

# JOHN ALEXANDER BATSIS, MD, FACP, AGSF, FGSA, FTOS

## PERSONAL INFORMATION

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**Address:** Work – 5017 Old Clinic Building, Chapel Hill, NC 27599

## EDUCATION

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Post-Doctoral	Advanced Certificate in Clinical & Translational Sciences Dartmouth College Hanover, New Hampshire	2016 – 2017
Post-Doctoral	Certificate in Clinical Research (Epidemiology) Center for Translational Science Activities, Mayo Clinic Rochester, Minnesota	7/2007 – 6/2008
Fellowship	Geriatric Medicine Mayo School of Graduate Medical Education Rochester, Minnesota	7/2006 – 6/2008
Residency	Internal Medicine Mayo School of Graduate Medical Education Rochester, Minnesota	6/2003 – 6/2006
Internship	Pre-Registration House Office – Medicine/Surgery St. James' Hospital, University of Dublin, Trinity College Dublin, Ireland	7/2002 – 6/2003
Doctoral	University of Dublin, Trinity College Dublin, Ireland MB, Bch, BAO (MD) Honors	10/1997 – 6/2002
Undergraduate	University of Dublin, Trinity College Dublin, Ireland BA (Medicine) - Honors	10/1997 – 6/2002
Undergraduate	McGill University Montreal, Quebec, Canada BSc (Physiology) – Great Distinction	9/1994 – 6/1997

## CERTIFICATIONS

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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

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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**

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Associate Professor, Tenure-Track University of North Carolina at Chapel Hill Chapel Hill, North Carolina	2/2021 – Present
Adjunct Associate Professor The Dartmouth Institute for Health Policy & Clinical Practice Geisel School of Medicine at Dartmouth Hanover, New Hampshire	7/2020 - Present
Research Collaborator Mayo Clinic Rochester Rochester, Minnesota	7/2008 - Present
Nominated Clinical Associate Professor University of North Carolina at Chapel Hill Chapel Hill, North Carolina	9/2020 – 2/2021
Associate Professor The Dartmouth Institute for Health Policy & Clinical Practice Geisel School of Medicine at Dartmouth Hanover, New Hampshire	5/2015 – 7/2020
Associate Professor of Medicine Department of Medicine Geisel School of Medicine at Dartmouth Hanover, New Hampshire	5/2015 – 7/2020
Adjunct Instructional Faculty Arcadia University Glenside, Pennsylvania	6/2014 – 1/2016
Assistant Professor The Dartmouth Institute for Health Policy & Clinical Practice Geisel School of Medicine at Dartmouth Hanover, New Hampshire	7/2014 – 5/2015
Assistant Professor of Medicine Department of Medicine Geisel School of Medicine at Dartmouth Hanover, New Hampshire	9/2008 – 5/2015
Instructor in Medicine Mayo Clinic College of Medicine Rochester, Minnesota	7/2006 – 6/2008

## **PROFESSIONAL EXPERIENCE – EMPLOYMENT**

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Clinical Staff Carolina Meadows Retirement Community Chapel Hill, North Carolina	9/2020 - Present
Clinical Faculty Division of Geriatric Medicine, Department of Medicine School of Medicine, University of North Carolina at Chapel Hill Chapel Hill, North Carolina	9/2020 – Present
Clinical Faculty Genesis Elm Wood Claremont, New Hampshire	1/2019 – 7/2020
Clinical Faculty Cedar Hill Skilled Nursing Facility Windsor, Vermont	10/2017 – 7/2020
Clinical Faculty Genesis Healthcare Lebanon, New Hampshire	10/2016 – 7/2020
Staff Physician Mary Hitchcock Memorial Hospital Lebanon, New Hampshire	6/2016 – 7/2020
Staff Physician / Clinical Faculty Dartmouth-Hitchcock Medical Center Lebanon, New Hampshire	9/2008 – 7/2020
Staff Physician / Clinical Faculty Kindred Healthcare, Skilled/Long-Term Care Facility Hanover, New Hampshire	9/2008 – 7/2020
Clinical Faculty Brookside Nursing Home White River Junction, Vermont	1/2015 – 7/2017
Clinical Faculty Mary Hitchcock Memorial Hospital Lebanon, New Hampshire	9/2008 – 6/2016

## HONORS

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Service Award for Research Committee, American Geriatrics Society	2022
New Hampshire's Top Doctors – Internal Medicine	2020
TidesWell Leadership Development Program Scholar, American Geriatrics Society/UCSF	2019-2021
New Hampshire's Top Doctors – Internal Medicine	2019
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
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	1/2015
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	3/2012
Excellence in Teaching Award Nominee – Department of Medicine, Dartmouth-Hitchcock	1/2012
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	5/2009
Excellence in Teaching Award Nominee – Department of Medicine, Dartmouth-Hitchcock	4/2009
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

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### **Books & Chapters**

1. **Batsis JA.** Sarcopenic Obesity. In *Metabolic Syndrome: A Comprehensive Textbook*. Edited by Rexford Ahima, editor. 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. 2011. In Tech Inc. ISBN : 978-953-307-363-7. doi: 10.5772/22008
4. **Batsis JA,** Takahashi PY. In *Physician Assistant Review Guide – Geriatric Medicine Chapter*. Agnew D, and Paulk D, editors. 2009. First Edition. Jones and Bartlett Publishers, Sudbury, MA. Pages 434-454. ISBN: 978-0763752668.

### **In Press/Submitted (books/chapters only)**

N/A

### **Refereed papers (published)**

1. Buck AN, Shultz SP, Huffman KF, Vincent HK, Batsis JA, Newman CB, Beresic N, Abbate LM, Callahan LF. Mind the Gap: Exploring Nutritional Health Interests of Individuals with Osteoarthritis and Obesity. *Curr Development Nutr* 2000 Apr 19;(6)6);nzac084. doi: 10.1093/cdn/nzac084. eCollection 2022 Jun. PMID: 35702382.
2. Griffith R, Shean R, Petersen CL, Al-Nimr R, Gooding T, Roderka MN, **Batsis JA**, Validation of Resting Energy Expenditure Equations in Older Adults with Obesity. *J Nutr Gerontol Geriatr* 2022 May 3:1-14. doi: 10.1080/21551197.2022.2070320. PMID:35502533.
3. **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):151-155. doi: 10.14283/jfa.2022.15. PMID: 35441191; PMCID: PMC8876072.
4. 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 Environmental Res Public Health*. 2022 Feb 25;19(5):2667. doi: 10.3390/ijerph19052667. PMID: 35270360; PMCID: PMC8910201.
5. Donini LM, Busetto L, Bischoff Stephan, Cederholm T, Ballesteros-Pomar MD, **Batsis JA**, Bauer JM, Boirie Y, Cruz-Jentoft AJ, Dicker D, Frara S, Fruhbeck G, Genton L, Gepner Y, Giustina A, Gonzalez MC, Han H-S, Heymsfield SB, Higashiguchi T, Laviano A, Lenzi A, Nyulasi I, Parrinello E, Poggiogalle E, Prado CM, Rodriguez JS, Rolland Y, Santini F, Serlie MJ, Shi H, Sieber CC, Siervo M, Vettor R, Villareal DT, Volkert D, Yu J, Zamboni M, Barazzoni R. Definition and diagnostic criteria for sarcopenia obesity: ESPEN and EASO Consensus Statement *Clin Nutrition*. 2022 Feb 22:S0261-5614(21)00523-9. doi: 10.1016/j.clnu.2021.11.014. Online ahead of print. PMID: 35227529
6. Donini LM, Busetto L, Bischoff Stephan, Cederholm T, Ballesteros-Pomar MD, **Batsis JA**, Bauer JM, Boirie Y, Cruz-Jentoft AJ, Dicker D, Frara S, Fruhbeck G, Genton L, Gepner Yftach, Giustina A, Gonzalez MC, Han H-S, Heymsfield SB, Higashiguchi T, Laviano A, Lenzi A, Nyulasi I, Parrinello E, Poggiogalle E, Prado CM, Rodriguez JS, Rolland Y, Santini F, Serlie MJ, Shi H, Sieber CC, Siervo M, Vettor R, Villareal DT, Volkert D, Yu J, Zamboni M, Barazzoni R. Definition and diagnostic criteria for sarcopenia obesity: ESPEN and EASO Consensus Statement. *Obes Facts*. 2022 Feb 23:1-15. Doi:10.1159/000521241. PMID: 35196654.
7. Liu SK, Osoborn AE, Mecchella JN, Hort S, **Batsis JA**. Patient Characteristics and Utilization of an Online Patient Portal in a Rural Academic General Internal Medicine Practice. *BMC Medi Informatics Decision Making* 2022 Feb 16:22(1):42. Doi:10.1186/s12911-022-01778-w. PMID:35172805; PMCID:PMC8851702.
8. Liang X, **Batsis JA**, Zhu Y, Driesse TM, Roth RM, Kotz D, MacWhinney D. Evaluating Voice-Assistant Commands for Dementia Detection. 15 pages. *Comput Speech Language*. 2022 Mar;72:101297. <https://doi.org/10.1016/j.csl.2021.101297>. Epub 2021 Sep 22
9. Lynch DH, Petersen CL, Fanous MM, Spangler H, Kahkoska AR, Jimenez D, **Batsis JA**. The Relationship between Multimorbidity, Obesity, and Functional Impairment in Older Adults. 23 pages. *J Am Geriatr Soc* 2022 Feb 3. Doi:10.1111/jgs.17683. PMID:35113453
10. 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;2021:10.1109/iccworkshops50388.2021.9473520. doi: 10.1109/iccworkshops50388.2021.9473520. Epub 2021 Jul 9. PMID: 34745771; PMCID: PMC8570642.
11. Aziz J, Reid K, **Batsis JA**, Fielding R. 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). *J Aging Res Lifestyle* 2021; 10:19-25.
12. **Batsis JA**, Petersen CL, Cook SB, Al-Nimr RI, Driesse T, Pidgeon D, Fielding R. Impact of Whey Protein Supplementation in Weight-Loss Intervention in Rural Dwelling Adults: A Feasibility Study. *Clin Nutr ESPEN*. 2021 Oct; 45:426-432. doi: 10.1016/j.clnesp.2021.07.006. Epub 2021 Jul 24.

