

JOHN ALEXANDER BATSI, MD, FACP, AGSF, FGSA, FTOS

PERSONAL INFORMATION

Address: Work – 5017 Old Clinic Building, Chapel Hill, NC 27599
Phone: Work (919) 843-4096; Fax (919) 962-9795

EDUCATION

Post-Doctoral	Advanced Certificate in Clinical & Translational Sciences Dartmouth College Hanover, New Hampshire	08/2016 – 06/2017
Post-Doctoral	Certificate in Clinical Research (Epidemiology) Center for Translational Science Activities, Mayo Clinic Rochester, Minnesota	07/2007 – 06/2008
Fellowship	Geriatric Medicine Mayo School of Graduate Medical Education Rochester, Minnesota	07/2006 – 06/2008
Residency	Internal Medicine Mayo School of Graduate Medical Education Rochester, Minnesota	06/2003 – 06/2006
Internship	Pre-Registration House Office – Medicine/Surgery St. James' Hospital, University of Dublin, Trinity College Dublin, Ireland	07/2002 – 06/2003
Doctoral	University of Dublin, Trinity College Dublin, Ireland MB, Bch, BAO (MD) Honors	10/1997 – 06/2002
Undergraduate	University of Dublin, Trinity College Dublin, Ireland BA (Medicine) – Honors	10/1997 – 06/2002
Undergraduate	McGill University Montreal, Quebec, Canada BSc (Physiology) – Great Distinction	09/1994 – 06/1997

CERTIFICATIONS

Certification	Diplomat – Obesity Medicine American Board of Obesity Medicine	2018
Certification	Diplomat – Geriatric Medicine American Board of Internal Medicine	2007, 2017
Certification	Diplomat – Internal Medicine American Board of Internal Medicine	2006, 2016

Certification	Licentiate Medical Council of Canada	2004
Certification	Educational Commission of Foreign Medical Graduates	2003

LICENSURE

North Carolina	2020 – Present
New Hampshire	2008 – 2022
Vermont	2008 – 2020
Minnesota	2003 – 2009
Pennsylvania	2007 – 2008
Republic of Ireland	2002 – 2005

PROFESSIONAL EXPERIENCE – ACADEMIC APPOINTMENTS

Associate Professor, Tenure-Track University of North Carolina at Chapel Hill Chapel Hill, North Carolina	02/2021 – Present
Adjunct Associate Professor The Dartmouth Institute for Health Policy & Clinical Practice Geisel School of Medicine at Dartmouth Hanover, New Hampshire	07/2020 – Present
Research Collaborator Mayo Clinic Rochester Rochester, Minnesota	07/2008 – Present
Nominated Clinical Associate Professor University of North Carolina at Chapel Hill Chapel Hill, North Carolina	09/2020 – 02/2021
Associate Professor The Dartmouth Institute for Health Policy & Clinical Practice Geisel School of Medicine at Dartmouth Hanover, New Hampshire	05/2015 – 07/2020
Associate Professor of Medicine Department of Medicine Geisel School of Medicine at Dartmouth Hanover, New Hampshire	05/2015 – 07/2020
Adjunct Instructional Faculty Arcadia University Glenside, Pennsylvania	06/2014 – 01/2016
Assistant Professor The Dartmouth Institute for Health Policy & Clinical Practice	07/2014 – 05/2015

Geisel School of Medicine at Dartmouth
Hanover, New Hampshire

Assistant Professor of Medicine 09/2008 – 05/2015
Department of Medicine
Geisel School of Medicine at Dartmouth
Hanover, New Hampshire

Instructor in Medicine 07/2006 – 06/2008
Mayo Clinic College of Medicine
Rochester, Minnesota

PROFESSIONAL EXPERIENCE – EMPLOYMENT & PRIVILEGES

Clinical Staff 09/2020 - Present
Carolina Meadows Retirement Community
Chapel Hill, North Carolina

Clinical Faculty 09/2020 – Present
Division of Geriatric Medicine, Department of Medicine
School of Medicine, University of North Carolina at Chapel Hill
Chapel Hill, North Carolina

Clinical Faculty 01/2019 – 07/2020
Genesis Elm Wood
Claremont, New Hampshire

Clinical Faculty 10/2017 – 07/2020
Cedar Hill Skilled Nursing Facility
Windsor, Vermont

Clinical Faculty 10/2016 – 07/2020
Genesis Healthcare
Lebanon, New Hampshire

Staff Physician 06/2016 – 07/2020
Mary Hitchcock Memorial Hospital
Lebanon, New Hampshire

Staff Physician / Clinical Faculty 09/2008 – 07/2020
Dartmouth-Hitchcock Medical Center
Lebanon, New Hampshire

Staff Physician / Clinical Faculty 09/2008 – 07/2020
Kindred Healthcare, Skilled/Long-Term Care Facility
Hanover, New Hampshire

Clinical Faculty 01/2015 – 07/2017
Brookside Nursing Home

White River Junction, Vermont

Clinical Faculty
Mary Hitchcock Memorial Hospital
Lebanon, New Hampshire

09/2008 – 06/2016

HONORS

Service Award for Research Committee, American Geriatrics Society	2022
American Geriatrics Society Presidential Poster Award Winner (Senior Author)	2022
New Hampshire's Top Doctors – Internal Medicine	2019, 20
TidesWell Leadership Development Program Scholar, American Geriatrics Society/UCSF	2019–21
Best Paper Award – International Conference on Body Area Networks, New York, NY	2019
Top Reviewer Award – Journal of Gerontology Medical Sciences	2018
Fellowship – The Obesity Society	2018
Fellowship – Gerontological Society of America	2018
New Hampshire's Top Doctors – Internal Medicine/Geriatrics	2018
Geriatric Recognition Award – American Geriatrics Society	2017
Epidemiology Poster Award, The Obesity Society Annual Meeting (Senior Author)	2017
Fellowship – American Geriatrics Society	2016
Excellence in Teaching Award Nominee – Department of Medicine, Dartmouth-Hitchcock	11/2015
Excellence in Teaching Award Nominee – Department of Medicine, Dartmouth-Hitchcock	01/2015
Journal of Rural Health Exceptional Reviewer Award	2015
American Geriatrics Society Presidential Poster Award Winner	2015
New Hampshire's Best Doctors – Geriatrics	2015
American Geriatrics Society New Investigator Award	2014
Excellence in Teaching Award Nominee – Department of Medicine, Dartmouth-Hitchcock	03/2012
Excellence in Teaching Award Nominee – Department of Medicine, Dartmouth-Hitchcock	01/2012
Excellence in Teaching Award Nominee – Department of Medicine, Dartmouth-Hitchcock	11/2011
Excellence in Teaching Award Nominee – Department of Medicine, Dartmouth-Hitchcock	10/2011
New Hampshire's Best Doctors – Geriatrics	2011
Fellowship – American College of Physicians	2010
Excellence in Teaching Award Nominee – Department of Medicine, Dartmouth-Hitchcock	05/2009
Excellence in Teaching Award Nominee – Department of Medicine, Dartmouth-Hitchcock	04/2009
Outstanding Research Award, Mayo Clinic Internal Medicine Residency Program	2006
Clinical Abstract Finalist, Society of Hospital Medicine Southern Regional Meeting	2004
Chief Resident Award, American College of Physicians – Minnesota Chapter	2004
Clinical Abstract Finalist, Society of Hospital Medicine National Meeting	2004
Chief Medical Resident Nominee, Mayo Clinic, Rochester, Minnesota	2004
Pre-Clinical and Clinical Honors, University of Dublin, Trinity College, Dublin, Ireland	1997-2002
Foundation Scholar of Trinity College, University of Dublin, Trinity College, Dublin, Ireland	2000
Medical Scholarship, University of Dublin, Trinity College, Dublin, Ireland	2000
Health Canada Challenge Grant for Summer Research	1996
Wyeth-Ayerst Educational Grant for Summer Research	1995
JW McConnell Scholarship – McGill University, Montreal, Canada	1994

BIBLIOGRAPHY & PRODUCTS OF SCHOLARSHIP

Citations Records (as of May 29th, 2023):

Published Articles and Book Chapters: 196

Total citations: 5,333 (Scopus); 9,539 (Google Scholar)

h-index: 37 (Scopus); 48 (Google Scholar)

i10-index: 123 (Google Scholar)

Books & Chapters

1. **Batsis JA.** Sarcopenic Obesity. In *Metabolic Syndrome: A Comprehensive Textbook*. Edited by Ahima R. Springer International Publishing, Switzerland, Cham. 2016. Pages 665-678. ISBN: 978-3-319-11250-3. doi : doi.org/10.1007/978-3-319-11251-0
2. **Batsis JA,** Buscemi S. Body Mass Index and Cardiac Events in Elderly Patients. In: *The Handbook of Anthropometry : Physical Measures of Human Form and Disease*. Edited by Preedy VP, editor. Springer-Verlag, New York. 2012. Pages 1537-1558. ISBN: 978-1441917874. doi:10.1007/978-1-4419-1788-1.
3. **Batsis, JA,** Buscemi S. Sarcopenia, Sarcopenic Obesity, and Insulin Resistance. In: *Type 2 Diabetes – Book 1*. Edited by Croniger C. In Tech Inc, 2011. ISBN : 978-953-307-363-7. doi: 10.5772/22008
4. **Batsis JA,** Takahashi PY. In *Physician Assistant Review Guide – Geriatric Medicine Chapter*. Edited by Agnew D, and Paulk D. First Edition. Jones and Bartlett Publishers, Sudbury, MA. 2012. Pages 434-454. ISBN: 978-0763752668.

In Press/Submitted (books/chapters only)

1. Spangler HB, Lynch DH, **Batsis JA.** Addressing physical function, sarcopenia, and frailty through Lifestyle Medicine. In *Lifestyle Medicine*. Fourth Edition. Edited by Rippe J. Routledge Publishers, Oxfordshire, England. 42 pages.
2. Gross DC, Cheever R, **Batsis JA.** Sarcopenic Obesity. In *Metabolic Syndrome: A Comprehensive Textbook*. 2nd edition. Edited by Ahima R. Springer International Publishing, Switzerland, Cham. 49 pages.

Refereed Original Papers (published)

1. Shirazi D, Haudenschild C, Lynch DH, Fanous M, Kahkoska AR, Jimenez D, Spangler H, Driesse T, **Batsis JA.** Obesity, multiple chronic conditions, and the relationship with physical function: Data from the national health and aging trends survey. *Arch Gerontol Geriatr*. 2023 Apr;107:104913. Epub 2022/12/25. doi: 10.1016/j.archger.2022.104913. PubMed PMID: 36565604; PubMed Central PMCID: PMC9975009.
2. **Batsis JA,** Haudenschild C, Crow RS, Gilliam M, Mackenzie TA. Sarcopenia Definition Outcome Consortium - defined Weakness and Risk of Falls: The National Health and Aging Trends Survey. *Geriatr Gerontol Int*. 2023 Mar;23(3):213-20. Epub 2023/02/09. doi: 10.1111/ggi.14548. PubMed PMID: 36752357; PubMed Central PMCID: PMC9992327.
3. Wood BS, Lynch DH, Spangler HB, Roderka M, Petersen CL, **Batsis JA.** Long-term weight change after a technology-based weight loss intervention. *J Am Geriatr Soc*. 2023 Mar;71(3):981-5. Epub 2022/10/21. doi: 10.1111/jgs.18088. PubMed PMID: 36262081; PubMed Central PMCID: PMC10023293.
4. Lynch DH, Howard AG, Tien HC, Du S, Zhang B, Wang H, Gordon-Larsen P, **Batsis JA.** Association Between Weight Status and Rate of Cognitive Decline: China Health and Nutrition Survey 1997-2018. *J Gerontol A Biol Sci Med Sci*. 2023 Feb 9. Epub 2023/02/09. doi: 10.1093/gerona/glad051. PubMed PMID: 36754372.

5. Kahkoska AR, Freeman NLB, Jones EP, Shirazi D, Browder S, Page A, Sperger J, Zikry TM, Yu F, Busby-Whitehead J, Kosorok MR, **Batsis JA**. Individualized interventions and precision health: Lessons learned from a systematic review and implications for analytics-driven geriatric research. *J Am Geriatr Soc*. 2023 Feb;71(2):383-93. Epub 2022/12/17. doi: 10.1111/jgs.18141. PubMed PMID: 36524627; PubMed Central PMCID: PMC10037848.
6. Kahkoska AR, Smith C, Thambuluru S, Weinstein J, **Batsis JA**, Pratley R, Weinstock RS, Young LA, Hassmiller Lich K. "Nothing is linear": Characterizing the determinants and dynamics of CGM use in older adults with type 1 diabetes. *Diabetes Res Clin Pract*. 2023 Feb;196:110204. Epub 2022/12/13. doi: 10.1016/j.diabres.2022.110204. PubMed PMID: 36509180; PubMed Central PMCID: PMC9974816.
7. Wood WA, Dilip D, Derkach A, Grover NS, Elemento O, Levine R, Thanarajasingam G, **Batsis JA**, Bailey C, Kannappan A, Devine SM, Artz AS, Ligibel JA, Basch E, Kent E, Glass J. Wearable sensor-based performance status assessment in cancer: A pilot multicenter study from the Alliance for Clinical Trials in Oncology (A19_Pilot2). *PLOS Digit Health*. 2023 Jan;2(1):e0000178. Epub 2023/02/23. doi: 10.1371/journal.pdig.0000178. PubMed PMID: 36812616; PubMed Central PMCID: PMC9931326
8. Spangler HB, Driesse TM, Lynch DH, Liang X, Roth RM, Kotz D, Fortuna K, **Batsis JA**. Privacy concerns of older adults using voice assistant systems. *J Am Geriatr Soc*. 2022 Dec;70(12):3643-7. Epub 2022/08/27. doi: 10.1111/jgs.18009. PubMed PMID: 36027568; PubMed Central PMCID: PMC9771938.
9. Galicia Ernst I, Torbahn G, Schwingshackl L, Knüttel H, Kob R, Kemmler W, Sieber CC, **Batsis JA**, Villareal DT, Stroebele-Benschop N, Visser M, Volkert D, Kiesswetter E, Schoene D. Outcomes addressed in randomized controlled lifestyle intervention trials in community-dwelling older people with (sarcopenic) obesity-An evidence map. *Obes Rev*. 2022 Oct;23(10):e13497. Epub 2022/07/28. doi: 10.1111/obr.13497. PubMed PMID: 35891613.
10. Saad RK, Ghezzawi M, Horanieh R, Khamis AM, Saunders KH, **Batsis JA**, Chakhtoura M. Abdominal Visceral Adipose Tissue and All-Cause Mortality: A Systematic Review. *Front Endocrinol (Lausanne)*. 2022;13:922931. Epub 2022/09/10. doi: 10.3389/fendo.2022.922931. PubMed PMID: 36082075; PubMed Central PMCID: PMC9446237.
11. Lynch DH, Petersen CL, Van Dongen MJ, Spangler HB, Berkowitz SA, **Batsis JA**. Association between food insecurity and probable sarcopenia: Data from the 2011-2014 National Health and nutrition examination survey. *Clin Nutr*. 2022 Sep;41(9):1861-73. Epub 2022/08/09. doi: 10.1016/j.clnu.2022.07.002. PubMed PMID: 35939904.
12. Boateng G, Petersen CL, Kotz D, Fortuna KL, Masutani R, **Batsis JA**. A Smartwatch Step-Counting App for Older Adults: Development and Evaluation Study. *JMIR Aging*. 2022 Aug 10;5(3):e33845. Epub 2022/08/11. doi: 10.2196/33845. PubMed PMID: 35947445; PubMed Central PMCID: PMC9403825.
13. Rauch VK, Roderka M, McClure AC, Weintraub AB, Curtis K, Kotz DF, Rothstein RI, **Batsis JA**. Willingness to pay for a telemedicine-delivered healthy lifestyle programme. *J Telemed Telecare*. 2022 Aug;28(7):517-23. Epub 2020/08/13. doi: 10.1177/1357633x20943337. PubMed PMID: 32781892; PubMed Central PMCID: PMC7876151.
14. Zhu Y, Liang X, **Batsis JA**, Roth RM. Domain-aware Intermediate Pretraining for Dementia Detection with Limited Data. *Interspeech*. 2022 Jul;2022:2183-7. Epub 2023/04/18. doi: 10.21437/Interspeech.2022-10862. PubMed PMID: 37064781; PubMed Central PMCID: PMC10102977.
15. Liang X, **Batsis JA**, Yuan J, Zhu Y, Driesse TM, Schultz J. Voice-Assisted Food Recall Using Voice Assistants. HCI International 2022–Late Breaking Papers: HCI for Health, Well-being, Universal Access and Healthy Aging: 24th International Conference on Human-Computer Interaction. *Springer Nature Switzerland*; 2022. p. 92-107.

