists (ASCP) Annual Meeting. San Diego, CA. November 6, 2021.
5. **Bouwmeester C**, Sarbacker B, Thomas B*, Mahoney R*, Early N, Bartucca M, Callas A*. Systematic review of clinical interventions made by pharmacists utilizing telehealth modalities. Abstract presented at: American Society of Consultant Pharmacists (ASCP) Annual Meeting. San Diego, CA. November 6, 2021.
6. Muhieddine M*, Lee M*, Lee J*, Zhou C*, Park P*, **Bouwmeester C**. A quality improvement study to assess melatonin use and the impact of pharmacist deprescribing recommendations in a Program for All-Inclusive Care for the Elderly (PACE). Abstract presented at: American Geriatrics Society (AGS) Annual Meeting. May 2021. *Journal of the American Geriatrics Society*. 2021 May;69(S1):S246.
7. Lim A*, Zheng T*, Ko S*, Bartucca MA, **Bouwmeester C**. Evaluation of concomitant aspirin and proton-pump inhibitor (PPI) prescribing within a Program of All-Inclusive Care for the Elderly (PACE). Abstract presented at: American Society of Health-System Pharmacists. December 2020.
8. **Bouwmeester C**, Conley M, Jacobs M, Landi M, Matta T, Miller D, Reid D, Rose T, Van Amburgh J. A portfolio of innovative community activities from Northeastern University School of Pharmacy. Abstract presented at: Bouvé Health in Translation. Boston, MA; January 13, 2020.
9. McCarrell J, **Bouwmeester C**. PACE: An interdisciplinary community-based practice opportunity for pharmacists. Abstract presented at: American Society of Consultant Pharmacists (ASCP) Annual Meeting. Dallas, TX. November 2019.

10. D'Apice N*, Caparon K*, Landi MA, **Bouwmeester CJ**. Phase 1: Evaluation of proton-pump inhibitor (PPI) prescribing patterns at a program of all-inclusive care for the elderly. Abstract presented at: American Society of Consultant Pharmacists (ASCP) Annual Meeting. Dallas, TX. November 2019.
11. Visintainer SE*, Mullakary J*, Tucci MJ*, Reid DJ, Dionne B, Conley MP, Matta TM, Landi MA, **Bouwmeester, C**. Multicenter Retrospective Cohort Study Evaluating Antibiotic Prescribing Patterns for the Treatment of Urinary Tract Infections in Primary Care. Abstract presented at: American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting. Las Vegas, NV. December 9, 2019.
12. Elmes A*, Carstens S, **Bouwmeester CJ**, Conley MP. Effect of interdisciplinary team (IDT) visits on daily morphine milligram equivalents (MME) in patients taking chronic high-dose opioid therapy within a community health center. Abstract presented at: American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting. Las Vegas, NV. December 9, 2019.
13. Caparon K*, D'Apice N*, Landi MA, **Bouwmeester CJ**. Evaluation of provider response to a pharmacist-led proton pump inhibitor deprescribing initiative at a program of all-inclusive care for the elderly. Abstract presented at: American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting. Las Vegas, NV. December 9, 2019.
14. Rose T, Conley M, Jacobs M, Reid D, **Bouwmeester C**, Matta T, Fatehi B, Barr J. Collaboration Among Ambulatory Care Faculty Results in Multi-Center GLP-1 Impact Study. Abstract presented at: American Association of Colleges of Pharmacy (AACP) Annual Meeting. Chicago, IL. July 15, 2019.
15. Jacobs M, Rose T, Reid D, **Bouwmeester C**, Conley M, Fatehi B, Matta T, Barr J. Impact of adding a GLP-1 receptor agonist to the medication regimen. Abstract presented at: American Diabetes Association (ADA) 79th Scientific Sessions. San Francisco, CA. June 2019.
16. Park S*, Jung J*, Bae SJ*, Lee JY*, **Bouwmeester CJ**, Madden J. Prevalence of antipsychotic medications and behavioral and psychological symptoms of dementia (BPSD) in community-dwelling patients with dementia. Abstract presented at: American College of Clinical Pharmacy (ACCP) Virtual Poster Symposium. May 2019.
17. Lee J*, **Bouwmeester CJ**. Assessment of factors related to fall severity in community-dwelling adults in a program of all-inclusive care for the elderly. Abstract presented at: American Geriatrics Society (AGS) Annual Meeting, *Presidential Poster Session*. Portland, OR. May 2019. *Journal of the American Geriatrics Society*. 2019 May;67(S1):S121.
18. **Bouwmeester CJ**, Berkey R, Goodman P, Riccio R. The SAIL experience and opportunities for faculty: "I SAILED my course, now what?" Abstract presented at: Conference for Advancing Evidence-Based Learning, Sponsoring Organization: Center for Advancing Teaching & Learning through Research (CATLR), Northeastern University. Boston, MA. April 2019.
19. Chung C*, Chen J*, Cheung N*, **Bouwmeester C**. Nitrofurantoin use in frail, community-dwelling, older adults with renal impairment: a retrospective chart review on safety and efficacy. Abstract presented at: American Society of Health-System Pharmacists (ASHP) Midyear Meeting. Anaheim, CA. December 2018.
20. Tucci M*, Visintainer S*, Mullakary J*, Reid D, Conley M, Matta T, Dionne B, Landi M, **Bouwmeester C**. Multicenter retrospective cohort study evaluating antibiotic

prescribing patterns for the treatment of urinary tract infections in primary care. Abstract presented at: American Society of Health-System Pharmacists (ASHP) Midyear Meeting. Anaheim, CA. December 2018.