13. 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. doi: 10.21037/ht-20-22. Epub 2021 Apr 30. PMID: 34336543; PMCID: PMC8320739.
14. Mohieldin S, Minor CM, Petersen CL, **Batsis JA**, Halter RJ. "BandPass: A Bluetooth-Enabled Remote Monitoring Device for Sarcopenia," *2021 IEEE International Conference on Communications Workshops (ICC Workshops)*, 2021, pp. 1-6, doi: 10.1109/ICCWorkshops50388.2021.9473520. Epub 2021 Jul 9. PMID: 34745771; PMCID: PMC8570642.
15. **Batsis JA**, Haudenschild C, Roth RM, Gooding TL, Roderka MN, Masterson T, Brand J, Lohman MC, Mackenzie TA. Incident Cognitive Decline in Sarcopenic Obesity: Data from the National Health and Aging Trends Survey. 31 pages. *J Am Medical Dir Assoc J Am Med Dir Assoc*. 2021 Apr;22(4):865-872.e5. doi: 10.1016/j.jamda.2020.09.008. Epub 2020 Oct 21. PMID: 34248422; PMCID: PMC8269419.
16. Zhu Y, Liang X, **Batsis JA**, Roth RM. Exploring Deep Transfer Learning Techniques for Alzheimer's Dementia Detection. *Front Comput Sci*. 2021 May;3:624683. doi: 10.3389/fcomp.2021.624683. Epub 2021 May 12. PMID: 34046588; PMCID: PMC8153512.
17. Petersen CL, Minor CM, Mohieldin S, Park LG, Halter RJ, **Batsis JA**. Remote Rehabilitation: A Field-Based Usability Study of an mHealth Resistance Exercise Band. *2020 IEEE/ACM International Conference on Connected Health: Applications, Systems and Engineering Technologies (CHASE)*, 2020, pp. 5-6, doi: 10.1145/3384420.3431773. PMID: 34184001 PMCID: PMC8234905
18. 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. <https://doi.org/10.1016/j.suronc.2021.101525>. Epub 2021 Mar 5. PMID 33813267. PMCID: PMC8217197.
19. 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. doi: 10.1186/s13148-021-01031-7. PMID: 33653394; PMCID: PMC7927264.
20. Crow RS, Haudenschild C, Lohman MC, Roderka MN, Masterson TD, Brand J, Mackenzie TA, **Batsis JA**. Modified STEADI Fall Risk Categories Predict Incident Cognitive Impairment. *J Am Geriatrics Soc*. 2021 May;69(5):1257-1264. doi: 10.1111/jgs.17034. Epub 2021 Feb 10. PMID: 33565618; PMCID: PMC8232824.
21. 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 Jan 26. doi: 10.1007/s11606-020-06477-8. Epub ahead of print. PMID: 33501524.
22. **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. doi: 10.1186/s12877-020-01978-x. PMID: 33435877.
23. Al-Nimr RI, Wright KCS, Aquilla CL, Petersen CL, Gooding T, **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. doi: 10.1016/j.clnesp.2020.09.002. Epub 2020 Sep 19. PMID: 33183553.
24. **Batsis JA**, McClure AC, Weintraub AB, Sette D, Rotenberg S, Stevens CJ, Gilbert-Diamond D, Kotz DF, Bartels SJ, Auden C. McClure, Aaron B. Weintraub, Diane Sette, Sivan Rotenberg, Courtney J. Stevens, Curtis K, Rothstein RI. Barriers and Facilitators in Implementing a Pilot, Pragmatic, Telemedicine-delivered Healthy Lifestyle Program for Obesity Management in a Rural, Academic Obesity Clinic. *Implement Sci Commun* 2020; 1:83-92. [Epub 2020/10/02] <https://doi.org/10.1186/s43058-020-00075-9>. PMID: 33015640

25. **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 Geriatrics* 2020 Sep;1-13. [Epub 2020/09/09] doi:10.1080/21551197.2020.1817226. PMID: 32907522.
26. 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*. 2020 Aug 11:1357633x20943337. Epub 2020/08/13. doi: 10.1177/1357633x20943337. PubMed PMID: 32781892.
27. Petersen CL, Halter R, Kotz D, Loeb L, Cook S, Pidgeon D, Christensen BC, **Batsis JA**. Using Natural Language Processing and Sentiment Analysis to Augment Traditional User-Centered Design: Development and Usability Study. *JMIR Mhealth Uhealth*. 2020 Aug 7;8(8):e16862. Epub 2020/06/17. doi: 10.2196/16862. PubMed PMID: 32540843.
28. **Batsis JA**, Petersen CL, Crow RS, Cook SB, Stevens CJ, Seo LM, Brooks E, Mackenzie TA. Weight change and risk of the foundation of National Institute of Health Sarcopenia-defined low lean mass: Data from the National Health and Nutrition examination surveys 1999-2004. *Clin Nutr*. 2020 Aug;39(8):2463-70. Epub 2019/11/16. doi: 10.1016/j.clnu.2019.10.032. PubMed PMID: 31727381; PubMed Central PMCID: PMC7196520.
29. 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. *Social Work in Mental Health*. 2020 2020/07/03;18(4):369-82. doi: 10.1080/15332985.2020.1751772. PMID: 33442334; PMCID:PMC7802745
30. Finley DJ, Fay KA, **Batsis JA**, Stevens CJ, Sacks OA, Darabos C, Cook SB, Lyons KD. A feasibility study of an unsupervised, pre-operative exercise program for adults with lung cancer. *Eur J Cancer Care (Engl)*. 2020 Jul;29(4):e13254. Epub 2020/05/30. doi: 10.1111/ecc.13254. PubMed PMID: 32469129.
31. Kennedy MA, Pepin R, Stevens CJ, Bartels SJ, **Batsis JA**, Beyea A, Bruce ML, Eckhaus JM, Korsen N, Pidgeon DM, Powell KE, Reynolds CF, 3rd, LaMantia MA. Mind, Mood, Mobility: Supporting Independence Among Rural Older Adults at Risk for Functional Decline. *Am J Health Promot*. 2020 Jun 22:890117120934622. Epub 2020/06/23. doi: 10.1177/0890117120934622. PubMed PMID: 32567321.
32. Emeny RT, **Batsis JA**, Morden NE. Intense Use of Fracture-Associated Drugs Among Medicare Beneficiaries in Long-term Care. *J Gen Intern Med*. 2020 Jun 4. Epub 2020/06/06. doi: 10.1007/s11606-020-05859-2. PubMed PMID: 32500330.
33. **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*. 2020 May 8. Epub 2020/05/10. doi: 10.1093/gerona/glaa115. PubMed PMID: 32384144.
34. Vásquez E, Germain CM, Tang F, Lohman MC, Fortuna KL, **Batsis JA**. The Role of Ethnic and Racial Disparities in Mobility and Physical Function in Older Adults. *J Appl Gerontol*. 2020 May;39(5):502-8. Epub 2018/06/19. doi: 10.1177/0733464818780631. PubMed PMID: 29909728.
35. Crow RS, Petersen CL, Cook SB, Stevens CJ, Titus AJ, Mackenzie TA, **Batsis JA**. Reported Weight Change in Older Adults and Presence of Frailty. *J Frailty Aging*. 2020;9(2):74-81. Epub 2020/04/08. doi: 10.14283/jfa.2019.44. PubMed PMID: 32259180; PubMed Central PMCID: PMC7202674.
36. **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*. 2020 Feb 15:733464820903253. Epub 2020/02/18. doi: 10.1177/0733464820903253. PubMed PMID: 32065013; PubMed Central PMCID: PMC7429325.
37. **Batsis JA**, Dokko R, Naslund JA, Zagaria AB, Kotz D, Bartels SJ, Carpenter-Song E. Opportunities to Improve a Mobile Obesity Wellness Intervention for Rural Older Adults with Obesity. *J*