16. Griffith R, Shean R, Petersen CL, Al-Nimr RI, Gooding T, Roderka MN, **Batsis JA**. Validation of Resting Energy Expenditure Equations in Older Adults with Obesity. *J Nutr Gerontol Geriatr*. 2022 Apr-Jun;41(2):126-39. Epub 2022/05/04. doi: 10.1080/21551197.2022.2070320. PubMed PMID: 35502533; PubMed Central PMCID: PMC9761489.
17. Zhu Y, Tran B, Liang X, **Batsis JA**, Roth RM. TOWARDS INTERPRETABILITY OF SPEECH PAUSE IN DEMENTIA DETECTION USING ADVERSARIAL LEARNING. *Proc IEEE Int Conf Acoust Speech Signal Process*. 2022 May;2022:6462-6. Epub 2023/04/18. doi: 10.1109/icassp43922.2022.9747006. PubMed PMID: 37064829; PubMed Central PMCID: PMC10102974.
18. Lynch DH, Petersen CL, Fanous MM, Spangler HB, Kahkoska AR, Jimenez D, **Batsis JA**. The relationship between multimorbidity, obesity and functional impairment in older adults. *J Am Geriatr Soc*. 2022 May;70(5):1442-9. Epub 2022/02/04. doi: 10.1111/jgs.17683. PubMed PMID: 35113453; PubMed Central PMCID: PMC9106850.
19. **Batsis JA**, Shirazi D, Petersen CL, Roderka MN, Lynch D, Jimenez D, Cook SB. Changes in Body Composition in Older Adults after a Technology-Based Weight Loss Intervention. *J Frailty Aging*. 2022;11(2):151-5. Epub 2022/04/21. doi: 10.14283/jfa.2022.15. PubMed PMID: 35441191; PubMed Central PMCID: PMC8876072.
20. Liang X, **Batsis JA**, Zhu Y, Driesse TM, Roth RM, Kotz D, MacWhinney B. Evaluating Voice-Assistant Commands for Dementia Detection. *Comput Speech Lang*. 2022 Mar;72. Epub 2021/11/13. doi: 10.1016/j.csl.2021.101297. PubMed PMID: 34764541; PubMed Central PMCID: PMC8577405.
21. Liu SK, Osborn AE, Bell S, Mecchella JN, Hort S, **Batsis JA**. Patient characteristics and utilization of an online patient portal in a rural academic general internal medicine practice. *BMC Med Inform Decis Mak*. 2022 Feb 16;22(1):42. Epub 2022/02/18. doi: 10.1186/s12911-022-01778-w. PubMed PMID: 35172805; PubMed Central PMCID: PMC8851702.
22. Jimenez DE, Weinstein ER, **Batsis JA**. "Me Dieron Vida": The Effects of a Pilot Health Promotion Intervention to Reduce Cardiometabolic Risk and Improve Behavioral Health among Older Latinos with HIV. *Int J Environ Res Public Health*. 2022 Feb 25;19(5). Epub 2022/03/11. doi: 10.3390/ijerph19052667. PubMed PMID: 35270360; PubMed Central PMCID: PMC8910201.
23. **Batsis JA**, Petersen CL, Cook SB, Al-Nimr RI, Driesse T, Pidgeon D, Fielding R. Impact of whey protein supplementation in a weight-loss intervention in rural dwelling adults: A feasibility study. *Clin Nutr ESPEN*. 2021 Oct;45:426-32. Epub 2021/10/09. doi: 10.1016/j.clnesp.2021.07.006. PubMed PMID: 34620350; PubMed Central PMCID: PMC8502229.
24. Emeny RT, **Batsis JA**, Morden NE. Regional Variation in Fracture-Associated Prescription Drug Use and Hip Fractures in Long-Term Care: an Observational Study. *J Gen Intern Med*. 2021 Nov;36(11):3604-7. Epub 2021/01/28. doi: 10.1007/s11606-020-06477-8. PubMed PMID: 33501524; PubMed Central PMCID: PMC8606503.
25. **Batsis JA**, Apolzan JW, Bagley PJ, Blunt HB, Divan V, Gill S, Golden A, Gundumraj S, Heymsfield SB, Kahan S, Kopatsis K, Port A, Parks EP, Reilly CA, Rubino D, Saunders KH, Shean R, Tabaza L, Stanley A, Tchang BG, Gundumraj S, Kidambi S. A Systematic Review of Dietary Supplements and Alternative Therapies for Weight Loss. *Obesity (Silver Spring)*. 2021 Jul;29(7):1102-13. Epub 2021/06/24. doi: 10.1002/oby.23110. PubMed PMID: 34159755; PubMed Central PMCID: PMC8231729.
26. Zhu Y, Obyat A, Liang X, **Batsis JA**, Roth RM. WavBERT: Exploiting Semantic and Non-semantic Speech using Wav2vec and BERT for Dementia Detection. *Interspeech*. 2021 Aug-Sep;2021:3790-4. Epub 2021/08/01. doi: 10.21437/interspeech.2021-332. PubMed PMID: 37063977; PubMed Central PMCID: PMC10102979.

27. Finley DJ, Stevens CJ, Emond JA, **Batsis JA**, Fay KA, Darabos C, Sacks OA, Cook SB, Lyons KD. Potential effectiveness of a surgeon-delivered exercise prescription and an activity tracker on pre-operative exercise adherence and aerobic capacity of lung cancer patients. *Surg Oncol*. 2021 Jun;37:101525. Epub 2021/04/05. doi: 10.1016/j.suronc.2021.101525. PubMed PMID: 33813267; PubMed Central PMCID: PMC8217197.
28. Kennedy MA, Hatchell KE, DiMilia PR, Kelly SM, Blunt HB, Bagley PJ, LaMantia MA, Reynolds CF, 3rd, Crow RS, Maden TN, Kelly SL, Kihwele JM, **Batsis JA**. Community health worker interventions for older adults with complex health needs: A systematic review. *J Am Geriatr Soc*. 2021 Jun;69(6):1670-82. Epub 2021/03/20. doi: 10.1111/jgs.17078. PubMed PMID: 33738803; PubMed Central PMCID: PMC8263299.
29. Mohieldin S, **Batsis JA**, Minor CM, Halter RJ, Petersen CL. BandPass: A Bluetooth-Enabled Remote Monitoring Device for Sarcopenia. *IEEE Int Conf Commun Workshops*. 2021 Jun;2021. Epub 2021/11/09. doi: 10.1109/iccworkshops50388.2021.9473520. PubMed PMID: 34745771; PubMed Central PMCID: PMC8570642.
30. Emeny RT, **Batsis JA**, Morden NE. Intense Use of Fracture-Associated Drugs Among Medicare Beneficiaries in Long-term Care. *J Gen Intern Med*. 2021 Jun;36(6):1818-20. Epub 2020/06/06. doi: 10.1007/s11606-020-05859-2. PubMed PMID: 32500330; PubMed Central PMCID: PMC8175544.
31. Zhu Y, Liang X, **Batsis JA**, Roth RM. Exploring Deep Transfer Learning Techniques for Alzheimer's Dementia Detection. *Front Comput Sci*. 2021 May;3. Epub 2021/05/29. doi: 10.3389/fcomp.2021.624683. PubMed PMID: 34046588; PubMed Central PMCID: PMC8153512.
32. Crow RS, Haudenschild C, Lohman MC, Roth RM, Roderka M, Masterson T, Brand J, Gooding T, Mackenzie TA, **Batsis JA**. Modified STEADI Fall Risk Categories Predict Incident Cognitive Impairment. *J Am Geriatr Soc*. 2021 May;69(5):1257-64. Epub 2021/02/11. doi: 10.1111/jgs.17034. PubMed PMID: 33565618; PubMed Central PMCID: PMC8232824.
33. **Batsis JA**, Haudenschild C, Roth RM, Gooding TL, Roderka MN, Masterson T, Brand J, Lohman MC, Mackenzie TA. Incident Impaired Cognitive Function in Sarcopenic Obesity: Data From the National Health and Aging Trends Survey. *J Am Med Dir Assoc*. 2021 Apr;22(4):865-72.e5. Epub 2021/07/13. doi: 10.1016/j.jamda.2020.09.008. PubMed PMID: 34248422; PubMed Central PMCID: PMC8269419.
34. Seo LM, Petersen CL, Halter RJ, Kotz DF, Fortuna KL, **Batsis JA**. Usability Assessment of a Bluetooth-Enabled Resistance Exercise Band Among Young Adults. *Health Technol (Berl)*. 2021 Apr;5(1):4. Epub 2021/08/03. doi: 10.21037/ht-20-22. PubMed PMID: 34336543; PubMed Central PMCID: PMC8320739.
35. **Batsis JA**, Zagaria AB, Brooks E, Clark MM, Phelan S, Lopez-Jimenez F, Bartels SJ, Rotenberg S, Carpenter-Song E. The Use and Meaning of the Term Obesity in Rural Older Adults: A Qualitative Study. *J Appl Gerontol*. 2021 Apr;40(4):423-32. Epub 2020/02/18. doi: 10.1177/0733464820903253. PubMed PMID: 32065013; PubMed Central PMCID: PMC7429325.
36. **Batsis JA**, Roderka MN, Rauch VK, Seo LM, Li X, DiMilia PR, Gooding T, Gilbert-Diamond D, McClure AC, Roth RM. Impact of Diet and Exercise on Weight and Cognition in Older Adults: A Rapid Review. *Am J Health Promot*. 2021 Mar;35(3):456-66. Epub 2021/01/09. doi: 10.1177/0890117120983795. PubMed PMID: 33412916; PubMed Central PMCID: PMC8386280.
37. Petersen CL, Christensen BC, **Batsis JA**. Weight management intervention identifies association of decreased DNA methylation age with improved functional age measures in older adults with obesity. *Clin Epigenetics*. 2021 Mar 2;13(1):46. Epub 2021/03/04. doi: 10.1186/s13148-021-01031-7. PubMed PMID: 33653394; PubMed Central PMCID: PMC7927264.

38. Kennedy MA, Pepin R, Stevens CJ, Bartels SJ, **Batsis JA**, Beyea A, Bruce ML, Eckhaus JM, Korsen N, Pidgeon DM, Powell KE, Reynolds CF, LaMantia MA. Mind, Mood, Mobility: Supporting Independence Among Rural Older Adults at Risk for Functional Decline. *Am J Health Promot.* 2021 Feb;35(2):295-8. Epub 2020/06/23. doi: 10.1177/0890117120934622. PubMed PMID: 32567321; PubMed Central PMCID: PMC7752854.
39. **Batsis JA**, Petersen CL, Clark MM, Cook SB, Kotz D, Gooding TL, Roderka MN, Al-Nimr RI, Pidgeon D, Haedrich A, Wright KC, Aquila C, Mackenzie TA. Feasibility and acceptability of a technology-based, rural weight management intervention in older adults with obesity. *BMC Geriatr.* 2021 Jan 12;21(1):44. Epub 2021/01/14. doi: 10.1186/s12877-020-01978-x. PubMed PMID: 33435877; PubMed Central PMCID: PMC7801868.
40. Aziz JJ, Reid KF, **Batsis JA**, Fielding RA. URBAN-RURAL DIFFERENCES IN THE PREVALENCE OF MUSCLE WEAKNESS AND SLOW GAIT SPEED: A CROSS-SECTIONAL ANALYSIS FROM THE NHANES (2001-2002 AND 2011-2014). *JAR Life.* 2021;10:19-25. Epub 2021/01/01. doi: 10.14283/jarlife.2021.4. PubMed PMID: 35783581; PubMed Central PMCID: PMC9248630.
41. **Batsis JA**, Petersen CL, Clark MM, Cook SB, Lopez-Jimenez F, Al-Nimr RI, Pidgeon D, Kotz D, Mackenzie TA, Bartels SJ. A Weight Loss Intervention Augmented by a Wearable Device in Rural Older Adults With Obesity: A Feasibility Study. *J Gerontol A Biol Sci Med Sci.* 2021 Jan 1;76(1):95-100. Epub 2020/05/10. doi: 10.1093/gerona/glaa115. PubMed PMID: 32384144; PubMed Central PMCID: PMC7756700.
42. Petersen CL, Minor CM, Mohieldin S, Park LG, Halter RJ, **Batsis JA**. Remote Rehabilitation: A Field-Based Feasibility Study of an mHealth Resistance Exercise Band. *IEEE Int Conf Connect Health Appl Syst Eng Technol.* 2020 Dec;2020:5-6. Epub 2021/06/30. PubMed PMID: 34184001; PubMed Central PMCID: PMC8234905.
43. **Batsis JA**, Petersen CL, Cook SB, Al-Nimr RI, Pidgeon D, Mackenzie TA, Bartels SJ. A Community-Based Feasibility Study of Weight-Loss in Rural, Older Adults with Obesity. *J Nutr Gerontol Geriatr.* 2020 Jul-Dec;39(3-4):192-204. Epub 2020/09/11. doi: 10.1080/21551197.2020.1817226. PubMed PMID: 32907522; PubMed Central PMCID: PMC7787696.
44. Fortuna KL, Venegas M, Bianco CL, Smith B, **Batsis JA**, Walker R, Brooks J, Umucu E. The relationship between hopelessness and risk factors for early mortality in people with a lived experience of a serious mental illness. *Soc Work Ment Health.* 2020;18(4):369-82. Epub 2021/01/15. doi: 10.1080/15332985.2020.1751772. PubMed PMID: 33442334; PubMed Central PMCID: PMC7802745.
45. Al-Nimr RI, Wright KCS, Aquila CL, Petersen CL, Gooding TL, **Batsis JA**. Intensive nutrition counseling as part of a multi-component weight loss intervention improves diet quality and anthropometrics in older adults with obesity. *Clin Nutr ESPEN.* 2020 Dec;40:293-9. Epub 2020/11/14. doi: 10.1016/j.clnesp.2020.09.002. PubMed PMID: 33183553; PubMed Central PMCID: PMC7670080.
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41. *High Adiposity and Survival in US Older Adults*. Medscape. <https://www.medscape.com/viewarticle/721990>. May 2016.
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43. *MCP 60 Seconds with Dr John Batsis on Leptin Levels and CV Mortality*. Mayo Clinic Proceedings, <https://www.youtube.com/watch?v=yrSYNxChAhg>. April 2015.
44. *Surprise findings on a weighty matter*. Dartmouth Medicine. December 2014
45. *Written interview on Uptake of the Centers for Medicare and Medicaid Obesity Benefit, 2012-3*, Medicalresearch.com. <https://medicalresearch.com/weight-research/low-uptake-of-medicare-obesity-counseling-benefit/27586/>. April 2014
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Non-Peer Reviewed Products:

1. Lynch D, **Batsis JA**. American Geriatrics Society 2021 Offers a Chance for Reflection. *Doximity*. https://opmed.doximity.com/articles/ags-2021-offers-a-chance-for-reflection?csrf_attempted=yes&utm_source=opmed . May 24th, 2021.
2. *Eating Disorders in Older Adults*, Today's Geriatric Medicine. February 2021; 14(1):18.
3. Mohieldin, S, **Batsis JA**, Halter RJ. BANDPASS : A Smart Resistance Exercise Band to Monitor Strength. 28th Annual Karen E. Wetterhahn Science Symposium, May 22, 2019.
4. **Batsis JA**. Expert Opinion of “Long Term Effect of Intensive Lifestyle Intervention on Cerebral Blood Flow. Mark A. Espeland, PhD, et al for the Action for Health in Diabetes Brain Magnetic Resonance Imaging Research Group. *J Am Geriatr Soc* 66:120– 126, 2018.” www.acc.org
5. Krishnaswami A, **Batsis JA**. Critical analysis of “Long Term Effect of Intensive Lifestyle Intervention on Cerebral Blood Flow”. Mark A. Espeland, PhD, et al for the Action for Health in Diabetes Brain Magnetic Resonance Imaging Research Group. *J Am Geriatr Soc* 66:120– 126, 2018.
6. **Batsis JA**, Kidambi S. What do older people need to know about being overweight? The Obesity Society Patient pages <http://tosconnect.obesity.org/obesity/publications/obesity-journal/patient-pages>, 2017.
7. **Batsis JA**. Is Obesity a Chronic Disease in Older Adults ? *Aging Today* : A publication of the American Society of Aging. September-October, 2017.
8. Zhbelik A, Barre LK, **Batsis JA**, Bartels SJ. Vitamin D Intake and Functional Knee Osteoarthritis Progression in Older Adults with Obesity: Data from the Osteoarthritis Initiative. *J Aging, Res Clinical Practice*. 2014.
9. Palak PJ, **Batsis JA**. Obesity in the Older Adult. *OA Elderly Medicine* 2013 [Invited Review]
10. **Batsis JA**, Lopez-Jimenez F. Effect of Bariatric Surgery on the Metabolic Syndrome: A *Population-Based, Long-term Controlled Study*. [Invited Editorial] Editor: Scott Grundy, MD. Published online, April 14, 2009, <http://www.athero.org>
11. **Batsis JA**, DN Mohr. Clinical Images: A Case of Shortness of Breath, Abdominal Pain and Hematuria *The Hospitalist* 2006 March; 10(3):8
12. **Batsis JA**, Lopez-Jimenez F. *Harrison's Principles of Internal Medicine – Online*. Bariatric Surgery and Cardiovascular Risk 2006; Chapter 64:Obesity. <http://www.accessmedicine.com> [By Invitation - Published online on September 14, 2006]
13. **Batsis JA**. Obesity and the Heart. *Obesity Action Coalition Newsletter*. 2006; 1(4):3-5.
14. **Batsis JA**, Clinical Pharmacology of Protease Inhibitors in HIV Infection. *Trinity Student Medical Journal*. 2000;1:60-65.
15. **Batsis JA**, Surviving Mount Sinai. *Irish Medicine Weekly*. 2000;4(37):34.

TEACHING ACTIVITIES

Course Director (Clinical)

- Site Director, Geriatrics Teaching, Carolina Meadows Continuing Care Retirement Community, 2021–Present
- Activity Director, Monthly Clinical Competencies in Geriatric Care, 2014–2017
- Activity Director, Monthly Geriatrics Journal Club, 2015–2016
- Home Visitation Program, New Hampshire Bureau of Elderly & Adult Services, Internal Medicine Residency Program, 2013–2016
- Faculty Coordinator, Geriatric Medicine Residency Rotation, Internal Medicine Residency Program, 2010–2016
- Activity Director, Monthly Geriatric Case Conference CME Series, 2010–2013

Lectures/Teaching to Medical Students

- Year 2 Transitions Course, Telemedicine Roundtable (Geriatrics), University of North Carolina School of Medicine, February 23rd, 2021
- Internal Medicine Career Interest Group (Discussant, 1 hour), Geisel School of Medicine at Dartmouth, 2016
- Academic Promotion & Mentorship: A Faculty's View. Department of Medicine Education Committee, Dartmouth-Hitchcock, Lebanon, NH. May 2016.
- Health, Society and the Physician (Lecturer, 1 hour), Geisel School of Medicine at Dartmouth, 2015
- Geriatrics Skills Night (Tutor, 4 hours), Geisel School of Medicine at Dartmouth, 2011

Lectures to Residents

1. Mentorship for Success (1 hour), Internal Medicine (Categorical) Residency, Dartmouth-Hitchcock, September 2018
2. Osteoporosis (1.5 hours), Internal Medicine (Primary Care Track) Residency, Dartmouth-Hitchcock May 2018
3. Research & Mentoring in Primary Care (1.5 hours), Internal Medicine (Categorical) Residency, Dartmouth-Hitchcock, October 2017
4. Research in Primary Care (1 hour), Internal Medicine (Categorical) Residency, Dartmouth-Hitchcock, October 2016
5. Clinical Research in Primary Care (1 hour), Internal Medicine (Primary Care Track) Residency, Dartmouth-Hitchcock, September 2015
6. Geriatrics for the Geriatric Psychiatrist (1 hour), Geriatric Psychiatry Fellowship, Dartmouth-Hitchcock, September 2015
7. Evaluation & Management of the Frail Elder: IM Core Curriculum (1 hour), Internal Medicine Residency, Dartmouth-Hitchcock, July 2015.
8. Osteoporosis (1.5 hours), Internal Medicine (Primary Care Track) Residency, Dartmouth-Hitchcock, April 2015
9. Research in Primary Care (1 hour), Internal Medicine (Categorical) Residency, Dartmouth-Hitchcock, October 2014
10. Clinical Research in Primary Care (1 hour), Internal Medicine (Primary Care Track) Residency, Dartmouth-Hitchcock, September 2013
11. Evaluation & Management of the Frail Elder: IM Core Curriculum (1 hour), Internal Medicine Residency, Dartmouth-Hitchcock, December 2012.
12. Nursing Home Primer (1 hour), Internal Medicine (Primary Care Track) Residency, Dartmouth-Hitchcock, April 2012.
13. Osteoporosis (1 hours), Internal Medicine (Primary Care Track) Residency, Dartmouth-Hitchcock, April 2012

Lectures to Graduate Students

1. NUTR 845: *PhD Nutritional Metabolism* (Invited Lecturer/Discussant)
 - a. Spring 2023
2. *ENGM189: Medical Device Commercialization* – Clinical Advisor
Thayer School of Engineering, Dartmouth College, Fall 2020.
3. mHealth and Geriatric Obesity (1 hour). Public Health Week – The Dartmouth Institute for Health Policy & Clinical Practice, Hanover, NH. April 2017
4. Career Trajectory Research Symposium (1.5 hours). The Dartmouth Institute for Health Policy & Clinical Practice, Lebanon, NH. February 2016
5. Physician's Assistant Medicine II (Geriatric Medicine) Lecturer (8 hours), Arcadia University, January 2015

6. Physician's Assistant Medicine II (Geriatric Medicine) Lecturer (8 hours), Arcadia University, January 2014
7. Physician's Assistant Medicine II (Geriatric Medicine) Lecturer (8 hours), Arcadia University, January 2013

Lectures to Fellows

14. A Whirlwind in Research Methods, Geriatric Medicine Fellowship (1 hour), University of North Carolina at Chapel Hill, September 22, 2021.
15. Academic Mentorship, Geriatric Medicine Fellowship (1 hour), University of North Carolina at Chapel Hill, August 20, 2021.
16. Sarcopenia as a Geriatric Syndrome (1 hour), Geriatric Medicine Fellowship, University of North Carolina at Chapel Hill, June 18th, 2021.
17. To Treat or not to Treat: The Who, What, Where, Why and How (1 hour), Geriatric Medicine Fellowship, University of North Carolina at Chapel Hill, April 30, 2021
18. Academic Advancement: Mentorship & Research (1 hour), Geriatric Medicine Fellowship, University of North Carolina at Chapel Hill, October 19, 2020
19. Statistics (1 hour), Geriatric Medicine Fellowship, Mayo Clinic, 2007-2008

Medical Grand Rounds – University of North Carolina at Chapel Hill

**indicates continuing medical education credits*

1. *Treating Obesity in Older Adults: What Clinicians Need to Know. *Medicine Grand Rounds*, Department of Medicine, University of North Carolina at Chapel Hill, Chapel Hill, NC. May 11th, 2023.

Medical Grand Rounds – Outside of the University of North Carolina at Chapel Hill

**indicates continuing medical education credits*

1. *Driving and Dementia: What you Need to Know. *Cone Health Grand Rounds*, May 12th, 2023 [Virtual].
2. *Frailty in Geriatric medicine. *Department of Psychiatry, Division of Geriatric Psychiatry Grand Rounds*. Dartmouth-Hitchcock, January 20th, 2023. [Virtual]
3. Using Technology to Advance Healthy Aging: *Duke Geriatrics Grand Rounds*. Durham, NC. February 28th, 2022 [Virtual]
4. *Managing the Older Adult with Obesity. Division of Endocrinology Division of Endocrinology and Nutrition Conference Grand Rounds University of Maryland School of Medicine, January 27th, 2022. [Virtual]
5. *Clinical Pearls in the Management of Obesity in Older Adults. *Wake Forest Baptist Health. Obesity as A Disease: Innovative Approaches to Treatment*, October 1st, 2021. [Virtual]
6. Clinical Pearls in Managing Older Adults with Obesity. *WakeMed Grand Rounds*. Cary, NC, January 12th, 2021 [Virtual].
7. Innovative Approaches in the Aging Adult with Obesity: Lessons Learned and Future Directions. *Aging Institute Grand Rounds*, University of Pittsburgh School of Public Health, Pittsburgh, PA. November 2018.
8. To Treat or Not To Treat: Obesity in Older Adults: *Geriatrics, Gerontology & Palliative Care Grand Rounds*, University of Alabama, Birmingham, AL. December 5, 2019.

Continuing Medical Education & Lectures - Outside of UNC (National, International)

**indicates continuing medical education credits*

1. *Treating Older Adults with Obesity: What Clinicians Need to Know. *Columbia-Cornell Obesity Medicine Course: Obesity – Etiology, Prevention, and Treatment*. April 26, 2023. [Virtual]
2. The Interplay between Precision Medicine and Geroscience in Aging Research. *International Conference on Frailty & Sarcopenia*, Toulouse, France. March 23rd, 2023.

3. Cognitive Status as a Predictor of Body Composition Profiles: A Latent Class Analysis. *International Conference on Frailty & Sarcopenia*, Toulouse, France. March 23rd, 2023.
4. Research perspectives from the Sarcopenic Obesity Global Leadership Initiative. *International Conference on Frailty & Sarcopenia*, Toulouse, France. March 23rd, 2023.
5. *Assessing Driving Abilities in Older Adults with Cognitive Impairment. *Dartmouth-Hitchcock Center for Health and Aging Educational Session*, February 2nd, 2023. [Virtual]
6. Screening for Sarcopenic Obesity. *Sarcopenic Obesity Global Leadership Initiative*, Rome Italy, November 25th, 2022.
7. Policy Series: Interdisciplinary Public Policy Discussion – Geroscience, *Gerontological Society of America Annual Meeting*. Indianapolis, IN, November 3rd, 2022.
8. Improving Health, Independence, and Quality of Life of All Older Adults. *National Council on Aging*. October 19th, 2022. [Virtual]
9. Inflammation in Sarcopenic Obesity. *Interdisciplinary Nutrition Sciences Symposium*. Chapel Hill, 2022, Thursday, July 21, 2022.
10. *Use of Telehealth in Obesity Management: Current Evidence and Future Evidence. *Obesity Medicine Association 2022 Conference*. Friday, May 21st, 2022. [Virtual]
11. Diversity in Research Update – AGS/AFAR Clin-Star Mentoring and Grantsmanship Workshop. *American Geriatrics Society Annual Scientific Meeting 2022*. Orlando, FL, Saturday, May 14th, 2022.
12. *Using Adaptive Designs to Address Heterogeneity of Aging in Behavioral Interventions. *American Geriatrics Society Annual Scientific Meeting 2022*. Orlando, FL, Thursday, May 12th, 2022.
13. *Beyond Behavioral Interventions for Weight Loss. *American Geriatrics Society Annual Scientific Meeting 2022*. Orlando, FL, Thursday, May 12th, 2022.
14. *Breakfast with the Experts – Telehealth in Obesity Medicine. *Obesity Medicine Association 2022 Conference*. Atlanta, GA, Sunday, May 1st, 2022.
15. *Use of Telehealth in Obesity Management: Current Evidence and Future Evidence. *Obesity Medicine Association 2022 Conference*. Atlanta, GA. Sunday, May 1st, 2022.
16. *The Importance of User-Centered Design in Device Development. Center for Technology and Behavioral Health at Dartmouth, December 10th, 2021. [Virtual]
17. *Interventions for Obesity Related Disorders in Older Adults. The Double Whammy – Metabolic Consequences of Aging and Obesity. Obesity Society's Obesity Week, November 3rd, 2021. [Virtual]
18. Obesity Roundtable and White Paper Proceedings. *National Council on Aging. Roundtable on Obesity and Equitable Aging*, October 22nd, 2021. [Virtual]
19. Sarcopenia and Sarcopenic Obesity and Incident Fall Risk. *International Conference on Frailty and Sarcopenia*, September 30th, 2021. [Virtual]
20. *Improving Health and Physical Function in Older patients with Obesity. *Obesity Medicine Association Fall Meeting*. Chicago, IL, September 25th, 2021.
21. A New Company – Digital Enhancement of Strength Training. *AGS/UCSF TidesWell*, May 11th, 2021. [Virtual]
22. Obesity & Frailty: The Convergence of Two Commonly Unrecognized Disorders in the Elderly. *World Congress of Cardiology*, February 26, 2021. [Virtual]
23. Obesity: Its Effect on Increasing the Risk for COVID-19 and Other Health Conditions. *Gerontological Society of America Annual Scientific Meeting 2020*, November 2020. [Virtual]
24. Telehealth-Delivery of a Multicomponent Obesity Intervention in Older, Rural Adults with Obesity. *Gerontological Society of America Annual Scientific Meeting*, November 2020. [Virtual]
25. Incident Cognitive Decline in Sarcopenia and Sarcopenic Obesity. *International Conference on Frailty & Sarcopenia Research*, Toulouse, France, March 2020. [Virtual]
26. *Insights into Geriatric Obesity Interventions. Division of Geriatric Medicine, University of North Carolina at Chapel Hill, Chapel Hill, NC. January 10th, 2020.