21. Der J*, Kim H*, **Bouwmeester C**. Objective measurement of behavioral and psychological symptoms of dementia (BPSD) in a Program for All-Inclusive Care for the Elderly (PACE). Abstract presented at: American Geriatrics Society (AGS) Annual Meeting. Orlando, FL. May 2018. *Journal of the American Geriatrics Society*. 2018 May;66(S2):S272.
22. Sheehan K*, Longo S*, Andrade J*, Reid D, Conley M, Matta T, **Bouwmeester C**. B(12) smart about monitoring: An evaluation of vitamin B12 monitoring in patients on metformin in urban ambulatory care settings. Abstract presented at: American Society of Health-System Pharmacists (ASHP) Midyear Meeting. Orlando, FL. December 2017.
23. Kivlehan A*, Liu J*, Zablonksi J*, **Bouwmeester C**. Preventing falls in a high risk population: Evaluating the fall risk assessment tool (FRAT v2) in community-dwelling geriatric patients. Abstract presented at: American Society of Health-System Pharmacists (ASHP) Midyear Meeting. Orlando, FL. December 2017
24. Huh J*, Lee J*, **Bouwmeester C**. Effects of the 2016 Center for Medicare & Medicaid Services changes in medication incident reporting requirements. Abstract presented at: National PACE Association (NPA) Annual Meeting. Boston, MA. October 17, 2017.
25. Dunning J*, Yeung A*, Papadopolous T*, Reid D, Conley M, Matta T, **Bouwmeester C**. Utilization of concomitant adjunctive therapies to opioid regimens for the management of chronic pain in an ambulatory care setting. Abstract presented at: American College of Clinical Pharmacy (ACCP) 2017 Annual Meeting. Phoenix, AZ. October 9, 2017.
26. Rose T, Reid D, Jacobs M, Conley M, Matta T, **Bouwmeester C**, Barr JT, McManus A. Impact of adding a GLP-1 receptor agonist to a diabetes medication regimen in an ambulatory care setting. Abstract presented at: American College of Clinical Pharmacy (ACCP) 2017 Annual Meeting. Phoenix, AZ. October 9, 2017.
27. Lee J*, Huh JI*, **Bouwmeester C**. Trends in medication incident reports in a Program of All-inclusive Care for the Elderly (PACE). Abstract presented at: American College of Clinical Pharmacy (ACCP) Virtual Poster Symposium. May 18, 2017.
28. 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. Abstract presented at: American Geriatrics Society (AGS) Annual Meeting. Long Beach, CA. May 20, 2016. *Journal of the American Geriatrics Society* 2016;64:S221. doi: 10.1111/jgs.14231.
29. 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. Abstract presented at: American Society of Health-System Pharmacists (ASHP) Midyear Meeting, New Orleans, LA: December 9, 2015.
30. 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. Abstract presented at: American Society of Health-System Pharmacists (ASHP) Midyear Meeting, New Orleans, LA: December 9, 2015.
31. **Bouwmeester C**, Ermakova A*, Bungay K. Development of a fall risk assessment tool for community-dwelling, frail adults in an urban PACE (Program of All-inclusive Care

- for the Elderly) program. Abstract presented at: American Society of Consultant Pharmacists (ASCP) Annual Meeting. Las Vegas, NV. October 31, 2015. *The Consultant Pharmacist*. 2015;30(10):565.
32. 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. Abstract presented at: American Society of Consultant Pharmacists (ASCP) Annual Meeting. Las Vegas, NV. October 31, 2015. *The Consultant Pharmacist*. 2015;30(10):564.
 33. 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. Abstract presented at: American Geriatrics Society (AGS) Annual Meeting. National Harbor, MD. May 2015. *Journal of the American Geriatrics Society* 2015;63(S1):S194-195.
 34. 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. Abstract presented at: American Society of Health-System Pharmacists (ASHP) Midyear Meeting. Anaheim, CA. December 10, 2014.
 35. **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. Abstract presented at: American Society of Consultant Pharmacists (ASCP) Annual Meeting. Orlando, FL. November 6, 2014. *The Consultant Pharmacist*. 2014;29(10):679.
 36. **Bouwmeester C**, Kraft J*, Bungay K. Optimizing inhaler use by pharmacist-provided education to community-dwelling elderly in a PACE Program. Abstract presented at: American Society of Consultant Pharmacists (ASCP) Annual Meeting. Orlando, FL. November 6, 2014. Encore presentation. *The Consultant Pharmacist*. 2014;29(10):683.
 37. Bungay K, **Bouwmeester C**, Conley M, Jacobs M, Matta T, Miller D, Reid D, Thompson T, Van Amburgh J on behalf of NU-SOP. A portfolio of innovative community activities from Northeastern University School of Pharmacy (NUSOP). Abstract presented at: American Association of Colleges of Pharmacy (AACP) Annual Meeting. Grapevine, TX. July 26, 2014.
 38. Conley M, **Bouwmeester C**, Chim C*, Reid D, Bungay K. Use of problem-based learning techniques in ambulatory care advanced pharmacy practice experiences. Abstract presented at: American College of Clinical Pharmacy (ACCP) Virtual poster symposium. May 20, 2014.
 39. Ofodile 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. Abstract presented at: 19th Annual Massachusetts Adult Immunization Conference taking place May 20, 2014 at the DCU Center in Worcester, MA.
 40. Kraft J*, **Bouwmeester C**, Bungay K. Optimizing inhaler use by pharmacist-provided education to community-dwelling elderly in a PACE Program. Abstract presented at: American Geriatrics Society (AGS) Annual Meeting **Presidential Poster Session**. Orlando, FL. May 15, 2014. *Journal of the American Geriatrics Society*. 2014;62(S1):S116.