- Community Health. 2020 Feb;45(1):194-200. Epub 2019/09/06. doi: 10.1007/s10900-019-00720-y. PubMed PMID: 31486958; PubMed Central PMCID: PMC6957745.
38. Fortuna KL, DiMilia PR, Lohman MC, Cotton BP, Cummings JR, Bartels SJ, **Batsis JA**, Pratt SI. Systematic Review of the Impact of Behavioral Health Homes on Cardiometabolic Risk Factors for Adults With Serious Mental Illness. *Psychiatr Serv*. 2020 Jan 1;71(1):57-74. Epub 2019/09/11. doi: 10.1176/appi.ps.201800563. PubMed PMID: 31500547; PubMed Central PMCID: PMC6939136.
  39. Kushner RF, **Batsis JA**, Butsch WS, Davis N, Golden A, Halperin F, Kidambi S, Machineni S, Novick M, Port A, Rubino DM, Saunders KH, Shapiro Manning L, Soleymani T, Kahan S. Weight History in Clinical Practice: The State of the Science and Future Directions. *Obesity (Silver Spring)*. 2020 Jan;28(1):9-17. Epub 2019/12/21. doi: 10.1002/oby.22642. PubMed PMID: 31858735.
  40. Dewar S, Bynum J, **Batsis JA**. Uptake of Obesity Intensive Behavioral Treatment Codes in Medicare Beneficiaries, 2012-2015. *J Gen Intern Med*. 2020 Jan;35(1):368-70. Epub 2019/10/24. doi: 10.1007/s11606-019-05437-1. PubMed PMID: 31641993; PubMed Central PMCID: PMC6957578.
  41. **Batsis JA**, McClure AC, Weintraub AB, Kotz DF, Rotenberg S, Cook SB, Gilbert-Diamond D, Curtis K, Stevens CJ, Sette D, Rothstein RI. Feasibility and acceptability of a rural, pragmatic, telemedicine-delivered healthy lifestyle programme. *Obes Sci Pract*. 2019 Dec;5(6):521-30. Epub 2020/01/01. doi: 10.1002/osp4.366. PubMed PMID: 31890242; PubMed Central PMCID: PMC6934425.
  42. Brooks JM, Petersen CL, Titus AJ, Umucu E, Chiu C, Bartels SJ, **Batsis JA**. Varying Levels of Food Insecurity Associated with Clinically Relevant Depressive Symptoms in U.S. Adults Aged 60 Years and Over: Results from the 2005-2014 National Health and Nutrition Survey. *J Nutr Gerontol Geriatr*. 2019 Jul-Sep;38(3):218-30. Epub 2019/05/11. doi: 10.1080/21551197.2019.1611520. PubMed PMID: 31074705; PubMed Central PMCID: PMC6677622.
  43. Petersen CL, Brooks JM, Titus AJ, Vasquez E, **Batsis JA**. Relationship Between Food Insecurity and Functional Limitations in Older Adults from 2005-2014 NHANES. *J Nutr Gerontol Geriatr*. 2019 Jul-Sep;38(3):231-46. Epub 2019/05/31. doi: 10.1080/21551197.2019.1617219. PubMed PMID: 31144612; PubMed Central PMCID: PMC6988737.
  44. **Batsis JA**, DiMilia PR, Seo LM, Fortuna KL, Kennedy MA, Blunt HB, Bagley PJ, Brooks J, Brooks E, Kim SY, Masutani RK, Bruce ML, Bartels SJ. Effectiveness of Ambulatory Telemedicine Care in Older Adults: A Systematic Review. *J Am Geriatr Soc*. 2019 Aug;67(8):1737-49. Epub 2019/05/09. doi: 10.1111/jgs.15959. PubMed PMID: 31066916; PubMed Central PMCID: PMC6684409.
  45. Stadler DS, Oliver BJ, Raymond JG, Routzhan GF, Flaherty EA, Stahl JE, **Batsis JA**, Bartels SJ. Reducing Avoidable Facility Transfers (RAFT): Outcomes of a Team Model to Minimize Unwarranted Emergency Care at Skilled Nursing Facilities. *J Am Med Dir Assoc*. 2019 Aug;20(8):929-34. Epub 2019/05/11. doi: 10.1016/j.jamda.2019.03.010. PubMed PMID: 31072695; PubMed Central PMCID: PMC67008009.
  46. **Batsis JA**, Gilbert-Diamond D, McClure AC, Weintraub A, Sette D, Mecchella JN, Rotenberg S, Cook SB, Rothstein RI. Prevalence of Sarcopenia Obesity in Patients Treated at a Rural, Multidisciplinary Weight and Wellness Center. *Clin Med Insights Arthritis Musculoskelet Disord*. 2019;12:1179544119862288. Epub 2019/08/07. doi: 10.1177/1179544119862288. PubMed PMID: 31384133; PubMed Central PMCID: PMC6651666.
  47. **Batsis JA**, Boateng GG, Seo LM, Petersen CL, Fortuna KL, Wechsler EV, Peterson RJ, Cook SB, Pidgeon D, Dokko RS, Halter RJ, Kotz DF. Development and Usability Assessment of a Connected Resistance Exercise Band Application for Strength-Monitoring. *World Acad Sci Eng Technol*. 2019;13(5):340-8. Epub 2019/06/18. doi: 10.5281/zenodo. PubMed PMID: 31205628; PubMed Central PMCID: PMC6570823.
  48. Boateng G, Motti VG, Mishra V, **Batsis JA**, Hester J, Kotz D. Experience: Design, Development and Evaluation of a Wearable Device for mHealth Applications. *Proc Annu Int Conf Mob Comput*

Netw. 2019 Aug;2019:31. doi: 10.1145/3300061.3345432. Epub 2019 Oct 11. PMID: 34262408; PMCID: PMC8276769.

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### **Editorials or Letters**

1. **Batsis JA**. Obesity in the Older Adult: Special Issue [Editorial]. *J Nutr Gerontol Geriatr*. 2019;38(1):1-5. doi: 10.1080/21551197.2018.1564197. Epub 2019 Feb 27. PubMed PMID: 30806583.
2. **Batsis JA**, Cook SB. Is the whole not greater than the sum of its parts? The case of sarcopenic obesity [Invited Commentary]. *Am J Clin Nutr*. 2017;106(1):14-5. doi: 10.3945/ajcn.117.159871. Epub 2017 June 16. PubMed PMID: 28615264; PMCID: PMC5486207.
3. **Batsis JA**. Muscle Mass Index Revisited [Letter]. *Am J Med* 2014 Dec;12(e3)

4. Buscemi S, **Batsis JA**, Verga, S. Reply from Buscemi S et al. Glycaemic variability using continuous glucose monitoring and endothelial function in the metabolic syndrome and in Type 2 Diabetes. Author's reply [Letter]. *Diabet Med* 2011 Jan; 28(1): 127-8.
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**Products of Interdisciplinary scholarship**

1. *Remote Sensing, Bluetooth-enabled resistance exercise band*: Patent Application No. 63/033022, Preliminary Patent, June 1<sup>st</sup>, 2020, Full Patent No. 17/335,986, June 1<sup>st</sup>, 2021
2. *Instrumented Resistance Exercise Device*: Patent Application No. 62/672,827, Full Patent, May 17th, 2019

**Products of Engaged Scholarship**

1. *The Importance of Sarcopenia as a Geriatric Syndrome* (Community Lecture); Carolina Meadows Continuing Care Retirement Community, Chapel Hill, NC; June 17<sup>th</sup>, 2021.
2. *Technology to Fuel Wellness* (Community Lecture), Aging Resource Center, Lebanon, New Hampshire, February 2020
3. *Benefits & Risks of Weight Loss in Older Adults* (Community Lecture), Aging Resource Center, Lebanon, New Hampshire, December 2019
4. *Technology to Fuel Wellness* (Community Lecture), Aging Resource Center, Lebanon, New Hampshire, February 2019
5. *Overweight & Over 60* (Community Lecture), Aging Resource Center, Lebanon, New Hampshire, September 2018
6. *Obesity in Older Adults: An Emerging Epidemic with Potential Treatment Strategies*, New Hampshire Senior Leadership Series, September 2018
7. *Technology to Fuel Wellness* (Community Lecture), Aging Resource Center, Lebanon, New Hampshire, June 2018
8. *Overweight & Over 60* (Community Lecture), Aging Resource Center, Lebanon, New Hampshire, June 2018
9. *Maintaining Your Strength* (Community Lecture), Aging Resource Center, Lebanon, New Hampshire, November 2017.
10. *Overweight & Over 60* (Community Lecture), Aging Resource Center, Lebanon, New Hampshire, June 2017
11. *Gadgets & Gizmos 2017* (Community Lecture), Aging Resource Center, Lebanon, New Hampshire, May 2017.
12. *Sarcopenia & Osteoporosis* (Community Lecture), Better Bones of New England, National Osteoporosis Foundation Support Group, September 2016.
13. *Gadgets & Gizmos* (Community Lecture), Aging Resource Center, Lebanon, New Hampshire, June 2016
14. *Sustain Your Strength: Changes in Muscle with Aging* (Community Lecture), Aging Resource Center, Lebanon, New Hampshire, March 2015
15. *Sustain Your Strength: Changes in Muscle Mass and Quality with Aging and Disease* (Community Lecture), Aging Resource Center, April 2014
16. *Where did my Muscles Go? The Changes in Muscle Mass and Quality with Aging* (Community Lecture), Kendal Continuing Care Retirement Community, Hanover, New Hampshire, November 2013
17. *Sustaining your Strength: Muscle Changes with Aging* (Community Lecture), Aging Resource Center, Lebanon, New Hampshire, September 2012
18. *Weight & Muscle Changes with Aging: What you need to know to keep healthy and active* (Community Lecture), Aging Resource Center, Lebanon, New Hampshire, April 2010.

19. *Obesity in the Elderly* (Community Lecture), ILEAD – Institute for Lifelong Education at Dartmouth, Hanover, New Hampshire, October 2009.

