

October 29, 2021

CURRICULUM VITAE
RICHARD NORMAN JONES

Department of Psychiatry and Human Behavior
Warren Alpert Medical School
Brown University
Butler Hospital
345 Blackstone Boulevard, Box G-BH
Providence, Rhode Island 02906
Work Phone: 401-444-1943
Email: rich_jones@brown.edu

EDUCATION

Undergraduate The George Washington University, Psychology, BA, 1991
Graduate Johns Hopkins University, School of Hygiene and Public
Health, Psychiatric Epidemiology, Sc.D., 1998

ACADEMIC APPOINTMENTS

Professor, Department of Psychiatry and Human Behavior,
Department of Neurology, Warren Alpert Medical School,
Brown University, 2017-present
Associate Professor, Department of Psychiatry and Human
Behavior, Warren Alpert Medical School, Brown
University, 2013-2017
Associate Professor (Research Scholar Track), Department of
Neurology, Warren Alpert Medical School, Brown
University, 2015-present
Associate Professor, Harvard Medical School (HMS), Beth
Israel Deaconess Medical Center (BIDMC), Department of
Medicine, Division of Gerontology, 2012-2013
Senior Scientist, Institute for Aging Research (IFAR), Hebrew
SeniorLife (HSL), 2007-2013
Assistant Professor, HMS/BIDMC, 2007-2012
Instructor of Medicine, HMS/BIDMC, 2004-2007
Associate Scientist, IFAR/HSL 2003-2007
Senior Research Associate, 1997-2003

OTHER APPOINTMENTS

Major Administrative Leadership Positions Director, Quantitative Science Program, Warren Alpert Medical School, Departments of Psychiatry and Human Behavior, 2013 - present

Associate Director, Health and Social Policy Research, HSL/IFAR 2004-2013

Director, Mental Health and Aging Research, HSL/IFAR, 2004-2013

Committee Service Faculty Committee, HSL/IFAR, Member 1997-2013 and Chair 2003-2006

Institutional Review Board, HSL, Member 2006-2013, Chair 2006-2008

Senior Faculty Council, HSL/IFAR, Member 2009-2013, Chair 2011-2012

National and International Technical Expert Panel, Statistical Methods for Quality Initiatives, Center for Medicare and Medicaid Services Member 2005-2006,

Technical Expert Consultation on Functioning and Disability Measurement, World Health Organization, December 2015

Editorial Roles Senior Associate Editor, Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring, 2014-present

Statistical Editor, Alzheimer's & Dementia, 2013-present

Assistant Editor, Biostatistics. Journal of the American Geriatrics Society, 2009-present

Statistical Advisor, Journal of Applied Gerontology, 1/2022-12/2023

Grant Review Alzheimer's Drug Discovery Foundation, Scientific Review Board, Review Committee, Member 2021-present

NIH/ NIA ZAG1 ZIJ NIA Loan Repayment Special Emphasis Panel Standing member and mail reviewer, 2011-present

NIH/SREA NIA Special emphasis section 10/1/2020

NIH/NIA ZAG1-ZIJ-D-M1 Special Emphasis Study Section, 2/21/2020

NIH Center for Scientific Review ZRG1-BDCN-W-92 8/8/2019

NIH Center for Scientific Review, ASG Study section, Standing Member, 7/2015-6/2019

MDUK Muscular Dystrophy UK, grant review, 2019

Wellcome Trust, London UK, Peer Review Intermediate Fellowships, Ad hoc 2015
Health Research Board, Ireland, 2013
National Health and Medical Research Council (Australia), APP104510 (Project)
Academy of Finland, Panel 6, Health and Society, 2010
NIH/NIH Program Project Special Emphasis Panel Scientific Review Group 2008 10 ZAG1 ZIJ-7(O1), Member, 2007-2008
NIH/NIMH SRSP Review Group, Ad Hoc Member, 2007

HONORS AND AWARDS

Master of Arts *ad eundem*, Brown University, 2014
Top Reviewer Award, Journal of the American Geriatrics Society, 2011, 2013, 2014
Exceptional Reviewer, Medical Care, 2007, 2008, 2010
Excellence in Tutoring, Harvard Medical School, Clinical Epidemiology AC701 First year medical students. 2009
NIMH Traineeship in Psychiatric Epidemiology, Johns Hopkins University, Pre-doctoral T32 award, 1995-1998
Edgar C. Hayhow Award, 2021, Outstanding Paper *Can Organizational Leaders Sustain Compassionate, Patient-Centered Care and Mitigate Burnout?* Shared with Beth Lown and Andy Shin. American College of Healthcare Executives

MEMBERSHIP IN SOCIETIES

Gerontological Society of America, 1998-present
Founding member Gerontological Society of America, *Measurement Statistics and Research Design (MSRD) Interest Group*, Chair 2002-2004
American Geriatrics Society, 2009-present

PUBLICATIONS LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Gallo J, Schoen R, **Jones R**. Cognitive impairment and syndromal depression in estimates of active life expectancy: the 13-year follow-up of the Baltimore Epidemiologic Catchment Area sample. *Acta Psychiatr Scand*. 2000;101(4):265-273.
2. **Jones R**, Gallo J. Dimensions of the Mini-Mental State Examination among community dwelling older adults. *Psychological Medicine*. 2000;30(3):605-618.

3. Kiely D, Simon S, **Jones R**, Morris J. The protective effect of social engagement on mortality in long-term care. *Journal of the American Geriatrics Society*. 2000;48(11):1367-1372.
4. Morris J, Carpenter I, Berg K, **Jones R**. Outcome measures for use with home care clients. *Canadian Journal on Aging-Revue Canadienne Du Vieillissement*. 2000;19:87-105.
5. **Jones R**, Gallo J. Education bias in the mini-mental state examination. *Int Psychogeriatr*. 2001;13(3):299-310.
6. Mahoney D, Tarlow B, **Jones R**, Tennstedt S, Kasten L. Factors affecting the use of a telephone-based intervention for caregivers of people with Alzheimer's disease. *J Telemed Telecare*. 2001;7(3):139-148.
7. **Jones R**, Gallo J. Education and sex differences in the mini-mental state examination: Effects of differential item functioning. *Journals of Gerontology Series B-Psychological Sciences and Social Sciences*. 2002;57(6):P548-P558.
8. Leveille S, Bean J, Bandeen-Roche K, **Jones R**, Hochberg M, Guralnik J. Musculoskeletal pain and risk for falls in older disabled women living in the community. *Journal of the American Geriatrics Society*. 2002;50(4):671-678.
9. Mahoney DF, Tarlow BJ, **Jones RN**, Sandaire J. Effects of a multimedia project on users' knowledge about normal forgetting and serious memory loss. *Journal of the American Medical Informatics Association*. 2002;9(4):383-394.
10. Belle S, Czaja S, Schulz R, Zhang S, Burgio L, Gitlin L, **Jones R**, Mendelsohn A, Ory M, REACH. Using a new taxonomy to combine the uncombinable: Integrating results across diverse interventions. *Psychol Aging*. 2003;18(3):396-405.
11. Fries B, Morris J, Aliaga P, **Jones R**. Risk adjusting outcome measures for post-acute care. *Am J Med Qual*. 2003;18(2):66-72.
12. **Jones R**. Racial bias in the assessment of cognitive functioning of older adults. *Aging Ment Health*. 2003;7(2):83-102.
13. **Jones R**, Marcantonio E, Rabinowitz T. Prevalence and correlates of recognized depression in U. S. nursing homes. *Journal of the American Geriatrics Society*. 2003;51(10):1404-1409.
14. **Jones R**, Morris J, Marcantonio E, Lipsitz L. Satisfaction with primary care providers of older adults living in senior housing. *Journal of the American Geriatrics Society*. 2003;51(4):582-583.
15. Kiely D, Bergmann M, Murphy K, **Jones R**, Orav E, Marcantonio E. Delirium among newly admitted postacute facility patients: Prevalence, symptoms, and severity. *Journals of Gerontology Series a-Biological Sciences and Medical Sciences*. 2003;58(5):441-445.
16. Mahoney D, Tarlow B, **Jones R**. Effects of an automated telephone support system on caregiver burden and anxiety: Findings from the REACH for TLC intervention study. *Gerontologist*. 2003;43(4):556-567.
17. Mahoney DF, **Jones RN**, Coon DW, Mendelsohn AB, Gitlin LN, Ory M. The caregiver vigilance scale: Application and validation in the resources for enhancing

Alzheimer's caregiver health (REACH) project. *American Journal of Alzheimer's Disease & Other Dementias*®. 2003;18(1):39-48.

18. Marcantonio E, Simon S, Bergmann M, **Jones R**, Murphy K, Morris J. Delirium symptoms in post-acute care: Prevalent, persistent, and associated with poor functional recovery. *Journal of the American Geriatrics Society*. 2003;51(1):4-9.
19. Mor V, Angelelli J, **Jones R**, Roy J, Moore T, Morris J. Inter-rater reliability of nursing home quality indicators in the US. *Bmc Health Services Research*. 2003;3(1):20.
20. Hirdes JP, Fries BE, Morris JN, Ikegami N, Zimmerman D, Dalby DM, Aliaga P, Hammer S, **Jones R**. Home care quality indicators (HCQIs) based on the MDS-HC. *The Gerontologist*. 2004;44(5):665-679.
21. **Jones RN**, Fonda SJ. Use of an IRT-based latent variable model to link different forms of the CES-D from the Health and Retirement Study. *Soc Psychiatry Psychiatr Epidemiol*. 2004;39(10):828-835.
22. Kiely D, Bergmann M, **Jones R**, Murphy K, Orav E, Marcantonio E. Characteristics associated with delirium persistence among newly admitted post-acute facility patients. *Journals of Gerontology Series a-Biological Sciences and Medical Sciences*. 2004;59(4):344-349.
23. Morris J, **Jones R**, Fries B, Hirdes J. Convergent validity of minimum data set-based performance quality indicators in postacute care settings. *Am J Med Qual*. 2004;19(6):242-247.
24. Bergmann M, Murphy K, Kiely D, **Jones R**, Marcantonio E. A model for management of delirious postacute care patients. *Journal of the American Geriatrics Society*. 2005;53(10):1817-1825.
25. **Jones R**, Rosenberg A, Morris J, Allaire J, McCoy K, Marsiske M, Kleinman K, Rebok G, Malloy P. A growth curve model of learning acquisition among cognitively normal older adults. *Exp Aging Res*. 2005;31(3):291-312.
26. Koehler M, Rabinowitz T, Hirdes J, Stones M, Carpenter GI, Fries BE, Morris JN, **Jones RN**. Measuring depression in nursing home residents with the MDS and GDS: an observational psychometric study. *BMC Geriatr*. 2005;5(1):1.
27. Kuo H, **Jones R**, Milberg W, Tennstedt S, Talbot L, Morris J, Lipsitz L. Effect of blood pressure and diabetes mellitus on cognitive and physical functions in older adults: A longitudinal analysis of the advanced cognitive training for independent and vital elderly cohort. *Journal of the American Geriatrics Society*. 2005;53(7):1154-1161.
28. Marcantonio E, Kiely D, Simon S, Orav E, **Jones R**, Murphy K, Bergmann M. Outcomes of older people admitted to postacute facilities with delirium. *Journal of the American Geriatrics Society*. 2005;53(6):963-969.
29. Gallo WT, Bradley EH, Dubin JA, **Jones RN**, Falba TA, Teng H-M, Kasl SV. The persistence of depressive symptoms in older workers who experience involuntary job loss: Results from the health and retirement survey. *Journals of Gerontology Series B-Psychological Sciences and Social Sciences*. 2006;61(4):S221-S228.
30. Inouye SK, Zhang Y, Han L, Leo-Summers L, **Jones R**, Marcantonio E. Recoverable cognitive dysfunction at hospital admission in older persons during acute illness. *Journal of General Internal Medicine*. 2006;21(12):1276-1281.

31. **Jones RN.** Identification of measurement differences between English and Spanish language versions of the Mini-Mental State Examination - Detecting differential item functioning using MIMIC modeling. *Med Care.* 2006;44(11):S124-S133.
32. **Jones RN,** Yang FM, Zhang Y, Kiely DK, Marcantonio ER, Inouye SK. Does educational attainment contribute to risk for delirium? A potential role for cognitive reserve. *Journals of Gerontology Series a-Biological Sciences and Medical Sciences.* 2006;61(12):1307-1311.
33. Kiely D, **Jones R,** Bergmann M, Murphy K, Orav E, Marcantonio E. Association between delirium resolution and functional recovery among newly admitted postacute facility patients. *Journals of Gerontology Series a-Biological Sciences and Medical Sciences.* 2006;61(2):204-208.
34. Kiely DK, Volicer L, Teno J, **Jones RN,** Prigerson HG, Mitchell SL. The validity and reliability of scales for the evaluation of end-of-life care in advanced dementia. *Alzheimer Dis Assoc Disord.* 2006;20(3):176-181.
35. Kuo H, **Jones R,** Milberg W, Tennstedt S, Talbot L, Morris J, Lipsitz L. Cognitive function in normal-weight, overweight, and obese older adults: An analysis of the advanced cognitive training for independent and vital elderly cohort. *Journal of the American Geriatrics Society.* 2006;54(1):97-103.
36. Mitchell SL, Kiely DK, **Jones RN,** Prigerson H, Volicer L, Teno JM. Advanced dementia research in the nursing home: The CASCADE study. *Alzheimer Dis Assoc Disord.* 2006;20(3):166-175.
37. Rudolph J, **Jones R,** Grande L, Milberg W, King E, Lipsitz L, Levkoff S, Marcantonio E. Impaired executive function is associated with delirium after coronary artery bypass graft surgery. *Journal of the American Geriatrics Society.* 2006;54(6):937-941.
38. Simon SE, Bergmann MA, **Jones RN,** Murphy KM, Orav EJ, Marcantonio ER. Reliability of a structured assessment for nonclinicians to detect delirium among new admissions to postacute care. *JAMDA.* 2006;7(7):412-415.
39. Wolinsky FD, Unverzagt FW, Smith DA, **Jones R,** Wright E, Tennstedt SL. The effects of the ACTIVE cognitive training trial on clinically relevant declines in health-related quality of life. *Journals of Gerontology Series B-Psychological Sciences and Social Sciences.* 2006;61(5):S281-S287.
40. Wolinsky FD, Unverzagt FW, Smith DM, **Jones R,** Stoddard A, Tennstedt SL. The ACTIVE cognitive training trial and health-related quality of life: Protection that lasts for 5 years. *Journals of Gerontology Series a-Biological Sciences and Medical Sciences.* 2006;61(12):1324-1329.
41. Inouye SK, Zhang Y, **Jones RN,** Kiely DK, Yang F, Marcantonio ER. Risk factors for delirium at discharge - Development and validation of a predictive model. *Arch Intern Med.* 2007;167(13):1406-1413.
42. Kiely DK, **Jones RN,** Bergmann MA, Marcantonio ER. Association between psychomotor activity delirium subtypes and mortality among newly admitted postacute facility patients. *Journals of Gerontology Series a-Biological Sciences and Medical Sciences.* 2007;62(2):174-179.

