

**CURRICULUM VITAE**  
**Lori A. Daiello Pharm.D, ScM**

**Address:** Alzheimer's Disease and Memory Disorders Center  
Neurology Department  
Rhode Island Hospital  
593 Eddy Street, APC 725  
Providence, Rhode Island 02903

**Email:** [ldaiello@brownhealth.org](mailto:ldaiello@brownhealth.org)  
[lori\\_daiello@brown.edu](mailto:lori_daiello@brown.edu)

**EDUCATION**

1982-1986 B.S., Pharmacy, The Ohio State University, Columbus, OH,  
1990-1993 Pharm.D, The Ohio State University Columbus, OH  
2009-2012 Sc.M., Epidemiology, Brown University School of Public Health, Providence, RI

**POSTGRADUATE TRAINING**

2006-2008 T-32 Dementia Research Fellowship, Brown University Alpert Medical School  
Alzheimer's Disease & Memory Disorders Center, Rhode Island Hospital  
Providence, RI

**AWARDS AND HONORS**

1996 Award for Excellence and Contributions to Pharmacy Practice  
The Ohio State University College of Pharmacy, Columbus, OH  
1997 Outstanding Faculty Award University of Florida, Orlando, FL  
Working Professional PharmD Program  
2000 Outstanding Faculty Award University of Florida, Orlando, FL  
Working Professional PharmD Program  
2004 Professional Impact Award, Alzheimer's Resource Center, Orlando, FL  
2004 Best Pharmacists in America  
2007 Young Investigators Award, Clinical Science Category  
15<sup>th</sup> Annual Lifespan Research Celebration, Providence, RI  
2008 3<sup>rd</sup> Annual Senior Care Pharmacist Award  
American Society of Consultant Pharmacists  
2020 7<sup>th</sup> Perioperative Neurotoxicity Conference Travel Award, Barcelona, Spain  
Alzheimer's Association International Society to Advance Alzheimer's  
Research and Treatment, Perioperative Neurocognition Special Interest Group

**PROFESSIONAL LICENSES AND BOARD CERTIFICATION**

|              |                                                           |
|--------------|-----------------------------------------------------------|
| 1996-2010    | Board of Pharmaceutical Specialties, Psychiatric Pharmacy |
| 1996-present | Florida Pharmacist License                                |
| 2009-present | Rhode Island Pharmacist License                           |

#### **ACADEMIC APPOINTMENTS**

|             |                                                                                                                                |
|-------------|--------------------------------------------------------------------------------------------------------------------------------|
| 1986-1996   | Clinical Instructor, The Ohio State University College of Pharmacy, Columbus, OH                                               |
| 1997-2000   | Clinical Instructor, University of Florida, Orlando, FL<br>Working Professional Pharm.D Program                                |
| 2009-2019   | Assistant Professor of Neurology (Research), Warren Alpert Medical School of Brown University, Providence, RI                  |
| 2012-2019   | Assistant Professor of Health Services, Policy & Practice (Research), Brown University School of Public Health, Providence, RI |
| July 2019 - | Associate Professor of Neurology (Research), Warren Alpert Medical School of Brown University, Providence, RI                  |
| July 2019 - | Associate Professor of Health Services, Policy & Practice (Research), Brown University School of Public Health, Providence, RI |

#### **HOSPITAL APPOINTMENTS**

|              |                                                                                                                   |
|--------------|-------------------------------------------------------------------------------------------------------------------|
| 2008-2016    | Research Associate II, Alzheimer's Disease and Memory Disorders Center, Rhode Island Hospital, Providence, RI     |
| 2017-2019    | Research Scientist, Alzheimer's Disease and Memory Disorders Center, Rhode Island Hospital, Providence, RI        |
| 2020-present | Senior Research Scientist, Alzheimer's Disease and Memory Disorders Center, Rhode Island Hospital, Providence, RI |

#### **OTHER APPOINTMENTS**

|              |                                                                                                                                                     |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 1986-1996    | Clinical Consultant Pharmacist, NCS Healthcare                                                                                                      |
| 1988-1993    | Consultant Pharmacist, NCS Healthcare                                                                                                               |
| 1991-1993    | Staff Pharmacist, The Ohio State University Hospitals, Columbus, OH                                                                                 |
| 1993-1996    | Pharmacopsychiatric Clinical Specialist, NCS Healthcare                                                                                             |
| 1995-1996    | Ohio Department of Mental Health Long Term Care Behavioral Task Force                                                                               |
| 1996-2000    | Clinical Coordinator and Psychopharmacology Specialist<br>Orlando Regional Healthcare, Senior Services Division                                     |
| 1998-1999    | Advisor, State of Florida Panel for the Study of End-of-Life Care                                                                                   |
| 1999-2002    | Member, Joint Scientific Advisory Committee on Psychiatric Services in Long Term Care                                                               |
| 2000-present | President and Psychopharmacology Specialist, Pharmacotherapy Solutions                                                                              |
| 2001         | Psychopharmacology Consultant, Orlando Regional Memory Disorders Clinic, Orlando, FL                                                                |
| 2012-2013    | Member, Long Term Care Technical Expert Panel, Psychotropic Drug Prescribing Quality Measures for Minimum Data Set and Medicare Part D              |
| 2012-present | Member, Alzheimer's Association International Society to Advance Alzheimer's Research and Treatment, Perioperative Cognition Special Interest Group |
| 2012-2013    | Member, Member, Research Subcommittee, Rhode Island Alzheimer's Disease                                                                             |

|              |                                                                                                                                                                           |
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|              | State Plan                                                                                                                                                                |
| 2013-2014    | Member, American Academy of Neurology, Neuropharmacoeconomic Work Group                                                                                                   |
| 2015-2017    | Co-Chair, Bi-Annual Rhode Island Alzheimer's Disease Research Conference                                                                                                  |
| 2018-2020    | Advisor, Global Council on Brain Health; Member, Consensus Working Group (2018): Role of Mental Wellbeing on Cognitive Health in Aging                                    |
| 2022-2024    | Member, Brown University Search Committee, Carney Institute for Brain Science, Alzheimer's Disease Research Director                                                      |
| 2015-present | Investigator, Alzheimer's Disease Neuroimaging Initiative (ADNI)                                                                                                          |
| 2015-present | Member, Editorial Board, Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring                                                                               |
| 2017-present | Member, New England Regional Alzheimer's Association MedSci Committee                                                                                                     |
| 2023-present | Member, Australian Delirium Network Working Group: Development of Core Outcome Sets for Effectiveness Trials of Interventions To Prevent and/or Treat Delirium (Del-Cors) |
| 2024-        | Member, Rhode Island State Advisory Council on Alzheimer's Disease                                                                                                        |

#### **JOURNAL REVIEWER**

|              |                                                                     |
|--------------|---------------------------------------------------------------------|
| 2009-present | Journal of the American Geriatrics Society                          |
| 2010-present | Journal of the American Medical Directors Association               |
| 2010-present | Alzheimer's & Dementia                                              |
| 2011-present | Current Drug Safety                                                 |
| 2011-present | Journal of Geriatrics                                               |
| 2012-present | European Journal of Neurology                                       |
| 2012-present | BMC Geriatrics                                                      |
| 2013-present | Journal of Neurology and Psychology                                 |
| 2015-present | Alzheimer's & Dementia, Diagnosis, Assessment, & Disease Monitoring |
| 2019-present | Annals of Internal Medicine                                         |
| 2020-present | BMJ Open                                                            |
| 2020-present | Journal of Clinical Psychopharmacology                              |
| 2023-present | BMC Anesthesiology                                                  |
| 2024-present | Frontiers in Neurology                                              |

#### **GRANT REVIEWER**

|              |                                                                                                     |
|--------------|-----------------------------------------------------------------------------------------------------|
| 2014-2016    | Network for Investigating Delirium: Unifying Scientists (NIDUS), Cedartree Annual Delirium Bootcamp |
| 2015-2016    | American Society of Consultant Pharmacist, Innovation in Senior Care Pharmacy Awards                |
| 2022-present | Ethel Moore Alzheimer's Disease Research Program                                                    |

#### **MEMBERSHIP IN SOCIETIES**

|              |                                                   |
|--------------|---------------------------------------------------|
| 1986-present | American Society of Consultant Pharmacists        |
| 1994-1995    | <u>Member</u> , Educational Advisory Committee    |
| 1998-1999    | <u>Member</u> , Educational Advisory Committee    |
| 1999-2000    | <u>Chair</u> , Educational Advisory Committee     |
| 2001-2003    | <u>Board of Directors</u>                         |
| 2015-2020    | <u>Board of Trustees</u> , ASCP Foundation        |
| 2000-present | College of Psychiatric and Neurologic Pharmacists |

2010-present Alzheimer's Association International Society to Advance Alzheimer's Research and Treatment (ISTAART)  
 2012-present ISTAART Perioperative Neurocognition Special Interest Group  
 2014-present Board of Directors, Alzheimer's Association, Rhode Island Chapter  
 2019-present American Delirium Society