### **Digital Forms of Scholarship**

1. Zhubelik 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.
2. **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>
3. **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]

### **Media Appearances**

1. Telehealth shows promise for obesity management. <https://www.healio.com/news/primary-care/20220608/video-telehealth-shows-promise-for-obesity-management>. Healio, June 8<sup>th</sup>, 2022.
2. 5 Common Medications That Can Cause Weight Gain. <https://www.aarp.org/health/drugs-supplements/info-2022/medication-weight-gain.html>. AARP, February 18, 2022.
3. Study Shows Weak Effectiveness for Weight Loss Supplements. Very Well Fit : <https://www.verywellfit.com/studies-show-weak-effectiveness-for-weight-loss-supplements-5191956> . July 22<sup>nd</sup>, 2021
4. These telemedicine companies are changing the future of doctor visits. CNN Business. <https://www.cnn.com/2021/07/01/tech/telemedicine-innovation/index.html>. July 6<sup>th</sup>, 2021
5. Supplements for Weight Loss: Do They Work : Healthline. <https://www.healthline.com/health-news/supplements-for-weight-loss-do-they-work>. June 24<sup>th</sup>, 2021.
6. UNC-Led Review Details Lack of High-Quality Evidence to Support Supplements, Alternative Therapies for Weight Loss. *Endocrinology Network*. June 23<sup>rd</sup>, 2021. <https://www.endocrinologynetwork.com/view/review-details-lack-of-high-quality-evidence-supplements-alternative-therapies-for-weight-loss>
7. No Good Evidence Weight Loss Supplements Work : Study. *US News & World Report*. <https://www.usnews.com/news/health-news/articles/2021-06-23/no-good-evidence-weight-loss-supplements-work-study>
8. Don't Count on Weight Loss Supplements to Work: Study. *Newsmax*. Don't Count on Weight Loss Supplements to Work: Study
9. Taking Weight Loss Supplements? They Probably Won't Work, Study Suggests. *Newsweek*, June 24<sup>th</sup>, 2021. <https://www.newsweek.com/taking-weight-loss-supplements-wont-work-study-acupuncture-vitamin-d-chocolate-1603391>
10. No Strong Evidence Supplements Do Anything for Weight Loss, Large Review Finds. June 23<sup>rd</sup>, 2021. *Gizmodo*. <https://gizmodo.com/no-strong-evidence-supplements-do-anything-for-weight-l-1847157299?rev=1624465482492>
11. The Terrible Science Behind Popular Weight Loss Products. June 23<sup>rd</sup>, 2021. <https://www.inverse.com/mind-body/new-study-debunks-weight-loss-supplements>
12. How older adults can get back into physical exercise following months of pandemic rule, May 31<sup>st</sup>, 2021. *Washington Post*. [https://www.washingtonpost.com/health/elderly-physical-shape-pandemic/2021/05/28/dda18a24-bd6d-11eb-b26e-53663e6be6ff\\_story.html](https://www.washingtonpost.com/health/elderly-physical-shape-pandemic/2021/05/28/dda18a24-bd6d-11eb-b26e-53663e6be6ff_story.html)
13. How older adults can regain their game after being cooped up for over a year, May 19<sup>th</sup>, 2021. *CNN Health*. <https://www.cnn.com/2021/05/19/health/older-adults-back-in-shape-khn-wellness-partner/index.html>

14. Dartmouth startup wins funding for remote physical monitoring system, April 22<sup>nd</sup>, 2021, *NH Business Review*. <https://www.nhbr.com/dartmouth-startup-wins-funding-for-remote-physical-therapy-monitoring-system/>
15. Today's Geriatric Medicine. *Eating Disorders in Older Adults*, February 2021; 14(1):18.
16. BottomLine Inc. *Hidden Risks of Normal-Weight Obesity*. May 2020 ; 34(5) :56. <https://bottomlineinc.com/health/weight/hidden-risks-of-normal-weight-obesity>
17. Lower Canada College Lion Magazine. *John Batsis '92 Unlocks the Potential of Technology*. Spring 2020. <https://www.lcc.ca/about/publications/lion>
18. New Hampshire Business Review, *Dartmouth researchers study use of voice assistants in detecting dementia*, February 13th, 2020. <https://www.nhbr.com/dartmouth-researchers-study-use-of-voice-assistants-in-detecting-dementia/>
19. Washington Beacon. *Developing Tech to spot risk of dementia*. February 2020. <https://issuu.com/thebeaconnewspapers/docs/0320dcbeacon>
20. Valley News, *Sunday Seniors : Researchers turn to technology to detect dementia*, February 9th, 2020. <https://www.vnews.com/Sunday-Seniors-32461598>
21. Beingpatient.com *Voice Assistants Like Alexa, Google Home May One Day Detect Dementia*. February 4th, 2020. <https://www.beingpatient.com/voice-assistants-diagnosis-dementia/>
22. Associated Press, *Researchers hope voice assistants can spot signs of dementia*. February 1st, 2020. <https://www.usnews.com/news/best-states/massachusetts/articles/2020-02-01/researchers-hope-voice-assistants-can-spot-signs-of-dementia>
23. Seacoast Online, *Can Alexa help doctors detect the onset of dementia ?* January 30th, 2020. <https://www.seacoastonline.com/news/20200130/can-alexa-help-doctors-detect-onset-of-dementia>
24. *EurekAlert* : American Association for the Advancement of Science (AAAS,)New research utilizes voice assistant systems for early detection of cognitive decline, January 28, 2020. [https://eurekalert.org/pub\\_releases/2020-01/dmc-nru012720.php](https://eurekalert.org/pub_releases/2020-01/dmc-nru012720.php)
25. Dartmouth-Hitchcock Weekly, *Mobile Obesity Wellness Intervention for Older adults*, August 2018
26. Clearview Healthcare Partners, *Sarcopenia in Older Adults*, September 2018.
27. Keene Sentinel Source, *Obese Citizens going gray, an onslaught of health challenges following them*, November 2016. [https://www.sentinelsource.com/news/local/obese-citizens-going-gray-an-onslaught-of-health-challenges-follows/article\\_0cb28d69-1850-5570-9b7b-33165fee2c9d.html?TNNoMobile](https://www.sentinelsource.com/news/local/obese-citizens-going-gray-an-onslaught-of-health-challenges-follows/article_0cb28d69-1850-5570-9b7b-33165fee2c9d.html?TNNoMobile)American College of Physicians Internist, *Coverage of Obesityweek 2016*, February 2017
28. WCAX Television, *Coverage on Mobile Obesity Wellness Intervention for Rural Older Adults*, October 2016
29. Science Daily. *Diet And Exercise May Improve Physical Function And Quality Of Life In Older Obese Adults*, October 2016. <https://www.sciencedaily.com/releases/2016/09/160919110057.htm>
30. Union Leader, *Phone Interview*, September 2016. <https://storytracker.solutionsjournalism.org/stories/with-obesity-on-the-rise-nh-seniors-turn-to-activity-and-technology-new-hampshire>
31. WNTK Radio, *Dartmouth-Hitchcock Responds to Alarming Increase of Obesity in Elders*, September 2016
32. United Press International, *Diet, exercise improve life for older obese people*, September 2016. [https://www.upi.com/Health\\_News/2016/09/20/Diet-exercise-improve-life-for-older-obese-people-Study/2821474381486/](https://www.upi.com/Health_News/2016/09/20/Diet-exercise-improve-life-for-older-obese-people-Study/2821474381486/)
33. Medscape, *High Adiposity and Survival in US Older Adults*, May 2016. <https://www.medscape.com/viewarticle/721990>
34. MedwireNews: Endocrinology, *BMI obesity threshold should be lowered in older people*, January 2016. <https://www.medwirenews.com/endocrinology/bmi-obesity-threshold-should-be-lowered-in-older-people/7118022>

35. Mayo Clinic Proceedings, *MCP 60 Seconds with Dr John Batsis on Leptin Levels and CV Mortality*, April 2015. <https://www.youtube.com/watch?v=yrSYNxChAhg>
36. Dartmouth Medicine, *Surprise findings on a weighty matter*, December 2014
37. Medicalresearch.com, Written interview on *Uptake of the Centers for Medicare and Medicaid Obesity Benefit, 2012-3*, April 2014. <https://medicalresearch.com/weight-research/low-uptake-of-medicare-obesity-counseling-benefit/27586/>
38. Vermont Public Radio, *Dartmouth-Hitchcock To Research Obesity Among Elderly People*, September 2013. <https://www.vpr.org/post/dartmouth-hitchcock-research-obesity-among-elderly-people#stream/0>
39. Fox News, *Body fat tied to heart risks in normal-weight adults*, September 2013. <https://www.foxnews.com/health/body-fat-tied-to-heart-risks-in-normal-weight-adults>
40. Reuters, *Body fat tied to heart risks in normal-weight adults*, September 2013. <https://www.reuters.com/article/us-body-fat/body-fat-tied-to-heart-risks-in-normal-weight-adults-idUSBRE98P12820130926>
41. Audiomedica, *Surgery for Obesity: Cardiovascular Risk Benefits?* March 2006, <https://www.audiomedica.com/surgery-for-obesity-cardiovascular-risk-benefits/>

#### **Non-Peer Reviewed Products:**

1. Lynch D, **Batsis JA**. AGS 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](https://opmed.doximity.com/articles/ags-2021-offers-a-chance-for-reflection?csrf_attempted=yes&utm_source=opmed) . May 24th, 2021.
2. 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.
3. **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](http://www.acc.org)
4. 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.
5. **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.
6. **Batsis JA**. Is Obesity a Chronic Disease in Older Adults ? *Aging Today* : A publication of the American Society of Aging. September-October, 2017.
7. Palak PJ, **Batsis JA**. Obesity in the Older Adult. *OA Elderly Medicine* 2013 [Invited Review]
8. **Batsis JA**, DN Mohr. Clinical Images: A Case of Shortness of Breath, Abdominal Pain and Hematuria *The Hospitalist* 2006 March; 10(3):8
9. **Batsis JA**. Obesity and the Heart. *Obesity Action Coalition Newsletter*. 2006; 1(4):3-5.
10. **Batsis JA**, Clinical Pharmacology of Protease Inhibitors in HIV Infection. *Trinity Student Medical Journal*. 2000;1:60-65.
11. **Batsis JA**, Surviving Mount Sinai. *Irish Medicine Weekly*. 2000;4(37):34.