27. Mobile Health Obesity Wellness Interventions: Research in Progress. Division of General Internal Medicine & Geriatrics, Pennsylvania State University, Hershey, PA. January 30th, 2020.
28. *Sarcopenia Obesity: Definitions & Assessment. *Gerontology Society of America – Annual Scientific Meeting*, Austin, TX. November 2019.
29. Linking Epidemiology and Molecular Mechanisms in Sarcopenic Obesity in Populations. *FENS 2019: 13th European Nutrition Conference*, Dublin, Ireland. October 2019.
30. Development and Usability Assessment of a Connected Resistance Exercise Band Application for Strength Monitoring. *International Conference on Body Area Networks*, New York, NY, June 2019.
31. *Systematic Reviews: Nuts & Bolts. *American Geriatrics Society Annual Meeting*, Portland, OR, May 2019.
32. Mobile Health Interventions in Obesity Medicine: Lessons Learned and Future Directions. *Jean Mayer USDA Human Nutrition Research Center on Aging*, Boston, MA. March 2019.
33. Implementation Strategies for Addressing Rural Obesity Using Telehealth. *Implementation Science and Digital Therapeutics Conference*, Dartmouth College, Hanover, NH; December 2018.
34. *Finding the Evidence: Systematic Review Process of Position Paper of Unfounded Treatments. *Obesity Society Annual Meeting (Obesity Week)*, Nashville, TN. November 2018.
35. *User Centered Design & Evaluation: Practical Considerations for Older Adults. *American Geriatrics Society Annual Meeting*, Orlando, FL. May 2018.
36. Weight Change and Risk of FNIH Sarcopenia Project Low Lean Mass. *International Conference on Frailty & Sarcopenia Research*, Miami Beach, FL, March 2018.
37. Association of Leisure-Time Physical Activity with Low Lean Mass using the FNIH Sarcopenia Project Cutpoints. *International Conference on Frailty & Sarcopenia Research*, Miami Beach, FL, March 2018
38. *Sarcopenic Obesity: Is the Whole greater than its Parts. *COPE Villanova College of Nursing: MacDonal Center for Obesity Prevention & Education*, Philadelphia, PA. January 2018
39. *Should we Treat Obesity in the Elderly. *American Heart Association Scientific Sessions*, Anaheim, CA. November 2017.
40. Sarcopenia, Telomere Length and Mortality: NHANES 1999-2002. *International Academy of Nutrition and Aging*, San Francisco, CA, July 2017.
41. Association of Adiposity, Telomere Length and Aging: NHANES 1999-2002. *International Academy of Nutrition and Aging*, San Francisco, CA, July 2017.
42. Association of Sarcopenic Obesity and Mortality: Data from NHANES 1999-2004. *International Association of Gerontology and Geriatrics World Congress*, San Francisco, CA, July 2017
43. *Obesity Management in Older Adults – Meet-the-Professor Sessions. *Endocrine Society (ENDO 2017)*, Orlando, FL. March 2017.
44. *Impact of Obesity in Rural Americans on Health. *Gerontological Society of America Annual Scientific Meeting*, New Orleans, LA. November 2016
45. *Use of a Wearable Activity Device in Rural Older Obese Adults: A Mixed-Methods Pilot. *Gerontological Society of America Annual Scientific Meeting*, New Orleans, LA. November 2016
46. *Is Obesity Important in Older Adults. *The Obesity Society Annual Meeting (Obesity Week)*, New Orleans, LA. November 2016.
47. *Accountable Care Organizations: Dartmouth-Hitchcock’s Experience. *American Geriatrics Society Annual Meeting*, Long Beach, CA. May 2016.
48. *Nutritional Considerations in Geriatric Obesity. *American Geriatrics Society Annual Meeting*, National Harbor, MD. May 2015.
49. *Why is Obesity Important in Older Adults. *American Geriatrics Society Annual Meeting*, National Harbor, MD. May 2015.

50. Preparing your Portfolio for Promotion. *American Geriatrics Society Annual Meeting*, National Harbor, MD. May 2015.
51. Prevalence of Low Lean Mass in the USA using the FNIIH Sarcopenia Project Cutpoints. *International Conference on Frailty & Sarcopenia Research*, Boston, MA, April 2015.
52. Association of Physical Impairments with FNIIH Sarcopenia definitions of Clinical Weakness: Data from the Health & Retirement Survey. *International Conference on Frailty & Sarcopenia Research*, Boston, MA, April 2015.
53. *Functional Recovery of Frail Older Adults Following Fragility Fractures. *University of Scranton – Geisinger Health System*, Scranton, PA. April 2014.
54. *Peri-Operative Care in Older Adults with Fragility fractures. *University of Scranton – Geisinger Health System*, Scranton, PA. April 2014.
55. *Palliative Care for the Frail Elder: Enhancing Shared-Decision Making at the End of Life. *International Congress of Palliative Care*, Montreal, Canada. October 2012.
56. High Adiposity and Survival in the Elderly US Population. *American Geriatrics Society Annual Meeting*, Orlando, FL. May 2010.
57. *Geriatric Hip Fracture Symposium: Principles of Co-Management. *American Geriatrics Society Annual meeting*, Orlando, FL. May 2008.
58. Effects of a Hospitalist Care Model on Mortality in Elderly Patients with Hip Fracture. *American Geriatrics Society Annual Meeting*, Seattle, WA. May 2007.
59. Resource Utilization amongst Total Knee Arthroplasty Patients Cared for on a Specialty Orthopedic Nursing Unit. *American Geriatrics Society Annual Meeting*, Seattle, WA. May 2007.
60. *Effect of Bariatric Surgery on Cardiovascular Risk and Predicted Effect on Cardiovascular events and Mortality in Class II-III Obesity. *American College of Cardiology Scientific Sessions*, Atlanta, GA, March 2006

Continuing Medical Education & Lectures - Local/Regional Lectures

*indicates continuing medical education credits

1. Updated ESPEN/EASO Consensus Criteria for the Definition and Diagnostic Criteria of Sarcopenic Obesity. *Geriatric Oncology (Cancer & Aging Symposium)*, Chapel Hill, NC. December 2nd, 2022
2. Clinical Pearls in Managing Older Adults with Obesity. *Wake AHEC – Improving Obesity Treatments in Primary Care*. Raleigh, NC. October 29, 2022. Frailty and Falls. *Geriatrics for Primary Care Providers - Project Echo*. Friday, October 21st, 2022. [Virtual]
3. How to conduct a Systematic Review – Systematic Review Panel Discussion. University of North Carolina at Chapel Hill, Chapel Hill. June 9th, 2022. [Virtual]
4. Sarcopenia, Sarcopenic Obesity, and Myosteatosis – The Importance of Fat and Muscle in aging. *Lineberger Geriatric Oncology Lunch & Learn*, Chapel Hill, NC (virtual.; March 17th, 2022.
5. Improving Health and Function in Older Patients with Obesity. *Division of Geriatric Medicine Research Talk*, University of North Carolina at Chapel Hill, Chapel Hill, NC. July 23rd, 2021. [Virtual]
6. Treating Obesity in Older Adults: From Epidemiology to Clinical Therapies. *Nutrition Obesity Research Center Seminar*. Chapel Hill, NC. April 9th, 2021. [Virtual]
7. The Whole is Greater than the Sum of its Parts? The Importance of Fat and Muscle in the Aging Process. *Carolina Population Center*. Chapel Hill, NC. February 26, 2021 [Virtual]

Continuing Medical Education & Lectures - Local/Regional Lectures – pre-UNC [9/2020]

*indicates continuing medical education credits

1. Insights into Delivering eHealth Interventions in Obesity Medicine. *Center for Technology & Behavioral Health*. Lebanon, NH; January 18th, 2019.

2. Weight Loss Interventions in Rural Adults. Dartmouth-Hitchcock Section of General Internal Medicine, Lebanon, NH. January 10th, 2019.
3. *Telehealth as a Modality for Rural Obesity Care. *Northeast Regional Telehealth Conference*. Portland, ME; June 2018.
4. *Obesity in Older Adults: Clinical Pearls & Treatment Strategies. *Healthy Aging Conference*. University of Vermont; Colchester, VT. April 11th, 2018.
5. Mentorship for Academic Success; Dartmouth-Hitchcock Section of General Internal Medicine, Lebanon, NH. December 22nd, 2017.
6. *Primary Care Obesity Management in Rural Older Adults: Challenges & Opportunities. *Roundtable Rural Health Conference*. Bartlett, NH. November 2017.
7. *Clinical Pearls in Geriatric Obesity. *Medical Grand Rounds*. Dartmouth-Hitchcock, Hanover, NH. April 6th, 2017.
8. Clinical Pearls of Managing Older Adults with Obesity. Section of General Internal Medicine, Dartmouth-Hitchcock, Lebanon, NH. March 2017.
9. *Obesity, Sarcopenia and Falls. *New Hampshire Falls Risk Reduction Annual Fall Conference*. Bedford, NH. September 2016.
10. *A Weighty Concern in Older Adults. *New Hampshire Falls Task Force Quarterly Meeting*. Concord, NH. May 2016.
11. Geriatric Case Conference. Section of General Internal Medicine, Dartmouth-Hitchcock, Lebanon, NH. March 2016
12. Behavioral Pearls & Emerging Therapies in Obesity Management. Section of General Internal Medicine, Dartmouth-Hitchcock, Lebanon, NH. January 2016.
13. Academic Mentorship. Section of Hospital Medicine, Dartmouth-Hitchcock, Lebanon, NH. January 2016.
14. Osteoporosis: An Update. *Associate Provider Education Session*. Section of General Internal Medicine, Dartmouth-Hitchcock, Lebanon, NH. September 2015
15. *A Weighty Concern: Obesity Management in 2015. Northeastern Vermont Regional Medical Center, St. Johnsbury, VT. June 2015.
16. Sarcopenia in Older Adults: Assessment and Management. Section of General Internal Medicine, Dartmouth-Hitchcock, Lebanon, NH. October 2014.
17. Guiding Principles for the Care of Older Adults with Multi-morbidity. Northern New England Geriatric Education Center, Lebanon, NH. April 2014
18. *Should we Treat Obesity in Older Adults. Medicine Grand Rounds, Dartmouth-Hitchcock, Hanover, NH. Lebanon, NH. April 2014.
19. *Sarcopenia: Why the Weakness? New Hampshire Falls Conference, Bedford, NH. June 2014
20. Guiding Principles for the Care of Older Adults with Multimorbidity: Advancing Competency for Geriatric Care in Rural New England. *Northern New England Geriatric Education Center*. Lebanon, NH. April 2013.
21. Obesity in the Elderly. Section of Weight & Wellness, Dartmouth-Hitchcock, Lebanon, NH. March 2013.
22. Obesity in the Elderly. *Associate Provider Education Session*. Section of General Internal Medicine, Dartmouth-Hitchcock, Lebanon, NH. March 2013.
23. Failure to Thrive and Frailty. *Geriatric Mental Health Series*. Northern New England Geriatric Education Center, Lebanon, NH. February 2013.
24. Geriatric Considerations for Bariatric Surgery. Section of Bariatric Surgery, Department of Surgery, Dartmouth-Hitchcock, Lebanon, NH. January 2013.
25. Conservative Prescribing. Section of General Internal Medicine, Dartmouth-Hitchcock, Lebanon, NH. December 2012.
26. Self-Neglect and Failure to Thrive. Northern New England Geriatric Education Center, Lebanon, NH. May 2012.