## PUBLICATIONS LIST

### Original Publications in Peer-Reviewed Journals

1. **Daiello LA**. Cholinesterase inhibitors for the treatment of Alzheimer's disease: a review for the consultant pharmacist. *Consult Pharm* 2001; 16:1137-50.
2. Ryan JM, Kidder SW, **Daiello LA**, Tariot PN. Psychopharmacologic interventions in nursing homes: What do we know and where should we go? *Psychiatr Serv* 2002 Nov;53(11):1407-13
3. Golden AG, **Daiello LA**, Silverman MA, Llorente M, Preston RA. University of Miami Division of Clinical Pharmacology Therapeutic Rounds: Medications used to treat anorexia in the frail elderly. *Am J Ther* 2003;10(4):292-8.
4. **Daiello LA**, Beier MT, Hoffman VP, Kennedy JS. Pharmacotherapy of behavioral and psychological symptoms of dementia: A review of atypical antipsychotics. *Consult Pharm* 2003;18:138-57.
5. **Daiello LA**. Atypical antipsychotics for dementia-related behaviors. *Applied Neurology* 2007;3(10):16-22.
6. Ott BR, Heindel WC, Papandonatos GD, Festa EK, Davis JD, **Daiello LA**, Morris JC. A longitudinal study of drivers with dementia. *Neurology* 2008;70(14):1171-8.
7. Jalbert JJ, **Daiello LA**, Lapane KL. The epidemiology of dementia of the Alzheimer's type: A review. *Epidemiologic Rev* 2008;30:15-34.
8. **Daiello LA**, Ott BR, Lapane KL, Reinert SE, Machan JT, Dore D. Effect of discontinuing cholinesterase inhibitor therapy on behavioral and mood symptoms in nursing home patients with dementia. *Am J Geriatric Pharmacotherapy* 2009; 7:74-83.
9. Ott BR, **Daiello LA**. How does dementia affect driving in older patients? *Aging Health* 2010;6:77-85.
10. **Daiello LA**, Ott BR, Festa EK, Miller LA, Heindel WC. Effect of cholinesterase inhibitors on visual attention in drivers with mild Alzheimer's Disease, *J Clin Psychopharmacology* 2010; 30(3):245-51.
11. Parsons C, Alldred D, **Daiello LA**, et al. Prescribing for older people in nursing homes: strategies to improve prescribing and medicines use in nursing homes. *International Journal of Older People Nursing* 2011;6:55-62.

12. Lapane KL, Hughes CM, **Daiello LA**, Cameron KA, Feinberg J. Impact of a Pharmacist-Led Multi-component Intervention Focusing on the Medication Monitoring Phase to Prevent Potential Adverse Drug Events in Nursing Homes. *J Am Geriatr Soc.* 2011; 59:1238-45.
13. Jalbert JJ, **Daiello LA**, Eaton CB, Miller SC, Lapane KL. Antipsychotic use and the risk of diabetes in nursing home residents with dementia. *Am J Geriatr Pharmacother.* 2011;9:153-63.
14. Lapane KL, Hughes CM, **Daiello LA**, Cameron KA, Feinberg J. Impact of information technology in the medication monitoring phase to prevent adverse drug events in nursing homes. *J Am Med Dir Assoc.* 2011;12:355-63.
15. Daniels AH, **Daiello LA**, Lareau CR, Born CT, et al. Preoperative cognitive impairment, pain, and psychological stress in hospitalized elderly patients awaiting surgery for hip fracture. *Am J Orthop (Belle Mead NJ).* 2014;43:E146-52.
16. **Daiello LA**, Gardner R, Epstein-Lubow G, Butterfield K, Gravenstein S. Association of dementia with early rehospitalization among Medicare beneficiaries. *Arch Gerontol Geriatr.* 2014;59 (1):162-8.
17. **Daiello LA**, Gongvatana W, Dunsiger S, Cohen R, Ott BR. Association of fish oil use with preservation of brain volume and cognitive function. *Alzheimers Dement* 2015;11:226-35.
18. Ott BR, **Daiello LA**, Dahabreh IJ, Springate BA, Bixby K, Murali M, Trikalinos TA. Do statins impair cognition? A systematic review and meta-analysis of randomized controlled trials. *J Gen Intern Med* 2015;30:348-58.
19. Dahabreh IJ, Adam GP, Halladay CW, Steele DW, **Daiello LA**, Wieland LS, Zgodic A, Smith BT, Herliczek TW, Shah N, Trikalinos TA. Diagnosis of right lower quadrant pain and suspected acute appendicitis [Internet]. Rockville (MD): Agency for Healthcare Research and Quality (US); 2015.
20. Snyder PJ, Lim YY, Schindler R, Ott BR, Salloway S, **Daiello LA**, Getter C, Gordon CM, Maruff P. Microdosing of scopolamine as a "cognitive stress test": rationale and test of a very low dose in an at-risk cohort of older adults. **Alzheimers Dement.** 2014 Mar;10(2):262-7.
21. Zullo AR, Dore DD, **Daiello L**, Baier RR, Gutman R, Gifford DR, Smith RJ. National trends in treatment initiation for nursing home residents with diabetes mellitus, 2008 to 2010. *J Am Med Dir Assoc.* 2016 Jul 1;17(7):602-8.
22. Steinman MA, Zullo AR, Lee Y, **Daiello LA**, Boscardin WJ, Dore DD, Gan S, Fung K, Lee SJ, Komaiko KD, Mor V. Association of  $\beta$ -blockers with functional outcomes, death, and rehospitalization in older nursing home residents after acute myocardial infarction. *JAMA Intern Med.* 2017 Feb 1;177(2):254-262.

23. Zullo AR, Lee Y, **Daiello LA**, Mor V, John Boscardin W, Dore DD, Miao Y, Fung KZ, Komaiko KDR, Steinman MA. Beta-blocker use in U.S. nursing home residents after myocardial infarction: a national study. *J Am Geriatr Soc*. 2017 Apr;65(4):754-762.
24. Berry SD, Zullo AR, McConeghy K, Lee Y, **Daiello L**, Kiel DP. Defining hip fracture with claims data: outpatient and provider claims matter. *Osteoporosis Int* 2017 Jul;28(7):2233-2237.
25. Berry SD, Zullo AR, Lee Y, Mor V, McConeghy KW, Banerjee G, D'Agostino RB, **Daiello L**, Dosa D, Kiel DP. Fracture risk assessment in long-term care (FRAIL): development and validation of a prediction model. *J Gerontol A Biol Sci Med Sci*. 2017 Aug. [Epub ahead of print].
26. McConeghy KW, Lee Y, Zullo AR, Banerjee G, **Daiello L**, Dosa D, Kiel DP, Mor V, Berry SD. Influenza illness and hip fracture hospitalizations in nursing home residents: are they related? *J Gerontol A Biol Sci Med Sci*. 2018 Nov 10;73(12):1638-1642. doi: 10.1093/gerona/glx200.
27. Zullo AR, Sharmin S, Lee Y, **Daiello LA**, Shah NR, Boscardin JW, Dore DD, Lee SJ, Steinman MA. secondary prevention medication use after myocardial infarction in u.s. nursing home residents. *J Am Geriatr Soc* 2017 Nov;65(11):2397-2404.
28. Berry SD, Zullo AR, McConeghy K, Lee Y, **Daiello L**, Kiel DP. Administrative health data: guilty until proven innocent. Response to comments by Levy and Sobolev. *Osteoporosis Int* 2018 Jan;29(1):255-256. doi: 10.1007/s00198-017-4244-4. Epub 2017 Oct 6.
29. Zullo AR, Zhang T, Beaudoin FL, Lee Y, McConeghy KW, Kiel DP, **Daiello LA**, Mor V, Berry SD. Pain Treatments After Hip Fracture Among Older Nursing Home Residents. *J Am Med Dir Assoc* 2018 Feb;19(2):174-176. doi: 10.1016/j.jamda.2017.11.008. Epub 2017 Dec 26.
30. Zullo AR, Zhang T, Banerjee G, Lee Y, McConeghy KW, Kiel DP, **Daiello LA**, Mor V, Berry SD. Facility and state variation in hip fracture in US nursing home residents. *J Am Geriatr Soc* 2018 Dec 21. doi: 10.1111/jgs.15725. [Epub ahead of print]
31. Zhang T, Berry SD, Zullo AR, **Daiello LA**, McConeghy K, Lee Y, Kiel DP. Epidemiology of hip fracture in nursing home residents with multiple sclerosis. *Disabil Health J* 2018 Oct;11(4):591-597. doi: 10.1016/j.dhjo.2018.03.002. Epub 2018 Mar 21.
32. De la Monte SM, **Daiello LA**, Hapel AJ, Tong M, Ott BR. Altered serum and cerebrospinal fluid inflammatory cascades in mild cognitive impairment and Alzheimer's disease. *J Neuroinflamm Neurodegen Dis*. 2018;1:1-24.
33. Johanson C, Stopa E, **Daiello LA**, de la Monte S, Keane M, Ott BR. Disrupted blood-cerebrospinal fluid barrier and CSF composition in mild cognitive impairment and Alzheimer's disease, *J Alz Dis & Parkinsonism* 2018;8:435. doi: 10.4172/2161-0460.1000435