## **TEACHING ACTIVITIES**

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### **Course Director**

- 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, IM Residency Program, 2013-2016

- Faculty Coordinator, Geriatric Medicine Residency Rotation, IM Residency Program, 2010-2016
- Activity Director, Monthly Geriatric Case Conference CME Series, 2010-2013

### ***Undergraduate Medical Students***

- 1.
2. Internal Medicine Career Interest Group (Discussant, 1 hour), Geisel School of Medicine at Dartmouth, 2016
3. Academic Promotion & Mentorship: A Faculty's View. Department of Medicine Education Committee, Dartmouth-Hitchcock, Lebanon, NH. May 2016.
4. Health, Society and the Physician (Lecturer, 1 hour), Geisel School of Medicine at Dartmouth, 2015
5. Geriatrics Skills Night (Tutor, 4 hours), Geisel School of Medicine at Dartmouth, 2011

### ***Lectures to Residents/Fellows***

1. A Whirlwind in Research Methods, Geriatric Medicine Fellowship, UNC-Chapel Hill, September 22, 2021.
2. Academic Mentorship, Geriatric Medicine Fellowship, UNC-Chapel Hill, August 20, 2021.
3. Sarcopenia as a Geriatric Syndrome, Geriatric Medicine Fellowship, UNC-Chapel Hill, June 18<sup>th</sup>, 2021.
4. To Treat or not to Treat: The Who, What, Where, Why and How (1 hour), Geriatric Medicine Fellowship, UNC-Chapel Hill, April 30, 2021
5. Academic Advancement: Mentorship & Research (1 hour), Geriatric Medicine Fellowship, UNC-Chapel Hill, October 19, 2020
6. Mentorship for Success (1 hour), Internal Medicine (Categorical) Residency, D-H, September 2018
7. Osteoporosis (1.5 hours), Internal Medicine (Primary Care Track) Residency, D-H, May 2018
8. Research & Mentoring in Primary Care (1.5 hours), Internal Medicine (Categorical) Residency, D-H, October 2017
9. Research in Primary Care (1 hour), Internal Medicine (Categorical) Residency, D-H, October 2016
10. Clinical Research in Primary Care (1 hour), Internal Medicine (Primary Care Track) Residency, D-H, September 2015
11. Geriatrics for the Geriatric Psychiatrist (1 hour), Geriatric Psychiatry Fellowship, D-H, September 2015
12. Evaluation & Management of the Frail Elder: IM Core Curriculum (1 hour), Internal Medicine Residency, D-H, July 2015.
13. Osteoporosis (1.5 hours), Internal Medicine (Primary Care Track) Residency, D-H, April 2015
14. Research in Primary Care (1 hour), Internal Medicine (Categorical) Residency, D-H, October 2014
15. Clinical Research in Primary Care (1 hour), Internal Medicine (Primary Care Track) Residency, D-H, September 2013
16. Evaluation & Management of the Frail Elder: IM Core Curriculum (1 hour), Internal Medicine Residency, D-H, December 2012.
17. Nursing Home Primer, Internal Medicine (Primary Care Track) Residency, D-H, April 2012.
18. Osteoporosis (1 hours), Internal Medicine (Primary Care Track) Residency, D-H, April 2012
19. Statistics, Geriatric Medicine Fellowship, Mayo Clinic, 2007-2008

### ***Lectures to Graduate Students***

1. mHealth and Geriatric Obesity. Public Health Week – The Dartmouth Institute for Health Policy & Clinical Practice, Hanover, NH. April 2017
2. Career Trajectory Research Symposium. The Dartmouth Institute for Health Policy & Clinical Practice, Lebanon, NH. February 2016
3. Physician's Assistant Medicine II (Geriatric Medicine) Lecturer, Arcadia University, January 2015

4. Physician's Assistant Medicine II (Geriatric Medicine) Lecturer, Arcadia University, January 2014
5. Physician's Assistant Medicine II (Geriatric Medicine) Lecturer, Arcadia University, January 2013

#### **Thesis Reports:**

1. 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.
2. 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**
3. Mohieldin Suehayla. *BANDPASS: A Smart Resistance Exercise Band to Monitor Strength*. Dartmouth Technical Report. Senior Honors Thesis. May 2019. Advisors: Ryan Halter, **John Batsis**
4. 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.
5. Boateng George G. *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/>

#### **Grand Rounds**

1. Using Technology to Advance Healthy Aging: Duke Geriatrics Grand Rounds, Durham, NC, February 28<sup>th</sup>, 2022 [Virtual]
2. Clinical Pearls in Managing Older Adults with Obesity: WakeMed Grand Rounds, Cary, NC, January 2021 [Virtual].
3. To Treat or Not To Treat: Obesity in Older Adults: Geriatrics, Gerontology & Palliative Care Grand Rounds, University of Alabama, Birmingham, AL. December 2019.
4. 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.
5. Clinical Pearls in Geriatric Obesity. Medical Grand Rounds, Dartmouth-Hitchcock, Hanover, NH. April 2017.
6. Should we Treat Obesity in Older Adults. Medicine Grand Rounds, Dartmouth-Hitchcock, Hanover, NH. Lebanon, NH, April 2014.
7. Perioperative Care of the Elderly Patient. Department of Obstetrics & Gynecology Grand Rounds, Dartmouth-Hitchcock, Lebanon, NH. September 2009.
8. Fever in the Medical Patient. Section of Maxillofacial & Oral Surgery Grand Rounds, Dartmouth-Hitchcock, Lebanon, NH. February 2009.
9. CNS Vasculitis & Amyloid Angiopathy. Neurology Grand Rounds, University of Connecticut, Farmington, CT. July 2000.

#### **Local/Regional Lectures** (*\*indicates continuing education credit*)

1. How to conduct a Systematic Review – Systematic Review Panel Discussion, UNC Chapel Hill, Chapel Hill, June 9<sup>th</sup>, 2022.
2. \*Sarcopenia, Sarcopenic Obesity, and Myosteatosis – the Importance of Fat and Muscle in aging. Lineberger Geriatric Oncology Lunch & Learn, Chapel Hill, NC (virtual); March 17<sup>th</sup>, 2022.
3. Improving Health and Function in Older Patients with Obesity. Division of Geriatric Medicine Research Talk, Chapel Hill, NC; July 23<sup>rd</sup>, 2021.
4. Treating Obesity in Older Adults: From Epidemiology to Clinical Therapies. Nutrition Obesity Research Center Seminar, Chapel Hill, NC; April 9<sup>th</sup>, 2021.

5. 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
6. Insights into Delivering eHealth Interventions in Obesity Medicine; Center for Technology & Behavioral Health; Lebanon, NH; January 2019
7. \*Telehealth as a Modality for Rural Obesity Care; Northeast Regional Telehealth Conference; Portland, ME; June 2018.
8. \*Obesity in Older Adults: Clinical Pearls & Treatment Strategies; Healthy Aging Conference, University of Vermont; Colchester, VT; April 2018.
9. \*Primary Care Obesity Management in Rural Older Adults: Challenges & Opportunities. Roundtable Rural Health Conference, Bartlett, NH. November 2017.
10. \*Obesity, Sarcopenia and Falls. New Hampshire Falls Risk Reduction Annual Fall Conference, Bedford, NH. September 2016.
11. \*A Weighty Concern in Older Adults. New Hampshire Falls task Force Quarterly Meeting, Concord, NH. May 2016.
12. \*A Weighty Concern: Obesity Management in 2015. Northeastern Vermont Regional Medical Center, St. Johnsbury, VT. June 2015.
13. \*Sarcopenia: Why the Weakness? New Hampshire Falls Conference, Bedford, NH. June 2014
14. \*Principles of Conservative Prescribing, Rutland Regional Medical Center, Rutland, VT. May 2012.
15. \*Overweight and Over 60. Vermont Dietetic Association Annual Meeting, Essex Junction, VT. May 2012.
16. \*Management of the Geriatric Patient with Obesity, Society of General Internal Medicine – New England Regional Meeting, Portland, ME. March 2012.
17. \*Obesity in Elderly Adults. Dartmouth Co-Op Meeting, Hanover, NH. February 2010.
18. \*Multiple Feedings of the Mind – Geriatric Medicine. American College of Physicians NH/VT Meeting, Stowe VT. October 2009.
19. \*Medications: A Double-Edged Sword in Elderly Patients. Dartmouth-Hitchcock Geriatric Update, Lake Morrey, VT. April 2009.
20. \*Geriatric Update. Clinical Reviews, Mayo Clinic, Rochester, MN. October 2006.

***National/International Lectures*** (\*indicates continuing education credit)

1. \*Use of Telehealth in Obesity Management: Current Evidence and Future Evidence. Obesity Medicine Association 2022 Virtual Conference. Friday, May 21<sup>st</sup>, 2022.
2. Diversity in Research Update, AGS/AFAR Clin-Star Mentoring and Grantsmanship Workshop. American Geriatrics Society Annual Scientific Meeting 2022, Saturday, May 14<sup>th</sup>, 2022.
3. \*Using Adaptive Designs to Address Heterogeneity of Aging in Behavioral Interventions. American Geriatrics Society Annual Scientific Meeting 2022, Thursday, May 12<sup>th</sup>, 2022
4. \*Beyond Behavioral Interventions for Weight Loss. American Geriatrics Society Annual Scientific Meeting 2022, Thursday, May 12<sup>th</sup>, 2022
5. \*Breakfast with the Experts – Telehealth in Obesity Medicine. Obesity Medicine Association 2022 Conference, Atlanta, GA, Sunday, May 1<sup>st</sup>, 2022.
6. \*Use of Telehealth in Obesity Management: Current Evidence and Future Evidence. Obesity Medicine Association 2022 Conference, Atlanta, GA. Sunday, May 1<sup>st</sup>, 2022.
7. \*Managing the Older Adult with Obesity. Division of Endocrinology Division of Endocrinology and Nutrition Conference University of Maryland School of Medicine, January 27<sup>th</sup>, 2022
8. \*The Importance of User-Centered Design in Device Development. Center for Technology and Behavioral Health at Dartmouth, December 10<sup>th</sup>, 2021
9. \*Interventions for Obesity Related Disorders in Older Adults. The Double Whammy – Metabolic Consequences of Aging and Obesity. Obesity Society's Obesity Week, November 3<sup>rd</sup>, 2021.
10. Obesity Roundtable and White Paper Proceedings. National Council on Aging. Roundtable on Obesity and Equitable Aging, October 22<sup>nd</sup>, 2021.