43. Rudolph JL, **Jones RN**, Rasmussen LS, Silverstein JH, Inouye SK, Marcantonio ER. Independent vascular and cognitive risk factors for postoperative delirium. *American Journal of Medicine*. 2007;120(9):807-813.
44. Yang FM, **Jones RN**. Center for Epidemiologic Studies - Depression scale (CES-D) item response bias found with Mantel-Haenszel method was successfully replicated using latent variable modeling. *Journal of Clinical Epidemiology*. 2007;60(11):1195-1200.
45. Inouye SK, Zhang Y, **Jones RN**, Shi P, Cupples LA, Calderon HN, Marcantonio ER. Risk factors for hospitalization among community-dwelling primary care older patients: Development and validation of a predictive model. *Med Care*. 2008;46(7):726-731.
46. Leveille S, Kiel D, **Jones RN**, Roman A, Hannan M, Sorond F, Kang H, Samelson E, Gagnon M, Freeman M, Lipsitz L. The MOBILIZE Boston Study: Design and methods of a prospective cohort study of novel risk factors for falls in an older population. *BMC Geriatr*. 2008;8(1):16.
47. Marcantonio ER, Aneja J, **Jones RN**, Alsop DC, Fong TG, Crosby GJ, Culley DJ, Cupples LA, Inouye SK. Maximizing clinical research participation in vulnerable older persons: Identification of barriers and motivators. *Journal of the American Geriatrics Society*. 2008;56(8):1522-1527.
48. Martin L, Poss JW, Hirdes JP, **Jones RN**, Stones MJ, Fries BE, Rabinowitz T. Predictors of a new depression diagnosis among older adults admitted to complex continuing care: implications for the depression rating scale (DRS). *Age and Ageing*. 2008;37(1):51-56.
49. Samelson E, Kelsey J, Kiel D, Roman A, Cupples L, Freeman M, **Jones RN**, Hannan M, Leveille S, Gagnon M, Lipsitz L. Issues in conducting epidemiologic research in elders: Lessons from the MOBILIZE Boston Study. *American Journal of Epidemiology*. 2008;168(12):1444-1451.
50. Selim M, **Jones RN**, Novak P, Zhao P, Novak V. The effects of body mass index on cerebral blood flow velocity. *Clin Auton Res*. 2008;18(6):331-338.
51. Yang F, **Jones RN**. Measurement differences in depression: Chronic health-related and sociodemographic effects in older Americans. *Psychosomatic Medicine*. 2008;70(9):993-1004.
52. Yang FM, Cazorla-Lancaster Y, **Jones RN**. Within group differences in depression among older Hispanics living in the United States. *J Gerontol B Psychol Sci Soc Sci*. 2008;63(1):P27-32.
53. Yang FM, Inouye S, Fearing M, Kiely D, Marcantonio E, **Jones RN**. Participation in activity and risk for incident delirium. *Journal of the American Geriatrics Society*. 2008;56(8):1479-1484.
54. Zhang B, Mitchell SL, Bambauer KZ, **Jones RN**, Prigerson HG. Depressive symptom trajectories and associated risks among bereaved Alzheimer disease caregivers. *Am J Geriatr Psychiatry*. 2008;16(2):145-155.
55. Fong T, Fearing M, **Jones RN**, Shi P, Marcantonio E, Rudolph J, Yang F, Kiely D, Inouye S. The Telephone Interview for Cognitive Status: Creating a crosswalk with the Mini-Mental State Exam. *Alzheimers & Dementia*. 2009;5(6):492-497.

56. Fong TG, **Jones RN**, Shi P, Marcantonio ER, Yap L, Rudolph JL, Yang FM, Kiely DK, Inouye SK. Delirium accelerates cognitive decline in Alzheimer disease. *Neurology*. 2009;72(18):1570-1575.
57. Givens JL, **Jones RN**, Inouye SK. The Overlap Syndrome of Depression and Delirium in Older Hospitalized Patients. *Journal of the American Geriatrics Society*. 2009;57(8):1347-1353.
58. Hajjar I, Yang F, Sorond F, **Jones RN**, Milberg W, Cupples LA, Lipsitz LA. A Novel Aging Phenotype of Slow Gait, Impaired Executive Function, and Depressive Symptoms: Relationship to Blood Pressure and Other Cardiovascular Risks. *Journals of Gerontology Series a-Biological Sciences and Medical Sciences*. 2009;64(9):994-1001.
59. **Jones RN**, Kiely DK, Marcantonio ER. Prevalence of delirium on admission to post-acute care is associated with a higher number of nursing home deficiencies. *Journal of the American Medical Directors' Association*. 2009;11(4):253-256.
60. Kiely D, Marcantonio E, Inouye S, Shaffer M, Bergmann M, Yang F, Fearing M, **Jones RN**. Persistent delirium predicts greater mortality. *Journal of the American Geriatrics Society*. 2009;57(1):55-61.
61. Mitchell S, Teno J, Kiely D, Shaffer M, **Jones RN**, Prigerson H, Volicer L, Givens J, Hamel M. The clinical course of advanced dementia. *New England Journal of Medicine*. 2009;361(16):1529-1538.
62. Newman LR, Lown BA, **Jones RN**, Johansson A, Schwartzstein RM. Developing a Peer Assessment of Lecturing Instrument: Lessons Learned. *Academic Medicine*. 2009;84(8):1104-1110.
63. Rudolph JL, **Jones RN**, Levkoff SE, Rockett C, Inouye SK, Sellke FW, Khuri SF, Lipsitz LA, Ramlawi B, Levitsky S, Marcantonio ER. Derivation and Validation of a Preoperative Prediction Rule for Delirium After Cardiac Surgery. *Circulation*. 2009;119(2):229-236.
64. Sorond F, Serrador J, **Jones RN**, Shaffer M, Lipsitz L. The Sit-to-Stand Technique for the measurement of dynamic cerebral autoregulation. *Ultrasound Med Biol*. 2009;35(1):21-29.
65. Teresi J, Ocepek-Welikson K, Kleinman M, Eimicke J, Crane P, **Jones RN**, Lai J, Choi S, Hays R, Reeve B, Reise S, Pilkonis P, Cella D. Analysis of differential item functioning in the depression item bank from the Patient Reported Outcome Measurement Information System (PROMIS): An item response theory approach. *Psychology Science Quarterly*. 2009;51(2):148-180.
66. Tucker-Drob EA, Johnson KE, **Jones RN**. The Cognitive Reserve Hypothesis: A Longitudinal Examination of Age-Associated Declines in Reasoning and Processing Speed. *Developmental Psychology*. 2009;45(2):431-446.
67. Wolinsky FD, Mahncke HW, Kosinski M, Unverzagt FW, Smith DM, **Jones RN**, Stoddard A, Tennstedt SL. The ACTIVE cognitive training trial and predicted medical expenditures. *Bmc Health Services Research*. 2009;9:109.
68. Wolinsky FD, Mahncke HW, Vander Weg MW, Martin R, Unverzagt FW, Ball KK, **Jones RN**, Tennstedt SL. The ACTIVE Cognitive Training Interventions and the Onset of and Recovery from Suspected Clinical Depression. *Journals of Gerontology Series B-Psychological Sciences and Social Sciences*. 2009;64(5):577-585.

69. Wolinsky FD, Weg MWV, Martin R, Unverzagt FW, Ball KK, **Jones RN**, Tennstedt SL. The Effect of Speed-of-Processing Training on Depressive Symptoms in ACTIVE. *Journals of Gerontology Series a-Biological Sciences and Medical Sciences*. 2009;64(4):468-472.
70. Yang FM, Marcantonio ER, Inouye SK, Kiely DK, Rudolph JL, Fearing MA, **Jones RN**. Phenomenological Subtypes of Delirium in Older Persons: Patterns, Prevalence, and Prognosis. *Psychosomatics*. 2009;50(3):248-254.
71. Yang FM, Tommet D, **Jones RN**. Disparities in self-reported geriatric depressive symptoms due to sociodemographic differences: An extension of the bi-factor item response theory model for use in differential item functioning. *J Psychiatr Res*. 2009;43(12):1025-1035.
72. Aiken Morgan A, Marsiske M, Dzierzewski J, **Jones RN**, Whitfield K, Johnson K, Cresci M. Race-related cognitive test bias in the ACTIVE study: A MIMIC model approach. *Exp Aging Res*. 2010;36(4):426-452.
73. Ayotte BJ, Yang FM, **Jones RN**. Physical Health and Depression: A Dyadic Study of Chronic Health Conditions and Depressive Symptomatology in Older Adult Couples. *Journals of Gerontology Series B-Psychological Sciences and Social Sciences*. 2010;65(4):438-448.
74. Givens JL, **Jones RN**, Shaffer ML, Kiely DK, Mitchell SL. Survival and comfort after treatment of pneumonia in advanced dementia. *Arch Intern Med*. 2010;170(13):1102-1107.
75. Hannan MT, Gagnon MM, Aneja J, **Jones RN**, Cupples LA, Lipsitz LA, Samelson EJ, Leveille SG, Kiel DP. Optimizing the Tracking of Falls in Studies of Older Participants: Comparison of Quarterly Telephone Recall With Monthly Falls Calendars in the MOBILIZE Boston Study. *American Journal of Epidemiology*. 2010;171(9):1031-1036.
76. **Jones RN**, Fong TG, Metzger E, Tulebaev S, Yang FM, Alsup DC, Marcantonio ER, Cupples LA, Gottlieb G, Inouye SK. Aging, Brain Disease, and Reserve: Implications for Delirium. *Am J Geriatr Psychiatry*. 2010;18(2):117-127.
77. **Jones RN**, Hirdes J, Poss J, Kelly M, Berg K, Fries B, Morris J. Adjustment of nursing home quality indicators. *BMC Health Services Research*. 2010;10(96):96.
78. **Jones RN**, Rudolph JL, Inouye SK, Yang FM, Fong TG, Milberg WP, Tommet D, Metzger ED, Cupples LA, Marcantonio ER. Development of a unidimensional composite measure of neuropsychological functioning in older cardiac surgery patients with good measurement precision. *J Clin Exp Neuropsychol*. 2010;32(10):1041-1049.
79. Marcantonio E, Bergmann M, Kiely D, Orav E, **Jones RN**. Randomized trial of a delirium abatement program for postacute skilled nursing facilities. *Journal of the American Geriatrics Society*. 2010;58(6):1019-1026.
80. O'Connor M, Kapust L, Lin B, Hollis A, **Jones RN**. The 4Cs (Crash History, Family Concerns, Clinical Condition, and Cognitive Functions): A Screening Tool for the Evaluation of the At Risk Driver. *Journal of the American Geriatrics Society*. 2010;58(6):1104-1108.

81. Rudolph JL, Inouye SK, **Jones RN**, Yang FM, Fong TG, Levkoff SE, Marcantonio ER. Delirium: An Independent Predictor of Functional Decline After Cardiac Surgery. *Journal of the American Geriatrics Society*. 2010;58(4):643-649.
82. Rudolph JL, Zanin NM, **Jones RN**, Marcantonio ER, Fong TG, Yang FM, Yap LA, Inouye SK. Hospitalization in Community-Dwelling Persons with Alzheimer's Disease: Frequency and Causes. *Journal of the American Geriatrics Society*. 2010;58(8):1542-1548.
83. Wolinsky FD, Mahncke H, Vander Weg MW, Martin R, Unverzagt FW, Ball KK, **Jones RN**, Tennstedt SL. Speed of processing training protects self-rated health in older adults: enduring effects observed in the multi-site ACTIVE randomized controlled trial. *Int Psychogeriatr*. 2010;22(3):470-478.
84. Berkowitz RE, **Jones RN**, Rieder R, Bryan M, Schreiber R, Verney S, Paasche-Orlow MK. Improving Disposition Outcomes for Patients in a Geriatric Skilled Nursing Facility. *Journal of the American Geriatrics Society*. 2011;59(6):1130-1136.
85. Brand CA, Martin-Khan M, Wright O, **Jones RN**, Morris JN, Travers CM, Tropea J, Gray LC. Development of quality indicators for monitoring outcomes of frail elderly hospitalised in acute care health settings: Study Protocol. *Bmc Health Services Research*. 2011;11:8.
86. Fong TG, **Jones RN**, Rudolph JL, Yang FM, Tommet D, Habtemariam D, Marcantonio ER, Langa KM, Inouye SK. Development and Validation of a Brief Cognitive Assessment Tool The Sweet 16. *Arch Intern Med*. 2011;171(5):432-437.
87. Gangavati A, Hajjar I, Quach L, **Jones RN**, Kiely DK, Gagnon P, Lipsitz LA. Hypertension, Orthostatic Hypotension, and the Risk of Falls in a Community-Dwelling Elderly Population: The Maintenance of Balance, Independent Living, Intellect, and Zest in the Elderly of Boston Study. *Journal of the American Geriatrics Society*. 2011;59(3):383-389.
88. Gibbons LE, Crane PK, Mehta KM, Pedraza O, Tang Y, Manly JJ, Narasimhalu K, Teresi J, **Jones RN**, Mungas D. Multiple, correlated covariates associated with differential item functioning (DIF): Accounting for language DIF when education levels differ across languages. *Ageing research*. 2011;2(1):19.
89. Givens JL, Prigerson HG, **Jones RN**, Mitchell SL. Mental Health and Exposure to Patient Distress Among Families of Nursing Home Residents with Advanced Dementia. *J Pain Symptom Manage*. 2011;42(2):183-191.
90. Hayden KM, **Jones RN**, Zimmer C, Plassman BL, Browndyke JN, Pieper C, Warren LH, Welsh-Bohmer KA. Factor Structure of the National Alzheimer's Coordinating Centers Uniform Dataset Neuropsychological Battery An Evaluation of Invariance Between and Within Groups Over Time. *Alzheimer Dis Assoc Disord*. 2011;25(2):128-137.
91. Hayden KM, Reed BR, Manly JJ, Tommet D, Pietrzak RH, Chelune GJ, Yang FM, Revell AJ, Bennett DA, **Jones RN**. Cognitive decline in the elderly: an analysis of population heterogeneity. *Age and Ageing*. 2011;40(6):684-689.
92. Jefferson AL, Gibbons LE, Rentz DM, Carvalho JO, Manly J, Bennett DA, **Jones RN**. A Life Course Model of Cognitive Activities, Socioeconomic Status, Education,

- Reading Ability, and Cognition. *Journal of the American Geriatrics Society*. 2011;59(8):1403-1411.
93. Quach L, Galica AM, **Jones RN**, Procter-Gray E, Manor B, Hannan MT, Lipsitz LA. The Nonlinear Relationship Between Gait Speed and Falls: The Maintenance of Balance, Independent Living, Intellect, and Zest in the Elderly of Boston Study. *Journal of the American Geriatrics Society*. 2011;59(6):1069-1073.
94. Yang FM, Heslin KC, Mehta KM, Yang C-W, Ocepek-Welikson K, Kleinman M, Morales LS, Hays RD, Stewart AL, Mungas D, **Jones RN**, Teresi JA. A comparison of item response theory-based methods for examining differential item functioning in object naming test by language of assessment among older Latinos. *Psychological test and assessment modeling*. 2011;53(4):440-460.
95. Yen Y-C, Rebok GW, Gallo JJ, **Jones RN**, Tennstedt SL. Depressive Symptoms Impair Everyday Problem-Solving Ability Through Cognitive Abilities in Late Life. *Am J Geriatr Psychiatry*. 2011;19(2):142-150.
96. Crane PK, Carle A, Gibbons LE, Insel P, Mackin RS, Gross A, **Jones RN**, Mukherjee S, Curtis SM, Harvey D, Weiner M, Mungas D, Neuroimaging AsD. Development and assessment of a composite score for memory in the Alzheimer's Disease Neuroimaging Initiative (ADNI). *Brain Imaging and Behavior*. 2012;6(4):502-516.
97. Eggermont LHP, Penninx BWJH, **Jones RN**, Leveille SG. Depressive Symptoms, Chronic Pain, and Falls in Older Community-Dwelling Adults: The MOBILIZE Boston Study. *Journal of the American Geriatrics Society*. 2012;60(2):230-237.
98. Fong TG, **Jones RN**, Marcantonio ER, Tommet D, Gross AL, Habtemariam D, Schmitt E, Yap L, Inouye SK. Adverse Outcomes After Hospitalization and Delirium in Persons With Alzheimer Disease. *Ann Intern Med*. 2012;156(12):848-856.
99. Gross AL, Inouye SK, Rebok GW, Brandt J, Crane PK, Parisi JM, Tommet D, Bandeen-Roche K, Carlson MC, **Jones RN**, Neuroimaging AsD. Parallel but not equivalent: Challenges and solutions for repeated assessment of cognition over time. *J Clin Exp Neuropsychol*. 2012;34(7):758-772.
100. Gross AL, **Jones RN**, Habtemariam DA, Fong TG, Tommet D, Quach L, Schmitt E, Yap L, Inouye SK. Delirium and Long-term Cognitive Trajectory Among Persons With Dementia. *Arch Intern Med*. 2012;172(17):1324-1331.
101. Huang L-W, Inouye SK, **Jones RN**, Fong TG, Rudolph JL, O'Connor MG, Metzger ED, Crane PK, Marcantonio ER. Identifying Indicators of Important Diagnostic Features of Delirium. *Journal of the American Geriatrics Society*. 2012;60(6):1044-1050.
102. Saczynski JS, Marcantonio ER, Quach L, Fong TG, Gross A, Inouye SK, **Jones RN**. Cognitive Trajectories after Postoperative Delirium. *New England Journal of Medicine*. 2012;367(1):30-39.
103. Schmitt EM, Marcantonio ER, Alsup DC, **Jones RN**, Rogers SO, Jr., Fong TG, Metzger E, Inouye SK, Grp SS. Novel Risk Markers and Long-Term Outcomes of Delirium: The Successful Aging after Elective Surgery (SAGES) Study Design and Methods. *JAMDA*. 2012;13(9):818 e811-810.