41. Chim C*, Falinski J*, **Bouwmeester C**, VanAmburgh J. Assessment of guideline concordant care in post-MI patients within a medical home model care setting. Abstract presented at: American Pharmacists Association (APhA) Annual Meeting & Exposition. Los Angeles, CA. March 1-4, 2013.
42. Thompson T*, Ofodile 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. Abstract presented at: American Society of Health-System Pharmacists (ASHP) Midyear Meeting. Orlando, FL. December 9, 2013.
43. **Bouwmeester C**, Chim C*, Kraft J*, Scheele P*. Herpes zoster vaccination of community-based seniors: Strategies applied by an interdisciplinary PACE team. Abstract presented at: American Geriatrics Society (AGS) Annual Meeting. Grapevine, TX. May 3, 2013. *Journal of the American Geriatrics Society*. 2013;61:S67.
44. **Bouwmeester C**, Chim C*, Kraft J*, Scheele P*. Herpes Zoster Vaccination Within a PACE Model of Care: Strategies and Program Implementation. Abstract presented at: American Society of Consultant Pharmacists (ASCP) Annual Meeting. Seattle, WA. November 16, 2013. Encore presentation with updated information.
45. 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. Abstract presented at: New England Pharmacists Convention Mashantucket, CT: September 2012.
46. **Bouwmeester C**, Chen H*. Assessment of anti-dementia medication prescribing patterns in a community setting according to a proposed treatment algorithm in a PACE program. Abstract presented at: American Society of Consultant Pharmacists (ASCP) Annual Meeting and Exhibition. Orlando, Phoenix, AZ. November 18, 2011. *The Consultant Pharmacist*. 2011;26(10):734.
47. **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. Abstract presented at: American Society of Consultant Pharmacists (ASCP) Annual Meeting and Exhibition. Orlando, FL. November 12, 2010. *The Consultant Pharmacist*. 2010;25(10).
48. **Bouwmeester C**, White R. Adventures in anticoagulation: A pharmacist-run warfarin clinic. Abstract presented at: American Society of Consultant Pharmacists (ASCP) Annual Meeting and Exhibition. Anaheim, CA. November 19, 2009. *The Consultant Pharmacist*. 2009; October 24(10):74.
49. **Bouwmeester C**. Remedy for the primary care physician's herbal quandary. Abstract presented at: American Society of Health-System Pharmacists (ASHP) Midyear Meeting. New Orleans, LA. December 2003.
50. **Bouwmeester C**. Update on: Finding the remedy for the primary care physician's herbal quandary. Abstract presented at: 28th Annual Massachusetts Society of Health System Pharmacists Meeting, Boston, MA. April 2003.
51. **Bouwmeester C**. Finding the remedy for the PCP's herbal quandary. Abstract presented at: American Society of Health-System Pharmacists (ASHP) Midyear Meeting. Atlanta, GA. December 2002.