11. \*Clinical Pearls in the Management of Obesity in Older Adults. Wake Forest Baptist Health. Obesity as A Disease: Innovative Approaches to Treatment, October 1<sup>st</sup>, 2021.
12. Sarcopenia and Sarcopenic Obesity and Incident Fall Risk. International Conference on Frailty, Sarcopenia, and Geroscience (Virtual), September 30<sup>th</sup>, 2021
13. \*Improving Health and Physical Function in Older patients with Obesity. Obesity Medicine Association Fall Meeting, Chicago, IL, September 25<sup>th</sup>, 2021.
14. A New Company – Digital Enhancement of Strength Training. AGS/UCSF TidesWell (Virtual), May 11<sup>th</sup>, 2021.
15. Obesity & Frailty: The Convergence of Two Commonly Unrecognized Disorders in the Elderly. World Congress of Cardiology (Virtual), February 26, 2021
16. Obesity: Its Effect on Increasing the Risk for COVID-19 and Other Health Conditions. Gerontological Society of America Annual Scientific Meeting (Virtual), November 2020.
17. Telehealth-Delivery of a Multicomponent Obesity Intervention in Older, Rural Adults with Obesity. Gerontological Society of America Annual Scientific Meeting (Virtual), November 2020.
18. Incident Cognitive Decline in Sarcopenia and Sarcopenic Obesity. International Conference on Frailty & Sarcopenia Research, Toulouse, France, March 2020.
19. \*Insights into Geriatric Obesity Interventions. Division of Geriatric Medicine, University of North Carolina at Chapel Hill, Chapel Hill, NC. January 2020.
20. Mobile Health Obesity Wellness Interventions: Research in Progress. Division of General Internal Medicine & Geriatrics, Pennsylvania State University, Hershey, PA. January 2020.
21. \*Sarcopenia Obesity: Definitions & Assessment. Gerontology Society of America – Annual Scientific Meeting, Austin, TX. November 2019.
22. Linking Epidemiology and Molecular Mechanisms in Sarcopenic Obesity in Populations. FENS 2019: 13<sup>th</sup> European Nutrition Conference, Dublin, Ireland. October 2019.
23. 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.
24. \*Systematic Reviews: Nuts & Bolts. American Geriatrics Society Annual Meeting, Portland, OR, May 2019.
25. Mobile Health Interventions in Obesity Medicine: Lessons Learned and Future Directions. Jean Mayer USDA Human Nutrition Research Center on Aging, Boston, MA. March 2019.
26. Implementation Strategies for Addressing Rural Obesity Using Telehealth; Implementation Science and Digital Therapeutics Conference, Dartmouth College, Hanover, NH; December 2018.
27. \*Finding the Evidence: Systematic Review Process of Position Paper of Unfounded Treatments. The Obesity Society Annual Meeting (Obesity Week), Nashville, TN. November 2018.
28. \*User Centered Design & Evaluation: Practical Considerations for Older Adults. American Geriatrics Society Annual Meeting, Orlando, FL. May 2018.
29. Weight Change and Risk of FNIH Sarcopenia Project Low Lean Mass. International Conference on Frailty & Sarcopenia Research, Miami Beach, FL, March 2018.
30. 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
31. \*Sarcopenic Obesity: Is the Whole greater than its Parts – COPE Villanova College of Nursing: MacDonald Center for Obesity Prevention & Education, Philadelphia, PA. January 2018
32. \*Should we Treat Obesity in the Elderly. American Heart Association Scientific Sessions, Anaheim, CA. November 2017.
33. Sarcopenia, Telomere Length and Mortality: NHANES 1999-2002. International Academy of Nutrition and Aging, San Francisco, CA, July 2017.
34. Association of Adiposity, Telomere Length and Aging: NHANES 1999-2002. International Academy of Nutrition and Aging, San Francisco, CA, July 2017.
35. Association of Sarcopenic Obesity and Mortality: Data from NHANES 1999-2004. International Association of Gerontology and Geriatrics World Congress, San Francisco, CA, July 2017

36. \*Obesity Management in Older Adults – Meet-the-Professor Sessions. Endocrine Society (ENDO 2017), Orlando, FL. March 2017.
37. \*Impact of Obesity in Rural Americans on Health. Gerontological Society of America Annual Scientific Meeting, New Orleans, LA. November 2016
38. \*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
39. \*Is Obesity Important in Older Adults. The Obesity Society Annual Meeting (Obesity Week), New Orleans, LA. November 2016.
40. \*Accountable Care Organizations: Dartmouth-Hitchcock’s Experience. American Geriatrics Society Annual Meeting, Long Beach, CA. May 2016.
41. \*Nutritional Considerations in Geriatric Obesity. American Geriatrics Society Annual Meeting, National Harbor, MD. May 2015.
42. \*Why is Obesity Important in Older Adults. American Geriatrics Society Annual Meeting, National Harbor, MD. May 2015.
43. Preparing your Portfolio for Promotion. American Geriatrics Society Annual Meeting, National Harbor, MD. May 2015.
44. Prevalence of Low Lean Mass in the USA using the FNIH Sarcopenia Project Cutpoints. International Conference on Frailty & Sarcopenia Research, Boston, MA, April 2015.
45. Association of Physical Impairments with FNIH Sarcopenia definitions of Clinical Weakness: Data from the Health & Retirement Survey. International Conference on Frailty & Sarcopenia Research, Boston, MA, April 2015.
46. \*Functional Recovery of Frail Older Adults Following Fragility Fractures. University of Scranton – Geisinger Health System, Scranton, PA. April 2014.
47. \*Peri-Operative Care in Older Adults with Fragility fractures. University of Scranton – Geisinger Health System, Scranton, PA. April 2014.
48. \*Palliative Care for the Frail Elder: Enhancing Shared-Decision Making at the End of Life. International Congress of Palliative Care, Montreal, Canada. October 2012.
49. High Adiposity and Survival in the Elderly US Population. American Geriatrics Society Annual Meeting, Orlando, FL. May 2010.
50. \*Geriatric Hip Fracture Symposium: Principles of Co-Management. American Geriatrics Society Annual meeting, Orlando, FL. May 2008.
51. Effects of a Hospitalist Care Model on Mortality in Elderly Patients with Hip Fracture. American Geriatrics Society Annual Meeting, Seattle, WA. May 2007.
52. Resource Utilization amongst Total Knee Arthroplasty Patients Cared for on a Specialty Orthopedic Nursing Unit. American Geriatrics Society Annual Meeting, Seattle, WA. May 2007.
53. \*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

**Local Continuing Education lectures**

1. Weight Loss Interventions in Rural Adults; Dartmouth-Hitchcock Section of General Internal Medicine, Lebanon, NH; January 2019.
2. Mentorship for Academic Success; Dartmouth-Hitchcock Section of General Internal Medicine, Lebanon, NH; December 2017.
3. Clinical Pearls of Managing Older Adults with Obesity. Section of General Internal Medicine, Dartmouth-Hitchcock, Lebanon, NH. March 2017.
4. Geriatric Case Conference, Section of General Internal Medicine, Dartmouth-Hitchcock, Lebanon, NH. March 2016
5. Behavioral Pearls & Emerging Therapies in Obesity Management. Section of General Internal Medicine, Dartmouth-Hitchcock, Lebanon, NH. January 2016.