104. Teresi JA, Ramirez M, **Jones RN**, Choi S, Crane PK. Modifying Measures Based on Differential Item Functioning (DIF) Impact Analyses. *Journal of Aging and Health*. 2012;24(6):1044-1076.
105. Unverzagt FW, Guey LT, **Jones RN**, Marsiske M, King JW, Wadley VG, Crowe M, Rebok GW, Tennstedt SL. ACTIVE Cognitive Training and Rates of Incident Dementia. *J Int Neuropsychol Soc*. 2012;18(4):669-677.
106. Berkowitz RE, Fang Z, Helfand BKI, **Jones RN**, Schreiber R, Paasche-Orlow MK. Project ReEngineered Discharge (RED) Lowers Hospital Readmissions of Patients Discharged From a Skilled Nursing Facility. *JAMDA*. 2013;14(10):736-740.
107. Carmichael O, McLaren DG, Tommet D, Mungas D, **Jones RN**, Alzheimer's Dis Neuroimaging I. Coevolution of brain structures in amnesic mild cognitive impairment. *Neuroimage*. 2013;66:449-456.
108. Comart J, Mahler A, Schreiber R, Rockett C, **Jones RN**, Morris JN. Palliative Care for Long-Term Care Residents: Effect on Clinical Outcomes. *Gerontologist*. 2013;53(5):874-880.
109. Gross AL, Rebok GW, Brandt J, Tommet D, Marsiske M, **Jones RN**. Modeling Learning and Memory Using Verbal Learning Tests: Results From ACTIVE. *Journals of Gerontology Series B-Psychological Sciences and Social Sciences*. 2013;68(2):153-167.
110. **Jones RN**, Marsiske M, Ball K, Rebok G, Willis SL, Morris JN, Tennstedt SL. The ACTIVE Cognitive Training Interventions and Trajectories of Performance Among Older Adults. *Journal of Aging and Health*. 2013;25(8):186S-208S.
111. Kertesz SG, Holt CL, Steward JL, **Jones RN**, Roth DL, Stringfellow E, Gordon AJ, Kim TW, Austin EL, Henry SR, Johnson NK, Granstaff US, O'Connell JJ, Golden JF, Young AS, Davis LL, Pollio DE. Comparing Homeless Persons' Care Experiences in Tailored Versus Nontailored Primary Care Programs. *American Journal of Public Health*. 2013;103:S331-S339.
112. Marsiske M, Dzierzewski JM, Thomas KR, Kasten L, **Jones RN**, Johnson KE, Willis SL, Whitfield KE, Ball KK, Rebok GW. Race-Related Disparities in 5-Year Cognitive Level and Change in Untrained Active Participants. *Journal of Aging and Health*. 2013;25(8):103S-127S.
113. Martin-Khan M, Burkett E, Schnitker L, **Jones RN**, Gray LC. Methodology for developing quality indicators for the care of older people in the Emergency Department. *BMC Emerg Med*. 2013;13(1):23.
114. Quach L, Yang FM, Berry SD, Newton E, **Jones RN**, Burr JA, Lipsitz LA. Depression, Antidepressants, and Falls Among Community-Dwelling Elderly People: The MOBILIZE Boston Study. *Journals of Gerontology Series a-Biological Sciences and Medical Sciences*. 2013;68(12):1575-1581.
115. Rebok GW, Langbaum JBS, **Jones RN**, Gross AL, Parisi JM, Spira AP, Kueider AM, Petras H, Brandt J. Memory Training in the ACTIVE Study: How Much is Needed and Who Benefits? *Journal of Aging and Health*. 2013;25(8):21S-42S.
116. Rexroth DF, Tennstedt SL, **Jones RN**, Guey LT, Rebok GW, Marsiske MM, Xu Y, Unverzagt FW. Relationship of Demographic and Health Factors to Cognition in Older Adults in the ACTIVE Study. *Journal of Aging and Health*. 2013;25(8):128S-146S.

117. Yang FM, Grigorenko A, Tommet D, Farias ST, Mungas D, Bennett DA, **Jones RN**, Crane PK. AD pathology and cerebral infarctions are associated with memory and executive functioning one and five years before death. *J Clin Exp Neuropsychol*. 2013;35(1):24-34.
118. Yang FM, **Jones RN**, Inouye SK, Tommet D, Crane PK, Rudolph JL, Ngo LH, Marcantonio ER. Selecting optimal screening items for delirium: an application of item response theory. *Bmc Medical Research Methodology*. 2013;13:11.
119. Eggermont LHP, Leveille SG, Shi L, Kiely DK, Shmerling RH, **Jones RN**, Guralnik JM, Bean JF. Pain Characteristics Associated with the Onset of Disability in Older Adults: The Maintenance of Balance, Independent Living, Intellect, and Zest in the Elderly Boston Study. *Journal of the American Geriatrics Society*. 2014;62(6):1007-1016.
120. Gross AL, **Jones RN**, Fong TG, Tommet D, Inouye SK. Calibration and Validation of an Innovative Approach for Estimating General Cognitive Performance. *Neuroepidemiology*. 2014;42(3):144-153.
121. Gross AL, Sherva R, Mukherjee S, Newhouse S, Kauwe JSK, Munsie LM, Waterston LB, Bennett DA, **Jones RN**, Green RC, Crane PK, Initia ADN, Consortium G, Consortium AG. Calibrating Longitudinal Cognition in Alzheimer's Disease Across Diverse Test Batteries and Datasets. *Neuroepidemiology*. 2014;43(3-4):194-205.
122. Inouye SK, Kosar CM, Tommet D, Schmitt EM, Puelle MR, Saczynski JS, Marcantonio ER, **Jones RN**. The CAM-S: Development and Validation of a New Scoring System for Delirium Severity in 2 Cohorts. *Ann Intern Med*. 2014;160(8):526-533.
123. Kertesz SG, Pollio DE, **Jones RN**, Steward J, Stringfellow EJ, Gordon AJ, Johnson NK, Kim TA, Daigle SG, Austin EL, Young AS, Chrystal JG, Davis LL, Roth DL, Holt CL. Development of the Primary Care Quality-Homeless (PCQ-H) Instrument A Practical Survey of Homeless Patients' Experiences in Primary Care. *Med Care*. 2014;52(8):734-742.
124. Kosar CM, Tabloski PA, Trivison TG, **Jones RN**, Schmitt EM, Puelle MR, Inloes JB, Saczynski JS, Marcantonio ER, Meagher D, Reid MC, Inouye SK. Effect of preoperative pain and depressive symptoms on the risk of postoperative delirium: a prospective cohort study. *Lancet Psychiatry*. 2014;1(6):431-436.
125. Marcantonio ER, Ngo LH, O'Connor M, **Jones RN**, Crane PK, Metzger ED, Inouye SK. 3D-CAM: Derivation and Validation of a 3-Minute Diagnostic Interview for CAM-Defined Delirium A Cross-sectional Diagnostic Test Study. *Ann Intern Med*. 2014;161(8):554-561.
126. Rebok GW, Ball K, Guey LT, **Jones RN**, Kim H-Y, King JW, Marsiske M, Morris JN, Tennstedt SL, Unverzagt FW, Willis SL, Grp AS. Ten-Year Effects of the Advanced Cognitive Training for Independent and Vital Elderly Cognitive Training Trial on Cognition and Everyday Functioning in Older Adults. *Journal of the American Geriatrics Society*. 2014;62(1):16-24.
127. Saczynski JS, Inouye SK, Kosar CM, Tommet D, Marcantonio ER, Fong T, Hshieh T, Vasunilashorn S, Metzger ED, Schmitt E, Alsop DC, **Jones RN**, Grp SS. Cognitive and brain reserve and the risk of postoperative delirium in older patients:

- analysis of data from a prospective observational study. *Lancet Psychiatry*. 2014;1(6):437-443.
128. Saczynski JS, Kosar CM, Xu G, Puelle MR, Schmitt E, **Jones RN**, Marcantonio ER, Wong B, Isaza I, Inouye SK. A Tale of Two Methods: Chart and Interview Methods for Identifying Delirium. *Journal of the American Geriatrics Society*. 2014;62(3):518-524.
129. Cavallari M, Hshieh TT, Guttmann CRG, Ngo LH, Meier DS, Schmitt EM, Marcantonio ER, **Jones RN**, Kosar CM, Fong TG, Press D, Inouye SK, Alsop DC, Grp SS. Brain atrophy and white-matter hyperintensities are not significantly associated with incidence and severity of postoperative delirium in older persons without dementia. *Neurobiology of Aging*. 2015;36(6):2122-2129.
130. Cieza A, Oberhauser C, Bickenbach J, **Jones RN**, Uestuen TB, Kostanjsek N, Morris JN, Chatterji S. The English are healthier than the Americans: really? *International Journal of Epidemiology*. 2015;44(1):229-238.
131. Dzierzewski JM, Potter GG, **Jones RN**, Rostant OS, Ayotte B, Yang FM, Sachs BC, Feldman BJ, Steffens DC. Cognitive functioning throughout the treatment history of clinical late-life depression. *Int J Geriatr Psychiatry*. 2015;30(10):1076-1084.
132. Fick DM, Inouye SK, Guess J, Ngo LH, **Jones RN**, Saczynski JS, Marcantonio ER. Preliminary development of an ultrabrief two-item bedside test for delirium. *Journal of Hospital Medicine*. 2015;10(10):645-650.
133. Fong TG, Gleason LJ, Wong B, Habtemariam D, **Jones RN**, Schmitt EM, de Rooij SE, Saczynski JS, Gross AL, Bean JF, others. Cognitive and physical demands of activities of daily living in older adults: Validation of expert panel ratings. *Pm&r*. 2015;7(7):727--735.
134. Fong TG, Hshieh TT, Wong B, Tommet D, **Jones RN**, Schmitt EM, Puelle MR, Saczynski JS, Marcantonio ER, Inouye SK. Neuropsychological Profiles of an Elderly Cohort Undergoing Elective Surgery and the Relationship Between Cognitive Performance and Delirium. *Journal of the American Geriatrics Society*. 2015;63(5):977-982.
135. Gifford KA, Liu D, Romano RR, **Jones RN**, Jefferson AL. Development of a subjective cognitive decline questionnaire using item response theory: A pilot study. *Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring*. 2015;1(4):429-439.
136. Givens JL, **Jones RN**, Mazor KM, Prigerson HG, Mitchell SL. Development and Psychometric Properties of the Family Distress in Advanced Dementia Scale. *JAMDA*. 2015;16(9):775-780.
137. Gleason LJ, Schmitt EM, Kosar CM, Tabloski P, Saczynski JS, Robinson T, Cooper Z, Rogers SO, Jr., **Jones RN**, Marcantonio ER, Inouye SK. Effect of Delirium and Other Major Complications on Outcomes After Elective Surgery in Older Adults. *Jama Surgery*. 2015;150(12):1134-1140.
138. Gross AL, **Jones RN**, Inouye SK. Development of an Expanded Measure of Physical Functioning for Older Persons in Epidemiologic Research. *Res Aging*. 2015;37(7):671-694.

139. Gross AL, Mungas DM, Crane PK, Gibbons LE, MacKay-Brandt A, Manly JJ, Mukherjee S, Romero H, Sachs B, Thomas M, Potter GG, **Jones RN**. Effects of Education and Race on Cognitive Decline: An Integrative Study of Generalizability Versus Study-Specific Results. *Psychol Aging*. 2015;30(4):863-880.
140. Hart CN, Carskadon MA, Demos KE, Van Reen E, Sharkey KM, Raynor HA, Considine RV, **Jones RN**, Wing RR. Acute Changes in Sleep Duration on Eating Behaviors and Appetite-Regulating Hormones in Overweight/Obese Adults. *Behavioral Sleep Medicine*. 2015;13(5):424-436.
141. Howe YJ, O'Rourke JA, Yatchmink Y, Viscidi EW, **Jones RN**, Morrow EM. Female Autism Phenotypes Investigated at Different Levels of Language and Developmental Abilities. *J Autism Dev Disord*. 2015;45(11):3537-3549.
142. Kenney S, **Jones RN**, Barnett NP. Gender Differences in the Effect of Depressive Symptoms on Prospective Alcohol Expectancies, Coping Motives, and Alcohol Outcomes in the First Year of College. *Journal of Youth and Adolescence*. 2015;44(10):1884-1897.
143. Kim KL, Galvan T, Puzia ME, Cushman GK, Seymour KE, Vanmali R, **Jones RN**, Spirito A, Dickstein DP. Psychiatric and Self-Injury Profiles of Adolescent Suicide Attempters versus Adolescents Engaged in Nonsuicidal Self-Injury. *Suicide and Life-Threatening Behavior*. 2015;45(1):37-50.
144. Kuritzky AM, Aswad BI, **Jones RN**, Ng T. Lobectomy by Video-Assisted Thoracic Surgery vs Muscle-Sparing Thoracotomy for Stage I Lung Cancer: A Critical Evaluation of Short- and Long-Term Outcomes. *J Am Coll Surg*. 2015;220(6):1044-1053.
145. Liu RT, **Jones RN**, Spirito A. Is Adolescent Suicidal Ideation Continuous or Categorical? A Taxometric Analysis. *J Abnorm Child Psychol*. 2015;43(8):1459-1466.
146. Puelle MR, Kosar CM, Xu G, Schmitt E, **Jones RN**, Marcantonio ER, Cooper Z, Inouye SK, Saczynski JS. The Language of Delirium Keywords for Identifying Delirium from Medical Records. *J Gerontol Nurs*. 2015;41(8):34-42.
147. Saczynski JS, Inouye SK, Guess J, **Jones RN**, Fong TG, Nemeth E, Hodara A, Ngo L, Marcantonio ER. The Montreal Cognitive Assessment: Creating a Crosswalk with the Mini-Mental State Examination. *Journal of the American Geriatrics Society*. 2015;63(11):2370-2374.
148. Schmitt EM, Saczynski JS, Kosar CM, **Jones RN**, Alsop DC, Fong TG, Metzger E, Cooper Z, Marcantonio ER, Trivison T, Inouye SK, Surg SAE. The Successful Aging After Elective Surgery Study: Cohort Description and Data Quality Procedures. *Journal of the American Geriatrics Society*. 2015;63(12):2463-2471.
149. Schnitker LM, Martin-Khan M, Burkett E, Beattie ERA, **Jones RN**, Gray LC, Care RCQ. Process Quality Indicators Targeting Cognitive Impairment to Support Quality of Care for Older People with Cognitive Impairment in Emergency Departments. *Acad Emerg Med*. 2015;22(3):285-298.
150. Schnitker LM, Martin-Khan M, Burkett E, Brand CA, Beattie ERA, **Jones RN**, Gray LC, Care RCQ. Structural Quality Indicators to Support Quality of Care for Older People With Cognitive Impairment in Emergency Departments. *Acad Emerg Med*. 2015;22(3):273-284.