27. *Principles of Conservative Prescribing. Rutland Regional Medical Center, Rutland, VT. May 2012.
28. *Overweight and Over 60. *Vermont Dietetic Association Annual Meeting*. Essex Junction, VT. May 2012.
29. Principles of Conservative Prescribing in Elders. *Geriatric Pharmacology Conference*. Northern New England Geriatric Education Center, Concord, NH. May 2012.
30. Failure to Thrive. Northern New England Geriatric Education Center, Claremont, NH. May 2012.
31. *Management of the Geriatric Patient with Obesity. *Society of General Internal Medicine – New England Regional Meeting*. Portland, ME. March 2012.
32. A Slippery Slope: A Brief Case in Hospital-Based Geriatrics. Section of Hospital Medicine, Dartmouth-Hitchcock, Lebanon, NH. January 2012
33. Osteoporosis: Epidemiology, Treatment & Controversies. *Associate Provider Educational Session*. Section of General Internal Medicine, Dartmouth-Hitchcock, Lebanon, NH. December 2011.
34. Overweight and Over 60: When Overweight is Really a Problem. Northern New England Geriatric Education Center, Lebanon, NH. December 2011
35. *Osteoporosis. Geriatric Case Conference, Dartmouth-Hitchcock, Lebanon, NH. July 2011.
36. *American Geriatrics Society Meeting Update 2011. *Geriatric Case Conference*. Dartmouth-Hitchcock, Lebanon, NH. May 2011.
37. Managing Behavioral Disturbances in Dementia. Section of General Internal Medicine, Dartmouth-Hitchcock, Lebanon, NH. September 2010.
38. Driving and Dementia: A Review of the 2010 AAN Guidelines. Northern New England Geriatric Education Center, Lebanon, NH. June 2010.
39. *Obesity in Elderly Adults. *Dartmouth Co-Op Meeting*. Hanover, NH. February 2010.
40. *Multiple Feedings of the Mind – Geriatric Medicine. *American College of Physicians NH/VT Meeting*. Stowe VT. October 2009.
41. Perioperative Care of the Elderly Patient. *Department of Obstetrics & Gynecology Grand Rounds*. Dartmouth-Hitchcock, Lebanon, NH. September 2009.
42. *Medications: A Double-Edged Sword in Elderly Patients. *Dartmouth-Hitchcock Geriatric Update*. Lake Morrey, VT. April 2009.
43. Polypharmacy in the Elderly. Section of General Internal Medicine, Dartmouth-Hitchcock, Lebanon, NH. April 2009.
44. Fever in the Medical Patient. *Section of Maxillofacial & Oral Surgery Grand Rounds*. Dartmouth-Hitchcock, Lebanon, NH. February 2009.
45. Conducting the Post-Fall Assessment. Northern New England Geriatric Education Center, Lebanon, NH. December 2008
46. Multifactorial Falls Assessment in the Elderly. Section of General Internal Medicine, Dartmouth-Hitchcock, Lebanon, NH. March 2008.
47. The Hospitalized Elder. *Mayo Clinic Geriatrics Care Clinical Conference*. Rochester, Minnesota. August 2007.
48. Hospitalists and Hip Fractures. Division of Hospital Medicine, Mayo Clinic, Rochester, Minnesota. March 2007.
49. Resource Utilization in Orthopedic Patients. *Geriatrics Care Clinical Conference*. Mayo Clinic, Rochester, Minnesota. January 2007.
50. *Geriatric Update. *Clinical Reviews*. Mayo Clinic, Rochester, MN. October 2006.
51. Obesity in the Elderly. *Primary Care Clinical Conference*. Mayo Clinic, Rochester, Minnesota. September 2006.
52. Multiple Myeloma. *Medical Update Conference*. St. James' Hospital, Dublin, Ireland. February 2003.
53. CNS Vasculitis & Amyloid Angiopathy. *Neurology Grand Rounds*. University of Connecticut, Farmington, CT. July 2000.

Training Grant Faculty

T32-HD091058: Hummer/Thompson (PI): 05/2022—Present
Carolina Population Center: From Biological to Social processes: Interdisciplinary
Training in Life Course Research

T32-HD007168: Pearce (PI) 05/2022—Present
Carolina Population Center: Population Science Training Grant

T35AG038047: Busby-Whitehead (PI) 01/2021—Present
UNC-CH Summer Research Training in Aging for Medical Student

Research Teaching - Graduate Students

Gillings School of Global Public Health, University of North Carolina at Chapel Hill, Chapel Hill, NC

1. NUTR 695: *MPH Nutrition Research*
 - Spring 2023: Chang Sun
2. NUTR 925: *PhD Graduate Research Experience in Nutrition* (Faculty Supervisor)
 - Winter/Spring 2023: Danae Gross
 - Fall 2022: Danae Gross
3. NUTR 910: *MS Nutritional Research Experience* (Faculty Supervisor)
 - Winter 2023: Chang Sun

The Dartmouth Institute for Health Policy & Clinical Practice and Dartmouth College, Hanover, NH

1. Research – *Master's in Data Science* (Faculty Supervisor)
 - Winter 2022, Spring 2022, Summer 2023: Allison Park
2. Research – *PhD Graduate Research Experience* (Faculty Supervisor)
 - Summer 2020, Fall 2020, Winter 2021, Spring 2021: Curtis Petersen
3. Research – *MPH Graduate Research Experience* (Faculty Supervisor)
 - Summer 2014, Fall 2014, Winter 2015, Spring 2015: Tilman Witte

Research Teaching - Undergraduate Students

1. NUTR 295
Undergraduate Research Experience in Nutrition (Faculty Supervisor)
Gillings School of Global Public Health, University of North Carolina at Chapel Hill
 - Winter/Spring 2023: Dakota Batchek, Aaron Monds**, Caroline Silbaugh**
 - Fall 2022: Dakota Batchek, Jacob Desalgen, Michael Fowler**, Aaron Monds**;
 - Winter/Spring 2022: Claire Dixon**, Michael Fowler**, Sammy Gua**Undergraduate Honors Research Project

Medical Student Research Preceptorships

- Medical Student in Aging Research Training Preceptor, University of North Carolina at Chapel Hill, Chapel Hill, NC, 2021—Present
- Carolina Medical Student Summer Research Program, Preceptor, 2023
- INMD 7000, *Undergraduate Medical Research* (Faculty Supervisor). University of Minnesota School of Medicine
 - June 2022: Christian Haudenschild

Attending on Clinical Service

- Inpatient General Medicine Teaching Attending, 2008-2012
- Inpatient Medicine Staff Preceptor (Year 3 Medical Students, PGY-1, PGY-3), 2006-2008

Ambulatory Clinical Teaching

- Year 2 Transitions Course, Telemedicine Roundtable (Geriatrics), University of North Carolina School of Medicine, February 23rd, 2021
- Geriatric Ambulatory Block (Year 4), Geisel School of Medicine at Dartmouth, Clinical Faculty Preceptor (50-144 hours/year), 2009-2020
- PGY-2 Geriatric Medicine Rotation Clinic, Internal Medicine Residency, D-H, 2008-2020
- PGY 1-3 Internal Medicine Continuity Clinic Preceptor, D-H (~24 hours/year), 2016
- On Doctoring (Year 1 & 2) Small Group Facilitator, Geisel School of Medicine at Dartmouth (~104 hours/year), 2009-2013
- PGY1 & PGY-3, Business of Medicine Clinical Rotation, IM Residency, D-H, 2009-2012
- On Doctoring (Year 1 & 2), Geisel School of Medicine at Dartmouth, Clinical Faculty Preceptor (~104 hours/year), 2009-2010
- PGY1-3 Internal Medicine Continuity Clinic Preceptor, D-H (~200 hours/ year), 2008-2009
- PGY-4 Geriatric Medicine Continuity Clinic Preceptor, Mayo Clinic, 2007-2008
- Geriatric Medicine Ambulatory Block (Tutor, ~80 hours/year), Mayo Medical School, 2006-2008
- Clinical Diagnosis (Tutor, ~100 hours/ year), Mayo Medical School, 2006-2008.

Graduate Supervision/Teaching

Post-Doctoral Clinical Fellows:

- Michael Rydberg, University of North Carolina at Chapel Hill, Geriatrics Fellows, 2021-2023
- Kimberly Mournighan, MD, University of North Carolina at Chapel Hill Geriatrics Fellows, 2022-23
- Hillary Spangler, MD, University of North Carolina at Chapel Hill Geriatrics Fellows, 2022-2023
 - *Carolina Population Center Seed Grant 2023*
- Ulysses Toche, MD, University of North Carolina at Chapel Hill Geriatrics Fellows, 2022-2023
- Brianna Harder, MD, University of North Carolina at Chapel Hill Geriatrics Fellows, 2021-2022
- Max Hockenbury, MD, University of North Carolina at Chapel Hill Geriatrics Fellows, 2021-2022
- Tiffany Long, MD, University of North Carolina at Chapel Hill Geriatrics Fellows, 2021-2022
- Sarah Stoneking, MD, University of North Carolina at Chapel Hill Geriatrics Fellows, 2021-2022
- Andrew La Paz, MD, University of North Carolina at Chapel Hill Geriatrics & Cardiology Fellow, 2020-2021
- Rachna Goswami, Baylor, Geriatric Medicine Fellow, 2021
- David Lynch, MD, University of North Carolina at Chapel Hill Geriatrics Fellows, 2020-2021
- Carissa Lau, MD, University of North Carolina at Chapel Hill Geriatrics Fellows, 2020-2021
- Saurabh Sharma, MD, Mayo Clinic Internal Medicine Resident, University of Alabama Cardiology Fellow, 2013-15
- William Miranda, MD, Mayo Clinic Internal Medicine Resident & Cardiology Fellow, 2010-2013

Clinical Residents

- Dominic Boccaccio, MD, University of North Carolina at Chapel Hill, Internal Medicine, 2022-Present
- Michael Rydberg, UNC-Chapel Hill, Internal Medicine Resident, 2021-2023
- Hillary Spangler, UNC-Chapel Hill, Internal Medicine Resident, 2021-2022
- Matthew Von Dongen, UNC- Chapel Hill Internal Medicine Resident, 2020-2021
- Rachel Griffith, MD, D-H Internal Medicine Resident, 2020-2022 (nutrition)
- Jason Malenfant, MD, D-H Internal Medicine Resident, 2016-2019 (nutrition)
- Gregory Rosic, MD, D-H Internal Medicine Resident, 2015-2016 (geriatrics)
- Caroline Kim, MD, D-H Internal Medicine Resident & Geriatric Medicine Fellow BI Deaconess, 2012-2016 (geriatrics)
- Palak Patel, MD, D-H Internal Medicine Resident, 2012-2015 (geriatrics)
- John C. Matulis, DO, MPH, D-H Internal Medicine Resident & Leadership Preventive Medicine, 2012-2015

- Isaac Chua, MD, D-H Internal Medicine Resident, 2012-2013 (geriatrics)
- Chaithra Prasad, MD, Mayo Clinic Internal Medicine Resident, 2010-2012
- Laurel Fedor, MD, D-H Internal Medicine Resident, 2009
- Paul Anderson, MD, D-H Internal Medicine Resident, 2009
- Daniel Claassen, MD, Mayo Clinic Internal Medicine Resident, 2005-2006

Undergraduate Medical Student Supervision/Teaching

- Jessica Dahringer, Virginia Commonwealth University, 2023 – Present (geriatrics)
- Matthew Yang, University of North Carolina at Chapel Hill, 2023 – Present (geriatrics)
- Ray Cheevers, University of North Carolina at Chapel Hill, 2022 - Present (nutrition, geriatrics)
- Brian Wood, University of North Carolina at Chapel Hill, 2022 – Present (geriatrics)
- Rahi Shah, Midwestern University, 2022 – Present (geriatrics)
- Daniela Shirazi, California University of Science and Medicine, 2021 – 2023 (nutrition, geriatrics)
- Anne Worth, University of North Carolina at Chapel Hill, 2021 – 2022 (nutrition, geriatrics)
- Rayad Sham, University of North Carolina at Chapel Hill, 2021 – 2022 (nutrition, geriatrics)
- Marco Fanous, University of North Carolina at Chapel Hill, 2021 – 2022 (nutrition, geriatrics)
- Anna Kahkoska, University of North Carolina at Chapel Hill, 2021 – 2022 (nutrition, geriatrics)
- Arunsrinivasan Ponshunmugam, Geisel School of Medicine at Dartmouth, 2018 – 2020 (qualitative)
- Lillian Seo, Geisel School of Medicine at Dartmouth, 2018 – 2020 (mHealth, geriatrics)
- Sadhana Puri, Geisel School of Medicine at Dartmouth, 2019 – 2020 (obesity & cognition)
- Xingyi Li, Geisel School of Medicine at Dartmouth, 2018–2020 (mHealth, geriatrics)
- Nayan Agarwal, Geisel School of Medicine at Dartmouth, 2015–2019 (geriatrics, mHealth, obesity)
- Alexander Mittman, Geisel School of Medicine at Dartmouth, 2019 (mHealth)
- Soo Yeon Kim, Geisel School of Medicine at Dartmouth, 2018 (obesity, geriatrics)
- Peter Ripberger, University of New England College of Osteopathic Medicine, 2016–2018 (geriatrics, epidemiology)
- Rebecca Masutani, Geisel School of Medicine at Dartmouth, 2015–2018 (geriatrics, obesity)
- A. Khoa Pham, Geisel School of Medicine at Dartmouth, 2011–2015 (career mentorship)
- Ayobami Olufadeji, Geisel School of Medicine at Dartmouth, 2011–2015 (career mentorship)
- Ashley Pinchinat, Geisel School of Medicine at Dartmouth, 2011–2013 (career mentorship)
- Shirley Liu, Geisel School of Medicine at Dartmouth, 2011–2013 (career mentorship)
- Hey Le, Geisel School of Medicine at Dartmouth, 2011–2013 (career mentorship)
- Katherine Jackson, Geisel School of Medicine at Dartmouth, 2011–2013 (career mentorship)
- Lauren Hyde, Geisel School of Medicine at Dartmouth, 2011–2013 (career mentorship)
- William Monaco, Geisel School of Medicine at Dartmouth, 2011–2013 (career mentorship)
- Danette Flint, Geisel School of Medicine at Dartmouth, 2011–2013 (career mentorship)
- Amber Amendola, Geisel School of Medicine at Dartmouth, 2011–2012 (career mentorship)
- Salia Moni, Dartmouth Medical School, 2010 (geriatrics).

Post-Doctoral Research Fellows

- Lisa Dowling, PhD, Nutrition Mentor, 2022 - Present
- Carmen Cuthbertson, PhD, K99/R00 Geriatrics Mentor, 2021-2022
- Meaghan A. Kennedy, MD, MPH, T32 Primary Care Research Post-Doctoral Fellowship, 2017-2020
- Courtney J. Stevens, PhD, T32 NIMH Mental Health Services Training Program, 2017-2020
 - K08-CA259632
- Jose Medina-Inojosa, MD, MS, Post-Doctoral Fellow, T32 Cardiovascular Diseases Training Program, Mayo Clinic, 2016-2019
- Jessica M. Brooks, PhD, T32 NIMH Mental Health Services Training Program, 2016-2018

- Karine Sahakyan, MD, PhD, Post-Doctoral Fellow, T32 Cardiovascular Diseases Training Program, 2012-2015.