Creative Activity

National Refereed Presentations

1. Chippendale R, Duggan M, Schwartz A. Facilitators: Lewallen K, Sehgal M, Powers B, Shah A, Mushero N. **Bouwmeester C**. Maximizing the Ripple Effect: Enhancing Educator Development in Geriatrics. Presented at: American Geriatrics Society (AGS) Annual Scientific Meeting. May 3, 2024
2. **Bouwmeester C**, Early N, Pogge E, Clackum S, Sibicky S. Clinical Cases: Applying Evidence-Based Medicine to Care of Older Persons. Presented at: American Society of Consultant Pharmacists (ASCP) Annual Meeting. Orlando, FL. October 26, 2023.
3. **Bouwmeester C**, McCarthy LM, Henry N. Pharmacotherapy Update. Presented at: American Geriatrics Society (AGS) Annual Scientific Meeting. Long Beach, CA. May 6, 2023.
4. **Bouwmeester C**, Hutchison A, King S. Geriatric Practice Settings 101: Ted Talk. Presented at: American Society of Consultant Pharmacists (ASCP) Annual Meeting. San Antonio, TX. November 4, 2022.
5. **Bouwmeester C**, DeLellis T, Eisenhower C. Pharmacotherapy Update. Presented at: American Geriatrics Society (AGS) Annual Scientific Meeting. Orlando, FL. May 14, 2022.
6. **Bouwmeester C**. Dietary supplements commonly used by older adults. Pharmacotherapy Update. Presented at: American Geriatrics Society (AGS) Annual Scientific Meeting. Virtual. May 13, 2021.
7. Emptage R, **Bouwmeester C**. SIADH and drug-induced hyponatremia in older adults: Perspectives from the non-acute setting. Presented at: American Society of Consultant Pharmacists (ASCP) Annual Meeting. Kissimmee, FL. November 15, 2020.
8. **Bouwmeester CJ**, Hofer A, Knuth C. Incorporating clinical pharmacy services into your IDT: A case study of a collaborative practice agreement. Presented at: National PACE Association (NPA) Annual Meeting. New Orleans, LA. October 2019.
9. 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. Presented at: National PACE Association (NPA) Annual Meeting. Philadelphia, PA. October 19, 2015.
10. **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. Presented at: American Society of Consultant Pharmacists (ASCP) Annual Meeting and Exhibition. Anaheim, CA. November 19, 2009.
11. **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. Presented at: American Society of Consultant Pharmacists Annual Meeting and Exhibition. Anaheim, CA. November 19, 2009.

National Invited Presentations

1. **Bouwmeester C**. Pharmacists' role in programs of all-inclusive care for the elderly (PACE). Presented at: Auburn University, Harrison College of Pharmacy. Geriatric Care (PYDI9510). January 6, 2023.

2. **Bouwmeester C.** Pain management in the older adult. Presented at: University of Michigan, School of Social Work. Interpersonal Practice with Older Adults (SW694). March 16, 2021.
3. **Bouwmeester C,** Turner J. Drug interactions in older adults: A focus on medication safety. Pharmacy Times Continuing Education. Webinar recorded: July 23, 2019.
4. **Bouwmeester C.** Pharmacist's role in optimizing health outcomes by leading clinical quality improvement projects (outpatient). Presented at: American College of Clinical Pharmacy (ACCP) 2017 Annual Meeting. Phoenix, AZ. October 10, 2017.
5. **Bouwmeester C.** Interprofessional education in a non-academic setting: Lessons learned in a PACE program. Presented at: American Geriatrics Society TidesWell Emerging Leaders in Aging pre-conference. San Antonio, TX. May 16, 2017.
6. 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. Presented at: American Society of Consultant Pharmacists (ASCP) Annual Meeting. Las Vegas, NV. October 31, 2015.
7. **Bouwmeester C,** Holmes H, Kostas T, Nkansah N, Vouri S. Presented at: American Society of Consultant Pharmacist's Certified Geriatric Pharmacist Exam Preparation & Recertification Boot Camp. Chicago, IL. July 17-18, 2014.
 - a. Understanding Geriatric Syndromes (1 CPE)
 - b. Monitoring Pharmacotherapy in Older Adults (1.5 CPE)
 - c. Pathophysiology of Aging (1 CPE)
 - d. Application to Case Studies and Discussion (1 CPE)
8. **Bouwmeester C,** Mann J, Otto K, Vouri S. Poster finalist's platform presentation. Presented at: American Society of Consultant Pharmacists (ASCP) Annual Meeting. Orlando, FL. November 7, 2014.
9. 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. Presented at: American Society of Consultant Pharmacists (ASCP) Spring Meeting. Orlando, FL. May 15, 2013.
10. Meyer K, Estus E, **Bouwmeester C,** et al. Oh, the Places You'll Go: A Showcase of Geriatric Practice Opportunities. Presented at: American Society of Consultant Pharmacists (ASCP) Annual Meeting. National Harbor, MD. November 8, 2012.
11. 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. Presented at: American Society of Consultant Pharmacists (ASCP) Annual Meeting and Exhibition. Orlando, Phoenix, AZ. November 17, 2011.

Regional/Local Invited Presentations

1. **Bouwmeester C.** Medication Optimization with a Focus on Deprescribing and What Matters Most. American Society of Consultant Pharmacists (ASCP) Northeast Regional Meeting. Marlborough, MA. April 13, 2024.
2. **Bouwmeester C.** Medications and weight loss. Presented at: Don't weight—weight loss program for older adults. Harbor Health Elder Service Plan. Mattapan, MA. January 23, 2020.
3. **Bouwmeester C.** Medication reconciliation. Presented at: Providers Training and Nursing Education Session. Harbor Health Elder Service Plan. Mattapan, MA. October 5, 2020.