151. Vasunilashorn SM, Ngo L, Inouye SK, Libermann TA, **Jones RN**, Alsop DC, Guess J, Jastrzebski S, McElhaney JE, Kuchel GA, Marcantonio ER. Cytokines and Postoperative Delirium in Older Patients Undergoing Major Elective Surgery. *Journals of Gerontology Series a-Biological Sciences and Medical Sciences*. 2015;70(10):1289-1295.
152. Vasunilashorn SM, Ngo L, Kosar CM, Fong TG, **Jones RN**, Inouye SK, Marcantonio ER. Does Apolipoprotein E Genotype Increase Risk of Postoperative Delirium? *Am J Geriatr Psychiatry*. 2015;23(10):1029-1037.
153. Becker SJ, **Jones RN**, Hernandez L, Graves HR, Spirito A. Moderators of Brief Motivation-Enhancing Treatments for Alcohol-Positive Adolescents Presenting to the Emergency Department. *Journal of Substance Abuse Treatment*. 2016;69:28-34.
154. Cavallari M, Dai W, Guttmann CRG, Meier DS, Ngo LH, Hshieh TT, Callahan AE, Fong TG, Schmitt E, Dickerson BC, Press DZ, Marcantonio ER, **Jones RN**, Inouye SK, Alsop DC, Grp SS. Neural substrates of vulnerability to postsurgical delirium as revealed by presurgical diffusion MRI. *Brain*. 2016;139(Pt 4):1282-1294.
155. Chang S-C, Wang W, Pan A, **Jones RN**, Kawachi I, Okereke OI. Racial variation in depression risk factors and symptom trajectories among older women. *Am J Geriatr Psychiatry*. 2016;24(11):1051-1062.
156. Cooper Z, Rogers SO, Ngo L, Guess J, Schmitt E, **Jones RN**, Ayres DK, Walston JD, Gill TM, Gleason LJ. Comparison of Frailty Measures as Predictors of Outcomes After Orthopedic Surgery. *Journal of the American Geriatrics Society*. 2016;64(12):2464-2471.
157. Dai W, Fong T, **Jones RN**, Marcantonio E, Schmitt E, Inouye SK, Alsop DC. Effects of arterial transit delay on cerebral blood flow quantification using arterial spin labeling in an elderly cohort. *Journal of Magnetic Resonance Imaging*. 2016;45(2):472-481.
158. Felver JC, **Jones R**, Killam MA, Kryger C, Race K, McIntyre LL. Contemplative Intervention Reduces Physical Interventions for Children in Residential Psychiatric Treatment. *Prev Sci*. 2016:1-10.
159. Gross AL, Mungas DM, Leoutsakos JS, Albert MS, **Jones RN**. Alzheimer's disease severity, objectively determined and measured. *Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring*. 2016;4:159-168.
160. Hshieh TT, Fox ML, Kosar CM, Cavallari M, Guttmann CRG, Alsop D, Marcantonio ER, Schmitt EM, **Jones RN**, Inouye SK. Head circumference as a useful surrogate for intracranial volume in older adults. *Int Psychogeriatr*. 2016;28(1):157-162.
161. Hshieh TT, Saczynski J, Gou RY, Marcantonio E, **Jones RN**, Schmitt E, Cooper Z, Ayres D, Wright J, Trivison TG. Trajectory of Functional Recovery After Postoperative Delirium in Elective Surgery. *Ann Surg*. 2016;265(4):647-653.
162. Inouye SK, Marcantonio ER, Kosar CM, Tommet D, Schmitt EM, Trivison TG, Saczynski JS, Ngo LH, Alsop DC, **Jones RN**. The short-term and long-term relationship between delirium and cognitive trajectory in older surgical patients. *Alzheimers & Dementia*. 2016;12(7):766-775.
163. **Jones RN**, Marcantonio ER, Saczynski JS, Tommet D, Gross AL, Trivison TG, Alsop DC, Schmitt EM, Fong TG, Cizginer S, Shafi MM, Pascual-Leone A, Inouye SK.

- Preoperative cognitive performance dominates risk for delirium among older adults. *J Geriatr Psychiatry Neurol.* 2016;29(6):320-327.
164. Leoutsakos J, Gross A, **Jones R**, Albert M, Breitner J. Alzheimer's progression score: Development of a biomarker summary outcome for AD prevention trials. *Journal of Prevention of Alzheimer's Disease.* 2016;3(4):229-235.
165. Newman LR, Brodsky D, **Jones RN**, Schwartzstein RM, Atkins KM, Roberts DH. Frame-of-Reference Training: Establishing Reliable Assessment of Teaching Effectiveness. *J Contin Educ Health Prof.* 2016;36(3):206-210.
166. Seymour KE, **Jones RN**, Cushman GK, Galvan T, Puzia ME, Kim KL, Spirito A, Dickstein DP. Emotional face recognition in adolescent suicide attempters and adolescents engaging in non-suicidal self-injury. *Eur Child Adolesc Psychiatry.* 2016;25(3):247-259.
167. Teresi JA, **Jones RN**. Methodological Issues in Examining Measurement Equivalence in Patient Reported Outcomes Measures: Methods Overview to the Two-Part Series, "Measurement Equivalence of the Patient Reported Outcomes Measurement Information System®(PROMIS®) Short Forms". *Psychological test and assessment modeling.* 2016;58(1):37-78.
168. Vasunilashorn SM, Guess J, Ngo L, Fick D, **Jones RN**, Schmitt EM, Kosar CM, Saczynski JS, Travison TG, Inouye SK, Marcantonio ER. Derivation and Validation of a Severity Scoring Method for the 3-Minute Diagnostic Interview for Confusion Assessment Method-Defined Delirium. *Journal of the American Geriatrics Society.* 2016;64(8):1684-1689.
169. Vasunilashorn SM, Marcantonio ER, Gou Y, Pisani MA, Travison TG, Schmitt EM, **Jones RN**, Inouye SK. Quantifying the Severity of a Delirium Episode Throughout Hospitalization: the Combined Importance of Intensity and Duration. *Journal of General Internal Medicine.* 2016;31(10):1164-1171.
170. Cavallari M, Dai W, Guttmann CRG, Meier DS, Ngo LH, Hshieh TT, Fong TG, Schmitt E, Press DZ, Travison TG, Marcantonio ER, **Jones RN**, Inouye SK, Alsup DC. Longitudinal diffusion changes following postoperative delirium in older people without dementia. *Neurology.* 2017;89(10):1020-1027.
171. Cizginer S, Marcantonio E, Vasunilashorn S, Pascual-Leone A, Shafi M, Schmitt EM, Inouye SK, **Jones RN**. The cognitive reserve model in the development of delirium: The successful aging after elective surgery study. *J Geriatr Psychiatry Neurol.* 2017;30(6):337-345.
172. Devore E, Fong T, Marcantonio E, Schmitt E, Travison T, **Jones RN**, Inouye S. Prediction of long-term cognitive decline following postoperative delirium in older adults. *Journal of Gerontology: Medical Sciences.* 2017;72(12):1697-1702.
173. Dharmarajan K, Swami S, Gou RY, **Jones RN**, Inouye SK. Pathway from Delirium to Death: Potential In-Hospital Mediators of Excess Mortality. *Journal of the American Geriatrics Society.* 2017;65(5):1026-1033.
174. Dillon ST, Vasunilashorn SM, Ngo L, Otu HH, Inouye SK, **Jones RN**, Alsup DC, Kuchel GA, Metzger ED, Arnold SE. Higher C-Reactive Protein Levels Predict Postoperative Delirium in Older Patients Undergoing Major Elective Surgery: A Longitudinal Nested Case-Control Study. *Biol Psychiatry.* 2017;81(2):145-153.

175. Fick DM, Auerbach AD, Avidan MS, Busby-Whitehead J, Ely EW, **Jones RN**, Marcantonio ER, Needham DM, Pandharipande P, Robinson TN. Network for Investigation of Delirium Across the US (NIDUS): Advancing the Field of Delirium with a New Interdisciplinary Research Network. *J Gerontol Nurs.* 2017;43(5):4-6.
176. Fick DM, Auerbach AD, Avidan MS, Busby-Whitehead J, Ely EW, **Jones RN**, Marcantonio ER, Needham DM, Pandharipande P, Robinson TN, Schmitt EM, Trivison TG, Inouye SKI. Network for Investigation of Delirium across the U.S.: Advancing the Field of Delirium with a New Interdisciplinary Research Network. *Journal of the American Geriatrics Society.* 2017;65(10):2158-2160.
177. Geraci T, Baratta V, Young J, Milman S, Dunican AM, **Jones RN**, Ng T. Lobectomy for Lung Cancer at Veterans Administration Medical Center Versus Academic Medical Center. *Ann Thorac Surg.* 2017;103(6):1715-1722.
178. Harrison AJ, Long KA, Tommet DC, **Jones RN**. Examining the Role of Race, Ethnicity, and Gender on Social and Behavioral Ratings Within the Autism Diagnostic Observation Schedule. *J Autism Dev Disord.* 2017;47(9):1-13.
179. Hohman TJ, Tommet D, Marks S, Contreras J, **Jones R**, Mungas D, Initiative AsN. Evaluating Alzheimer's disease biomarkers as mediators of age-related cognitive decline. *Neurobiology of aging.* 2017;58:120-128.
180. Hshieh TT, Dai W, Cavallari M, Guttmann CR, Meier DS, Schmitt EM, Dickerson BC, Press DZ, Marcantonio ER, **Jones RN**. Cerebral blood flow MRI in the nondemented elderly is not predictive of post-operative delirium but is correlated with cognitive performance. *J Cereb Blood Flow Metab.* 2017;37(4):1386-1397.
181. Miller IW, Camargo CA, Jr., Arias SA, Sullivan AF, Allen MH, Goldstein AB, Manton AP, Espinola JA, **Jones R**, Hasegawa K, Boudreaux ED, Investigators E-S. Suicide Prevention in an Emergency Department Population: The ED-SAFE Study. *JAMA Psychiatry.* 2017;74(6):563-570.
182. Ngo LH, Inouye SK, **Jones RN**, Trivison TG, Libermann TA, Dillon ST, Kuchel GA, Vasunilashorn SM, Alsop DC, Marcantonio ER. Methodologic considerations in the design and analysis of nested case-control studies: association between cytokines and postoperative delirium. *BMC Med Res Methodol.* 2017;17(1):88.
183. Ott BR, **Jones RN**, Noto RB, Yoo DC, Snyder PJ, Bernier JN, Carr DB, Roe CM. Brain amyloid in preclinical Alzheimer's disease is associated with increased driving risk. *Alzheimers & Dementia: Diagnosis, Assessment & Disease Monitoring.* 2017;6:136-142.
184. Pisani MA, Albuquerque A, Marcantonio ER, **Jones RN**, Gou RY, Fong TG, Schmitt EM, Tommet D, Aizpurua III, Alsop DC. Hospital Readmission is Associated with both Acute and Sustained Delays in Functional Recovery during the 18 Months Following Elective Surgery: The SAGES Study. *Journal of the American Geriatrics Society.* 2017;65(1):51.
185. Pisani MA, Albuquerque A, Marcantonio ER, **Jones RN**, Gou RY, Fong TG, Schmitt EM, Tommet D, Isaza Aizpurua II, Alsop DC. Association Between Hospital Readmission and Acute and Sustained Delays in Functional Recovery During 18 Months After Elective Surgery: The Successful Aging after Elective Surgery Study. *Journal of the American Geriatrics Society.* 2017;65(1):51-58.

186. Racine AM, Fong TG, Trivison TG, **Jones RN**, Gou Y, Vasunilashorn SM, Marcantonio ER, Alsop DC, Inouye SK, Dickerson BC. Alzheimer's-related cortical atrophy is associated with postoperative delirium severity in persons without dementia. *Neurobiol Aging*. 2017;59:55-63.
187. van der Leeuw G, Leveille SG, **Jones RN**, Hausdorff JM, McLean R, Kiely DK, Gagnon M, Milberg WP. Measuring attention in very old adults using the Test of Everyday Attention. *Aging, Neuropsychology, and Cognition*. 2017;24(5):543-554.
188. Vasunilashorn SM, Dillon ST, Inouye SK, Ngo LH, Fong TG, **Jones RN**, Trivison TG, Schmitt EM, Alsop DC, Freedman SD. High C-Reactive Protein Predicts Delirium Incidence, Duration, and Feature Severity After Major Noncardiac Surgery. *Journal of the American Geriatrics Society*. 2017;65(8):e109-e116.
189. Xu M, Ouyang Q, Gong J, Pescosolido MF, Pruett BS, Mishra S, Schmidt M, **Jones RN**, Uzun EDG, Lizarraga SB. Mixed neurodevelopmental and neurodegenerative pathology in Nhe6-null mouse model of Christianson syndrome. *eNeuro*. 2017;4(6):ENEURO. 0388-0317.2017.
190. Duarte-Velez Y, **Jones RN**, Spirito A. Understanding Suicidal Ideation in Latino/a Adolescents Living in Puerto Rico. *Arch Suicide Res*. 2018;22(4):569-583.
191. Fehnel CR, Glerum KM, Wendell LC, Potter NS, Silver B, Khan M, Saad A, Yaghi S, **Jones RN**, Furie K, Thompson BB. Safety and Costs of Stroke Unit Admission for Select Acute Intracerebral Hemorrhage Patients. *Neurohospitalist*. 2018;8(1):12-17.
192. Gross AL, Chu N, Anderson L, Glymour MM, **Jones RN**, Coalition Against Major Diseases. Do people with Alzheimer's disease improve with repeated testing? Unpacking the role of content and context in retest effects. *Age Ageing*. 2018;47(6):866-871.
193. Gross AL, Payne BR, Casanova R, Davoudzadeh P, Dzierzewski JM, Farias S, Giovannetti T, Ip EH, Marsiske M, Rebok GW, Schaie KW, Thomas K, Willis S, **Jones RN**. The ACTIVE conceptual framework as a structural equation model. *Exp Aging Res*. 2018;44(1):1-17.
194. Gross AL, Tommet D, D'Aquila M, Schmitt E, Marcantonio ER, Helfand B, Inouye SK, **Jones RN**, Basil Study Group. Harmonization of delirium severity instruments: a comparison of the DRS-R-98, MDAS, and CAM-S using item response theory. *BMC Med Res Methodol*. 2018;18(1):92.
195. Ott BR, **Jones RN**, Daiello LA, de la Monte SM, Stopa EG, Johanson CE, Denby C, Grammas P. Blood-Cerebrospinal Fluid Barrier Gradients in Mild Cognitive Impairment and Alzheimer's Disease: Relationship to Inflammatory Cytokines and Chemokines. *Front Aging Neurosci*. 2018;10:245.
196. Racine AM, D'Aquila M, Schmitt EM, Gallagher J, Marcantonio ER, **Jones RN**, Inouye SK, Schulman-Green D, Group BS. Delirium Burden in Patients and Family Caregivers: Development and Testing of New Instruments. *Gerontologist*. 2018.
197. Racine AM, Fong TG, Gou Y, Trivison TG, Tommet D, Erickson K, **Jones RN**, Dickerson BC, Metzger E, Marcantonio ER, Schmitt EM, Inouye SK. Clinical outcomes in older surgical patients with mild cognitive impairment. *Alzheimer's & dementia : the journal of the Alzheimer's Association*. 2018;14(5):590-600.