34. Reznik ME, Yaghi S, Jayaraman MV, McTaggart RA, Hemendinger M, Mac Grory BC, Burton TM, Cutting SM, Thompson BB, Wendell LC, Mahta A, Potter NS, **Daiello LA**, Kosar CM, Jones RN, Furie KL. Level of consciousness at discharge and associations with outcome after ischemic stroke. *J Neurol Sci*. 2018 Jul 15;390:102-107. doi: 10.1016/j.jns.2018.04.022.
35. **Daiello LA**, Tannenbaum C. Patient-oriented policies to reduce the harmful effects of medication on seniors' brain function. *Public Policy Aging Rep*. 2018 Nov;28(4):124-128. doi: 10.1093/ppar/pry031. Epub 2018 Sep 28.
36. Ott BR, Jones RN, **Daiello LA**, de la Monte SM, Stopa EG, Johanson CE, Denby C, Grammas P. Blood-cerebrospinal fluid barrier gradients in mild cognitive impairment and Alzheimer's disease: relationship to inflammatory cytokines and chemokines. *Front Aging Neurosci* 2018 Aug 21;10:245. doi: 10.3389/fnagi.2018.00245. eCollection 2018.
37. Zullo AR, Hersey M, Lee Y, Sharmin S, Bosco E, **Daiello LA**, Shah NR, Mor V, Boscardin WJ, Berard-Collins CM, Dore DD, Steinman MA. Outcomes of "diabetes-friendly" vs "diabetes-unfriendly"  $\beta$ -blockers in older nursing home residents with diabetes after acute myocardial infarction. *Diabetes Obes Metab* 2018 Dec;20(12):2724-2732. doi: 10.1111/dom.13451. Epub 2018 Jul 22.
38. Zullo AR, Zhang T, Lee Y, McConeghy KW, **Daiello LA**, Kiel DP, Mor V, Berry SD. Effect of bisphosphonates on fracture outcomes among frail older adults. *J Am Geriatr Soc* 2018 Dec 21. doi: 10.1111/jgs.15725.
39. Jones RN, Cizginer S, Pavlech L, Albuquerque A, **Daiello LA**, Dharmarajan K, Gleason LJ, Helfand B, Massimo L, Oh E, Okereke OI, Tabloski P, Rabin LA, Yue J, Marcantonio ER, Fong TG, Hsieh TT, Metzger ED, Erickson K, Schmitt EM, Inouye SK; Better Assessment of Illness (BASIL) Study Group. Assessment of Instruments for Measurement of Delirium Severity: A Systematic Review. *JAMA Intern Med*. 2019 Feb 1;179(2):231-239. doi: 10.1001/jamainternmed.2018.6975.
40. De la Monte SM, Tong M, **Daiello LA**, Ott BR. Early-stage Alzheimer's disease is associated with simultaneous systemic and central nervous system dysregulation of insulin-linked metabolic pathways. *J Alzheimer Dis* 2019;68(2):657-668.
41. **Daiello LA**, Racine AM, Yun Gou R, Marcantonio ER, Xie Z, Kunze LJ, Vlassakov KV, Inouye SK, Jones RN, SAGES Study Group: Alsop D, Trivison T, Arnold S, Cooper Z, Dickerson B, Fong T, Metzger E, Pascual-Leone A, Schmitt EM, Shafi M, Cavallari M, Dai W, Dillon ST, McElhaney J, Guttmann C, Hsieh T, Kuchel G, Libermann T, Ngo L, Press D, Saczynski J, Vasunilashorn S, O'Connor M, Kimchi E, Strauss J, Wong B, Belkin M, Ayres D, Callery M, Pomposelli F, Wright J, Schermerhorn M, Abrantes T, Albuquerque A, Bertrand S, Brown A, Callahan A, D'Aquila M, Dowal S, Fox M, Gallagher J, Anna Gersten R, Hodara A, Helfand B, Inloes J, Kettell J, Kuczmarska A, Nee J, Nemeth E, Ochsner L, Palihnich K, Parisi K, Puelle M, Rastegar S, Vella M, Xu G, Bryan M, Guess J, Enghorn D, Gross A, Gou Y, Habtemariam D, Isaza I, Kosar C, Rockett C, Tommet D,

- Gruen T, Ross M, Tasker K, Gee J, Kolanowski A, Pisani M, de Rooij S, Rogers S, Studenski S, Stern Y, Whittlemore A, Gottlieb G, Orav J, Sperling R. Postoperative delirium and postoperative cognitive dysfunction: Overlap and Divergence. *Anesthesiology*. 2019; 131(3):477-491.
42. Margolis SA, Zughaft Sears M, **Daiello LA**, Solon C, Nakhutina L, Hoogendorn C, Gonzalez JS. Anticholinergic/sedative drug burden predicts worse memory acquisition in older racially/ethnically diverse patients with type 2 diabetes mellitus. *Int J Geriatr Psychiatry*. 2019 Jul 17. doi: 10.1002/gps.5173.
  43. Miller SC, Cai S, **Daiello LA**, Shireman TI, Wilson IB. Nursing Home Residents by Human Immunodeficiency Virus Status: Characteristics, Dementia Diagnoses, and Antipsychotic Use. *J Am Geriatr Soc*. 2019;67(7):1353-1360.
  44. Sine K, Lee Y, Zullo AR, **Daiello LA**, Zhang T, Berry SD. Incidence of Lower-Extremity Fractures in US Nursing Homes. *J Am Geriatr Soc*. 2019; 67(6):1253-1257.
  45. Reznik ME, **Daiello LA**, Thompson BB, Wendell LC, Mahta A, Potter NS, Yaghi S, Levy MM, Fehnel CR, Furie KL, Jones RN. Fluctuations of consciousness after stroke: Associations with the confusion assessment method for the intensive care unit (CAM-ICU) and potential undetected delirium. *J Crit Care*. 2019;56:58-62.
  46. Reznik ME, Drake J, Margolis SA, Moody S, Murray K, Costa S, Mahta A, Wendell LC, Thompson BB, Rao SS, Barrett AM, Boukrina O, **Daiello LA**, Asaad WF, Furie KL, Jones RN. Deconstructing Poststroke Delirium in a Prospective Cohort of Patients With Intracerebral Hemorrhage. *Crit Care Med*. 2020;48(1):111-118.
  47. Reznik ME, Drake J, Margolis SA, Mahta A, Wendell LC, Thompson BB, Rao SS, **Daiello LA**, Furie KL, Jones RN. The authors reply. *Crit Care Med*. 2020 Jul;48(7):e636-e637.
  48. Berry SD, **Daiello LA**, Lee Y, Zullo AR, Wright NC, Curtis JR, Kiel DP. Secular Trends in the Incidence of Hip Fracture Among Nursing Home Residents. *J Bone Miner Res* 2020; 35(9):1668-1675.
  49. Reznik ME, Moody S, Murray K, Costa S, Grory BM, Madsen TE, Mahta A, Wendell LC, Thompson BB, Rao SS, Stretz C, Sheth KN, Hwang DY, Zahuranec DB, Schrag M, **Daiello LA**, Asaad WF, Jones RN, Furie KL. The impact of delirium on withdrawal of life-sustaining treatment after intracerebral hemorrhage. *Neurology* 2020;95(20):e2727-e2735.
  50. Zullo AZ, Lee YL, Lary C, **Daiello LA**, Kiel DP & Berry SD. Comparative effectiveness of denosumab, teriparatide, and zoledronic acid among frail older adults: a retrospective cohort study. *Osteoporos Int*. 2021 Mar;32(3):565-573.
  51. Korthauer LE, Denby C, Molina D, Wanjiku J, **Daiello LA**, Drake JD, Grill JD, Ott BR. Pilot Study of an Alzheimer's Disease Risk Assessment Program in a Primary Care Setting.

Alzheimers Dement (Amst). 2021 Feb 20;13(1):e12157.