6. Academic Mentorship. Section of Hospital Medicine, Dartmouth-Hitchcock, Lebanon, NH. January 2016.
7. Osteoporosis: An Update. Associate Provider Education Session, Section of General Internal Medicine, Dartmouth-Hitchcock, Lebanon, NH. September 2015
8. Sarcopenia in Older Adults: Assessment and Management. Section of General Internal Medicine, Dartmouth-Hitchcock, Lebanon, NH. October 2014.
9. Guiding Principles for the Care of Older Adults with Multi-morbidity. Northern New England Geriatric Education Center, Lebanon, NH. April 2014
10. 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.
11. Obesity in the Elderly. Section of Weight & Wellness, Dartmouth-Hitchcock, Lebanon, NH. March 2013.
12. Obesity in the Elderly. Associate Provider Education Session, Section of General Internal Medicine, Dartmouth-Hitchcock, Lebanon, NH. March 2013.
13. Failure to Thrive and Frailty: Geriatric Mental Health Series. Northern New England Geriatric Education Center, Lebanon, NH. February 2013.
14. Geriatric Considerations for Bariatric Surgery. Section of Bariatric Surgery, Department of Surgery, Dartmouth-Hitchcock, Lebanon, NH. January 2013.
15. Conservative Prescribing. Section of General Internal Medicine, Dartmouth-Hitchcock, Lebanon, NH. December 2012.
16. Self-Neglect and Failure to Thrive. Northern New England Geriatric Education Center, Lebanon, NH. May 2012.
17. Principles of Conservative Prescribing in Elders: Geriatric Pharmacology Conference. Northern New England Geriatric Education Center, Concord, NH. May 2012.
18. Failure to Thrive. Northern New England Geriatric Education Center, Claremont, NH. May 2012.
19. A Slippery Slope: A Brief Case in Hospital-Based Geriatrics. Section of Hospital Medicine, Dartmouth-Hitchcock, Lebanon, NH. January 2012
20. Osteoporosis: Epidemiology, Treatment & Controversies. Associate Provider Educational Session, Section of General Internal Medicine, Dartmouth-Hitchcock, Lebanon, NH. December 2011.
21. Overweight and Over 60: When Overweight is Really a Problem. Northern New England Geriatric Education Center, Lebanon, NH. December 2011
22. \*Osteoporosis. Geriatric Case Conference, Dartmouth-Hitchcock, Lebanon, NH. July 2011.
23. \*American Geriatrics Society Meeting Update 2011. Geriatric Case Conference, Dartmouth-Hitchcock, Lebanon, NH. May 2011.
24. Managing Behavioral Disturbances in Dementia. Section of General Internal Medicine, Dartmouth-Hitchcock, Lebanon, NH. September 2010.
25. Driving and Dementia: A Review of the 2010 AAN Guidelines. Northern New England Geriatric Education Center, Lebanon, NH. June 2010.
26. Polypharmacy in the Elderly. Section of General Internal Medicine, Dartmouth-Hitchcock, Lebanon, NH. April 2009.
27. Conducting the Post-Fall Assessment. Northern New England Geriatric Education Center, Lebanon, NH. December 2008
28. Multifactorial Falls Assessment in the Elderly. Section of General Internal Medicine, Dartmouth-Hitchcock, Lebanon, NH. March 2008.
29. The Hospitalized Elder. Mayo Clinic Geriatrics Care Clinical Conference, Rochester, Minnesota. August 2007.
30. Hospitalists and Hip Fractures. Division of Hospital Medicine, Mayo Clinic, Rochester, Minnesota. March 2007.
31. Resource Utilization in Orthopedic Patients. Geriatrics Care Clinical Conference, Mayo Clinic, Rochester, Minnesota. January 2007.

32. Obesity in the Elderly. Primary Care Clinical Conference, Mayo Clinic, Rochester, Minnesota. September 2006.
33. Multiple Myeloma. Medical Update Conference. St. James' Hospital, Dublin, Ireland. February 2003.

### **Research Teaching/Mentorship**

#### *Faculty Mentor*

- Anna Kahkoska, University of North Carolina at Chapel Hill, 2020-Present (nutrition)
- David Lynch, MD, University of North Carolina at Chapel Hill, Chapel Hill, NC, 2021 – Present
- Shakira Grant, MD, University of North Carolina at Chapel Hill, Chapel Hill, NC, 2021 – Present
- Meaghan A. Kennedy, MD, MPH, Family Medicine, Veterans Affairs, Bedford, MA, 2021 – Present
- Issam El-Bizri, MD, Section of General Internal Medicine (Geriatrics) faculty, D-H, 2019-2020
- Shenbagum Dewar, MD, Division of Geriatrics, University of Michigan, 2019-2020
- Rebecca S. Crow, DO, Section of General Internal Medicine (Geriatrics) faculty, D-H, 2018-2020
- Heather E. Doherty, PhD, Plymouth State University, Plymouth, NH, 2018-2020
- Sivan Rotenberg, PhD, Section of Psychology & Psychiatry faculty, D-H, 2017-2019
- Stephen K. Liu, MD, MPH, Section of General Internal Medicine faculty, D-H, 2016-2017
- Moxie Loeffler, DO, MPH, Section of General Internal Medicine faculty, D-H, 2014-2015
- Sohaib Aleem, MD, MPH, Section of General Internal Medicine, D-H, 2011-2014
- Gina G. Fernandez, MD, Section of General Internal Medicine (Geriatrics) faculty, D-H, 2012-13

#### *Post-Doctoral Fellows*

- Carmen Cuthbertson, PhD, K99/R00 Geriatrics Mentor [Submitted], 2021-
- 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
- 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.

#### *Residents*

- Dominic Boccaccio, MD, University of North Carolina at Chapel Hill, Internal Medicine, 2022-Present
- Hillary Spangler, UNC-Chapel Hill, Internal Medicine Resident, 2021 - Present
- Matthew Von Dongen, UNC- Chapel Hill Internal Medicine Resident, 2020-2021
- Andrew La Paz, MD, University of North Carolina at Chapel Hill Geriatrics & Cardiology Fellow, 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

#### *Fellows:*

- 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
- 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-present
- 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

#### *Pre-Doctoral Students*

- Jill Akiyama, University of North Carolina at Chapel Hill, Health Policy and Management, Dissertation Committee Member, 2022 – Present (geriatrics)

#### *Medical Students*

- Anne Worth, University of North Carolina at Chapel Hill, 2021 – Present (nutrition, geriatrics)
- Daniela Shirazi, California University of Science and Medicine, 2021 – Present (nutrition, geriatrics)
- Rayad Sham, University of North Carolina at Chapel Hill, 2021 – Present (nutrition, geriatrics)
- Marco Fanous, University of North Carolina at Chapel Hill, 2021 – Present (nutrition, geriatrics)
- Anna Kahkoska, University of North Carolina at Chapel Hill, 2020-2021 (nutrition, geriatrics)
- Arunsrinivasan Ponshunmugam, Geisel School of Medicine at Dartmouth, 2018 – Present (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 Rippberger, 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).

#### *Undergraduate Students*

- Dakota Batchek, BA Candidate (Pre-Med), Arts & Science, 2022-Present
- Jacob Desalgen, BA Candidate (Pre-Med), Arts & Science, 2022-Present
- Claire Dixon, BSPH Candidate (Nutrition), School of Public Health, 2021-Present
- Sammy Suo, BSPH Candidate (Nutrition), School of Public Health, 2021-Present

- Michael Fowler, BSPH Candidate (Nutrition), School of Public Health, 2021-Present
- 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)
- Suehayla Mohieldin, Electrical Engineering, Thayer School of Engineering, 2018-2020
- 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
- Alexandra Dalton, Computer Science (Arts & Science), Dartmouth College, 2017

#### *Research Staff Associates*

- Caroline Summerour, BS, Social/Clinical Research Assistant, Center for Aging & Health, UNC, 2021-Present
- Quirina Vallejos, MPH, Social/Clinical Research Assistant, Center for Aging & Health, UNC, 2021-Present
- Tiffany Driesse, BS, Social/Clinical Research Assistant, Center for Aging & Health, UNC, 2020-Present
- Tiffany Driesse, BS, Research Assistant, Center for Health and Aging, Dartmouth-Hitchcock, 2020
- Vanessa Rauch, BA, Research Assistant, Section of Weight & Wellness, D-H, 2019-2020
- Tyler Gooding, BA, Research Assistant/Associate Research Coordinator, Section of Weight & Wellness, Dartmouth-Hitchcock, 2019-2020
- Christina Aquila, MSN, RDN, Research Clinical Dietitian, Section of Weight & Wellness, D-H, 2019-2020
- KC Wright, MSN, RDN, Research Clinical Dietitian, Section of Weight & Wellness, D-H, 2019-2020
- Meredith Roderka, BS, Research Assistant/Associate Research Coordinator, Section of Weight & Wellness, Dartmouth-Hitchcock, 2018-2020
- Ann L. Haedrich, PT, Research Physical Therapist, Dartmouth-Hitchcock, 2018-2020
- Gail Langeloh, RD, Research Associate, Section of Weight & Wellness, D-H, 2018-2020
- Dawna M. Pidgeon, PT, Research Physical Therapist, Dartmouth-Hitchcock, 2016-2020
- Rima I. Al-Nimr, RDN, MS, Research Clinical Dietitian, Section of Weight & Wellness, Dartmouth-Hitchcock, 2016-2020.
- Molly Caisse, BA, Research Assistant, Center for Health and Aging, D-H, 2019
- Peter DiMilia, MPH, Project Manager, Center for Health and Aging, D-H, 2018-2019
- Emma Brooks, BS, Research Assistant, Section of Weight & Wellness, D-H, 2018-2019
- Aaron Weintraub, Associate Research Coordinator, Section of Weight & Wellness, D-H, 2017-19
- Theresa Chockenbengboun, Research Assistant, Center for Health and Aging, D-H, 2018
- Dianne Kelecy, RD, Research Dietitian, Section of Weight & Wellness, Dartmouth-Hitchcock, 2018
- Aimee Greeley, PT, Research Physical Therapist, Dartmouth-Hitchcock, 2018
- Alexandra Zagaria, BA, Project Manager, Center for Health and Aging, D-H, 2016-2018.

#### **Clinical Teaching**

- Site Director – Geriatrics Teaching, Carolina Meadows Continuing Care Retirement Community, 2021
- Year 2 Transitions Course, Telemedicine Roundtable (Geriatrics), UNCSOM, February 23<sup>rd</sup>, 2021
- 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
- PGY1 & PGY-3, Business of Medicine Clinical Rotation, IM Residency, D-H, 2009-2012
- 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

#### **Student Preceptorships**

- Geriatric Ambulatory Block (Year 4), Geisel School of Medicine at Dartmouth, Clinical Faculty Preceptor (50-144 hours/year), 2009-2020
- On Doctoring (Year 1 & 2) Small Group Facilitator, Geisel School of Medicine at Dartmouth (~104 hours/year), 2009-2013
- On Doctoring (Year 1 & 2), Geisel School of Medicine at Dartmouth, Clinical Faculty Preceptor (~104 hours/year), 2009-2010
- Geriatric Medicine Ambulatory Block (Tutor, ~80 hours/year), Mayo Medical School, 2006-2008
- Clinical Diagnosis (Tutor, ~100 hours/ year), Mayo Medical School, 2006-2008.