198. Racine AM, Gou Y, Fong TG, Marcantonio ER, Schmitt EM, Trivison TG, Inouye SK, **Jones RN**. Correction for retest effects across repeated measures of cognitive functioning: a longitudinal cohort study of postoperative delirium. *BMC Med Res Methodol*. 2018;18(1):69.
199. Reznik ME, Yaghi S, Jayaraman MV, McTaggart RA, Hemendinger M, Mac Grory BC, Burton TM, Cutting SM, Thompson BB, Wendell LC, Mahta A, Potter NS, Daiello LA, Kosar CM, **Jones RN**, Furie KL. Level of consciousness at discharge and associations with outcome after ischemic stroke. *Journal of the neurological sciences*. 2018;390:102-107.
200. Selles RR, Franklin M, Sapyta J, Compton SN, Tommet D, **Jones RN**, Garcia A, Freeman J. Children's and Parents' Ability to Tolerate Child Distress: Impact on Cognitive Behavioral Therapy for Pediatric Obsessive Compulsive Disorder. *Child Psychiatry Hum Dev*. 2018;49:308-316.
201. Vasunilashorn SM, Fong TG, Albuquerque A, Marcantonio ER, Schmitt EM, Tommet D, Gou Y, Trivison TG, **Jones RN**, Inouye SK. Delirium Severity Post-Surgery and its Relationship with Long-Term Cognitive Decline in a Cohort of Patients without Dementia. *Journal of Alzheimer's disease : JAD*. 2018;61(1):347-358.
202. Young J, Geraci T, Milman S, Maslow A, **Jones RN**, Ng T. Risk factors for reinsertion of urinary catheter after early removal in thoracic surgical patients. *J Thorac Cardiovasc Surg*. 2018;156(1):430-435.
203. Arias SA, Boudreaux ED, Chen E, Miller I, Camargo CA, Jr., **Jones RN**, Uebelacker L. Which Chart Elements Accurately Identify Emergency Department Visits for Suicidal Ideation or Behavior? *Arch Suicide Res*. 2019;23(3):382-390.
204. Belanger E, Thomas KS, **Jones RN**, Epstein-Lubow G, Mor V. Measurement validity of the Patient-Health Questionnaire-9 in US nursing home residents. *Int J Geriatr Psychiatry*. 2019;34(5):700-708.
205. Daiello LA, Racine AM, Gou RY, Marcantonio ER, Xie Z, Kunze LJ, Vlassakov KV, Inouye SK, **Jones RN**. Postoperative Delirium and Postoperative Cognitive Dysfunction Overlap and Divergence. *Anesthesiology: The Journal of the American Society of Anesthesiologists*. 2019;131(3):477-491.
206. Filshtein TJ, Brenowitz WD, Mayeda ER, Hohman TJ, Walter S, **Jones RN**, Elahi FM, Glymour MM. Reserve and Alzheimer's disease genetic risk: Effects on hospitalization and mortality. *Alzheimer's & dementia : the journal of the Alzheimer's Association*. 2019;15(7):907-916.
207. Fong TG, Racine AM, Fick DM, Tabloski P, Gou Y, Schmitt EM, Hsieh TT, Metzger E, Bertrand SE, Marcantonio ER, **Jones RN**, Inouye SK. The Caregiver Burden of Delirium in Older Adults With Alzheimer Disease and Related Disorders. *J Am Geriatr Soc*. 2019;67(12):2587-2592.
208. Hower H, Lee EJ, **Jones RN**, Birmaher B, Strober M, Goldstein BI, Merranko J, Keller MB, Goldstein TR, Weinstock LM, Dickstein DP, Hunt JI, Diler RS, Ryan ND, Gill MK, Axelson D, Yen S. Predictors of longitudinal psychosocial functioning in bipolar youth transitioning to adults. *J Affect Disord*. 2019;246:578-585.
209. Hsieh T, Vasunilashorn S, D'Aquila M, Arnold S, Dickerson B, Fong T, **Jones R**, Marcantonio E, Schmitt E, Xu G. The Role of Inflammation after Surgery for Elders

- (RISE) study: Study design, procedures, and cohort profile. *Alzheimer's & dementia* (Amsterdam, Netherlands). 2019;11:752-762.
210. Hshieh TT, Fong TG, Schmitt EM, Marcantonio ER, D'Aquila ML, Gallagher J, Xu G, Guo YR, Abrantes TF, Bertrand SE, **Jones RN**, Inouye SK, for the BSG. The Better Assessment of Illness Study for Delirium Severity: Study Design, Procedures, and Cohort Description. *Gerontology*. 2019;65(1):20-29.
211. Jelalian E, Jandasek B, Wolff JC, Seaboyer LM, **Jones RN**, Spirito A. Cognitive-behavioral therapy plus healthy lifestyle enhancement for depressed, overweight/obese adolescents: results of a pilot trial. *Journal of Clinical Child & Adolescent Psychology*. 2019;48(sup1):S24-S33.
212. **Jones RN**. Differential Item Functioning and its Relevance to Epidemiology. *Current Epidemiology Reports*. 2019;6(2):174-183.
213. **Jones RN**, Cizginer S, Pavlech L, Albuquerque A, Daiello LA, Dharmarajan K, Gleason LJ, Helfand B, Massimo L, Oh E, Okereke OI, Tabloski P, Rabin LA, Yue J, Marcantonio ER, Fong TG, Hshieh TT, Metzger ED, Erickson K, Schmitt EM, Inouye SK, Better Assessment of Illness Study Group. Assessment of instruments for measurement of delirium severity: A systematic review. *JAMA Intern Med*. 2019;179(2):231-239.
214. Lown B, Shin A, **Jones R**. Can Organizational Leaders Sustain Compassionate, Patient-Centered Care and Mitigate Burnout? *Journal of healthcare management/American College of Healthcare Executives*. 2019;64(6):398.
215. Mariano TY, Burgess FW, Bowker M, Kirschner J, van't Wout-Frank M, **Jones RN**, Halladay CW, Stein M, Greenberg BD. Transcranial direct current stimulation for affective symptoms and functioning in chronic low back pain: a pilot double-blinded, randomized, placebo-controlled trial. *Pain Medicine*. 2019;20(6):1166-1177.
216. Philip NS, Barredo J, Aiken E, Larson V, **Jones RN**, Shea MT, Greenberg BD, van't Wout-Frank M. Theta-Burst Transcranial Magnetic Stimulation for Posttraumatic Stress Disorder. *American Journal of Psychiatry*. 2019;176(11):appi. ajp. 2019.18101160.
217. Schmitt EM, Gallagher J, Albuquerque A, Tabloski P, Lee HJ, Gleason L, Weiner LS, Marcantonio ER, **Jones RN**, Inouye SK. Perspectives on the delirium experience and its burden: common themes among older patients, their family caregivers, and nurses. *The Gerontologist*. 2019;59(2):327-337.
218. Schulman-Green D, Schmitt EM, Fong TG, Vasunilashorn SM, Gallagher J, Marcantonio ER, Brown CHt, Clark D, Flaherty JH, Gleason A, Gordon S, Kolanowski AM, Neufeld KJ, O'Connor M, Pisani MA, Robinson TN, Verghese J, Wald HL, **Jones RN**, Inouye SK, Basil Study Group. Use of an expert panel to identify domains and indicators of delirium severity. *Qual Life Res*. 2019;28(9):2565-2578.
219. Stern Y, Barnes CA, Grady C, **Jones RN**, Raz N. Brain reserve, cognitive reserve, compensation, and maintenance: operationalization, validity, and mechanisms of cognitive resilience. *Neurobiology of Aging*. 2019;83:124-129.
220. Vasunilashorn SM, Ngo LH, Inouye SK, Fong TG, **Jones RN**, Dillon ST, Libermann TA, O'Connor M, Arnold SE, Xie Z. Apolipoprotein E genotype and the association between C-reactive protein and postoperative delirium: Importance of gene-protein interactions. *Alzheimer's & Dementia*. 2019.

221. Vasunilashorn SM, Ngo LH, **Jones RN**, Inouye SK, Hall KT, Gallagher J, Dillon ST, Xie Z, Libermann TA, Marcantonio ER. The Association Between C-Reactive Protein and Postoperative Delirium Differs by Catechol-O-Methyltransferase Genotype. *The American Journal of Geriatric Psychiatry*. 2019;27(1):1-8.
222. Walter S, Dufouil C, Gross AL, **Jones RN**, Mungas D, Filshtein TJ, Manly JJ, Arpawong TE, Glymour MM. Neuropsychological Test Performance and MRI Markers of Dementia Risk: Reducing Education Bias. *Alzheimer Dis Assoc Disord*. 2019;33(3):179-185.
223. Arias F, Chen F, Fong TG, Shiff H, Alegria M, Marcantonio ER, Gou Y, **Jones RN**, Trivison TG, Schmitt EM. Neighborhood-Level Social Disadvantage and Risk of Delirium Following Major Surgery. *Journal of the American Geriatrics Society*. 2020;in press(12):2863-2871.
224. Avila JF, Rentería MA, **Jones RN**, Vonk JM, Turney I, Sol K, Seblova D, Arias F, Hill-Jarrett T, Levy SA. Education differentially contributes to cognitive reserve across racial/ethnic groups. *Alzheimer's & Dementia*. 2020;17(1):70-80.
225. Benwell C, Davila-Pérez P, Fried P, **Jones R**, Trivison T, Santarnecchi E, Pascual-Leone A, Shafi M. EEG spectral power abnormalities and their relationship with cognitive dysfunction in patients with Alzheimer's disease and type 2 diabetes. *Neurobiology of aging*. 2020;85:83.
226. Choi S-E, Mukherjee S, Gibbons LE, Sanders RE, **Jones RN**, Tommet D, Mez J, Trittschuh EH, Saykin A, Lamar M, Rabin L, Foldi NS, Sikkes S, Jutten RJ, Grandoit E, Mac Donald C, Risacher S, Groot C, Ossenkoppele R, Alzheimer's Disease Neuroimaging I, Crane PK. Development and validation of language and visuospatial composite scores in ADNI. *Alzheimers Dement (N Y)*. 2020;6(1):e12072-e12072.
227. Fong TG, Vasunilashorn SM, Ngo L, Libermann TA, Dillon ST, Schmitt EM, Pascual-Leone A, Arnold SE, **Jones RN**, Marcantonio ER. Association of Plasma Neurofilament Light with Postoperative Delirium. *Annals of Neurology*. 2020;88(5):984-994.
228. Frazier EA, Hunt JI, Hower H, **Jones RN**, Birmaher B, Strober M, Goldstein BI, Keller MB, Goldstein TR, Weinstock LM. Correlates, Course, and Outcomes of Increased Energy in Youth with Bipolar Disorder. *J Affect Disord*. 2020;271:248-254.
229. Hshieh TT, Fong TG, Schmitt EM, Marcantonio ER, Xu G, Gou YR, Trivison TG, Metzger ED, **Jones RN**, Inouye SK. Does Alzheimer's Disease and Related Dementias Modify Delirium Severity and Hospital Outcomes? *Journal of the American Geriatrics Society*. 2020.
230. Jutten RJ, Grandoit E, Foldi NS, Sikkes SA, **Jones RN**, Choi SE, Lamar ML, Loudon DK, Rich J, Tommet D. Lower practice effects as a marker of cognitive performance and dementia risk: A literature review. *Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring*. 2020;12(1):e12055.
231. Keeney T, Belanger E, **Jones RN**, Joyce NR, Meyers DJ, Mor V. High-Need Phenotypes in Medicare Beneficiaries: Drivers of Variation in Utilization and Outcomes. *Journal of the American Geriatrics Society*. 2020;68(1):70-77.
232. Kobayashi LC, Gross AL, Gibbons LE, Tommet D, Sanders RE, Choi SE, Mukherjee S, Glymour MM, Manly JJ, Berkman LF, Crane PK, Mungas DM, **Jones RN**.