52. Gerlach LB, Fashaw S, Strominger J, Ogarek J, Zullo AR, **Daiello LA**, Teno J, Shireman TI, Bynum JPW. Trends in antipsychotic prescribing among long-term care residents receiving hospice care. *J Am Geriatr Soc.* 2021;69(8):2152-2162.
53. Drake JD, Chambers AB, Ott BR, **Daiello LA**. Peripheral markers of vascular endothelial dysfunction show independent but additive relationships with brain-based biomarkers in association with functional impairment in alzheimer's disease. *Alzheimers Dis.* 2021; 80(4):1553-1565.
54. Margolis SA, Kelly DA, **Daiello LA**, Davis J, Tremont G, Pillemer S, Denby C, Ott BR. Anticholinergic/sedative drug burden and subjective cognitive decline in older adults at risk of Alzheimer's disease. *J Gerontol A Biol Sci Med Sci.* 2021;76:1037-1043.
55. Reznik ME, Kalagara R, Moody S, Drake J, Margolis SA, Cizginer S, Mahta A, Rao SS, Stretz C, Wendell LC, Thompson BB, Asaad WF, Furie KL, Jones RN, **Daiello LA**. Common biomarkers of physiologic stress and associations with delirium in patients with intracerebral hemorrhage. *J Crit Care.* 2021;64:62-67.
56. Cheng S, Banerjee S, **Daiello LA**, Nakashima A, Jash S, Huang Z, Drake JD, Ernerudh J, Berg G, Padbury J, Saito S, Ott BR, Sharma S. Novel blood test for early biomarkers of preeclampsia and Alzheimer's disease. *Nature: Scientific Reports.* 2021; 11:15934.
57. Mintz J, Duprey MS, Zullo AR, Lee Y, Kiel DP, **Daiello LA**, Rodriguez KE, Venkatesh AK, Berry SD. Identification of Fall-related Injuries in Nursing Home Residents using Administrative Claims Data. *J Gerontol A Biol Sci Med Sci.* 2021:glab274.
58. Lee DS, Zullo AR, Lee Y, **Daiello LA**, Kim DH, Kiel DP, Berry SD. Discontinuation of beta-blockers among nursing home residents at end of life. *J Am Geriatr Soc.* 2022;70:200-207.
59. Zhang T, Wilson IB, Zullo AR, Meyers DJ, Lee Y, **Daiello LA**, Kim DH, Kiel DP, Shireman TI, Berry SD. Hip fracture rates in nursing home residents with and without HIV. *J Am Med Dir Assoc.* 2022;23(3):517-518.
60. Reznik ME, Margolis SA, Mahta A, Wendell LC, Thompson BB, Stretz C, Rudolph JL, Boukrina O, Barrett AM, **Daiello LA**, Jones RN, Furie KL. Impact of delirium on outcomes after intracerebral hemorrhage. *Stroke.* 2022;53(2):505-513.
61. Mintz J, Duprey MS, Zullo AR, Lee Y, Kiel DP, **Daiello LA**, Rodriguez KE, Venkatesh AK, Berry SD. Identification of fall-related injuries in nursing home residents using administrative claims data. *J Gerontol A Biol Sci Med Sci.* 2022;77(7):1421-1429.
62. Duprey MS, Zullo AR, Gouskova NA, Lee Y, Capuano A, Kiel DP, **Daiello LA**, Kim DH, Berry SD. Development and validation of the fall-related injury risk in nursing homes (INJURE-NH) prediction tool. *J Am Geriatr Soc.* 2023 Jun;71(6):1851-1860.

63. Coe AB, Zhang T, Zullo AR, Gerlach LB, Thomas KS, **Daiello LA**, Varma H, Lo D, Joshi R, Shireman TI, Bynum JPW. Psychotropic medication prescribing in assisted living and nursing home residents with dementia after the National Partnership. *J Am Geriatr Soc.* 2022;70(12):3513-3525.
64. Cizginer S, Prohl EG, Monteiro JFG, Yildiz F, Jones RN, Schechter S, Patterson R, Klipfel A, Katlic MR, **Daiello LA**, Mujahid N, Neupane I, Cioffi WG, Ducharme M, D. Vrees M, McNicoll L. Integrated postoperative care model for older colorectal surgery patients improves outcomes and reduces healthcare costs. *J Am Geriatr Soc.* 2023; 71(5):1452-1461.
65. Shireman TI, Fashaw-Walters S, Zhang T, Zullo AR, Gerlach LB, Coe AB, **Daiello LA**, Lo D, Strominger J, Bynum JPW. Federal nursing home policies on antipsychotics had similar impacts by race and ethnicity for residents with dementia. *J Am Med Dir Assoc.* 2023; 24 (9):1283-1289. \*\*\*
66. Zhang T, Thomas KS, Zullo AR, Coe AB, Gerlach LB, Daiello LA, Varma H, Lo D, Joshi R, Bynum JPW, Shireman TI. State Variation in Antipsychotic Use Among Assisted Living Residents with Dementia. *J Am Med Dir Assoc.* 2023 Apr;24(4):555-558.
67. Zhang T, Zullo AR, James HO, Lee Y, Taylor DCA, **Daiello LA**. The burden and treatment of chronic constipation among US nursing home residents. *J Am Med Dir Assoc.* 2023;24(8):1247-1252.
68. Hayes KN, Zhang T, Kim DH, **Daiello LA**, Lee Y, Kiel DP, Berry SD, Zullo AR. Benefits and harms of standard versus reduced-dose direct oral anticoagulant therapy for older adults with multiple morbidities and atrial fibrillation. *J Am Heart Assoc.* 2023 Nov 7;12(21):e029865.
69. Zhang T, Zullo AR, Hayes KKN, Kim DH, Lee Y, **Daiello LA**, Kiel DP, Berry SD. Use of Diabetes Medications before and after a Heart Failure-Related Hospitalization among Nursing Home Residents. *J Am Med Dir Assoc.* 2024 Mar;25(3):454-458.
70. Berry SD, Hayes K, Lee Y, Zhang Y, Kim DH, Ko D, Kiel DP, **Daiello LA**, Zhang T, Zullo AR. Fall risk and cardiovascular outcomes of first-line antihypertensive medications in nursing home residents. *J Am Geriatr Soc.* 2024 Mar;72(3):682-692.
71. Hinkle CE, Davis JD, Arias I, Goldstein A, **Daiello L\***, Margolis SA. Anticholinergic and sedative medication use in older patients with cognitive concerns. *J Am Geriatr Soc.* 2024 Sep;72(9):2792-2799. \*co-senior authors
72. Riester MR, Zullo AR, Joshi R, **Daiello LA**, Hayes KN, Ko D, Kim DH, Munshi M, Berry SD. Comparative safety and cardiovascular effectiveness of sodium-glucose cotransporter-2 inhibitors and glucagon-like peptide-1 receptor agonists in nursing homes. *Diabetes Obes Metab.* 2024 Aug;26(8):3403-3417.
73. Shireman TI, Coulibaly N, Zhang T, Zullo AR, Gerlach LB, Coe AB, **Daiello LA**, Lo D, Bynum JPW. Impact of federal antipsychotic use policy in nursing homes on new

diagnoses for approved indications in dementia residents. J Am Geriatr Soc. 2024; 72(12):3742-3752.

74. Stettenbauer EG, Berry SD, Lee Y, Zullo AR, **Daiello LA**. Evaluating Lecanemab Eligibility for Patients in Skilled Nursing Facilities With Alzheimer Disease or Mild Cognitive Impairment. J Am Med Dir Assoc. 2024;25(11):105192.
75. Cupp MA, Berry SD, Hayes KN, **Daiello LA**, Ko D, Riester MR, Zullo AR. Cholinesterase Inhibitor Initiation Does Not Increase the Risk of Fall-Related Injury in Older Adults Treated With Beta-Blockers: A Self-Controlled Case Series Design. J Gerontol A Biol Sci Med Sci. 2024;79(11):219.
76. Coe AB, Zhang T, Zullo AR, Gerlach LB, **Daiello LA**, Varma H, Lo D, Joshi R, Bynum JPW, Shireman TI. Association of nursing home antipsychotic reduction policies with antipsychotic use in community dwellers with dementia. J Am Geriatr Soc. 2025; 73(1):214-222.
77. Zullo AR, Riester MR, Varma H, **Daiello LA**, Gerlach LB, Coe AB, Thomas KS, Joshi R, Zhang T, Shireman TI, Bynum JPW. Effects of Nursing Home Changes in Antipsychotic Use on Outcomes among Residents with Dementia. J Am Med Dir Assoc. 2025;26(3):105439.
78. Sullivan KL, Hallowell ES, Goldstein A, Commissariat PV, **Daiello LA**, Davis JD, Margolis SA. Medication adherence feedback with older adults with cognitive impairment: a mixed Methods study. Clin Neuropsychol. 2025 Jan 9:1-21.
79. McAnena AP, Zullo AR, Joshi R, **Daiello LA**, Berry SD. High Anticholinergic Burden of Patients Hospitalized for Hip Fracture Reveals a Target for Deprescribing. J Am Med Dir Assoc. 2025;26(5):105537.
80. Hameed F, Sanborn V, Nester C, **Daiello LA**. From Acute Confusion to Chronic Decline: The Cognitive Impact of Delirium in Older Adults. R I Med J (2013). 2025;108(5):26-31.

#### **Other Peer-Reviewed Publications**

1. **Daiello LA**. "Psychopharmacy in the long-term care setting: A new frontier for pharmacy practice." Journal of Pharmacy Practice 1995; 5:228-231.
2. **Daiello, LA**. "Optimizing antidepressant drug therapy: The role of the consultant pharmacist. The Consultant Pharmacist 1993;(Suppl A);A31-38.
3. Eckenhoff, RG, for the Perioperative Neurotoxicity Working Group: Avidan MS, Baranov D, Bickler PE, Cibelli M, Crosby GJ, Crowder CM, Culley DJ, **Daiello LA**, et al. Second international perioperative neurotoxicity workshop summary. Analgesia and Anesthesia 2011;112:1253-1254.
4. **Daiello LA**. Does omega-3 fatty acid supplementation benefit cognition in Alzheimer's disease or other dementias? A systematic review and meta-analysis of controlled trials [masters thesis]. [Providence (RI)]: Brown University; 2012.