Graduate Supervision (PhD Candidates)

- Danae Gross, RD, PhD Candidate, Core Thesis Advisor, University of North Carolina at Chapel Hill, 2022 - Present
- Jessica Sprinkles, University of North Carolina at Chapel Hill – Nutrition, 2023 – Present, Dissertation Committee
- Jill Akiyama, University of North Carolina at Chapel Hill, Health Policy and Management, Dissertation Committee Member, 2022 – Present (geriatrics)
- Curtis Petersen, PhD Candidate, Core Thesis Advisor, The Dartmouth Institute for Health Policy & Clinical Practice, Dartmouth College, 2017 – 2021
 - Petersen CL. *Precision Medicine: The Potential for Connecting Mobile Health Phenotypes to Molecular Profiles*. Order No. 28540335 ed. Dartmouth College; May 2021. <https://www-proquest-com.dartmouth.idm.oclc.org/docview/2555473932>. Examining Committee: **John A. Batsis**, Brock Christensen, Linda Park, Nicholas Jacobson.
- Jason Aziz, PhD Candidate, Thesis Committee, Jean Mayer USDA Nutrition Center, Tufts University, Boston, MA, 2018-2020
 - *Urban-Rural Differences in the Prevalence of Muscle Weakness and Slow gait Speed*.
- Diane Sette, DNP Candidate, Thesis Committee, Massachusetts General Hospital Institute of Health Professions Post-Master's Program, 2017-2018
 - *Patient experience and outcomes in a rural academic weight-loss center: A mixed methods study and consideration for program improvements and evolution*

Graduate Supervision (Master's)

- Chang Sun, MPH (Advisor), Department of Nutrition, UNC Chapel Hill, 2022-2023
- Christian Haudenschild, MS Candidate, Quantitative Biomedical Sciences, Dartmouth College, 2019-2020
- Alexandra B. Zagaria, MPH Candidate, Course Advisor PH 197, The Dartmouth Institute for Health Policy & Clinical Practice, Dartmouth College, 2017-2018
- George G. Boateng, MS Candidate, Thesis Committee, Thayer School of Engineering, Dartmouth College, 2017-2018. *ActivityAware: Wearable System for Real-Time Physical Activity Monitoring among the Elderly*. Dartmouth Technical Report TR2017-824. May 2017. Master of Science Thesis Advisors: David Kotz, Ryan Halter, **John Batsis**. <http://www.cs.dartmouth.edu/reports/abstracts/TR2017-824/>
- Tilman Witte, MPH Candidate, Thesis Committee, The Dartmouth Institute for Health Policy & Clinical Practice, Dartmouth College (*The Association of Thyroid Function & Visceral Adiposity*), 2014-2015.

Undergraduate Student Supervision/Teaching

- Dakota Batchek, BA Candidate (Pre-Med), Arts & Science, 2022-Present
- Marianne Bahna, BA Candidate (Pre-Med), Arts & Sciences, 2023–Present
- Caroline Silbaugh, BSPH Candidate (Nutrition), School of Public Health, 2023
- Aaron Monds, BSPH candidate (Nutrition), School of Public Health, 2022 – 2023
- Jacob Desalgen, BA Candidate (Pre-Med), Arts & Science, 2022
- Michael Fowler, BSPH Candidate (Nutrition), School of Public Health, 2021-2023
- Claire Dixon, BSPH Candidate (Nutrition), School of Public Health, 2021-2022
- Sammy Suo, BSPH Candidate (Nutrition), School of Public Health, 2021-2022
- Ryan Shean, Arts & Science, Dartmouth College, 2019-2021 (research assistant)
- Colin Minor, Thayer School of Engineering, 2019-2021 (transdisciplinary team science)
- Jessica Kobsa, Psychology & Biology, Dartmouth College, 2019-2020 (obesity)

- Kobsa, Jessica E. *Piloting an At-Home Sustained Attention Training to Reduce Attention to Peripheral Food Cues*. Senior Honors Thesis. May 2020. Examining Committee: Diane Gilbert-Diamond, John Brand, Jennifer Emond, Luke Chang, **John Batsis**.
<https://students.dartmouth.edu/ugar/research/programs/senior-fellowships/2019-2020-senior-fellows>
- Suehayla Mohieldin, Electrical Engineering, Thayer School of Engineering, 2018-2020
 - BANDPASS: A Smart Resistance Exercise Band to Monitor Strength. Dartmouth Technical Report. Senior Honors Thesis. May 2019. Advisors: Ryan Halter, **John Batsis**.
<https://digitalcommons.dartmouth.edu/engs88/8/>
- Cristel Callupe Chavez, Electrical Engineering, Thayer School of Engineering, 2018-2020
- Rachel Dokko, Biology (Arts & Science), Dartmouth College, 2017-2018
- Emily Wechsler, Electrical Engineering, Thayer School of Engineering, 2016-2018
 - Wechsler Emily V. Development of a “Smart” Resistance Exercise Band to Assess Strength. Senior Honors Thesis. May 2018. Advisors: Ryan Halter, **John Batsis**, David Kotz.
- Alexandra Dalton, Computer Science (Arts & Science), Dartmouth College, 2017

Academic Teaching/Mentorship

Faculty Mentor

- Lindsay Buckingham, MD, University of North Carolina Wilmington, 2022-Present (Geriatrics)
 - Novant-UNC Oncology Research Scholars Program
- Anna Kahkoska, University of North Carolina at Chapel Hill, 2020-Present (nutrition)
 - National Academy of Medicine (200001274), KL2TR002490
- David Lynch, MD, University of North Carolina at Chapel Hill, Chapel Hill, NC, 2021–Present
 - Clin-Star (CS22005)
- Meaghan A. Kennedy, MD, MPH, Family Medicine, Veterans Affairs, Bedford, MA, 2021–Present
 - VA Career Development (CDA-2)
- Shakira Grant, MD, University of North Carolina at Chapel Hill, Chapel Hill, NC, 2021–2023
- Issam El-Bizri, MD, Section of General Internal Medicine (Geriatrics) faculty, Dartmouth-Hitchcock, 2019–2020
- Shenbagum Dewar, MD, Division of Geriatrics, University of Michigan, 2019–2020
- Rebecca S. Crow, DO, Section of General Internal Medicine (Geriatrics) faculty, Dartmouth-Hitchcock, 2018–2020
- Heather E. Doherty, PhD, Plymouth State University, Plymouth, NH, 2018–2020
- Sivan Rotenberg, PhD, Section of Psychology & Psychiatry faculty, Dartmouth-Hitchcock, 2017–2019
- Stephen K. Liu, MD, MPH, Section of General Internal Medicine faculty, Dartmouth-Hitchcock, 2016–2017
- Moxie Loeffler, DO, MPH, Section of General Internal Medicine faculty, Dartmouth-Hitchcock, 2014–2015
- Sohaib Aleem, MD, MPH, Section of General Internal Medicine, Dartmouth-Hitchcock, 2011–2014
- Gina G. Fernandez, MD, Section of General Internal Medicine (Geriatrics) faculty, Dartmouth-Hitchcock, 2012–13

Research Staff Associate Supervision

- Social/Clinical Research Assistants, Center for Aging & Health, UNC Chapel Hill
 - Jennifer Poole, BS 2023-Present
 - June Weston, MPH 2022-Present
 - Caroline Summerour, BS, 2021-Present
 - Tiffany Driesse, BS, 2020-2023
 - Quirina Vallejos, MPH 2021-2022

- Research Assistants/Coordinators, Dartmouth-Hitchcock
 - Tiffany Driesse, BS, Center for Health and Aging 12/2019–07/2020
 - Vanessa Rauch, BA, Section of Weight & Wellness 2019-2020
 - Tyler Gooding, BA, Section of Weight & Wellness 2019-2020
 - Meredith Roderka, BS Section of Weight & Wellness 2018-2020
 - Molly Caisse, BA, Center for Health and Aging 2019
 - Emma Brooks, BS, Section of Weight & Wellness 2018-2019
 - Aaron Weintraub, BS, Section of Weight & Wellness 2017-19
 - Theresa Chockenbengboun, Center for Health and Aging 2018
- Project Manager
 - Peter DiMilia, MPH, Center for Health and Aging 2018-2019
 - Alexandra Zagaria, BA, Center for Health and Aging 2016-2018
- Research Interventionists, Dartmouth-Hitchcock
 - Christina Aquila, MSN, RDN, Research Clinical Dietitian Section of Weight & Wellness 2019-2020
 - KC Wright, MSN, RDN, Research Clinical Dietitian Section of Weight & Wellness 2019-2020
 - Ann L. Haedrich, PT, Research Physical Therapist 2018-2020
 - Gail Langeloh, RD, Section of Weight & Wellness 2018-2020
 - Dawna M. Pidgeon, PT, Research Physical Therapist 2016-2020
 - Rima I. Al-Nimr, RDN, MS, Research Clinical Dietitian Section of Weight & Wellness 2016-2020
 - Dianne Kelecy, RD, Research Dietitian, Section of Weight & Wellness 2018
 - Aimee Greeley, PT, Research Physical Therapist 2018

Other Supervision - Undergraduate Students

1. SPHG 713

Understanding Public Health - Poster Session Evaluator

Gillings School of Global Public Health, University of North Carolina at Chapel Hill

- November 29th, 2021.

GRANTS

Current

R01 AG077163-01A1

Batsis (PI)

02/2023 – 01/2028

Title: *Optimizing Telehealth-delivery of a Weight Loss Intervention in Older Adults with Multiple Chronic Conditions: A Sequential, Multiple Assignment, Randomized Trial*

Goal: Using a sequential, multiple assignment randomized trial design to identify the optimal initial and adaptive strategy to lose weight in older adults with obesity. Funded by the National Institute on Aging.

Role: PI (25%)

Amount: \$3,617,559

NICHD/NIH T32-HD091058-06

Hummer, Aiello (PI)

05/2022 – 04/2028

Title: *From Biological to Social Processes: Interdisciplinary Training in Life Course Research*

Goal: This is a training grant that facilitates the integration of social and health science research approaches to improve the scientific community's understanding of population health and well-being across the life course.

Role: Mentor (In-Kind effort)

IK2RX003930-01A1 Kennedy (PI) 11/2022 – 10/2027
VA RR&D CDA-2
Title: *Development and Feasibility of a Behavioral Activation Intervention to Support Independence in Older Veterans at Risk for Functional Decline*
Goal: A feasibility study as part of a career development award through the Veterans Affairs
Role: Ad-Hoc Advisor
Amount: \$1,466,783

1UG1HD107692-01 Mayer-Davis (PI) 12/2021 - 11/2026
NIH/NIDDK
Title: *Nutrition for Precision Health: The University of North Carolina at Chapel Hill Clinical Center*
Goal: Our proposal will address the critical need to understand variability in physiologic responses to diet, anchored by the theme of inflammation as a driver of many chronic disease processes.
Role: Co-Investigator (10%)
Amount: \$10,697,787

Novant-UNC Oncology Research
Scholars Program Batsis/Buckingham (MPI) 06/2023 – 06/2024
Goal: *To improve decision-making by developing an electronic patient-administered measure of frailty (eFA) which can be applied in the clinic setting for women with a new diagnosis of ovarian cancer.*
Role: PI (2.5%)
Amount: \$50,000

NIA/NIA R01-AG067416 Liang (PI) 09/2019– 05/2024 (NCE)
Title: *Smart & Connected Health Collaborative Research: Exploiting Voice Assistant Systems for Early Detection of Cognitive Decline*
Goal: The goal of this project is to investigate whether voice-activating tasks and features are sensitive to human cognition, cognitive decline and whether they can be used to monitor health conditions.
Role: Co-Investigator (Site PI – 10-20% effort)
Amount: \$1,179,714

ACTP2R2001 (Pilot Award) Batsis (PI) 06/2023 – 05/2024
NIH/NCATS - North Carolina Translational and Clinical Science Institute (NC TraCS)
Title: *A Precision Nutrition Approach to Enhancing Physical Function in Older Adults: A pilot, feasibility study*
Goal: A pre-post intervention that will evaluate the impact of β -hydroxymethylbutyrate on muscle structure and function.
Amount: \$50,000

P30-AG073104 (Pilot Award) Batsis, Liang (MPI) 06/2023 – 05/2024
Title: *Geriatric Functional Assessment System Using Passive Wearable Sensing and Deep Learning*
Goal: To develop a prototype system that incorporates deep learning algorithms for the measurement of physical function.
Amount: \$60,522

Carolina Population Center Seed Grant Batsis/Spangler (MPI) 06/2023 – 05/2024
Title: *Using precision medicine to address healthcare disparities in rural older adults with frailty*
Goal: To use National Health and Aging Trends survey data to identify individuals with frailty and evaluate whether there are clusters or subtypes with favorable outcomes that lead to reduced healthcare utilization.
Amount: \$19,640

2000012740 Kahkoska (PI) 11/2022 – 10/2023
National Academy of Medicine
Title: *Systems-Aligned Precision Health for Longevity and Healthy Aging with Type 1 Diabetes*
Goal: We propose a new approach to tailored diabetes care that uses precision health analytics, informed by systems thinking and stakeholder engagement to expands the spirit of precision health
Role: Consultant
Amount: \$50,000

CS22005 Lynch (PI) 10/2022 – 09/2023
Clin-STAR
Title: *Using Metabolomics to Identify Drivers of Muscle Weakness and Functional Decline for Older Adults.*
Goal: To use secondary data and existing samples and apply precision medicine analytics to determine metabolites that predict improved physical function
Role: Co-Investigator (Primary Mentor)
Amount: \$54,000

2022 Junior Faculty Development Award Batsis (PI) 01/2022 – 10/2023
UNC Executive Vice Chancellor and Provost Office
Title: *A Precision Medicine Intervention in Older Adults with Frailty*
Goal: To evaluate changes in metabolomic signatures among older adults with frailty participating in a prescribed physical therapy resistance exercise program upon hospital discharge and to evaluate the predictive nature of such signatures on improved physical function.
Role: PI (In-Kind)
Amount: \$10,000

NIA/R41-AG-072943 Nicolla (PI) 09/2021 - 08/2023 (NCE)
Prepped Health, LLC
Title: *STTR Remote Patient Monitoring of Family Caregivers of Patients with Alzheimer's Disease*
Goal: We will conduct two aims: first, build a Digital Outpost platform prototype, and second, pilot test the prototype for usability and feasibility.
Role: Consortium PI (10%)
Amount: \$26,671

KL2TR002490 Kahkoska (TraCS Scholar) 07/2021 – 07/2023
NIH/NCATS - North Carolina Translational and Clinical Science Institute (NC TraCS)
Title: *Whether, When, and How: Integrating Systems Science and Precision Health for Individualized Diabetes Care in Older Adults*
Goal: The goal is to learn whether, when, and how to individualize the delivery of evidence-based interventions to balance clinical metrics and patient preferences with system-level investments for optimal population health to tailor resources for effective use of continuous glucose monitoring in older adults with type 1 diabetes.
Role: Mentor (In-Kind Support)

NIA/NIH R41-AG071290 Halter (PI) 01/2021–12/22 (NCE)
Title: *BandPass: A Remote Monitoring System for Sarcopenia and Functional Decline*
Goal: The major goal of this project is to design, enhance and evaluate a remote monitoring, low Energy Bluetooth resistance exercise band
Role: Academic PI (10% effort)
Amount: \$224,000

NIH/NIA R01-AG058615 Franz (PI) 06/2021 – 05/2023 (NCE)
Title: *Dynamic imaging to guide wearable robotic intervention for enhanced mobility in aging.*
Goal: To introduce a novel, neuromechanical explanation for age-related reductions in walking performance investigating the efficacy of biologically-inspired ankle exoskeletons to improve gait performance and reduce metabolic energy cost during walking in older adults.
Role: Co-I (4%)