- You say tomato, I say radish: can brief cognitive assessments in the US Health Retirement Study be harmonized with its International Partner Studies? *J Gerontol B Psychol Sci Soc Sci.* 2020;in press.
233. Kraines MA, Uebelacker LA, Gaudiano BA, **Jones RN**, Beard C, Loucks EB, Brewer JA. An Adapted Delphi Approach: The Use of an Expert Panel to Operationally Define Non-Judgment of Internal Experiences as it Relates to Mindfulness. *Complementary Therapies in Medicine.* 2020:102444.
234. Langa K, Ryan L, McCammon R, **Jones RN**, Manly J, Levine DA, Sonnega A, Farron M, Weir D. The Health and Retirement Study Harmonized Cognitive Assessment Protocol (HCAP) Project: Study Design and Methods. *Neuroepidemiology.* 2020;54(1):64-74.
235. Lee E, Hower H, **Jones R**, Birmaher B, Strober M, Goldstein B, Merranko J, Keller M, Goldstein T, Weinstock L. Course of longitudinal psychosocial functioning in bipolar youth transitioning to adults. *J Affect Disord.* 2020;268:109-117.
236. Lindroth H, Khan BA, Carpenter JS, Gao S, Perkins AJ, Khan SH, Wang S, **Jones RN**, Boustani MA. Delirium Severity Trajectories and Outcomes in ICU Patients: Defining a Dynamic Symptom Phenotype. *Ann Am Thorac Soc.* 2020.
237. Oh ES, Akeju O, Avidan MS, Cunningham C, Hayden KM, **Jones RN**, Khachaturian AS, Khan BA, Marcantonio ER, Needham DM. A roadmap to advance delirium research: Recommendations from the NIDUS Scientific Think Tank. *Alzheimer's & Dementia.* 2020;16(5):726-733.
238. Philip NS, Barredo J, Aiken E, Larson V, **Jones RN**, Shea MT, Greenberg BD, van't Wout-Frank M. Informing Further Research in the Use of Brain Stimulation in Psychiatric Disorders: Response to Syed and Smith. *American Journal of Psychiatry.* 2020;177(5):466-467.
239. Reznik ME, Daiello LA, Thompson BB, Wendell LC, Mahta A, Potter NS, Yaghi S, Levy MM, Fehnel CR, Furie KL, **Jones RN**. Fluctuations of consciousness after stroke: Associations with the confusion assessment method for the intensive care unit (CAM-ICU) and potential undetected delirium. *J Crit Care.* 2020;56:58-62.
240. Reznik ME, Drake J, Margolis SA, Moody S, Murray K, Costa S, Mahta A, Wendell LC, Thompson BB, Rao SS, Barrett AM, Boukrina O, Daiello LA, Asaad WF, Furie KL, **Jones RN**. Deconstructing Poststroke Delirium in a Prospective Cohort of Patients With Intracerebral Hemorrhage. *Crit Care Med.* 2020;48(1):111-118.
241. Reznik ME, Moody S, Murray K, Costa S, Grory BM, Madsen TE, Mahta A, Wendell LC, Thompson BB, Rao SS, Stretz C, Sheth KN, Hwang DY, Zahuranec DB, Schrag M, Daiello LA, Asaad WF, **Jones RN**, Furie KL. The impact of delirium on withdrawal of life-sustaining treatment after intracerebral hemorrhage. *Neurology.* 2020;95(20):e2727-e2735.
242. Thompson LI, **Jones RN**. Depression screening in cognitively normal older adults: Measurement bias according to subjective memory decline, brain amyloid burden, cognitive function, and sex. *Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring.* 2020;12(1):e12107.
243. Vasunilashorn SM, Schulman Green D, Tommet D, Fong TG, Hshieh TT, Marcantonio ER, Metzger ED, Schmitt EM, Tabloski PA, Trivison TG, Gou Y, Helfand

- B, Inouye SK, **Jones RN**, the BASIL Study Team. New delirium severity indicators: generation and internal validation in the Better Assessment of Illness (BASIL) study. *Dement Geriatr Cogn Disord*. 2020;49:77-90.
244. Al Hazzouri AZ, Zhang L, Murchland AR, Grasset L, Torres JM, **Jones RN**, Wong R, Glymour MM. Quantifying lifecourse drivers of international migration: A cross-national analysis of Mexico and the US. *Epidemiology*. 2021;32(1):50-60.
245. Fong TG, Vasunilashorn SM, Gou Y, Libermann TA, Dillon S, Schmitt E, Arnold SE, Kivisäkk P, Carlyle B, Oh ES. Association of CSF Alzheimer's disease biomarkers with postoperative delirium in older adults. *Alzheimer's & Dementia: Translational Research & Clinical Interventions*. 2021;7(1):e12125.
246. Gou RY, Hshieh TT, Marcantonio ER, Cooper Z, **Jones RN**, Trivison TG, Fong TG, Abdeen A, Lange J, Earp B. One-year Medicare costs associated with delirium in older patients undergoing major elective surgery. *JAMA surgery*. 2021;156(5):430-442.
247. Helfand B, D'Aquila M, Tabloski P, Erickson K, Yue J, Fong T, Hshieh T, Metzger E, Schmitt E, Boudreaux ED, Inouye S, **Jones RN**. Detecting delirium: A systematic review of identification instruments for non-ICU settings. *Journals of the American Geriatrics Society*. 2021;69(2):547-555.
248. Helfand BKI, Detroyer E, Milisen K, Adamis D, Metzger E, Boudreaux ED, Inouye SK, **Jones RN**. Harmonization of four delirium instruments: creating crosswalks and the delirium item bank (DEL-IB). under review. 2021.
249. **Jones RN**, Tommet D, Steingrimsson J, Racine AM, Fong TG, Gou Y, Hshieh TT, Metzger ED, Schmitt EM, Tabloski PA, Trivison TG, Vasunilashorn SM, Abdeen A, Earp B, Kunze L, Lange J, Vlassakov K, Dickerson BC, Marcantonio ER, Inouye SK. Development and internal validation of a predictive model of cognitive decline 36 months following elective surgery. *Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring*. 2021;in press.
250. Kavanaugh BC, Schreppe CA, **Jones RN**, Best CR, Sheinkopf SJ, Morrow EM. Moderators of Age of Diagnosis in > 20,000 Females with Autism in Two Large US Studies. *J Autism Dev Disord*. 2021:1-6.
251. Kim DS, **Jones RN**, Shireman TI, Kluger BM, Friedman JH, Akbar U. Trends and outcomes associated with gastrostomy tube placement in common neurodegenerative disorders. *Clinical Parkinsonism & Related Disorders*. 2021;4:100088.
252. Lizarraga SB, Ma L, Maguire AM, van Dyck LI, Wu Q, Ouyang Q, Kavanaugh BC, Nagda D, Livi LL, Pescosolido MF, Schmidt M, Alabi S, Cowen MH, Brito-Vargas P, Hoffman-Kim D, Gamsiz Uzun ED, Schlessinger A, **Jones RN**, Morrow EM. Human neurons from Christianson syndrome iPSCs reveal mutation-specific responses to rescue strategies. *Science Translational Medicine*. 2021;13(580).
253. McLaughlin NCR, Dougherty DD, Eskandar E, Ward H, Foote KD, Malone DA, Machado A, Wong W, Sedrak M, Goodman W, Kopell BH, Issa F, Shields DC, Abulseoud OA, Lee K, Frye MA, Widge AS, Deckersbach T, Okun MS, Bowers D, Bauer RM, Mason D, Kubu CS, Bernstein I, Lapidus K, Rosenthal DL, Jenkins RL, Read C, Malloy PF, Salloway S, Strong DR, **Jones RN**, Rasmussen SA, Greenberg BD. Double blind randomized controlled trial of deep brain stimulation for obsessive-

compulsive disorder: Clinical trial design. *Contemporary Clinical Trials Communications*. 2021;100785.

254. Racine A, Tommet D, D'Aquila M, Fong T, Gou Y, Tabloski P, Metzger E, Hshieh T, Schmitt E, Vasunilashorn S, Kunze L, Vlassakov K, Abdeen A, Lange J, Earp B, Dickerson B, Marcantonio E, Steingrimsson J, Trivison T, Inouye S, **Jones R**, The RISE study group. Machine learning to develop and internally validate a predictive model for post-operative delirium in a prospective, observational clinical cohort study of older surgical patients. *Journal of General Internal Medicine*. 2021;36(2):265-273.

255. Reznik ME, Kalagara R, Moody S, Drake J, Margolis SA, Cizginer S, Mahta A, Rao SS, Stretz C, Wendell LC, Thompson BB, Asaad WF, Furie KL, **Jones RN**, Daiello LA. Common biomarkers of physiologic stress and associations with delirium in patients with intracerebral hemorrhage. *J Crit Care*. 2021; in press.

256. Teresi JA, Wang C, Kleinman M, **Jones RN**, Weiss DJ. Differential Item Functioning Analyses of the Patient-Reported Outcomes Measurement Information System (PROMIS®) Measures: Methods, Challenges, Advances, and Future Directions. *Psychometrika*. 2021;in press:1-38.

OTHER PEER-REVIEWED PUBLICATIONS

1. Unverzagt FW, Smith DM, Rebok GW, Marsiske M, Morris JN, **Jones RN**, Willis SL, Ball K, King JW, Koepke KM, Stoddard A, Tennstedt SL. The Indiana Alzheimer Disease Center's Symposium on Mild Cognitive Impairment. Cognitive Training in Older Adults: Lessons from the ACTIVE Study. *Curr Alzheimer Res*. 2009;6(4):375-83.

2. Liu S, **Jones RN**, Glymour M. Implications of lifecourse epidemiology for research on determinants of adult disease. *Public Health Rev*. 2010;32(2):489-511.

3. **Jones RN**, Manly J, Glymour MM, Rentz DM, Jefferson AL, Stern Y. Conceptual and Measurement Challenges in Research on Cognitive Reserve. *J Int Neuropsychol Soc*. 2011;17(4):593-601.

4. Mungas D, Crane PK, Gibbons LE, Manly JJ, Glymour MM, **Jones RN**. Advanced psychometric analysis and the Alzheimer's Disease Neuroimaging Initiative: reports from the 2011 Friday Harbor conference. *Brain Imaging and Behavior*. 2012;6(4):485-8.

5. Templin TN, Hays RD, Gershon RC, Rothrock N, **Jones RN**, Teresi JA, Stewart A, Weech-Maldonado R, Wallace S. Introduction to patient-reported outcome item banks: issues in minority aging research. Expert review of pharmacoeconomics & outcomes research. 2013;13(2):183-6.

6. **Jones RN**. Practice and retest effects in longitudinal studies of cognitive functioning. *Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring*. 2015;1(1):101.

7. Fong TG, Inouye SK, **Jones RN**. Delirium, Dementia, and Decline. *JAMA Psychiatry*. 2017;3(3):212-3.

8. Shafi, M. M., Santarnecchi, E., Fong, T. G., Jones, R. N., Marcantonio, E. R., Pascual-Leone, A., & Inouye, S. K. (2017). Advancing the neurophysiological understanding of delirium. *Journal of the American Geriatrics Society*, 65(6), 1114-1118.

9. Fick DM, Auerbach AD, Avidan MS, Busby-Whitehead J, Ely EW, **Jones RN**, Marcantonio ER, Needham DM, Pandharipande P, Robinson TN. Network for

Investigation of Delirium Across the US (NIDUS): Advancing the Field of Delirium with a New Interdisciplinary Research Network. *J Gerontol Nurs.* 2017;43(5):4-6.

10. Fick DM, Auerbach AD, Avidan MS, Busby-Whitehead J, Ely EW, **Jones RN**, Marcantonio ER, Needham DM, Pandharipande P, Robinson TN, Schmitt EM, Trivison TG, Inouye SKI. Network for Investigation of Delirium across the U.S.: Advancing the Field of Delirium with a New Interdisciplinary Research Network. *J Am Geriatr Soc.* 2017.

11. Jones, R.N., Cognitive Training Improves Cognitive Performance, but What Else? *Journal of the American Geriatrics Society*, 2018. 66(4): p. 648-649.

BOOKS AND BOOK CHAPTERS

1. **Jones RN**. Data Analysis Issues. In: Lipsitz L, Bernard M, Chernoff R, Connelly C, Evans L, Foreman M, Hanlon J, Kuchel G, Wieland D, Studenski S, editors. *Multidisciplinary Guidebook for Clinical Geriatric Research*. Washington, D.C.: The Gerontological Society of America; 2006. p. 63-87.

2. Hirdes J, Curtin-Telegdi N, Mathias, Krista , Perlman CM, Saarela T, Kolbeinsson H, Valdimarsdottir R, Morris JN, Fries BE, Rabinowitz T, Martin L, Barbaree H, Brown GP, Stewart S, Smith TF, **Jones RN**, Baas R. *interRAI Mental Health Clinical Assessment Protocols (CAPs), 9.1: interRAI*; 2008.

3. **Jones R**. Latent growth curve models. In: Newsom J, N JR, Hofer S, editors. *Longitudinal data analysis: A practical guide for researchers in aging, health, and social sciences*. New York: Routledge; 2011. p. 271-90.

4. Newsom J, N JR, Hofer S. *Longitudinal data analysis: A practical guide for researchers in aging, health, and social sciences*. New York: Routledge; 2011. 271-90 p.

5. Teresi JA, **Jones RN**. Bias in psychological assessment and other measures. In: Geisinger K, Bracken B, Carlson J, Hansen J-I, Kuncel N, Reise S, Rodriguez M, editors. *APA handbook of testing and assessment in psychology, Vol 1: Test theory and testing and assessment in industrial and organizational psychology* APA handbooks in psychology. Washington, DC: American Psychological Association; 2013. p. 139-64.

OTHER NON-PEER-REVIEWED PUBLICATIONS

1. Kiely DK, **Jones RN**, Bergmann MA, Marcantonio ER. Delirium and functional recovery in elderly patients - Authors' response to letter by Speciale et al. *Journals of Gerontology Series a-Biological Sciences and Medical Sciences*. 2007;62(1):108.

2. Marcantonio ER, Bergmann MA, Kiely DK, Orav EJ, **Jones RN**. EFFECTIVE TREATMENT OF DELIRIUM IS DIFFICULT BUT NOT IMPOSSIBLE RESPONSE. *J Am Geriatr Soc.* 2011;59(1):168-9.

3. Marcantonio ER, Saczynski JS, **Jones RN**. Cognitive Trajectories after Postoperative Delirium REPLY. *N Engl J Med.* 2012;367(12):1164-5.

4. Cavallari M, Guttmann CRG, **Jones RN**, Inouye SK, Alsop DC, Grp SS. Reply: Neural substrates of vulnerability to post-surgical delirium with prospective diagnosis. *Brain.* 2016;139(Pt 10):e55.

5. Cieza A, Oberhauser C, Bickenbach J, **Jones RN**, Uestuen TB, Kostanjsek N, Morris JN, Chatterji S. Health is not just the absence of disease. *Int J Epidemiol*. 2016;45(2):586-7.
6. Fong TG, Inouye SK, **Jones RN**. Delirium, Dementia, and Decline. *JAMA Psychiatry*. 2017;74(3):212-213.
7. **Jones RN**. Cognitive Training Improves Cognitive Performance, but What Else? *J Am Geriatr Soc*. 2018;66(4):648-649.
8. Hayden KM, Inouye SK, Cunningham C, **Jones RN**, Avidan M, Davis D, Kuchel G, Khachaturian AS. Reduce the burden of dementia now. *Alzheimer's & Dementia*. 2018;14(7):845-847.

CORPORATE AUTHORSHIP OR MULTICENTER TRIALS

1. AGS/NIA Delirium Conference Writing Group Planning Committee and Faculty. The American Geriatrics Society/National Institute on Aging Bedside-to-Bench Conference: Research Agenda on Delirium in Older Adults. *J Am Geriatr Soc.* 2015;63(5):843-52. (*presenter*)

SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

NON-PEER-REVIEWED

Latent Variable Methods Workshop

This is a website designed to provide information on upcoming workshops, as well as distribute all slides, handouts, data, and syntax used in previous latent variable methods workshops. Every summer we hold a three day workshop providing an introduction to latent variable data analysis.

<https://sites.google.com/site/lvmworkshop/>

QSP Workflow

This is a website devoted to distributing and discussing best practices for workflow in applied data analysis. Content is contributed by my working group at HSL/IFAR. We provide information on applied data analysis and workflow using Stata, R, Mplus, LaTeX, GraphViz, and other tools.

<https://sites.google.com/site/ifarwf/>

Phi Coefficient. Wikipedia entry. http://en.wikipedia.org/wiki/phi_coefficient

runmplus

runmplus is software for wrapping Mplus (Los Angeles, CA) within Stata (College Station, TX). The software is in the public domain (meaning it is freely distributed, not protected by copyright, and users may freely download, use, and modify). It is published in the Statistical Software Components (SSC) archive provided by the Research Papers in Economics (REPEC) archive at Boston College. The software is also distributed freely from my short course web site. I do not keep a record of users. Based on support and feature requests I know that runmplus has an international user base. The software streamlines the estimation of complex models using Mplus by facilitating data preparation and by including an output interpreter.