### **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

### **Graduate Supervision (PhD Candidates)**

- Curtis Petersen, PhD Candidate, Thesis Advisor, The Dartmouth Institute for Health Policy & Clinical Practice, Dartmouth College, 2017 – 2021
- Jason Aziz, PhD Candidate, Thesis Committee, Jean Mayer USDA Nutrition Center, Tufts University, Boston, MA, 2018-2020
- Diane Sette, DNP Candidate, Thesis Committee, Massachusetts General Hospital Institute of Health Professions Post-Master's Program, 2017-2018

### **Graduate Supervision (Master's)**

- 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 (*Activity Aware: Wearable System for Real-Time Physical Activity Monitoring among the Elderly*)
- 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.

## **GRANTS**

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### **Current**

1UG1HD107692-01  
NIH/NIDDK

Mayer-Davis (PI)

12/2021 - 11/2026

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

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

Amount: \$5,000

2KR1442102 Batsis (PI) 12/2021 – 11/2021  
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  
Amount: \$2,000

2022 Junior Faculty Development Award Batsis (PI) 01/2022 – 12/2022  
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

Amount: \$10,000  
NIA/R41-AG-072943 Batsis – Consortium PI 09/2021 - 08/2022  
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  
Amount: \$26,671

KL2TR002490 Kahkoska (TraCS Scholar) 07/2021-06/2023  
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 SynchroHealth LLC 1/2021–12/22 (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

NIA/NIA R01-AG067416 Liang (PI) 9/30/2019– 5/31/2023  
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

Federal Ministry of Education & Research  
BMBF Germany

6/2019 – 6/2022

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)

NICHD/NIH T32-HD091058-06

Hummer, Aiello (PI)

5/2022-4/2028

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

Role: Mentor (In-Kind effort)

NIA/NIH K23-AG051681

Batsis (PI)

8/2016–4/2023 (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

NIA/NIH R41-AG072943

Nicolla (PI)

09/2021-05/2022

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

NIH/NIA R01-AG058615

Franz (PI)

06/2021 – 05/2023

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**

PCOR

Tosteson (PI)

2/2018 – 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% 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)



NCATS/NIH	Batsis (PI)	5/2017 – 4/2018
Title: <i>An eHealth delivered Health Coaching Intervention</i>		
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)	1/2017 – 12/2017
Norris Cotton Cancer Center		
Title: <i>A feasibility study of unsupervised, pre-operative exercise program in lung cancer surgery</i>		
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)	7/1/2015 – 8/31/2016
Health Resources and Services Administration		
Title: <i>Geriatric workforce enhancement program</i>		
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)	1/1/2013 – 8/31/2016
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)	1/1/2013 – 6/30/2016
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)	7/1/2010 – 6/3/2015
Health Resources and Services Administration		
Title: <i>Northern New England Geriatric Education Center</i>		
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 Institute, Dartmouth College	Korc (Chair)	9/2009 – 8/2013
Small Grants Program		
Title: <i>Sarcopenic Obesity: in Elderly Adults.</i>		
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)	7/2010 – 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 Endocrine, Metabolism

Small Grants Program

Mayo Clinic

04/2006 – 04/2008

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 (Collazo-Clavell) (0% effort, In-Kind)

Amount: \$10,000

Surgery Research Concept Grant - Mayo Clinic

05/2006 – 04/2007

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 (Sarr) (0% effort, In-Kind)

Amount: \$3,000

Department of Medicine Small Grants Program

Mayo Clinic

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 (Huddleston)

Amount: \$5,000

## PROFESSIONAL SERVICE

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

- Moderator, American Geriatrics Society Annual Scientific Meeting 2022
- Scientific Symposium and Abstract Reviewer, Gerontological Society of America 2022  
Annual Scientific Meeting
- Moderator, International Conference on Frailty, Sarcopenia, & Geroscience (Virtual) 2021
- Chair, Research Methods Subcommittee (Research), American Geriatrics Society 2021-Present
- Mentor Program, American Geriatrics Society 2021-Present
- Co-Chair, Diversity in Research Subcommittee, American Geriatrics Society 2020-Present  
Research Committee
- 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. 2019-2022
- Member, Research Methods Subcommittee, American Geriatrics Society 2018-Present
- Member, Annual Meeting Subcommittee (Research), American Geriatrics Society 2018-Present
- Member, Research Committee, American Geriatrics Society 2017- Present
- Member, Health Sciences Research Committee, Gerontological Society of America 2017-2021

- Scientific Symposium Reviewer, Gerontological Society of America Annual Scientific Meeting 2013-Present
- Member, Health Sciences Annual Scientific Meeting Program Workgroup, Gerontological Society of America Scientific Meeting 2020-2022
- Moderator, Annual Meeting, American Geriatrics Society, *Implementation Science: Moving models of care for older patients from research evidence to real world action* 2021
- Inappropriate Medications for the Treatment of Obesity, Chair, The Obesity Society 2016-2020
- Moderator, Momentum Sessions, Gerontological Society of America Scientific Meeting 2020
- Co-Chair, Presidential Symposium: The Past, Present, and Future of Health Sciences Research 2020
- Member, Presidential Paper Workgroup (Health Services), Gerontological Society of America 2020-2021
- Scientific Abstract Reviewer (Annual Meeting), American Geriatrics Society 2019-2022
- Member, Health Sciences Award Committee, Gerontological Society of America 2019-2020
- Member, Research Awards Committee, American Geriatrics Society 2019-2022
- Fellowship Application Review Committee, Member, American Geriatrics Society 2015–2021
- Member, Clinical Committee, The Obesity Society 2016-2019
- Scholar, National Institute on Aging/U13 Conference on Muscle, Bone & Fat 2019
- Scientific Proposal Reviewer (Annual Meeting), American Geriatrics Society 2013–2018, 2021
- Annual Meeting Moderator, American Geriatrics Society 2018
- Scientific Abstract/Symposium Reviewer (Annual Meeting), The Obesity Society 2015, 2017
- Symposium Chair, Nutrition & Aging, International Academy on Nutrition & Aging 2017
- Scientific Abstract Reviewer (Annual Meeting), American Geriatrics Society 2013 – 2017
- Scientific Abstract Reviewer, American College of Physicians NH/VT Meeting 2012 – 2017
- Member, Junior Faculty Research Special Interest Group, American Geriatrics Society 2013 – 2016
- Symposium Chair, eHealth in Rural Areas, Gerontological Society of America Annual Scientific Meeting 2016
- Symposium Chair, Health & Healthcare Disparities using MEPS, Gerontological Society of America Annual Scientific Meeting 2016
- Abstract/Symposium Reviewer, International Association for Geriatrics & Gerontology World Congress 2016
- Scientific Abstract Reviewer, SGIM New England Regional Meeting 2016
- Abstract Reviewer, Gerontological Society of America Scientific Meeting 2013 – 2015
- 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

**Committee Membership & Service – Institutional**

- Geriatrics Diversity, Equity, and Inclusion Committee, UNC Chapel Hill 2022-Present
- Department of Medicine Physician Scientist Training Program Selection Committee 2021-Present
- Nutrition Research Institute – 5-year review committee 2021
- Research Advisory Group, Department of Medicine, Member, UNC Chapel Hill 2021
- 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

***Other Administrative Activities (division, clinic, section or team)***

- Sarcopenia Program Development, Carolina Meadows 2021-Present
- 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
- Center for Technology & Behavioral Health, Affiliate Member, Dartmouth College 2018-Present
- Medical Student in Aging Research (MSTAR), Mentor 2021
- Business Analysis Recruitment Committee 2020
- Cancer Control Research, 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
- Geriatric Mental Health Planning Committee, 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 Pharmacology Conference, Planning Committee Member, Northern New England Geriatric Education Center 2011 – 2012
- 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

**Safety Monitoring**

- Nutrition for Precision Health, All of Us Precision Medicine Program 2022
- Implementation and Evaluation of Patient Priorities Care-North Carolina for Older Adults with Multiple Chronic Conditions, R01AG062686 (PI: Cene) 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 Wearable Technology for Health Promotion in Patients with Mental Illness 2019
- External Reviewer, Royal College of Physicians of Ireland: Obesity Policy Statement 2016

**Editorial Appointments**

- Editorial Board, *Journal of the American Geriatrics Society* (Ouslander, Editor) 2020-Present
- Editorial Board, *Journal of Gerontological Medical Sciences* (Newman, Editor) 2018-Present
- Editorial Board, *Journal of Nutrition in Geriatrics & Gerontology* (Bales, Editor) 2017-Present

**Journal Review Activities**

- Osteoporosis International 2021
- Gerontologist 2021
- Journal of the American Geriatrics Society 2008-2010, 2012, 2014-22
- Journal of Gerontological Biological Medical Sciences A 2016, 2018-2022
- 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
Nutrients	2021-2022

***Special Editorial Issues (Guest Editor)***

*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  
 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  
 External Grant Reviewer, Hong Kong Research Grant Council 2020-2021  
 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

***Local Review Activities***

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

***Expert Witness Consultation***

Ritchie Berger, esq, Dinse, Knapp, McAndrew, Burlington, VT: Focus, Geriatric Medicine 2018  
 Ritchie Berger, esq, Dinse, Knapp, McAndrew, Burlington, VT: Focus, Geriatric Medicine 2016  
 Ritchie Berger, esq, Dinse, Knapp, McAndrew, Burlington, VT: Focus, Geriatric Medicine 2012

***Academic Promotion External Review***

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