### Other Non-Peer Reviewed Publications

1. **Daiello LA.** Atypical antipsychotics for the treatment of dementia-related behaviors: An update. *Med Health R I.* 2007;90(6):191-4.
2. **Daiello LA.** Current issues in dementia pharmacotherapy. *Am J Manag Care* 2007. Dec;13 Suppl 8:S198-202.
3. Gosvenor AM, **Daiello LA.** Memory Protection: A researcher wants to make surgery safer for patients' brains. *Health Discoveries* 2020;3(1):17.
4. Ott BR, **Daiello LA.** My Turn: Remembering the importance of Alzheimer's research during a global pandemic. *Providence Journal*; June 17, 2020.

### Manuscripts Submitted or in Preparation

1. **Daiello LA,** Wang DJ, Jones RN, Boxerman J, Tremont G, O'Bryant S, Kendall M, Cioffi WG, De Oliveira GS, Ott BR, Inouye SK, Blood-brain Barrier Dysfunction and Perioperative Neurocognitive Disorders: Cognitive Recovery After Elective Surgery (CREATES): Study Design and Methods. In preparation.
2. Sanborn V, Enos S, **Daiello LA.** History of preoperative Covid-19 infection and postoperative cognitive change among older adults undergoing major elective surgeries. In preparation.
3. **Daiello LA,** Shao X, Wang JJ, Inouye S, Jones RJ. Blood-brain barrier dysfunction is associated with postoperative delirium following major elective surgeries. In preparation.
4. Nester Rooney C, Hinkle CE, Margolis SA, **Daiello LA\***, Davis JD\*. Synergistic Effects of Medication Burden and Cognitive Impairment on Balance Confidence in Older Adults. *Journal of Gerontology: Medical Sciences*, under review.
5. Reich LA, **Daiello LA,** Berry SD, D'Amico AM, Kiel DP, Harris DA, Hayes KN, Leonard CE, Hsu YC, Zullo AR. Prevalence and Duration of Potential Drug-Drug Interactions Among US Nursing Home Residents, 2018-2020. *Journal of the American Geriatrics Society*, under review.
6. Subjective and Objective Cognition in Early-Stage, Treatment-Naïve Parkinson's Disease: Relationships with Mood. Varela JL, Margolis SA, Akbar U, Prieto S, Daiello LA, Davis JD. *Movement Disorders Clinical Practice*, submitted July 2025.
7. Wen S, Yu C, Kelsey M, Pereira M, Alaimo H, Teixeira E, Pracht J, Denby C, **Daiello LA,** Drake J, Sedivy J, Wu Z, Quesenberry P, Kreiling JA. RNA Transcripts in Salivary Extracellular Vesicle Cargo in Aged Populations. *Journal of Extracellular Vesicles*, submitted August 2025.

8. D'Amico AM, Riester MR, Leonard CE, Harris DA, **Daiello LA**, Hsu Y, Kiel D, Cupp MA, Hayes KN, Zullo AR. Identifying observable medication use time in administrative databases: A tutorial using nursing home resident. *American Journal of Epidemiology*, submitted August 2025.

#### ABSTRACTS

1. Ott BR, Heindel WC, Papandonatos GD, Festa EK, Davis JD, **Daiello LA**, Morris JC. A longitudinal study of drivers with dementia. The 132<sup>nd</sup> Annual Meeting of the American Neurological Association, Washington, DC, *Ann Neurology* 62(suppl 11):S22. (October 2007)
2. **Daiello LA**, Ott BR, Festa EK, et al. Cholinesterase inhibitors improve visual attention in drivers with Alzheimer's disease. 15<sup>th</sup> Annual Lifespan Research Celebration, Providence, RI (November 2007)
3. Smith MM, **Daiello LA**, Davis JD, et al. Prediction of motor vehicle accidents in older drivers enrolled in a study of driving and dementia. National Academy of Neuropsychology Conference (November 2007)
4. **Daiello LA**, Ott BR, Lapane KL, et al. Cholinesterase inhibitor discontinuation is associated with behavioral changes in nursing facility residents American Association for Geriatric Psychiatry Annual Meeting, Orlando, FL (March 2008)
5. **Daiello LA**, Ott BR, Festa EK, et al. Cholinesterase inhibitors improve visual attention in drivers with Alzheimer's disease. International Conference on Alzheimer's Disease, Chicago, IL (July 2008)
6. **Daiello LA**, Ott BR, Festa EK, Miller L, Heindel WC. Cholinesterase inhibitors improve visual attention in drivers with Alzheimer's disease. (Abstract) 25<sup>th</sup> Anniversary International Conference on Pharmacepidemiology & Therapeutic Risk Management, Providence, RI (August 2009)
7. **Daiello LA**, Gongvatana W, Dunsiger S, et al. Association of pre-baseline fish oil supplement use with rates of brain atrophy and cognitive decline in the Alzheimer's disease neuroimaging initiative (ADNI) cohort. International Conference on Alzheimer's Disease, Paris, FR (July 2011).
8. Lapane KL, **Daiello LA**, Motzkus C, Parsons C, Hughes CM. Impact of Non-Clinical Factors on Prescribing Decisions in Persons with End-Stage Dementia. Gerontological Society of America, Boston, MA (November 2011).
9. **Daiello LA**, Gardner R, Epstein-Lubow G, Butterfield K, Gravenstein S. Dementia diagnosis increases the risk of 30-day hospital readmission in Medicare beneficiaries. International Conference on Alzheimer's Disease, Vancouver, BC (July 2012).
10. Daniels AH, **Daiello LA**, Badger J, Born CT, et al. Cognitive Assessment After (Hip) Fracture in the Elderly (CAFÉ): Study protocol and selected baseline results of a 12-month prospective

cohort study. 20th Annual Lifespan Research Celebration, Providence, RI (October 2012).

11. **Daiello LA**, Daniels AH, Badger J, Lareau CR, Robidoux KA, et al. Association of unrecognized preoperative cognitive impairment with postoperative cognitive and functional outcomes in elderly patients awaiting hip fracture repair. International Conference on Alzheimer's Disease, Boston, MA (July 2013).
12. Ott BR, **Daiello LA**, Springate BA, Bixby K, Murali M, et al. Do statin drugs impair cognition? A systematic review and meta-analysis. International Conference on Alzheimer's Disease, Boston, MA (July 2013).
13. Daniels AH, **Daiello LA**, Lareau CR, Born CT, et al. Preoperative cognitive impairment, pain, and psychological stress in hospitalized elderly patients awaiting surgery for hip fracture. Orthopedic Trauma Association Annual Conference, New Orleans, LA (August 2013).
14. **Daiello LA**, Cizginer S, Pelosi M, Ott BR. Psychoactive medication use and memory impairment among members of an Alzheimer prevention registry. Alzheimers Association International Conference, Washington, DC (July 2015)
15. Stopa EG, Padbury J, **Daiello LA**, Ott BR, Sharma S. Placental tau,  $\alpha$ -synuclein, A $\beta$  and APP levels in pre-eclampsia, and Alzheimer's disease risk factor. Alzheimer's Association International Conference. Washington, D.C., July 18-23, 2015. Alzheimer's & Dementia. 11(7):P372 (July 2015)
16. **Daiello LA**, Wellenius G, Ott BR, Buka S. Role of Supplemented DHA for cognition in Alzheimer's Disease and Mild Cognitive Impairment: A systematic review and meta-analysis of randomized controlled trials. Alzheimer's Association International Conference, Washington, DC (July 2015)
17. **Daiello LA**, Stopa EG, Ott BR, de la Monte S, Johanson CE. CNS molecular gradients in mild cognitive impairment and Alzheimer's disease: Implications for blood-brain barrier permeability Alzheimer's Association International Conference, Toronto, CA (July 2016)
18. **Margolis SA**, Daiello LA, Tremont G, Heller B, Denby C, Ott BR. Age moderates the relationship between drug burden index and subjective cognitive decline in members of the Rhode Island Alzheimer Prevention Registry. National Academy of Neuropsychology 37th Annual Conference, Boston, MA. Arch Clin Neuropsychology 2017;32(6): 656-666.
19. **Daiello LA**, Jones RN, Stopa E, de la Monte S, Johanson CE, Grammas P, Ott BR. Blood brain barrier gradients in mild cognitive impairment and Alzheimer's disease: relationship to inflammatory cytokines and chemokines. Alzheimer's Association International Conference, London, UK (July 2017)
20. Margolis SA, Sears MZ, Solon C, **Daiello LA**, Nakhutina L, Hoogendoorn C, Gonzalez JS. Sedative/anticholinergic drug burden predicts worse memory acquisition in racially/ethnically diverse older adults with Type 2 diabetes. 46th Annual Neuropsychological Association Conference, Washington, DC (February 2018)