Jones, R. N. (2010). RUNMPLUS: Stata module to set up data for Mplus (Version S457154): Boston College Department of Economics. Retrieved from <http://ideas.repec.org/c/boc/bocode/s457154.html>

INVITED PRESENTATIONS

LOCAL

1. Applications of Modern Measurement in the Epidemiology of Aging / Invited Lecture Social Epidemiology Journal Club, Harvard School of Public Health, Department of Society, Health and Human Development (2006)
2. Latent Variable Modeling of Cognitive Reserve / Grand Rounds Beth Israel Deaconess Medical Center, Department of Medicine (2009)
3. Measurement and Methodology in Late Life Depression / Invited Lecture Harvard Medical School, Catalyst (2009)
4. Measurement Theory Considerations in Health Care Quality Assessment / Center for Gerontology and Healthcare Research, Brown University (2010)
5. Neuropsychological Profiles in Alzheimer's Disease and Cerebral Infarction: A Longitudinal MIMIC Model / Invited Lecture Harvard School of Public Health, Catalyst Biostatistics Seminar (2011)
6. Screening for Delirium: Applications of Item Response Theory in Deriving a New Tool / Invited Lecture (2011)
7. Anesthesia Grand Rounds, Brigham and Women's Hospital, Boston MA (2011)
8. The importance of reliability. November 9, 2018. CAS Rounds. Brown University School of Public Health

NATIONAL

1. Race/ethnicity and Late-Life Cognitive Function: A Study of Item Bias in the AHEAD Telephone Interview for Cognitive Status / Invited Lecture. University of Michigan, Institute for Social Research, Ann Arbor MI. 2001.
2. Applications of Psychometric Modeling in Research on Mental Health and Aging / Invited Lecture. Columbia University, Stroud Center for the Quality of Life. 2002.
3. Some approaches to longitudinal data analysis / Invited Pre-Conference Workshop. Gerontological Society of America, Boston MA. 2002.
4. Modern Measurement and the Assessment of Adult Cognitive Function / Invited Lecture. National Institutes of Health, National Institute on Aging, Intramural Research Program, Baltimore MD. 2003.
5. Applications of Item Response Theory in Aging Research / Invited Lecture. Yale Program on Aging and Claude D. Pepper Center for Older Americans Independence Center, New Haven CT. 2003.
6. Applications of Modern Measurement Techniques in Research on Mental Health and Aging / Invited Lecture. NIMH Advanced Center for Interventions and Services Research (ACISR): Depression and Aging, Department of Psychiatry, University of Pennsylvania, Philadelphia PA. 2004.
7. Unidimensionality: Issues and Implications in Applied Research / Invited Lecture. Advanced Psychometrics Workshop, University of Washington, Friday Harbor WA. 2004.

8. Longitudinal Data Analysis Using Mplus / Invited Lecture. Advanced Psychometrics Workshop, University of Washington, Friday Harbor WA. 2004.
9. Detecting Differential Item Functioning using Mplus/MIMIC Modeling / Invited Lecture. Advanced Psychometrics Workshop, University of Washington, Friday Harbor WA. 2004.
10. Approaches for Developing/Adapting Health-Related Concepts and Measures in Diverse Older Populations / Invited Lecture Pre-Conference Workshop. NIA Resource Centers for Minority Aging Research, Gerontological Society of America, Orlando FL. 2005.
11. IRT – Approaches to Measurement Using Mplus / Invited Lecture. Advanced Psychometrics Workshop, University of Washington, Friday Harbor WA. 2005.
12. Using the MIMIC Model to Detect Differential Item Functioning / Invited Lecture. Advanced Psychometrics Workshop, University of Washington, Friday Harbor WA. 2006.
13. Latent Growth Curve Models for Longitudinal Data Analysis using Mplus / Invited Lecture. Advanced Psychometrics Workshop, University of Washington, Friday Harbor WA. 2006.
14. Applications of Modern Measurement in the Epidemiology of Cognitive Aging / Invited Lecture. Cognitive Neuroscience Seminar, Taub Institute for Research on Alzheimer's Disease and the Aging Brain. Gertrude H. Sergievsky Center, Columbia University College of Physicians and Surgeons, New York. 2006.
15. Multivariate Models in Aging Research: An Mplus Primer / Invited Lecture. Yale University Program on Aging, New Haven CT. 2008.
16. Structural Equations Modeling Approach to Measurement Noninvariance and Differential Item Functioning Detection / Invited Lecture. University of Washington, Quality of Life and Biobehavioral Cancer Prevention and Control Training Program, Seattle WA. 2009.
17. Latent Variable Modeling of Cognitive Reserve / Invited Lecture. Alzheimer's Disease Research Centers Core Directors Meeting, Baltimore MD. 2009.
18. Latent Variable Modeling of Cognitive Reserve / Invited Lecture. Advanced Psychometrics Workshop, University of Washington, Friday Harbor WA. 2009.
19. Screening for Delirium: Applications of Item Response Theory in Deriving a New Tool / Invited Lecture. University of Washington, Seattle WA. 2009.
20. Longitudinal DIF in Physical Function Items. Detection using Multiple Group Structural Equation Modeling / Invited Lecture. PROMIS Psychometrics Summit III , Chicago IL. 2010.
21. Impact of DIF in CAT: A Simulation Study using the PROMIS Depression Item Bank / Invited Lecture. PROMIS Psychometrics Summit IV, Airlie VA. 2011.
22. Individual Assessments of Cognitive Change. Committee on the Public Health Dimensions of Cognitive Aging, Institute of Medicine, National Academy of Sciences. Washington, DC. April 10, 2014
23. (Mis-) Measurement of reserve. Cognitive Aging Summit III. National Institutes of Health, National Institute of Aging, April 6, 2017

24. Research on cognitive reserve. Reserve & Resilience Summit. National Institutes of Health, National Institute of Aging, September 10, 2019
25. Development and validation of tools for delirium research: Key Concepts. NIDUS/CEDARTREE 8th Annual Delirium Boot Camp. October 29, 2020, State College PA

INTERNATIONAL

1. An Overview of Structural Equation Modeling in Cognitive Aging Research / Pre-conference workshop (International Neuropsychological Society). 2011.
2. Applications of item response theory in the measurement of physical disability. Joint Statistical Meetings; August 7, 2013; Montreal, Quebec, Canada.
3. Harmonizing Measurements Across Studies of Dementia and Cognitive Aging. Alzheimer's Association International Conference, Data and Data Analytics Professional Interest Area Scientific Symposium, July 23, 2016, Toronto Ontario CANADA.
4. Item Analysis Project. Alzheimer's Association International Conference, Subjective Cognitive Decline Professional Interest Area Scientific Symposium, July 23, 2016, Toronto Ontario CANADA.
5. Cross-national Harmonization of Mental Status and Cognitive Performance Data: Suitability for Comparative Epidemiologic Research. Inserm Workshop: Recent Developments in Analysis of Patient-Reported Outcomes and Psychometric Data in Health. May 21, 2019, Bordeaux, France

GRANTS

Past

- 1997-2001 **TLC Telephone System for Alzheimer's Family Caregivers (Mahoney, DF)**
U01AG013255
Co-Investigator
The goal of this study was to evaluate a technology-based intervention to support family caregivers of patients with Alzheimer's disease.
- 2000 **Race, Ethnicity and Late-Life Cognitive Functioning (Jones, RN)**
R03 AG18690
Principal Investigator
The aim of this proposal was to conduct an item response theory (IRT) based item bias evaluation of cognitive assessments of very old persons. Item bias analyses were conducted to test the null hypotheses that, while holding constant group differences in underlying cognitive ability, the cognitive test items are (a) free from bias according to race/ethnicity, and (b) free from bias according to level of educational attainment.
- 2000-2006 **Trial to Reduce Delirium in Aged Post-Acute Patients (Marcantonio, ER)**
R01 AG017649
Co-Investigator
The goal of this study was to evaluate a cluster-randomized controlled trial for the amelioration of delirium among post-acute care patients.
- 2001-2006 **PROGRAM HEAL - Activating the Lives of Older Adults (Morris, JN)**
R01 AG017931
Co-Investigator
The goal of this project was to evaluate an applied intervention to promote activity among nursing home residents using community volunteers.
- 2002-2011 **Harvard Older Americans Independence Center (Lipsitz, LA)**
P60 AG008812
Core Director, Biostatistics and Evaluation Core
The goal of this project was to support pilot and developmental studies on the physiology of falls and functional limitations among older adults.
- 2003-2006 **ACTIVE Phase II: HRCA Field Site (Morris, JN)**
U01 NR004507
Co-Investigator
The goal of this study was to evaluate the effects of a randomized controlled trial of cognitive training programs for older adults at 5 years after intervention.
- 2003-2006 **Evaluation of the Massachusetts Extended Care Career Ladder Initiative (Jones, RN)**
Commonwealth Corporation, Massachusetts
Principal Investigator

The goal of this study was to evaluate the impact of the Commonwealth Corporation's Extended Care Career Ladder Initiative using administrative data.

- 2003-2004 **Aging and Course of Depressive Symptoms (Jones, RN)**
R03 AG021153
Principal Investigator
The aim of this study was to evaluate age changes in depressive symptoms over a wide age range (50+) and to evaluate sex and race/ethnicity differences in depressive symptom trajectories.
- 2004-2009 **The CASCADE Study: End-of-Life in Advanced Dementia (Mitchell, SL)**
R01 AG024091
Co-Investigator
The goal of this study was to describe the natural course and family decision making at the end-of-life for patients with advanced dementia.
- 2004-2010 **HRCA/Harvard Research Nursing Home (Lipsitz, LA)**
P01 AG0004390
Core Director, Data Management and Analysis Core
The goal of this project was to mount a prospective community-based study of older persons and their experiences and risks for falls.
- 2005-2006 **Delirium and Survival in Post-Acute Care (Jones, RN)**
R03 AG025262
Principal Investigator
The aim of this study was to evaluate the impact of the occurrence of delirium among older patients admitted to post-acute care on risk of death.
- 2005-2009 **Understanding Disparities in Mental Status Assessment (Jones, RN)**
R01 AG025308
Principal Investigator
The goal of this study was to perform psychometric and statistical methods development for the detection of item bias, and to apply those tools to the detection of bias in the assessment of cognitive performance level across different race and ethnicity groups.
- 2006-2010 **Improving the Quality of Care in Nursing Homes (Morris, JN)**
R01 NR009071
Co-Investigator
The goal of this project was to evaluate a focused effort to integrate quality indicator performance data into care practice modifications in Massachusetts nursing homes.
- 2007 **Understanding Disparities in Mental Status Assessment – Supplement (Jones, RN)**
R01 AG025308-03S1
Principal Investigator
The goal of this study was to extend methods and applied research for item bias detection to from mental status to depression.

- 2007-2010 **Developing a Culturally- and Clinically-Sensitive Depression Instrument to Improve Screening Among Minority Older Adults with Cardiovascular Disease (Yang, PI)**
NARSAD Young Investigator Award
This study examined measurement bias in widely used depression screening instruments. A major product of this research is an dynamic or adaptive test of the severity of depression capable of being administered by computer or paper-and-pencil, based on the PROMIS (NIH Roadmap Patient Reported Outcomes Measurement Information System) Depression item bank. My role is as mentor and co-investigator.
- 2008-2011 **ACTIVE Phase III: HRCA Field Site (Morris, JN)**
U01 NR004507
This is the 10-year follow-up of more than 3000 elders enrolled in a randomized controlled trial of three cognitive training interventions.
- 2007-2012 **Improving Cognitive Outcome Precision and Responsiveness with Psychometrics (Crane, PK)**
R01 AG029672
Co-Investigator
This is a competing supplement to the Alzheimer's Neuroimaging Initiative. The goals are to improve psychometric test sensitivity to neuroimaging findings.
- 2008-2014 **Deriving and Validating a 3-Minute Diagnostic Assessment for Delirium (Marcantonio, ER)**
R01 AG030618
Co-Investigator
This is a project engaged in developing an improved screening tool for delirium. We are making use of modern measurement methods (e.g. item response theory).
- 2009-2014 **Patient Reported Outcomes in Clinical Care of Patients with HIV (Crane, PK)**
U01 AR057954
Co-Investigator
This is a NIH Roadmap PROMIS (Patient Reported Outcomes Measurement Information System) project with the aim of developing and evaluating computerized adaptive testing of patient reported outcomes in an HIV clinic. My expertise in measurement bias detection has led to my being invited to lead analyses in PROMIS. The PROMIS initiative is developing standard, flexible, and dynamic assessment tools for the assessment of the outcomes of health care accessing the patient's perspective. My role is to evaluate methodologies to detect and assess the impact of measurement bias (differential item functioning) when responses are collected with dynamic (computerized adaptive) approaches.
- 2013-2014 **Big Questions in Cognitive Aging: An Integrative Analysis (Gross, A)**
R03 AG045494
Co-Investigator

The goal of this project was to use several large epidemiologic studies with longitudinal data that administered different neuropsychological test batteries and harmonize the measures across study and scale to a nationally representative sample of older adults.

- 2009-2014 **Validation of PROMIS in Diverse Cancer Populations (Potosky, AL)**
U01 AR057971
Consultant 2009-2014
The goals of this project are evaluate the Patient Reported Outcomes Measurement Information System (PROMIS) measures of depression, fatigue, physical function, and social function in cancer patients. This study will provide evidence about whether there are differences in the measurements of these outcomes across different population groups. My role is to lead the analysis of measurement bias in the PROMIS domains. The research will provide data to inform changes to improve the measures and ultimately enable their wider use in health research.
- 2014-2017 **Treatment decisions for Perinatal Bipolar Disorder (Abrantes & Uebelacker, MPI)**
R34 MH103570
Co-Investigator
The goal of this study is to evaluate women's attitudes regarding treatment of bipolar disorder in the perinatal period, and to clarify the processes by which women make decisions to continue or discontinue medication treatment for bipolar disorder during this high risk period.
- 2017-2018 **Modulating impulsivity in suicidal adolescents with tDCS: a proof of concept study (Liu, PI)**
R21-MH112055
Co-Investigator
The purpose of this proof-of-concept study is to determine whether transcranial direct current stimulation (tDCS) may affect impulsive cognition and behavior in adolescent suicide attempters, in a three-group randomized design, through specific neural pathways (the right inferior frontal gyrus in the case of behavioral impulsivity and the left orbitofrontal cortex in the case of cognitive impulsivity), as assessed with electroencephalography (EEG) and event-related potentials (ERPs).
- 2015-2018 **Ecological Momentary Assessment of Behavioral and Psychosocial Predictors of Weight Loss following Bariatric Surgery (Bond & Thomas, MPI)**
R01 DK108579-01
Co-Investigator
The goal of this project is to recruit and follow a cohort of individuals who recently received bariatric surgery to address obesity, and identify the trajectory of weight changes and correlates variability in those trajectories.