NIH/NIA U01-AG071450 Aiello/Hummer 06/2021 – 05/2024
Title: *National Longitudinal Study of Adolescent to Adult Health (Add Health): Wave VI Cognition and Early Risk Factors for Dementia Project*
Goal: To collect and disseminate critical data on cognitive, physical, and sensory functioning and risk for Alzheimer's Disease and Related Dementias when participants will be in their mid-40's.
Role: Co-I (2%)

Completed

NIA/NIH K23-AG051681 Batsis (PI) 08/2016 – 04/2023 (NCE)
Title: *Mobile health obesity wellness intervention in rural older adults*
Goal: A Career Development Award promoting mHealth/Telehealth delivery of a multidisciplinary intervention to rural older adults with obesity
Role: PI (75% effort)
Amount: \$796,500

3K23-AG-051681-07S1 Batsis (PI) 05/2022 – 04/2023 (NCE)
NIH/NIA
Title: *COVID Extension: Mobile Health Obesity Wellness Intervention in Rural Adults*
Goal: An administrative supplement for the above noted Career Development Award
Role: PI (75%)
Amount: \$163,552

2KR1442102 Batsis (PI) 12/2021 – 11/2022
NIH/NCATS – North Carolina Translational and Clinical Science Institute (NC TraCS)
Title: *Development of a Voice-based Self-administered Dietary Assessment*
Goal: To obtain pilot data that creates a voice assistant device system for dietary assessment that applies novel artificial intelligence technologies (machine learning, natural language processing)
Role: PI (In-Kind)
Amount: \$2,000

ACTP1R1001 Batsis (PI) 11/2021 – 10/2022
NIH/NCATS - North Carolina Translational and Clinical Science Institute (NC TraCS)
Title: *Using multi-modal methods to advance translational geroscience in patients with sarcopenia*
Goal: A Team-Science based award that brings together a translational team of scientists aiming at developing, validating, and evaluating the use of ultrasound with biomarkers in the management of sarcopenia, obesity, and frailty.
Role: PI (In-Kind)
Amount: \$5,000

Federal Ministry of Education & Research
BMBF Germany

06/2019 – 06/2022

Title: *Effective SLOPE: EffectS of Lifestyle Interventions in Obese Older People – a systematic review and network meta-analysis*

Goal: This aim is to ascertain the impact of interventions in older adults with obesity

Role: Co-Investigator (In-Kind effort)

PCOR

Tosteson (PI)

02/2018 – 01/22 (NCE)

Title: *Randomize Everyone: Creating Valid Instrumental Variables for Learning Healthcare Systems*

Goal: Using biomedical informatics to develop automated consent infrastructures within an obesity clinic

Role: Co-Investigator (2.5-5% effort, In-Kind)

Amount: \$1,046,668

National Science Foundation

Kotz (PI)

10/2016 – 10/2021

Title: *Smart earpiece for supporting Healthy Eating Behaviors*

Goal: The goal of this project is to develop an earpiece that could assist in the epidemic of obesity using a transdisciplinary approach

Role: Advisory Committee (In-Kind effort)

Amount: \$515,493

AHRQ 75Q80120C00003

Henage (Subaward PI)

09/2020 – 10/21 (NCE)

Title: *The National Nursing Home COVID Action Network*

Goal: The goal of this project is to provide education using video-conferencing (Project ECHO) to skilled nursing facilities on COVID-19 and providing best-practice care for staff and residents.

Role: Co-Investigator - (7% effort)

Amount: \$400,000

NIDA/NIH P30 Pilot Grant P30DA029926 Batsis (PI)

11/2018 – 05/2021

Title: *Remote, Home-Based Strength Monitoring for Older Adults*

Goal: A mixed-methods evaluation to capture data, provide feedback, and seamlessly integrate a remote resistance band application into future health promotion studies

Role: PI (0% effort, In-Kind)

Amount: \$20,000

NIGMS/NIH P20-GM-103506-09

Green (PI)

07/2018 – 06/2020

Title: *New Hampshire IDEA Network of Biomedical Research Excellence (NH-INBRE)*

Goal: A partnership to improve biomedical research infrastructure in the state of New Hampshire

Role: Scientific Mentor/Advisor (3% effort)

Amount: \$3,510,459

NNECTR/NCATS (SYNERGY)

LaMantia (PI)

02/2019 – 03/2020

Title: *Feasibility of a Community Health Worker Intervention for Functional Decline in Rural Older Adults*

Goal: Multi-site pilot study to determine the feasibility and potential effectiveness of a community-health worker-delivered intervention for older adults at risk for functional decline in rural primary care settings.

Role: Co-Investigator (2% effort)

Amount: \$75,000

CDC Bartels/Adachi-Meijia (PI) 10/2014 – 09/2019
Title: *Health Promotion and Disease Prevention Research Center*
Goal: This project aims to integrate rural health promotion efforts within Northern New England
Role: Advisory Committee (In-Kind effort)
Amount: \$1,082,943

NCATS/NIH McClure (PI) 04/2018 – 04/2019
Title: *Foundations of Fitness: A Clinic-Community Partnership to Address Pediatric Obesity*
Goal: A community-based participatory research project that engages children with obesity in fitness activities.
Role: Co-Investigator (In-Kind Effort)
Amount: \$40,000

K23-AG051681-S1 Batsis (PI) 09/2017 – 08/2018
NIH/NIA/ODS
Title: *Mobile health Obesity Wellness Intervention in rural older adults augmented by whey protein*
Goal: Administrative supplement augmenting the K23 multicomponent obesity intervention with whey
Role: Principal Investigator (75% Effort)
Amount: \$108,000

NCATS/NIH Batsis (PI) 05/2017 – 04/2018
Title: *An eHealth delivered Health Coaching Intervention*
Goal: A pragmatic telemedicine-delivered intervention in adults with obesity in a specialty, obesity clinic.
Role: Principal Investigator (0%, In-Kind effort)
Amount: \$50,000

Prouty Pilot Grant Lyons/Finley (co-PI) 01/2017 – 12/2017
Norris Cotton Cancer Center
Title: *A feasibility study of unsupervised, pre-operative exercise program in lung cancer surgery*
Goal: The goal of this project is to develop and test the feasibility, acceptability and potential effectiveness of an unsupervised pre-operative exercise program augmented by technology.
Role: Co-Investigator (2.5% effort)
Amount: \$49,500

U1QHP28718 Bartels (PI) 07/2015 – 08/2016
Health Resources and Services Administration
Title: *Geriatric workforce enhancement program*
Goal: A regional program for interdisciplinary, evidence-based education in the health professions
Role: Co-investigator (Medical Educator)/Key Clinical Faculty (10-20% effort)
Amount: \$2,541,800

The Paul Fund for Primary Care Research Bartels (Director) 1/2013 – 08/2016
Dartmouth Centers for Health and Aging
Goal: The goal of this institutional funding is to provide effort/time to generate preliminary data in the field of obesity, sarcopenia and physical function to submit extra-mural funding.
Role: Scholar (15-20% effort)

Department of Medicine Rothstein (Chair) 01/2013 – 06/2016
Dartmouth-Hitchcock Medical Center
Junior Faculty funding for Career Development

Goal: The goal of this departmental funding is to provide effort/time to analyze existing datasets, prepare manuscripts, and develop an understanding of the relationships between obesity, sarcopenia and function.

Role: Scholar (20% effort)

UB4HP19206-01-00 Bartels (PI) 07/2010 – 06/2015

Health Resources and Services Administration

Title: *Northern New England Geriatric Education Center*

Goal: A regional program for interdisciplinary, evidence-based education in the health professions

Role: Co-investigator (Medical Educator)/Key Clinical Faculty (5-10% effort)

Amount: \$2,106,411

Department of Medicine & The Dartmouth Korc (Chair) 09/2009 – 08/2013

Institute, Dartmouth College

Small Grants Program

Title: *Sarcopenic Obesity: in Elderly Adults.*

Goal: The goal of this project was to examine epidemiological associations between definitions of sarcopenic obesity, function and mortality.

Role: Principal Investigator (0%, In-Kind effort)

Amount: \$20,000

D31HP-08813 Bartels (PI) 07/2010 – 10/2010

Health Resources and Services Administration

Title: *Northern New England Geriatric Education Center*

Goal: A regional program for interdisciplinary, evidence-based education in the health professions

Role: Co-investigator/Key Clinical Faculty (Effort 10%)

Amount: \$1,153,646

Department of Medicine, Division of Collazo-Clavell/Batsis (MPI) 04/2006 – 04/2008

Endocrine, Metabolism

Small Grants Program

Mayo Clinic

Title: *Quality of Life and Cardiac Symptoms in Olmsted County Residents After Roux-en-Y Gastric Bypass Surgery*

Goal: The goal of this study was to perform a survey research project identifying quality of life features, self-efficacy and cardiovascular risk perception in patients with obesity.

Role: Co-PI (0% effort, In-Kind)

Amount: \$10,000

Surgery Research Concept Grant Batsis/Sarr (MPI) 05/2006 – 04/2007

Mayo Clinic

Title: *Quality of Life and Cardiac Symptoms in Olmsted County Residents After Roux-en-Y Gastric Bypass Surgery*

Goal: The goal of this study was to perform a survey research project identifying quality of life features, self-efficacy and cardiovascular risk perception in patients with obesity.

Role: Co-PI (0% effort, In-Kind)

Amount: \$3,000

Department of Medicine Small
Grants Program
Mayo Clinic

Huddleston (PI)

05/2005 – 04/2007

Title: *Patient Outcomes Amongst Patients Cared for on Specialty Orthopedic Hospital Units*

Goal: The goal of this project was to identify cost differences using administrative cost-warehouse datasets of different Microsystems in the inpatient setting.

Role: Co-I

Amount: \$5,000

PROFESSIONAL SERVICE

Committee Membership & Service – Regional, National, International – To Discipline

The Obesity Society

- Chair-Elect, Clinical Research Committee 2023–Present
- Member, Program Committee 2022–Present
- Member, Clinical Committee 2016–2019
- Chair, Inappropriate Medications for the Treatment of Obesity, 2016–2020
- Scientific Abstract/Symposium Reviewer (Annual Meeting) 2015, 2017, 2023

American Geriatrics Society

- Chair, Research Methods Subcommittee (Research) 2021–Present
- Mentor Program Participant 2021–Present
- Co-Chair, Diversity in Research Subcommittee (Research Committee) 2020–Present
- Member, Research Methods Subcommittee 2018–Present
- Member, Annual Meeting Subcommittee (Research) 2018–Present
- Member, Research Committee 2017–Present
- Moderator, Annual Meeting, *Journeying out of Journals* 2023
- Moderator, Annual Meeting, *Precision Medicine in Geriatrics* 2022
- Moderator, Annual Meeting, American Geriatrics Society, *Implementation Science: Moving models of care for older patients from research evidence to real world action* 2021
- Moderator, *Obesity in Older Adults* 2018
- Scientific Abstract Reviewer (Annual Meeting), 2019–2023
- Scientific Abstract Reviewer (Annual Meeting), American Geriatrics Society 2013–2017
- Member, Research Awards Committee, American Geriatrics Society 2019-2023
- Fellowship Application Review Committee, Member, American Geriatrics Society 2015–2023
- Scientific Proposal Reviewer for Annual Meeting, 2013–18,2021
- Member, Junior Faculty Research Special Interest Group 2013–2016

Gerontological Society of America

- Co-Chair, Obesity Interest Group 2023–Present
- Symposium Chair, Obesity in Older Adults Pre-Course Session 2023
- Annual Scientific Meeting Symposium and Abstract Reviewer 2013–Present
- Member, Health Sciences Research Committee 2017–2021
- Member, Health Sciences Annual Scientific Meeting Program Workgroup, 2020–2022
- Moderator, Momentum Sessions, Scientific Meeting 2020
- Co-Chair, Presidential Symposium: The Past, Present, and Future of Health Sciences Research 2020
- Member, Presidential Paper Workgroup (Health Services) 2020–2021
- Member, Health Sciences Award Committee 2019–2020
- Symposium Chair, Health & Healthcare Disparities 2016
- Symposium Chair, eHealth in Rural Areas, 2016

Other

- Moderator, International Conference for Frailty & Sarcopenia (Toulouse, France), *Translational Geroscience in Sarcopenia and Frailty: Biology, Biomarkers and Big Data* 2023
- Member, Global Leadership Initiative for Sarcopenia 2022–Present
- Member, Study of Obesity Consensus on *Definitions, Risk Factors, & Diagnostic Criteria for Sarcopenic Obesity*, ESPEN (European Society for Clinical Nutrition & Metabolism) & EASO (European Association for the Study of Obesity. Consensus Statement. 2019–Present
- Moderator, International Conference on Frailty, Sarcopenia, & Geroscience (Virtual) 2021
- Scholar, National Institute on Aging/U13 Conference on Muscle, Bone & Fat 2019
- Symposium Chair, Nutrition & Aging, International Academy on Nutrition & Aging 2017
- Scientific Abstract Reviewer, American College of Physicians NH/VT Meeting 2012–2017
- Abstract/Symposium Reviewer, International Association for Geriatrics & Gerontology World Congress 2016
- Scientific Abstract Reviewer, SGIM New England Regional Meeting 2016, 2020-1
- Question Writer, Geriatrics Examination Question Committee, ABIM 2007 – 2011
- Member, Falls Task Force, Institute for Clinical Systems Improvement 2007 – 2008
- Member, Annual Meeting Focus Group, Society of Hospital Medicine 2007

Editorial Appointments

- Editorial Board, *Nutrients* (Barbagallo, Section Editor-in-Chief) 2022–Present
- Editorial Board, *Journal of the American Geriatrics Society* (Ouslander, Editor) 2020–Present
- Editorial Board, *Journal of Gerontological Medical Sciences* (Lipsitz, Editor) 2018–Present
- Editorial Board, *Journal of Nutrition in Geriatrics & Gerontology* (Bales, Editor) 2017–Present

Special Editorial Issues (Guest Editor)