21. Reznik ME, Yaghi S, Jayaraman MV, McTaggart RA, Hemendinger M, Mac Grory BC, Burton TM, Cutting SM, Thompson BB, Wendell LC, Mahta A, Potter NS, **Daiello LA**, Kosar CM, Jones RN, Furie KL. Level of consciousness at discharge and associations with outcome after ischemic stroke. American Academy of Neurology Annual Meeting, Los Angeles, CA (April 2018)
22. Drake J, **Daiello LA**, Chambers A, Ott BR. VCAM-1 as a biomarker for cognitive decline in Alzheimer's disease, Alzheimer's Association International Conference, Chicago, IL (July 2018)
23. Miller SC, Cai S, **Daiello LA**, Shireman T, Wilson I. A population perspective of HIV and dementia in nursing homes. Gerontological Society of America, Boston, MA (November 2018)
24. **Daiello LA**, Lee Y, Zullo AR, Zhang T, Berry SD. Trends in the Incidence of Hip Fractures and Post-Fracture Mortality Among U.S. Nursing Home Residents, 2007 to 2013. Gerontological Society of America, Boston, MA (November 2018)
25. Drake JD, Chambers AB, Ott BR, **Daiello LA**. Peripheral markers of vascular endothelial dysfunction show independent but additive relationships with brain-based biomarkers in association with functional impairment in Alzheimer's disease. Alzheimer's Association International Conference (Virtual Conference), Amsterdam, Netherlands (July 2020)
26. Korthauer LE, Denby C, Molina D, Wanjiku J, **Daiello LA**, Drake JD, Grill JD, Ott BR. Implementation of a Targeted Screening Program for Alzheimer's Disease Risk in a Primary Care Setting. Alzheimer's Association International Conference (Virtual Conference), Amsterdam, Netherlands (July 2020)
27. **Daiello LA**, Wang DJ, Jones RN, Boxerman J, Tremont G, O'Bryant S, Kendall M, Cioffi WG, De Oliveira GS, Ott BR, Inouye SK. Blood-brain Barrier Dysfunction and Perioperative Neurocognitive Disorders: Cognitive Recovery After Elective Surgery (CREATES): Study Design and Methods. Alzheimer's Association International Conference (Virtual Conference), Amsterdam, Netherlands (July 2020)
28. Kelly DA, Davis JD, **Daiello LA**, Burke E, Fernandez T, Tremont GN, Ott BR, Margolis SA. Neuroticism Moderates the Association between Beliefs about Medications and Reported Adverse Medication Effects in Mild Cognitive Impairment. Alzheimer's Association International Conference (Hybrid Conference), Denver, Colorado (July 2021)
29. Shao X, Wang JJ, Boxerman J, Schlett WJ, Cosgriff MP, **Daiello LA**. Reliability of BBB water exchange rate assessed by diffusion-prepared pseudo-continuous ASL (DP-pCASL): Preliminary results from Cognitive Recovery After Elective Surgery (CREATES) Study. Alzheimer's Association International Conference (Hybrid Conference), San Diego, CA (July 2022)
30. Hayes KN, **Daiello LA**, Zullo AR, Berry SD. Use of large-scale electronic health record data to examine precise antihypertensive medication exposures immediately before a fall among US nursing home residents. International Conference in Pharmacoepidemiology and

Therapeutic Risk Management, Copenhagen, Denmark (August 2022)

31. Drake J, **Daiello LA**, Wu C K. Use of the PrecivityAd blood test in regular clinical practice: preliminary observations from a dementia clinic. Clinical Trials in Alzheimer's Disease (CTAD) Annual Conference, San Francisco, CA (November 2022)
32. Zhou H, Rudolph J, Resnik ME, **Daiello LA**, Jones R, Margolis S. Antidepressant use and associations with delirium in patients with intracerebral hemorrhage. American Academy of Neurology (AAN) Annual Conference (Hybrid Conference), Boston, MA (April 2023)
33. Sanborn V, Enos S, Tremont G, Bedrosian H, Dousis H, **Daiello LA**. History of preoperative Covid-19 infection and postoperative cognitive change among older adults undergoing major elective surgeries. Alzheimer's Association International Conference (Hybrid Conference), Amsterdam, Netherlands (July 2023)
34. Stettenbauer M, Berry SD, Zullo AR, **Daiello LA**. Evaluating Lecanemab Eligibility for Patients in Skilled Nursing Facilities with Alzheimer's Disease or Mild Cognitive Impairment. International Society for Epidemiology Annual Meeting, Berlin, Germany (August 2024)
35. Wen S, Yu C, Pereira M, Alaimo H, Teixeira E, Denby C, **Daiello LA**, Drake J, Wu Z, Quesenberry P, Kreiling JA. Salivary Extracellular Vesicles as Biomarkers for Alzheimer's Disease and Related Disorders. Mechanisms of Aging Annual Meeting, Cold Springs Harbor, NY (September 2024)
36. Reich LA, **Daiello LA**, Berry SD, D'Amico AM, Kiel DP, Harris DA, Hayes KN, Leonard CE, Hsu YC, Zullo AR. High Prevalence and Variable Duration of Potentially Clinically Relevant Drug-Drug Interactions Among US Nursing Home Residents. Society for Epidemiologic Research, Boston, MA (June 2025)
37. Sinople J, Teixeira EM, Denby C, Constant N, Mankodiya K, Tremont G, Ott BR, **Daiello LA**, Drake J, Quesenberry PJ, Kreiling JK, Korthauer LE. Associations between Digital Cognitive Assessment and Amyloid Burden in Preclinical Alzheimer's Disease. Alzheimer's Association International Conference, Toronto, CA (July 2025)
38. Sanborn V, Pereira M, Alaimo H, Teixeira E, Denby C, **Daiello LA**, Drake J, Wu Z, Quesenberry P, Kreiling JA. Investigating Salivary Extracellular Vesicles as Biomarkers for Alzheimer's Disease: ExosomeAD Study Design and Baseline Characteristics Alzheimer's Association International Conference, Toronto, CA (July 2025)

#### **SCHOLARLY WORK PUBLISHED IN OTHER MEDIA**

1. **Daiello LA**. Certification in Geriatric Pharmacy (CGP) Internet Review Program (1999) "Psychopharmacology in the elderly", peer-reviewed web-based course.
2. **Daiello LA**. Certification in Geriatric Pharmacy (CGP) Internet Review Program (2011). Diagnosis and treatment of Alzheimer's disease" peer-reviewed web-based course. Commissioned by the American Society of Consultant Pharmacists.

## **INVITED PRESENTATIONS**

### **Regional**

1. University of Vermont Dementia and Neuropsychiatry Update (2006) Behavioral Effects of Medications for Dementia, Burlington, VT
2. Massachusetts Long Term Care Clinicians (2006) The Effect of F329 on the Treatment of Psychiatric Illness and Behavioral Symptoms in Long Term Care, Boston, MA
3. American Society of Consultant Pharmacists – NE Chapter Annual Meeting (2007) Diagnostic and Treatment Dilemmas: Depression and Dementia in LTC Settings, Foxwoods, CT
4. Rhode Island Hospital Alzheimer's Disease and Memory Disorders Center Research Meeting (2007) Behavioral Effects of Cholinesterase Inhibitors in Nursing Facility Residents with Dementia, Providence, RI
5. Brown University School of Community Health: FDA Workgroup on Atypical Antipsychotics for Behavioral Symptoms in Dementia (2008) Pharmacologic Treatment Options, Providence, RI
6. Rhode Island Hospital Alzheimer's Disease and Memory Disorders Center Research Meeting (2008) Does Discontinuation of Cholinesterase Inhibitors Exacerbate Behavioral Symptoms in Nursing Home Patients with Dementia? Providence, RI
7. Rhode Island Hospital Alzheimer's Disease and Memory Disorders Center Research Meeting (2009) Do Cholinesterase Inhibitors Improve Visual Attention in Drivers with Alzheimer's Disease? Providence, RI
8. Neurology Grand Rounds, Rhode Island Hospital (2009) General Anesthesia and Postoperative Cognitive Impairment, Providence, RI
9. Neuropsychology Clinical Conference, Butler Hospital (2010) Psychopharmacological Drug Interactions: Part 1, Providence, RI
10. Neurology Fellows Noon Conference, Rhode Island Hospital (2010) Treatment of Behavioral Symptoms in Dementia: An Evidence-Based Review, Providence, RI
11. Research Day, PHP 2610, Brown University (2011) Influence of Statin Drugs on Cognitive Function and Onset of Dementia in the ADNI Cohort, Providence, RI
12. Neuropsychology Clinical Conference, Butler Hospital (2011) Psychopharmacological Drug Interactions: Part 2, Providence, RI
13. Neurology Noon Conference, Rhode Island Hospital (2011) Does Omega-3 Supplementation Benefit Cognition in Older Adults?
14. Geriatric Psychiatry Fellows Conference, Rhode Island Hospital (2012) A Case-Based Approach to Clinically Relevant Psychopharmacologic Drug Interactions in the Elderly,

Providence, RI

15. Geriatric Psychiatry Clinical Rounds, VA Medical Center (2012) Drug Interactions and Adverse Effects in the Elderly (2012), Providence, RI
16. Alzheimer's Association, Rhode Island Chapter, Annual Research Lecture (2012) What's Good for the Heart is Good for the Brain? Dietary Supplements for Brain Health and Aging, Providence, RI.
17. Rhode Island Assisted Living Association Annual Meeting (2013) People with Memory Loss and their Medications: A Cautionary Tale, Warwick, RI
18. Neurology Noon Conference (2014) Perioperative Predictors of Postoperative Cognitive Dysfunction Following Non-Cardiac Surgery, Providence, RI.
19. Neurology Research Night (2016) Alzheimer's Disease and Memory Disorders Center Research, Providence, RI.
20. Neurology Noon Conference (2017) Role of Inflammation and Blood-Brain Barrier Disruption in Postoperative Cognitive Decline, Providence, RI.
21. Countdown to 2025: Progress on ending Alzheimer's disease (2017) Newport Hospital, Newport, RI.
22. Countdown to 2025: Progress on ending Alzheimer's disease (2017) Miriam Hospital, Providence, RI
23. Alzheimer's Disease and Age-related Memory Loss – What's the difference? (2019) Cranston Senior Center
24. Alzheimer's Association, Rhode Island Chapter, Caregiver Journey Conference (2020), Does Surgery Cause Memory Loss? Providence, RI
25. Update on Alzheimer's disease and perioperative cognitive disorders research (2022), Brown University Alumni, Providence, RI.