4. **Bouwmeester C.** What is the role of the clinical pharmacist in PACE? Presented at: Student National Pharmaceutical Association (SNPhA), Northeastern University Chapter, Portfolio Event. Boston, MA. March 27, 2019.
5. Levesque A, **Bouwmeester C**, Matta T. NUSHP Presents: Ambulatory Care Pharmacy Panel. Presented at: Northeastern University Society of Health-System Pharmacists (NUSHP). Boston, MA. February 28, 2017.
6. **Bouwmeester C**, Scheer C, Angelini M. Reduction of antipsychotic medications from the academic perspective. Presented at: Antipsychotic Reduction Taskforce, New England Quality Innovation Network, Waltham, MA. August 8, 2016.
7. **Bouwmeester C.** Fall Intervention: Medication Review. Presented at: Harbor Health Services, Inc. Hyannis, MA and Boston, MA. April 27, 2016 and August 31, 2016.
8. **Bouwmeester C**, Bhutta W. Poisoning trends and medication safety for older adults. Presented 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.
9. **Bouwmeester C.** Anticoagulation for atrial fibrillation: What to do in the outpatient setting. Presented at: Massachusetts Chapter of the American Society of Consultant Pharmacists, 2nd Annual Interdisciplinary Senior Care Symposium. Norwood, MA. November 5, 2009.
10. **Bouwmeester C.** Influenza: Seasonal and H1N1. Presented at: Harbor Health Elder Service Plan. Dorchester, MA. September 24, 2009.
11. **Bouwmeester C**, White R. Antipsychotic medications: What you should know. Presented at: Harbor Health Elder Service Plan. Dorchester, MA. July 23, 2009.

Grants

External

1. National Institutes of Health (NIH). Massachusetts AI & Technology Center. *Early Identification of Acute Illness and Delirium in Dementia (The ALERT Study)*. Total budget: \$213,005. Co-investigator, percent effort 10%, 12/1/2022 - 11/30/2023.
2. American Society of Health-System Pharmacists Foundation. Pharmacy Resident Practice-Based Research Grant Program. *A multicentered retrospective review of antibiotic prescribing patterns for treatment of urinary tract infections in a primary care setting*. Total budget: \$4504. Primary investigator, percent effort 100%. 2019-2020.
3. American Society of Health-System Pharmacists Foundation. Pharmacy Resident Practice-Based Research Grant Program. *B (12) Smart About Monitoring: An evaluation of Vitamin B12 monitoring in patients on Metformin in urban ambulatory care settings*. Total budget: \$4957. Primary investigator, percent effort 100%. 2018—**unfunded**
4. 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*. Total budget: \$4866. Co-investigator, percent effort 20%. 2015.
5. National Association of Chain Drug Stores (NACDS) Foundation. Department of Health and Human Services (HHS) Million Hearts “Team Up, Pressure Down” campaign. Total budget: \$1000. Co-investigator, percent effort 20%. 2013.

Internal

1. Northeastern University. Undergraduate Research and Creative Endeavor Award. *Development of a proton-pump inhibitor stewardship program at a Program of All-Inclusive Care for the Elderly (PACE)*. Total budget: \$2,825. Co-investigator, percent effort 25%. 2018-2019.

TEACHING AND ADVISING

Contemporary Issues in Geriatric Pharmacotherapy PHMD 4890, Fall semester, 2SH

**Course changed from 3SH to 2SH and moved from Spring to Fall semester in 2016*

Developed new course

Role: Course coordinator, problem-based learning facilitator, lecturer (2012-present)

Lectures: interdisciplinary teams, psychosocial aspects of aging, fall prevention, geriatric assessment, end-of-life and hospice care, durable medical equipment, ethics, models of care

Comprehensive Disease Management 1 PHMD 4611 (2014-2024), Spring semester, 6SH

Role: Lecturer (1:50 hours each)

Special Populations: Geriatrics (Spring 2010-2011; 2014-2024)

Dietary Supplements: Vitamins (Spring 2010-2024)

Dietary Supplements: Herbal Therapies (Spring 2010-2024)

Comprehensive Disease Management 4 PHMD 4641 (2015-2025), Spring semester, 6SH

Role: Lecturer (1:50 hours each)

Osteoporosis (Spring 2010-2025)

Alzheimer's disease and other dementias (Spring 2010-2025)

Hormone replacement therapy (Spring 2010-2015, 2019-2025)

Schizophrenia (Spring 2022-2025)

Bipolar Disorder (Spring 2022-2025)

Applied Drug Information PHMD 5560, Fall semester, 2SH (2020-2023)

Assisted in development of new team-based learning course

Role: Lecturer (1:30 hours each)

Adverse drug reactions (2020-2023)

Quality assurance and medication use evaluations (2020-2023)

Evidence Based Medicine PHMD 5223, Fall semester, 2SH (2016-2019)

**Formerly Drug Information & Evaluation PHMD 6223, Summer semester, 3SH (2010-2015)*

Role: Lecturer (1:30 hours each)

Adverse drug reactions (2014-2019)

Information management (2014-2019)

Advanced Pharmacy Practice Experience PHMD 6449, Fall/Summer/Spring semester, 6SH

Role: Primary preceptor (6 weeks—40 hours/week at primary clinic site; 2008-present)

- 2023: 6 students
- 2022: 12 students
- 2021: 13 students

- 2020: 11 students (reduction due to Covid-19 restrictions at site)
- 2019: 15 students
- 2018: 16 students
- 2017: 16 students
- 2016: 18 students (assisted by PGY-1 resident)
- 2015: 21 students (assisted by PGY-1 resident)
- 2014: 24 students (assisted by PGY-1 resident)