- 2014-2019 **Mechanisms of circuit failure and treatments in patient-derived neurons in autism**
(Morrow, E)
R01 MH105442
Co-Investigator
This proposal involves the study of patient-derived stem cells using induced pluripotent stem cell technology.
- 2015-2019 **Autism-linked endosomal mechanisms in neuronal arborization and connectivity**
(Morrow, E)
R01 MH102418-01A1
Co-Investigator
Human mutations in endosomal NHE6 constitute a newly recognized, monogenic, autism-related disorder. The objective for this research proposal is to elucidate the mechanisms by which NHE6 mutations lead to defects in circuit development, and to test the ability of alkalinizing agents to normalize these mutant phenotypes in mouse in vitro and in vivo.
- 2014-2019 **Evaluation of the Coping Long Term with Active Suicide Program (Miller, I)**
R01 MH101129
Co-Investigator
This project will evaluate an innovative intervention specifically designed to reduce suicidal behavior in a high risk group of suicidal inpatients.
- 2014-2019 **RCT of a tailored walking program to reduce stress among pregnant women (Battle, C)**
R01 NR014540
Co-Investigator
The research involves a randomized controlled trial to contrast a prenatal walking program versus health education control among 152 pregnant women. Outcomes are depressive symptoms and maternal health and functioning, and infant neurobehavioral outcomes.
- 2014-2019 **Life Stressors, Impulsivity, and Adolescent Suicidal Behavior**
(Liu, R)
R01 MH101138
Co-Investigator
This project will examine how life stressors, different neurocognitive/neurobehavioral dimensions of impulsivity and loss-related experiences explain how past suicide attempts increase risk for future recurrences in a multiwave longitudinal study of 150 adolescent inpatients.

- 2014-2019 **Life Stressors, Impulsivity, and Adolescent Suicidal Behavior**
(Liu, R)
R01 MH101138
Co-Investigator
This project will examine how life stressors, different neurocognitive/neurobehavioral dimensions of impulsivity and loss-related experiences explain how past suicide attempts increase risk for future recurrences in a multiwave longitudinal study of 150 adolescent in-patients.
- 2015-2020 **Suicide Risk Reduction in the Year following Jail Release**
(Johnson & Weinstock, MPI)
U01 MH106660
Co-Investigator
The goal of this observational study is to recruit and follow a cohort of people following jail release for one year, and identify the incidence and predictors of suicidal behavior in this cohort.
- 2016-2020 **Exploring the role of inflammation in long-term cognitive decline following surgery and delirium**
(Inouye, PI)
Alzheimer's Drug Discovery Foundation (ADDF)
Co-Investigator
The aims of this project are to develop a predictive model for long-term cognitive decline following delirium, and to assess the correlation of plasma, CSF, and [11C]-PBR28 PET-imaging biomarkers of inflammation preoperatively and at one-month follow-up in a new sample of 35 patients undergoing major orthopedic surgery under spinal anesthesia.
- 2015-2020 **Efficacy of a Prenatal Yoga Intervention for Antenatal Depression**
(Battle, C)
R01 HD081868
This study will involve a randomized controlled trial to evaluate a gentle prenatal yoga class compared to a prenatal health education workshop in lowering depressive symptoms among pregnant women with antenatal depression.
- 2018-2020 **Meeting the End-of-life Care Needs of Nursing Home Residents with Advanced Alzheimer's Disease or Related Dementia: A Longitudinal Study of Pain and Depressive Symptoms (Belanger, E)**
R03-AG060241
Co-Investigator
The proposed research is relevant to public health because it addresses the management of pain and depressed mood, which are two common and distressing symptoms among advanced Alzheimer Disease or Related Dementia in the nursing home setting. This project is particularly relevant to the mission of the NIA because it capitalizes on existing administrative data to improve end-of-life care in ADRD, which has become the 6th leading cause of death in the US.

- 2017-2021 **Caregivers' reactions and experience: imaging dementia evidence for amyloid scanning CARE-IDEAS (Mor, V)**
R01-AG053934
Co-Investigator
This study will combine survey data, Medicare claims data, and IDEAS study data to examine how results from amyloid PET scans impact care seeking behavior, planning for the future, emotional well-being, and economic security of both the care partner and cognitively impaired patients.
- 2016-2021 **Network for investigation of Delirium across the US**
(Inouye, PI)
R24-AG054259
Co-investigator
This is a collaborative network to advance scientific research on the causes, mechanisms, outcomes, diagnosis, prevention, and treatment of delirium in older adults. The work of the Measurement and Harmonization Resource Core, which will be led by Dr. Jones and Co-Leader Dr. Dale Needham at Johns Hopkins University, is to establish a repository of delirium measures, and prepare recommendations on which measures should be used for specific circumstances. The goal of this activity is to enhance the quality and consistency of delirium measurement, and enable investigators to compare and share data across studies.

Current, Active

- 2018-2023 **Health and Retirement Study**
(Weir, PI)
U01-AG009740
Co-Investigator
Continuation of the Health and Retirement Study (HRS) through years 29-34. The HRS is the nation's pre-eminent resource for publicly-available data on the economic well-being and physical and mental health of its older population. Its longitudinal design allows rigorous examination of causal pathways among social, psychological, economic, and health variables and the impact of policy changes on these relationships.
- 2018-2023 **Health and Retirement Study Harmonized Cognitive Assessment**
(Langa, PI)
U01-AG058499
Co-Investigator
The Harmonized Cognitive Assessment Protocol (HCAP) is a major expansion to the data collected in the Health and Retirement Study (HRS), and provides rigorous and detailed assessment of the level of cognitive functioning of HRS participants. This proposal is for the continuation of HCAP-related research in the HRS study through years 29-34.
- 2014-2025 **BASIL – Better Assessment of Illness: Delirium Severity Measures for Persons with and without Dementia (Jones RN, Inouye SK, MPI)**
R01-AG044518
Multiple Principal Investigator

The goal is to develop a Delirium Severity Toolkit, a dynamic set of new measures developed with expert clinical judgment using modern psychometric theory to capture the severity of delirium in various phenomenological presentations.

- 2008-2023 **Conference on Advanced Psychometric Methods in Cognitive Aging Research**
(Mungas, D)
R13-AG030995
Co-Investigator
This conference series is designed to promote the application of modern psychometric methods in research on cognitive decline associated with diseases of aging. I serve as an organizing committee member and as a faculty.
- 2010-2023 **Interdisciplinary Study of Delirium and its Long-Term Outcomes**
(Inouye, SK)
P01 AG031720
Project Leader, Project 4
Project 4: The Role of Reserve in Delirium (2010-2017): This project, The Role of Reserve in Delirium, was part of a program project involving a prospective observational epidemiologic study of delirium among 500 surgical patients. This project concerns the role of reserve on the occurrence and consequences of delirium following elective surgery. The major aims of this study are to: (1) develop both a specific and a general index of reserve that reflect brain reserve and cognitive reserve, and (2) evaluate the independent contribution of reserve facets to the risk for incident delirium, and (3) evaluate the independent contribution of reserve facets to the long-term consequences of delirium.
Project 4: Defining the Phenotype of Complicated Delirium (2018-2023): This is a renewal application for the SAGES Program Project. Dr. Jones will lead Project 4, which will develop a predictive model for cognitive decline following surgery and delirium. Project 4 will use qualitative and quantitative methods to empirically derive a new classification system for delirium subtypes based on post-delirium episode complications and cognitive decline.
- 2010-2023 **Interdisciplinary Study of Delirium and its Long-Term Outcomes**
(Inouye, SK)
P01-AG031720
Core Leader, Core C: Data Management and Statistical Analysis Core 2010-2013
Core Co-Leader Core C: Data Management and Statistical Analysis Core 2013-2025
The Data Management and Statistical Analysis Core processes, prepares, and analyses data for the Delirium program project.
- 2015-2021 **Psychometric Integrative Technology for Cognitive Health Research (Jones, RN)**
R01-AG051170
Principal Investigator
The goal of this research is to harmonize cognitive assessments collected in the Health and Retirement Study and 15 international sister studies.

- 2017-2022 **Alzheimer’s Disease Neuroimaging Initiative Psychometrics (Crane, PK)**
R01-AG029672
Co-Investigator
his project involves secondary psychometric data analysis of the Alzheimer’s Disease Neuroimaging Initiative (ADNI) and Australian Imaging, Biomarkers, and Lifestyles of Ageing (AIBL) cohorts.
- 2020-2023 **The Circadian Molecular Clock is a Biomarker for Epilepsy in Pediatric Focal Cortical Dysplasia (Liu, Judy)**
R01-NS104428
Co-Investigator
The goals in this proposal are to identify the neural circuitry defects in the circadian transcription factor (Clock) and the mechanisms of Clock in epilepsy and test whether rescue of circadian defects raises seizure threshold.
- 2019-2023 **RCT to improve post-hospital treatment adherence for comorbid substance use and bipolar disorders (Gaudiano, B)**
R01-MH122870
This project will test a novel psychosocial intervention as an adjunct to treatment as usual for substance use disorders. The intervention, called “Integrated Treatment Adherence Program” (ITAP), is an innovative approach that combines brief in-person engagement sessions with brief follow-up phone sessions and family/significant other involvement as an adjunct to treatment as usual over 6 months. The intervention is designed to improve substance abuse, adherence, and other clinical outcomes among high-risk patients with co-occurring SUDs and bipolar disorder. This project is a clinical trial testing the efficacy of ITAP versus a Safety Assessment and Follow-up Evaluation (SAFE) comparison condition, both delivered as adjuncts to community treatment as usual.
- 2019-2023 **COBRE Center for Neurocircuits and Disease (CCND) (Greenberg, B)**
P20-GM130452
Core Leader: Research Design and Analysis Core
The COBRE Center for Neuromodulation (CCN) project is submitted as a Center of Biomedical Research Excellence (COBRE) in response to PAR-16-41. The CCN comprises three cores, one Administrative Core and two Research Cores (entitled the Design and Analysis Core, and the Neuromodulation and Neuroimaging Core, respectively). Both research cores will support a range of resources used by the COBRE junior investigators as well as planned CCN-funded pilot projects. Dr. Jones will serve as co-Core Leader of the Design and Analysis Core.
- 2019-2024 **Blood-brain barrier disruption as a biomarker for perioperative neurocognitive disorders: cognitive recovery after elective surgery (CREATES) study (Daiello, L)**
R01-AG058648
Co-Investigator
This study employs a novel brain imaging technique to investigate relationships between perioperative blood-brain barrier dysfunction and postoperative cognitive functioning (eg

delirium and cognitive decline). The target sample are older adults undergoing major surgeries.

- 2019-2024 **Neurodegenerative mechanisms in Christianson syndrome and NHE6-related disorders (Morrow, E)**
R01-NS113141
Co-Investigator
The main objective of this proposal is to evaluate the mechanisms of neurodegeneration in Christianson syndrome and NHE6- related disorders.
- 2019-2024 **A culturally centered CBT protocol for suicidal ideation and suicide attempts among Latinx youth (Duarte-Velez, Y)**
R01-MD013907
Co-Investigator
The primary aim of the proposed research is to test the effect of a culturally centered treatment protocol, the Socio-cognitive behavioral therapy (SCBT), versus Treatment as Usual on suicidal thoughts and attempts, and depressive symptoms, in a clinical sample of Latinx adolescents. The study is trying to determine, if perspectives of Latin immigrant families and minority youth are considered if outcomes are better for this high-risk group.
- 2020–2025 **The Circadian Molecular Clock is a Biomarker for Epilepsy in Pediatric Focal Cortical Dysplasia (Liu, Judy)**
R01-NS104428
Co-Investigator
The goals in this proposal are to identify the neural circuitry defects in the circadian transcription factor (Clock) and the mechanisms of Clock in epilepsy and test whether rescue of circadian defects raises seizure threshold.
- 2020-2024 **Developing novel cognitive and neuroimaging markers of early Alzheimer’s disease pathologies (Oh, Hwamee)**
R01-AG068990
Co-Investigator
The goal of this study is to develop novel cognitive and neuroimaging markers to detect subtle cognitive and neural changes in association AD brain lesions.
- 2021-2026 **NIDUS II: Advanced-Stage Development and Utilization of the NIDUS Research Infrastructure to Advance Interdisciplinary Research in Delirium (Inouye/Jones MPI)**
R33-AG071744
Multiple Principal Investigator
The goal of this project is to further develop infrastructure supporting interdisciplinary research. The Brown team will primarily be involved in developing harmonized data sets integrating de-identified data from multiple clinical delirium research studies.

2021-2026

A Cross-national Investigation of Socioeconomic and Cardiovascular Factors in Older Population Cognitive Health (Kobayashi, Lindsay)

R01-AG070953

Co-Investigator

The goal of this project is to explore cross-national variability in cognitive performance among older adults. The project will make use of the Health and Retirement Study (HRS) and International Partner Study data collected with the Harmonized Cognitive Assessment Protocol (HCAP).

UNIVERSITY TEACHING ROLES

- 2003-2006 Clinical Epidemiology (AC701), Harvard Medical School, 8 first year medical students
- 2006-2013 Clinical Epidemiology and Population Health (AC511), Harvard Medical School, 8 first year medical students
- 2006-present Summer Workshop on Latent Variable Modeling in Aging Research. *Every summer since 2006 I have led a 3-day workshop on latent variable modeling. The didactic material is based in aging research, but the international audience includes students, post-docs and faculty from diverse fields (medicine, psychology, sociology, statistics). The workshop focus alternates between measurement models (e.g., factor analysis) and longitudinal data analysis. Workshop materials are freely distributed via the world wide web (see Professional educational materials or reports, in print or other media).*
- 2014 – Present Seminars in methodology in the clinical neurosciences. Quantitative Science Program, Brown University. Eight seminars or workshops are offered:
- QSP-01 Introduction to latent variable modeling
 - QSP-02 Measurement models, Item Response Theory and latent trait models
 - QSP-03 Longitudinal data analysis using latent variables
 - QSP-04 Design of randomized controlled trials in Psychology, Psychiatry, Neurology, and the Clinical Neurosciences
 - QSP-05 Analysis of randomized controlled trials in Psychology, Psychiatry, Neurology, and the Clinical Neurosciences
 - QSP-06 Seminar on advanced topics in controlled trials
 - QSP-07 Laboratory in data analysis using latent variables and structural equations.
 - QSP-08 Seminar on measurement in health research
 - QSP-12 Seminar: Introduction to Clinical Research

HOSPITAL TEACHING ROLES

- 2001
- Study Design for Observational and Intervention Research. Geriatrics fellows and gerontology post-docs, HSL/IFAR and BIDMC
- 2003, 2004 Everything You Need to Know about Epidemiology and Biostatistics in 40 Minutes or Less. Geriatrics fellows and gerontology post-docs, HSL/IFAR and BIDMC

PEER REVIEWER FOR MEDICAL JOURNALS

<https://publons.com/researcher/1180714/richard-norman-jones/>

Age & Ageing
Alzheimer's & Dementia
American Journal of Epidemiology
American Journal of Geriatric Psychiatry
Annals of Neurology
Archives of Gerontology and Geriatrics
Brain
Brain Imaging and Behavior
BMJ Open
Canadian Journal on Aging
Clinical Nutrition
Dementia and Geriatric Cognitive Disorders
Depression and Anxiety
European Journal of Neurology
Geriatrics
Health Related Quality of Life
International Journal of Geriatric Psychiatry
International Psychogeriatrics
Journal of Applied Gerontology
Journal of the American Geriatrics Society
JAMA
JAMA Psychiatry
Journal of Alzheimer's Disease
Journal of Bone and Mineral Research
Journal of Epidemiology and Community Health
Journal of General Internal Medicine
Journal of Geriatric Psychiatry and Neurology
Journal of the International Neuropsychological Society
Journals of Gerontology: Medical Sciences
Journals of Gerontology: Social Sciences
Journal of Neurology, Neurosurgery & Psychiatry
Learning and Individual Differences
Medical Care
Neurobiology of Aging
Neuroepidemiology
Neuropsychology
Psychology and Aging
Psychological Assessment
Quality of Life Research
Research on Aging
Statistical Methods in Medical Research