**National**

1. American Medical Directors Association Annual Meeting (2007) Pharmacology and Management of Dementia in Long Term Care Settings, Hollywood, FL
2. Florida Medical Directors Annual Meeting (2007) Diagnostic and Treatment Dilemmas: Depression and Dementia in LTC Settings, Orlando, FL
3. American Society of Consultant Pharmacists 38<sup>th</sup> Annual Meeting (2007) Diagnostic and Treatment Dilemmas: Depression and Dementia in LTC Settings, Philadelphia, PA

4. National Association of Geriatric Care Managers Annual Meeting (2008) The Care Manager as Detective: Assessment and Treatment of Behavioral Symptoms in Dementia, Orlando, FL
5. New York Long Term Care Pharmacist Association (2008) Update on the Treatment of Geriatric Depression, Buffalo, NY
6. National Association of Professional Geriatric Care Managers (2009) Treatment of Behavioral Symptoms in Dementia, Chicago, IL
7. University of Pennsylvania, Department of Anesthesia Research Grand Rounds (2010) Post-Operative Cognitive Dysfunction and Anesthesia: Confounder or Cause? Philadelphia, PA
8. Office of Senator Kohl, Committee on Aging (2010) Inappropriate Use of Antipsychotic Drugs in Nursing Home Patients with Dementia, Washington, DC
9. Policy and Practice Section, American Geriatrics Society Annual Scientific Meeting (2012) Alternatives to Antipsychotic Drugs in the Treatment of Dementia-Related Behavioral Symptoms, Seattle, WA
10. Arizona Geriatrics Society, Annual Fall Symposium (2012) Alternatives to Antipsychotics for Behavioral Symptoms: An Evidence-Based Review, Phoenix, AZ.
11. World Elder Abuse Awareness Conference (2013) Dangers of Inappropriate Medication Use in the Elderly, Orlando, FL.
12. American Society of Consultant Pharmacists Annual Meeting (2013) Advances in Antidepressant Therapy for Older Adults, Seattle, WA.
13. Maine Association for Psychiatric Physicians Annual Meeting (2014) Antipsychotics and Alternatives in the Treatment of Behavioral and Psychological Symptoms of Dementia: Evidence and Experience, Freeport, ME.
14. Florida Attorney Generals' Office (2015) Dangers of Inappropriate Medication Use in Older Adults, Orlando, FL.
15. Florida Aging Life Care Professionals Annual Conference (2016) Recognition of Adverse Cognitive Effects of Medication, Orlando, FL.
16. 5th International Workshop of Perioperative Neurotoxicity in the Elderly (2016) Preoperative Nutrition and Postoperative Cognitive Recovery, San Francisco, CA.
17. TEDx Orlando (2016) Thinking Outside the (Pill) Box, Orlando, FL.
18. Orlando Health Community Forum (2017) Can Medications Cause Dementia or Alzheimer's Disease? Orlando, FL.

19. Gerontological Society of America (2018) Trends in Hip Fractures and Post-Fracture Mortality Among U.S. Nursing Home Residents, Boston, MA
20. Perioperative Cognition and Delirium Conference (2022). Blood-brain barrier neuroimaging in perioperative cognitive disorders. American Delirium Society preconference, Indianapolis, IN.
21. American Delirium Society Annual Conference (2023). Use of Neuroimaging Methods to Assess Blood-brain Barrier Permeability in Perioperative Cognitive Disorders, Providence, RI.
22. Perioperative Neurocognitive Disorders Workshop (2024). Blood-Brain Barrier Neuroimaging in Perioperative Cognitive Decline, American Society of Anesthesiology pre-conference, Philadelphia, PA.

### **International**

1. Alzheimer's Association International Conference Perioperative Cognitive Disorders Interest Group (2017) Association of Delirium with Postoperative Cognitive Impairment, London, UK.
2. Global Council on Brain Health (2018) Brain Health and Mental Well-Being: Effects of Medications, London, UK.
3. 7<sup>th</sup> International Workshop on Perioperative Neurotoxicity in Older Adults (2020), Blood-Brain Barrier Dysfunction and Perioperative Cognitive Decline, Barcelona, Spain.
4. Society for Neuroscience and Critical Care 48<sup>th</sup> Annual Meeting (2020), Blood-Brain Barrier, Inflammatory Mediators, and Cognitive Outcomes, Montreal, Canada.
5. Society for Neuroscience in Anesthesia and Critical Care 49<sup>th</sup> Annual Meeting (2021). Blood-brain barrier, neuroinflammation, and impaired cognitive outcomes. Future Forward Topics in Perioperative Basic Neuroscience, virtual conference.

### **GRANTS**

#### **Completed**

Orlando Regional Healthcare System

10/01/1999-12/19/2000

Lori Daiello (PI)

Role: Principal Investigator

Total Costs: \$5500

This study is to identify the types and frequency of drug-related problems in patients presenting to a memory disorders clinic.

Administration on Aging/ Orlando Senior Resource Alliance

02/01/2001–12/20/2002

Lori Daiello (PI)

Role: Principal Investigator

Total Costs: \$20,000

This study is to investigate the impact of providing psychopharmacology consultation to high-risk elderly residing in the community.

NIH/NIA RO1 AG16335

09/15/2001-05/31/2007

Brian Ott (PI)

Role: Sub-Investigator

Total Costs: \$1,439,916

“A Longitudinal Study of Drivers with Dementia.”

This study is to define the course of driving impairment in Alzheimer’s Disease and develop computerized test predictors of impaired road test performance.

NIH/NIA 2RO1 AG016335

05/15/2007-4/30/2013

Brian Ott (PI)

Role: Sub-Investigator

Total Costs: \$1,783,538

“Naturalistic Assessment of Driving in Cognitively Impaired Elders.”

This study is to define the basis of driving impairment in Alzheimer’s disease and develop computerized test predictors of impaired road test performance and driving ability in the natural home environment.

NIH/AHRQ 1R18 HS017281

09/30/2007 – 8/31/2010

Kate Lapane (PI)

Role: Sub-Investigator

Total Costs: \$1,199,549

“Tailored DVD to Improve Medication Management for Low Literate Elderly Patients.”

This project focuses on developing and testing interventions that seek to improve the patient experience of care through health information technology, improved shared decision making and patient-clinician communication, as well as self-management of chronic conditions.

NIH/AHRQ 1K08 HS017735

07/01/2009-12/31/2014

Lori Daiello (PI)

Role: Principal Investigator

Total Costs: \$706,018

“Neglected by the Evidence: The Intersection between Medical Complexity and Dementia”

The focus of this career development grant is the building of skills in comparative effectiveness research methods and data analysis to investigate the effects of discontinuing cholinesterase inhibitors in nursing home patients with dementia and the effects of general anesthesia on the rate of cognitive and functional decline of nursing home patients with dementia.

Department of Orthopedic Surgery/Rhode Island Hospital

03/30/2011- 05/01/2014

Lori A. Daiello (Co-PI)

Role: Co-principal Investigator

Total Costs: \$50,000

“Cognitive Assessment after (Hip) Fracture in the Elderly (CAFÉ) Study.”

The objective of this study was to investigate pre-and post-operative memory impairment among hip fracture patients.

NIA R03 AG050232

01/01/2016 – 12/31/2018

Lori Daiello (PI)

Role: Principal Investigator

Total Costs: \$178,852

“Inside the Black Box: Culture Change and Behavioral Outcomes in Dementia.”

This research investigates the relationship between culture change-motivated environmental alterations and antipsychotic drug prescribing in a national cohort of nursing home residents with dementia.

NIA R21 AG057451

09/15/17-08/1/2018

Vincent Mor (PI)

Role: Consultant

Total Costs: \$571,156

“Metrical - Music & memory: A Pragmatic Trial for Nursing Home Residents with AD”

The purpose of this research is to rigorously study the effects of an individualized music intervention (Music & Memory™) on anxiety, depression, and behavioral symptoms in nursing home residents with Alzheimer’s disease.