Pharmacy Capstone Research PHMD 5600, Variable semesters, 4SH

Role: Course coordinator/mentor for student research

- 2023: 2 students (Fall) “Understanding Older Adult Patient Perspectives and Perception of Inhaled Medications to Optimize Pharmacist Interventions”
- 2023: 1 student (Spring) “Improving Medication Adherence for Patients with COPD and Asthma”
- 2022: 3 students (Spring) “Prevalence of BPSD and Psychopharmacological Medications Among Home-Dwelling Patients with Dementia in a Program of All-Inclusive Care for the Elderly”
- 2021: 1 student (Spring) “Uric acid lowering therapy in chronic kidney disease”
- 2021: 2 students (Spring) “Deprescribing of potentially inappropriate OTC medications”
- 2021: 5 students (Spring) “Quality improvement project for melatonin deprescribing”
- 2021: 4 students (Spring) “Developing an interprofessional education badging program”
- 2020: 3 students (Spring) “Opportunities for concomitant aspirin and PPI deprescribing”
- 2020: 1 student (Spring) “Use of the NPI-Q to measure BPSD in the community setting”
- 2019: 2 students (Spring) “PPI deprescribing initiative in a PACE program”
- 2019: 4 students (Spring) “Prevalence of antipsychotic medications and BPSD in PACE”
- 2018: 2 students (Fall) “Orthostatic hypotension in older adults: Treatment strategies”
- 2018: 1 student (Fall) “Assessment of factors related to fall severity in PACE”
- 2018: 3 students (Spring) “Nitrofurantoin usage in older adults with renal impairment”
- 2017: 2 students (Spring) “Trends in medication incident reporting in PACE”
- 2017: 2 student (Spring) “Evaluation of non-pharmacologic interventions for BPSD”
- 2016: 3 students (Fall) “Preventing falls in a high-risk population: FRAT v2”
- 2016: 2 students (Summer) “Objective measurement of BPSD in community elders”
- 2016: 2 students (Spring) “Determining the effectiveness of a fall risk assessment tool”
- 2016: 1 student (Spring) “2015 Beers criteria and START/STOPP criteria update”
- 2016: 2 students (Spring) “Characteristics of dementia patients using antipsychotics”
- 2015: 3 students (Fall) “Case series of safety and efficacy of nitrofurantoin in elderly”

Pharmacy Directed Studies one-on-one PHMD 4992, Variable semesters, 1-4 SH

Role: Course coordinator/mentor for student research

- 2017 (2 students, 4SH)
- 2016 (2 students, 2SH)
- 2015 (1 student, 2SH)
- 2013 (1 student, 1SH)

Comprehensive Disease Management 2 Seminar PHMD 4612, Summer semester, 1SH

Role: Seminar Facilitator (3 hours weekly/semester), Summer 2019

Comprehensive Disease Management 3 Seminar PHMD 4632, Fall semester, 1SH

Role: Seminar Facilitator (3 hours weekly/semester),

- 2015: 15 students (full semester)
- 2014: 18 students (full semester)

PGY-1 Pharmacy Residency, Northeastern University & Harbor Health Services Inc.

- Primary preceptor for Program of All-inclusive Care for the elderly (PACE)-based resident:
 - Geriatrics (6 weeks), Advanced geriatrics (6 weeks)
 - Anticoagulation (6 weeks), Advanced anticoagulation (6 weeks)
 - Drug information (6 weeks)
 - Experiential teaching (6 weeks)
- Primary preceptor for community health center (CHC)-based residents:
 - Geriatrics (4-6 weeks)
 - Anticoagulation (4-6 weeks)
- Primary preceptor for all residents: Research (longitudinal)

2019-2020: Alexandria Agentieri (geriatric resident), Abigail Elmes, MaryRose Maiullari

2018-2019: Sarah Visintainer (geriatric resident), Mitch Tucci, Jenny Mullakary

2017-2018: Kelsey Sheehan (geriatric resident), Stacy Longo, Jessica Andrade

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) Tejawani

2007-2008: Rebekah Sherman

Northeastern University, School of Pharmacy (Prior to 2014)

Special Topics in Health Care Honors Seminar HLTH 1555

Aging: No Need to Stop the Clock

Co-developed course; received approval in 2012

Role: 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

Role: Lecturer (1:00 hour each)

- Alzheimer's Disease (Spring 2011)

Comprehensive Disease Management 1 PHMD 4586 (2010-2013) 4SH

Role: Lecturer (2:20 hours each 2010-2013)

Special Populations: Geriatrics (Spring 2010-2011)

Dietary Supplements: Vitamins (Spring 2010-present)
Dietary Supplements: Herbal Therapies (Spring 2010-present)

Comprehensive Disease Management 6 PHMD 6266 (2010-2014) Spring semester, 4SH

Role: Lecturer (2:20 hours each 2010-2014); Seminar Facilitator (Spring 2012-2013)

- Osteoporosis
- Hormone Replacement Therapy

Comprehensive Disease Management 7 PHMD 6267 (2010-2014) Spring semester, 4SH

Role: Lecturer (2:20 hours each 2010-2014); Seminar Facilitator (Spring 2011)