Frontiers in Physiology

- Clinical Uses and Alternative Approaches of Frailty Determination 2023

Nutrients

- Sarcopenic Obesity: Impact on Diet on Clinical and Biological Outcomes 2021

Journal of Nutrition in Gerontology & Geriatrics

- Obesity in Older Adults 2019

National/International Grant Review Activities

- Standing Member, College of Expert Reviewers, European Science Foundation 2020–Present
- External Grant Reviewer, Hong Kong Research Grant Council 2020–Present
- External Reviewer, Pennington Biomedical Research Center 2022
- Ad Hoc Reviewer, VA, Chronic Conditions & Aging RR&D 2022
- Ad Hoc Reviewer, NIH, ZAG1 ZIJ-3 (M1), GEMSSTAR R03 Review 2022
- Ad Hoc Reviewer NSF, Smart & Connected Health Panel (Engineering Systems) 2021
- Ad Hoc Reviewer NIH, ZRG1 HDM-Z (56) R, Digital Health Interventions 2021
- Ad Hoc Reviewer, NIH, 2021/05 ZAG1 ZIJ-U (M3), Diabetes & Obesity 2021
- Great Plains IDeA-CTR University of Nebraska Medical Center 2020
- External Grant Reviewer, Fund for Scientific Research (FNRS), Brussels, Belgium 2020-2021
- External Reviewer, European Science Foundation, Research Foundation Flanders Call for Proposals 2019
- Early Career Reviewer Program, Center for Scientific Review, NIH 2019
- External Reviewer, University of Alabama Nutrition & Obesity Research Center (NORC) 2017
- External Reviewer, Health Research Board, Republic of Ireland 2017

Journal Review Activities - # of reviews in parentheses as of 2023

- Nutrients, 2021, 2022, 2023 (1)
- Osteoporosis International, 2021
- Gerontologist, 2021
- Journal of the American Geriatrics Society, 2008-2010, 2012, 2014-2021, 2022 (7), 2023 (3)
- Journal of Gerontological Biological Medical Sciences A, 2016, 2018-2021, 2022 (3), 2023 (2)
- ACM Health, 2019, 2020
- International Journal of Obesity, 2015-2017, 2019, 2022
- JAMA Internal Medicine (Archives of Internal Medicine), 2009-2010, 2012, 2016, 2018-2020
- Clinical Nutrition, 2014, 2017, 2019
- Obesity (formerly Obesity Research), 2006, 2010-2012, 2016-9
- Ethnicity & Health, 2019
- Current Developments in Nutrition, 2019
- Journal of General Internal Medicine, 2009, 2018
- Journal of Nutrition Health and Aging, 2017, 2018
- JAMA Network Open, 2018
- New England Journal of Medicine, 2018, 2021-2
- PLOS One, 2016-17
- BMC Geriatrics, 2016-17
- Journal of Rural Health, 2015-2017
- American Journal of Cardiology, 2008-2017
- Journal of Nutrition in Gerontology and Geriatrics, 2017
- Journal of Palliative Care, 2017
- BMJ Open, 2017
- Preventive Medicine, 2017
- Obesity Research + Clinical Practice, 2011, 2015-6
- Nutrition, Metabolism, & Cardiovascular Diseases, 2014, 2016
- European Journal of Preventive Cardiology, 2015-16
- Journal of Aging and Health, 2016
- International Journal of Geriatric Psychiatry, 2015
- International Journal of Food & Nutritional Sciences, 2015
- Diabetic Medicine (UK) , 2015
- Pharmacogenetics & Genomics, 2015
- Cancer Medicine, 2015
- BMC Nephrology, 2015
- European Journal of Clinical Nutrition, 2013, 2014
- Public Health Nutrition, 2012 , 2014
- Appetite 2011,2014
- Mayo Clinic Proceedings, 2008, 2014
- BMC Medicine, 2013 -2014
- BMC Public Health, 2014
- Nutrition Research, 2014
- Clinical Rheumatology, 2014
- Eating & Weight Disorders, 2013
- Nicotine & Tobacco Research, 2013
- Gerontology, 2013
- BMC Health Services Research, 2011-2012
- Nutrition and Diabetes, 2012
- Diabetology & Metabolism, 2012
- BMC Surgery, 2011
- Journal of Obesity, 2011
- General Hospital Psychiatry, 2010
- Clinical Epidemiology, 2009
- Melanoma Research, 2008
- Journal of Hospital Medicine, 2007

Local Review Activities

Gillings School of Global Public Health Study Section	2021
Dartmouth Clinical Translational Science Institute (CTSA), Community Engagement Pilot Grant Review	2016

External Academic Promotion Review Requests

Duke University, School of Medicine	2023
Kansas University, School of Medicine	2022
Dartmouth College, Geisel School of Medicine	2022
Boston University, School of Medicine, Department of Family Medicine	2021
University of Connecticut, School of Medicine, Department of Medicine	2019
University of Vermont, College of Medicine, Department of Medicine	2019
University of Vermont, College of Medicine, Department of Medicine	2016

Committee Membership & Service

University of North Carolina at Chapel Hill - Institutional

- One UNC Clinical Research – Finance Subcommittee, Member 2022–Present
- Nutrition Research Institute – 5-year review committee, Member 2022

University of North Carolina at Chapel Hill - Departmental

- Department of Nutrition Chair Search Committee, Member 2022–2023
- Department of Nutrition Recruiting Faculty, Interviewer 2023
- Department of Medicine Physician Scientist Training Program Selection Committee 2021–Present
- Research Advisory Group, Department of Medicine, Member 2021–Present

University of North Carolina at Chapel Hill - Divisional

- Center for Aging and Health, Associate Director of Clinical Research 2022–Present
- Physician Recruitment Committee, Division of Geriatric Medicine, Member 2022–Present
- Research Associate Recruitment, Center for Aging and Health, Member 2023–Present
- Continuing Education Specialist Recruitment, Center for Aging and Health, Member 2023–Present
- Geriatrics Fellowship Interviewer, Division of Geriatric Medicine 2021–2022
- Geriatrics Diversity, Equity, and Inclusion Committee, Member 2022–Present
- Business Analysis Recruitment Committee, Member 2020

University of North Carolina at Chapel Hill - Other

- Aducanumab working group, Patient Informed Consent subgroup, UNC 2021
- Thurston Arthritis Research Center, Affiliate Member, UNC Chapel Hill 2021–Present
- Carolina Population Center, Fellow, UNC Chapel Hill 2021–Present
- Nutrition Obesity Research Center, Member, UNC Chapel Hill 2021–Present
- Center for Aging and Health, Member, UNC Chapel Hill 2020–Present
- Health Promotion Disease Center, Fellow, UNC Chapel Hill 2020–Present
- Medical Student in Aging Research (MSTAR), Mentor 2021–Present

Dartmouth-Hitchcock and Dartmouth College

- SYNERGY: Dartmouth Clinical Translational Science Institute Team Science Core, Co-Leader 2018–2020
- Weight & Wellness Executive Leadership Committee, Member 2015–2020
- Collaboratory for Implementation Science, Scholar & Steering Member, D-H 2015–2020
- Director, Clinical Research, Weight & Wellness Center 2013–2020
- Internal Medicine Residency Search Committee Faculty Interviewer, D-H 2013–2020
- Geisel School of Medicine at Dartmouth, Dean's office Team Science Committee 2018
- Weight & Wellness Center Core Development Committee (Clinical Care/Research) 2013–2017
- The Dartmouth Institute/D-H Strategic Operations Committee, Member 2016
- Population-Health Collaboratory in Primary Care, Steering Member 2015–2016
- Academic Council Subcommittee, Department of Medicine, Dartmouth-Hitchcock 2015
- Internal Medicine Residency Search Committee Faculty Interviewer, Mayo Clinic 2007
- Mortality Review Subcommittee, Member, Mayo Clinic 2006–2007
- Internal Medicine Residency Resident Council, Member, Mayo Clinic 2004–2006
- Quality Related Discharge Committee, Member, Mayo Clinic 2005
- Faculty of Medicine Class Representative, University of Dublin, Trinity College 1997–2002
- Faculty of Health Sciences Representative, University of Dublin, Trinity College 1997–2002

Dartmouth-Hitchcock & Dartmouth College

- Center for Technology & Behavioral Health, Affiliate Member, Dartmouth College 2018–Present
- Cancer Control Research, Dartmouth College Member 2018–2020
- Onboarding Training for Geriatric Nurse Practitioners, Section of GIM 2018–2020
- Onboarding Training for Geriatric Nursing, Section of General Internal Medicine 2018–2020
- Geriatric Medicine Strategic Planning Committee, Member 2011–2020
- New Provider (Physician/Associate Provider) Training, Section of GIM 2013–2020
- Geriatrics Practice Committee, Member 2009–2020
- Dartmouth Center for Health & Aging, Faculty 2008–2020
- Geriatric Core Measure Workflow, Section of General Internal Medicine 2015–2018
- Physician Recruitment Committee, Chair, Section of General Internal medicine 2014–2018
- Physician Recruitment Committee, Member, Section of General Internal Medicine 2009–2018
- NRSA Post-Doctoral Primary Care Fellowship Recruitment Committee, Member 2018
- Transitional Care Management Workflow Committee, Section of GIM 2016–2017
- Obesity Care Pathway, Section of General Internal Medicine 2015–2016
- Team-Based Care (MD/Associate Provider) Committee 2015–2016
- Northern New England Geriatric Education Center, Member 2011–2016
- Hanover Terrace Provider Committee, Member 2008–2016
- Academic Writing Committee, Chair, Section of General Internal Medicine 2016
- EPIC Geriatric primary care committee 2016
- No-Show Workflow, Section of General Internal Medicine 2014–2015
- Bariatric Surgery Care Pathway, Department of Surgery 2014–2015
- Reconfiguration of Geriatric Primary Care Workgroup, Section of GIM 2013–2015
- Research Committee, Chair, Section of General Internal Medicine 2015
- Acute Care Access Needs Workflow Committee, Section of GIM 2015
- Allergy & Immunology Faculty Search Interviewer, Department of Pediatrics, D-H 2014
- Department of Community & Family Medicine Faculty Search Interviewer, D-H 2014
- Annual Wellness Visit Clinical Questionnaire Committee, Member, D-H 2012–2013
- Hypertension Workflow committee, Section of General Internal Medicine 2011–2013
- Associate Provider Recruitment Committee, Member, Section of GIM 2008–2013
- Implementation of EMR-based Falls screening in EPIC 2013
- Geriatric Retreat Committee, Chair, Section of General Internal Medicine 2012
- Department of Psychiatry Faculty Search Interviewer, Dartmouth-Hitchcock 2012
- Member, Staff Compensation Committee, Section of General Internal Medicine, D-H 2012
- High-Value Medical Home Committee, Member, Section of GIM, D-H 2009–2010
- Preventive Care Quality Improvement Committee, Section of GIM 2010
- Assisted Living Communication Guidelines, Section of General Internal Medicine 2008–2009
- Geriatric Consultation Clinic, Section of General Internal Medicine 2008–2009
- Geriatric Medicine Curriculum Review Committee, Division of Primary Care Internal, Mayo Clinic 2007–2008
- Geriatric Medicine Nursing Home Curriculum Development, Division of Primary Care Internal Medicine, Mayo Clinic 2007–2008
- Geriatric Hospital Practice Subcommittee, Member, Mayo Clinic (Hospital Medicine) 2006–2008
- Nursing Home Subcommittee, Member, Mayo Clinic (Primary Care Internal Medicine) 2006–2008
- Geriatric Medicine Statistics and Epidemiology Workshop, Division of Primary Care Internal Medicine, Mayo Clinic 2008
- Quality Assurance Committee, Member, Samaritan Bethany Heights Nursing Home 2006–2007
- Quality Assurance Committee, Member, Samaritan Home-on-Eight Nursing Home 2006–2007
- Junior Doctor Committee, Member, St. James' Hospital, Dublin, Ireland 2002–2003
- Intern Education Committee, Member, St. James' Hospital, Dublin, Ireland 2002–2003

Other Administrative Activities – Regional

Community-based

- Sarcopenia Program Development, Carolina Meadows 2021–Present

National Community Endeavors (2021 – onwards)

Obesity and Equitable Aging Initiative - White House Domestic Policy Council 2022
with Special Assistant to the President for Public Health Disparities
National Council on Aging

Obesity and Equity Aging Initiative, National Council on Aging 2021

Conference Organization

- Co-organizer for 4th Annual Interdisciplinary Nutrition Sciences Symposium 2022–2023
Obesity and the Brain Across the Life Course. Chapel Hill, NC
- Co-Director, Division of Geriatric Medicine Research Seminars 2022–Present
- Geriatric Mental Health Planning Committee, Member 2011–2016
- Geriatric Pharmacology Conference, Planning Committee Member, Northern New England Geriatric Education Center 2011–2012

Data Safety Monitoring Committees

- R01DK133509 (PI: Liu) Virtually Supervised Exercise for Kidney Transplant Candidates 2023–Present
- UG1HD107692 Nutrition for Precision Health, All of Us Precision Medicine Program 2022–Present
- R01AG062686 (PI: Cene) Implementation and Evaluation of Patient Priorities Care-North Carolina for Older Adults with Multiple Chronic Conditions, 2022

Consultant

- Teaching Kitchen Collaborative, Boston, MA 2020-2021
- External Scientific Consultant, Look AHEAD Extension (LA-E2) Study, NIDDK/NIH, Bethesda, MD 2019
- Department of Psychiatry, Flushing Hospital, New York, NY, Integration of 2019
- Wearable Technology for Health Promotion in Patients with Mental Illness
- External Reviewer, Royal College of Physicians of Ireland: Obesity Policy Statement 2016

Expert Witness Consultation

Dinse, Knapp, McAndrew, Burlington, VT: Focus, Geriatric Medicine 2018

Dinse, Knapp, McAndrew, Burlington, VT: Focus, Geriatric Medicine 2016

Dinse, Knapp, McAndrew, Burlington, VT: Focus, Geriatric Medicine 2012

Diversity, Equity, and Inclusion Activities (effective 2021)

Past as Prologue: COVID-19, HIV, and other infectious diseases
inequities by race/ethnicity (1 hour) April 14, 2023

Racial Equity & Inclusion Groundwater Training (2 hours) Dec 12, 2022

Understanding and Challenging Bias (1 hour), Division of Geriatrics Dec 2, 2022

Implicit Bias Training Certificate (2 hours) Oct 10, 2022

Kirwan Institute for the Study of Race and Ethnicity

Achieving Diversity in Study Populations (1 hour) May 12, 2022

American Geriatrics Society Annual Scientific Meeting 2022

Learned the importance of diversity in engagement in methods of study recruitment

Discrimination in Medical Education (1 hour) May 6, 2022

Division of Geriatric Medicine, Koyal Jain, MD
 Learned the importance of working with learners facing potential bias
Racism in the workplace – a reflection on patient bias with frontline workers. (1.5 hours)
 American Geriatrics Society, virtual webinar April 29, 2022
 Learned how to address bias with learners and patients.
Medical Grand Rounds – Harnessing Professionalism – importance of communication May 5, 2022
 amongst colleagues. (1 hour)
Nutrition Faculty Meeting (Stewart, 1 hour) – learned basics of DEI 2022
DEI Training – American Geriatrics Society (3 hours) 2021-22
 As part of committee requirements, readings on DEI
Efforts in Recruitment
 Gerontological Society of America Annual Meeting (1 hours) 2021
Diversity in Research
 Gerontological Society of America Annual Meeting (1 hours) 2021