Department of Neurology/Rhode Island Hospital

04/30/18- 3/01/2020

Lori Daiello (PI)

Role: Principal Investigator

Total Costs: \$28,500

The objective of this proposal is to expand the Rhode Island Alzheimer’s Disease Prevention Registry to include banked blood samples for future research, accomplished through the storage of surplus serum and plasma from 200 participants.

NIH/NIGMS 5P20GM119943-03

07/01/2019- 6/30/2020

Peter Quesenberry (PI)

Role: Co-investigator

Total Costs: \$418,804

“Administrative Core COBRE Phase II Stem Cells and Aging”

This supplemental study will examine salivary extracellular vesicles and their role in Alzheimer’s Disease.

Department of Neurology/Rhode Island Hospital

05/30/2018-12/31/2021

Lori A. Daiello (Co-PI)

Role: Co-Principal Investigator

Total Costs: \$21,000

“Detecting Acetylcholinesterase Inhibitor Non-Adherence in Alzheimer’s Disease.”

The objective of this proposal is to validate a brief/novel performance-based simulation of medication management ability in relation to real-world acetylcholinesterase inhibitor medication-taking behavior in patients with mild cognitive impairment and Alzheimer’s disease.

NIA 5P01AG027296-12

06/1/2020- 06/1/2024

Theresa Shireman (PI)

Role: Consultant

Total Costs: \$237,153

“Behavioral Control and Alzheimer's Disease: Policies, Medication Use, and Health Effects Across Care Settings”

This project will evaluate substitution of other psychotropic medications for antipsychotic drugs among nursing home residents with dementia; the impact of federal antipsychotic initiatives on assisted living and community dwellers; racial/ethnic differences in drug exposures across settings; and their effects on mortality, stroke, major fractures, and psychiatric admissions.

NIA R01 AG061221

07/15/2019- 06/30/2024

Berry, Sarah D (PI)

Role: Consultant

Total Costs: \$2,812,212

“Safe Cardiometabolic Drug Prescribing To Prevent Injury In Nursing Home Residents”

The purpose of this project is to determine the net clinical benefit of cardiometabolic drugs in ADRD and other nursing home residents that will promote deprescribing psychoactive and cardiometabolic drugs and encourage osteoporosis treatment.

**Current**

NIA R01 AG058648

05/01/2019 – 02/28/2026

Daiello LA (PI)

Role: Principal Investigator

Total Costs: \$3,864,309

“Blood-Brain Barrier Disruption as a Biomarker for Perioperative Neurocognitive Disorders: Cognitive Recovery After Elective Surgery (CREATES) Study.”

The objective of this research is to investigate the extent to which dynamic contrast-enhanced MRI evidence of blood-brain barrier dysfunction predicts the incidence of postoperative delirium and postoperative cognitive decline, in a cohort of older adults undergoing major elective non-cardiac surgeries.

NIA R01 AG058648 (Supplement)

02/20/2024 – 02/28/2026

Daiello LA (PI)

Role: Principal Investigator

Total Costs: \$398,715

“Blood-Brain Barrier Disruption as a Biomarker for Perioperative Neurocognitive Disorders: Cognitive Recovery After Elective Surgery (CREATES) Study.”

Supplemental funding for the purpose of continuing the parent R01 research delayed by effects of the COVID-19 pandemic.

NIA R01 AG074284

06/01/2022 – 05/31/2027

Kreiling, J & Quesenberry P (Co-PI)

Role: Site PI

Total Costs: \$3,902,216

“Salivary Extracellular Vesicles as Biomarkers for Alzheimer's Disease and Related Disorders”

The objective of this research is to identify biomarkers present in salivary extracellular vesicles that can be used as a simple, noninvasive screening mechanism to detect patients at risk of developing Alzheimer's disease.

NIA R01 AG077620

08/01/2022 – 7/31/2027

Zullo, AR (PI)

Role: Site PI

Total Costs: \$3,909,680

“Clinically Significant Drug Interactions among Nursing Home Residents with ADRD”

The primary goals of this project are to identify clinically significant potential drug interactions among nursing home residents with ADRD and to investigate relationships between drug interactions and fall-related injuries.

Brown University/Carney Institute for Brain Science

08/15/2023 – 01/31/2026

Daiello LA (PI)

Role: Principal Investigator

Total Costs: \$47,580

“National Alzheimer's Coordinating Center (NACC) Demonstration Project”

The objective of this pilot project is to implement the NACC protocol and assessments in patients with and without cognitive impairment at the Rhode Island Hospital Alzheimer's Disease and Memory Disorders Center.

Department of Neurology/Rhode Island Hospital

08/2025 – 08/2026

Drake J (PI)

Role: Co-investigator

Total Costs: TBD

“Amyloid blood test for tracking response to Alzheimer's disease modifying treatment”

The objective of this study is to investigate the utility of blood amyloid and tau protein as biomarkers of long-term outcomes associated with anti-amyloid antibody treatments for Mild Cognitive Impairment or Alzheimer's Disease.

NIA R01 AG087210

08/01/2025 – 7/31/2029

Hayes KN (PI)

Role: Coinvestigator

Total Costs: \$2,903,755

“Benefits and Harms of Antihypertensive Management Strategies for Nursing Home Residents with ADRD”

The objective of this study is to investigate the effects of aggressive target blood-pressure goals on cognitive and physical functioning among nursing home residents with dementia

#### UNIVERSITY TEACHING ROLES

1986-1996

The Ohio State University College of Pharmacy, Columbus, Ohio

Course Instructor: Psychopharmacology

85 Students

Topics: (1) Psychiatric assessment;

(2) Safety and efficacy of psychopharmacologic treatment of

schizophrenia and mood disorders;  
(3) Treatment of Alzheimer's Disease

- 1997-2000      University of Florida, Working Professional Pharm.D Program,  
Tampa, FL  
Course Instructor: Geriatric Psychopharmacology  
150 Students  
Topics: (1) Psychiatric assessment;  
(2) safety and efficacy of geriatric Psychopharmacology;  
(3) Treatment of Alzheimer's Disease
- 2009-present    Alpert Medical School of Brown University, Providence, RI  
Lecturer: Programs in Geriatric Psychiatric and Geriatric Medicine, Neurology,  
Neuropsychology  
Topics: (1) Safety and efficacy of geriatric psychopharmacology;  
(2) Assessment and treatment of behavioral symptoms of dementia;  
(3) Treatment of Alzheimer's Disease

#### **UNIVERSITY TEACHING, ADVISING and MENTORING ROLES**

- 2019              Biotechnology Masters Program  
Brown University, Providence, RI  
Thesis Advisor to Amy Lin, ScM  
*Remediating Epigenetic Dysregulation in Alzheimer's Disease*
- 2022              Health Services, Policy & Practice PhD Program  
Brown University School of Public Health, Providence, RI  
Advisor to Hannah James, PhD candidate
- 2022-2025       MD Degree Program  
Brown University Alpert Medical School  
Research Mentor to Sara Enos, MD'25
- 2023- 2025       Health Services, Policy & Practice PhD Program  
Brown University School of Public Health, Providence, RI  
Advisor to Molly Stettenbauer, PhD candidate

#### **HOSPITAL TEACHING, ADVISING, and MENTORING ROLES**

- 2016-2018       Aging and Dementia Fellowship  
Rhode Island Hospital, Providence RI  
Mentor to Seth Margolis, PhD
- 2017-2018       Aging and Dementia Fellowship  
Rhode Island Hospital, Providence RI  
Mentor to Jonathan Drake, MD

|            |                                                                                                                          |
|------------|--------------------------------------------------------------------------------------------------------------------------|
| 2020-2021  | Aging and Dementia Fellowship<br>Rhode Island Hospital, Providence RI<br><u>Mentor</u> to Jamie Bass, MD                 |
| 2020-2022  | Aging and Dementia Fellowship<br>Rhode Island Hospital, Providence RI<br><u>Mentor</u> to Deirdre O'Shea PhD             |
| 2022-2024  | Neuropsychology Research Fellowship<br>Rhode Island Hospital, Providence, RI<br><u>Advisor</u> to Caroline Hinkle PhD    |
| 2022-2024  | Aging and Dementia Fellowship<br>Rhode Island Hospital, Providence, RI<br><u>Mentor</u> to Victoria Sanborn PhD          |
| 2023- 2024 | Behavioral Neurology Fellowship<br>Rhode Island Hospital, Providence, RI<br><u>Mentor</u> to Scott Warren MD, PhD        |
| 2023-2024  | K24 grant proposal<br>Rhode Island Hospital, Providence, RI<br><u>Advisor</u> to Umer Akbar MD                           |
| 2024-2025  | Drug-induced parkinsonism research grant<br>Rhode Island Hospital, Providence, RI<br><u>Advisor</u> to Saud Alhusaini MD |
| 2024-2025  | Behavioral Neurology Fellowship<br>Rhode Island Hospital, Providence, RI<br><u>Research mentor</u> to Fatima Hameed MD   |
| 2025-2027  | Behavioral Neurology Fellowship<br>Rhode Island Hospital, Providence, RI<br><u>Advisor</u> to Carolyn Nester Rooney PhD  |