- Alzheimer's disease and other dementias

Drug Information and Evaluation PHMD 6223, Summer semester, 3SH

Role: Lecturer (1:15 hours each), paper advisor (5 students/semester)

- 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)

Self-Care PMD U440

Role: Lecturer (1 hour each); Seminar Facilitator (Summer 2009)

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

Therapeutics 1 PMD U539

Role: Lecturer (1:15 hours each); Seminar Facilitator (Summer 2008, 2009)

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

Pathophysiology PMD U401

Role: Lecturer (1 hour each)

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

Therapeutics 4/5 PMD G246

Role: Lab facilitator/Instructor: 4 sections (Spring 2008)

Advising

Faculty Professional Portfolio Advisor to Doctor of Pharmacy students 2008-present

<i>SERVICE AND PROFESSIONAL DEVELOPMENT</i>
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Northeastern University

Department of Pharmacy and Health Systems Sciences

2024 Department Chair National search committee

2022-2023 Non-tenure track search committee (**Co-Chair**)

2015-2021 Pharmacy Research Priority Committee, Member
 2020 POET (Peer Observation and Evaluation of Teaching) Reviewer
 2019 Promotion committee (**Chair**)
 2010-2019 Society for Ambulatory Care, Member
 2017-2018 Non-tenure track search committee (**Co-Chair**)
 2016 Promotion committee (**Co-chair**)
 2016 Department Writing Group (**Facilitator**)
 2010-2016 Faculty Development Strategic Task Force, Member
 2014 Clinical Faculty Promotion Committee, Member
 2010-2011 Communications Committee, Member
 2010-2011 Evaluation of Clinical Services Task Force, Member
 2010 CDTM Scope of Practice in Ambulatory Care, Member

School of Pharmacy and Pharmaceutical Sciences

2016-present Direct Entry Pharmacy Admissions, interviewer
 2022-present ASCP Workgroup: Standards 11-15, Member
 2022-2023 Scholarship and Awards committee
 2021-2022 AACP House of Delegates
 2021-2022 Student Professional Development committee
 2018-2021 Executive committee, Member
 2018-2019 SAIL Ambassador to the School of Pharmacy
 2008-2019 ACPE PGY-1 Ambulatory Care Pharmacy Residency Selection Committee, Member
 2018-2019 AACP House of Delegates
 2016-2018 Office of Experiential Education Experiential Education Advisory Committee, Member
 2012-2017 Faculty Research Development and Mentoring Committee, Member
 2013-2015 ACPE Self-Study: Standards for Students (16-23) Committee, Member
 2013-2015 ACPE Self-Study: Standard 19 Sub-committee, Member
 2010-2015 NAPLEX review, Member
 2009 Health Science Thursday, Faculty representative
 2011-2012 Bylaws Committee, **Chair**
 2008-2012 Bylaws Committee, Member
 2008-2009 ACPE Accreditation Self-Study Curriculum Committee, Member

Bouvé College of Health Sciences

2019-2023 Bouvé Interprofessional Research, Education and Practice, Member
 2020-2022 Bouvé Interprofessional Research, Education and Practice, **Chair**
 2021-2022 Bouvé Research Ad-hoc committee, Member
 2018 Bouvé Non-tenure Track Research Task Force, Member
 2013-2014 Bouvé Interdisciplinary Geriatric Education Faculty Fellowship, Member
 2008-2012 Bouvé Interdisciplinary Geriatrics Education Resource, Member
 2010 Aging Roundtable, Member

Service to the Discipline/Profession

American Society of Consultant Pharmacists (ASCP) Member since 2005

- Education Advisory Committee (2005-2007, 2014-present), **Chair** 2015-2017

- Pharmacy Educators and Research Council (2014-2015, 2017-present)
 - Research subcommittee, **Chair** (2019-present)
- Medication Optimization Committee, member (2023-present)
- REACH Task force (2021-2022)
- Deprescribing Committee (2020-2022)
- Senior Care Pharmacist Workgroup (2018-2022)
 - 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 (2008-2014)

American Geriatrics Society (AGS) Member since 2011

- Pharmacist section (2011-present)
 - **Co-Chair** 2019-2022
 - Annual meeting planning group (2019-present; **Chair** 2020-2022)
- Polypharmacy SIG (2011-present)
- Emerging Leaders in Aging SIG (2016-present)

National PACE Association (NPA) Institutional member since 2009

- Medication Management Workgroup (2018-present)
 - Clinical subcommittee, **Co-Chair** (2019-2021)

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

- Pharmacy Practice, Research and Scholarship committee (2020-2022)
- Pharmacy Practice, Continuing Professional Development committee (2019-2020)
- Pharmacy Practice, Peer Mentoring committee (2018-2019)
- House of Delegates, Faculty Delegate (2021, 2018)

Massachusetts Chapter, American Society of Consultant Pharmacists (MASCP)

Member since 2008

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

American College of Clinical Pharmacy (ACCP) Member since 2003

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

Service to the Clinical Site

Harbor Health Elder Service Plan

2010-present Medicare Part D Compliance Committee, Member

- **Co-chair** 2019-2020

2008-present Quality Assurance and Performance Improvement (QAPI), Member

- Quality Goal 2021: Fall Prevention, member
- Quality Goal 2020: Medication Reconciliation, **Chair**

- Quality Goal 2019: Medication Assessment and Management, **Co-Chair**
- 2010-present Providers Workgroup, Member
- 2008-present Clinical Pharmacy Services Committee, **Co-chair**
- 2020-2021 Covid-19 Transition Unit, Member
- 2019-2021 Pharmacy Provider Transition Team, Member
- 2012-2018 Supportive Care for End-of-Life (SCEL) Committee, Member
- 2009-2017 Falls Prevention Committee, Member
- 2008-2010 Clinical Committee, Member
- 2008-2010 Electronic Medical Records Conversion Team, Member

Service to the Community

- *Pharmacists in Action*. Career day at the Dean S. Luce Elementary School. June 2019.
- *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.

PEER REVIEW

Continuing Education

American Society of Consultant Pharmacists

- 2023 (3 CPE programs, 2 BCGP programs)
- 2022 (2 CPE programs, 2 BCGP programs)
- 2021 (2 CPE programs, 3 BCGP programs)
- 2020 (2 CPE programs, 6 BCGP programs)
- 2019 (2 CPE programs, 4 BCGP programs, 6 posters)
- 2018 (5 CPE programs, 2 BCGP programs)

Professional Journals

- The Senior Care Pharmacist, **Assistant Editor** (2022-present)
- The Senior Care Pharmacist, **peer reviewer** (2020-present)
- Journal of the American Geriatrics Society, **peer reviewer** (2022)
- Journal of the American Society of Health-System Pharmacists, **peer reviewer**
 - (2009, 2022)
- Diabetes Care, **peer reviewer** (2022)
- Maturitas, **peer reviewer** (2021)
- Respiratory Medicine, **peer reviewer** (2018)
- Currents in Pharmacy Teaching and Learning and Pharmacotherapy, **peer reviewer** (2012, 2014-2015, 2017-2018)
- Pharmacy Practice, **peer reviewer** (2017)
- BMJ Open, **peer reviewer** (2017)

- Pharmacotherapy, **peer reviewer** (2011, 2015-2016)
- BMC Cardiovascular Disorders, **peer reviewer** (2016)
- European Respiratory Journal, **peer reviewer** (2015)
- Journal of Health-System Pharmacy Residents, **peer reviewer** (2012)

Monographs

- Lipari M. Patient Wellness, Health Screening, and Preventive Medicine. In Murphy JE, Lee MW, eds. Pharmacotherapy Self-Assessment Program, 2021 Book 3. Chronic Conditions and Public Health. Lenaexa, KS: American College of Clinical Pharmacy, 2021: 61-80. Reviewed by: Bouwmeester C and Cauffield J.
- 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>

AWARDS/HONORS

2023 Northeastern University Full-time Non Tenure-Track Faculty Fellowship

2022 Bouvé College Kenerson Faculty Scholarship Award

The Kenerson Faculty Scholarship Award recognizes a Bouvé faculty member who has shown a commitment to improving the health of people in the urban community through interdisciplinary research and teaching activities. Qualified candidates will have made an impact or potential impact on the community through their interdisciplinary teaching, research or clinical practice.

2021 American Society of Consultant Pharmacists Outstanding Student Preceptor Award and Educator of the Year Award

Presented at the American Society of Consultant Pharmacists Annual Meeting. San Diego, CA. November 2021.

2021 APhA Academy of Pharmaceutical Research & Science (APhA-APRS) Clinical Research Paper Award

Rose TN, Jacobs ML, Reid DJ, Bouwmeester CJ, Conley MP, Fatehi B, Matta TM, Barr JT. Real-world impact on monthly glucose-lowering medication cost, HbA1c, weight, and polytherapy after initiating a GLP-1 receptor agonist. J Am Pharm Assoc (2003). 2020 Jan-Feb;60(1):31-38.e1.

2019 American Society of Consultant Pharmacists (ASCP) Top 5 Poster Submission

McCarrell J, Bouwmeester C. PACE: An interdisciplinary community-based practice opportunity for pharmacists. November 2019

2017 American College of Clinical Pharmacy (ACCP) Geriatrics SIG Honorable Mention Poster

Lee J*, Huh JJ*, Bouwmeester C. Trends in medication incident reports in a Program of All-inclusive Care for the Elderly (PACE).

- 2014 American Society of Consultant Pharmacists (ASCP) Poster Finalist**
Bouwmeester C, Kraft J*, Bungay K. Optimizing inhaler use by pharmacist-provided education to community-dwelling elderly in a PACE Program.
- 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

- 2017-present Board Certified Geriatric Pharmacist (BCGP)
Board of Pharmaceutical Specialties
Certified in 2017
Expires: 12/31/24
- 2004-2024 Board Certified Pharmacotherapy Specialist (BCPS)
Board of Pharmaceutical Specialties
Recertified in 2010, 2017
Expires: 12/31/24
- 2002-present Commonwealth of Massachusetts
Board of Registration in Pharmacy
License #PH25475
Expires: 12/31/24
- 2002-present Basic Life Saving for Healthcare Professionals (CPR and AED)
Expires: September 2024
- 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