

Jane S. Saczynski, Ph.D.
Department of Pharmacy and Health Systems Sciences
Northeastern University
360 Huntington Ave, Boston, MA 02115
Mailing: R218 TF Office: R215 TF
Phone: (617) 373-5212 Fax: (617) 373-7655

Education

National Institutes of Health Intramural Research Fellow Laboratory of Epidemiology, Demography, and Biometry, National Institute on Aging, Bethesda, MD	2003 - 2007
National Institute of Mental Health Postdoctoral Fellow Psychiatric Epidemiology, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD	2001 - 2003
Doctor of Philosophy , Human Development and Family Studies, The Pennsylvania State University, State College, PA Thesis Title: Cognitive Training in Older Adults: Individual Predictors and Mediators of Training Effects Advisor: Sherry L. Willis, PhD	2001
National Institute of Mental Health Predoctoral Fellow Gerontology Center, The Pennsylvania State University, State College, PA	1999 - 2001
Master of Science , Human Development and Family Studies, The Pennsylvania State University, State College, PA	1999
Bachelor of Arts , Psychology, University of Massachusetts, Amherst, MA	1997

Appointments

Professor, Tenured Department of Pharmacy and Health System Sciences Northeastern University, Boston, MA	2021 - present
Vice Chair Department of Pharmacy and Health System Sciences Northeastern University, Boston, MA	2020 - present
Associate Professor, Tenured Department of Pharmacy and Health System Sciences, Northeastern University, Boston, MA	2015 - 2021
Associate Professor Department of Medicine, University of Massachusetts Medical School, Worcester, MA	2013 - 2015
Associate Professor Department of Quantitative Health Sciences, University of Massachusetts Medical School, Worcester, MA	2013 - 2015
Assistant Professor Department of Medicine, University of Massachusetts Medical School, Worcester, MA	2007 - 2013
Assistant Professor Department of Quantitative Health Sciences, University of Massachusetts Medical School, Worcester, MA	2010 - 2013
Assistant Director Meyers Primary Care Institute, Worcester, MA	2011 - 2015

Honors and Awards

Excellence in Teaching Award , Northeastern University School of Pharmacy	2018
Top Editorial Board Reviewer (Journal of the American Geriatrics Society)	2014 & 2015
Outstanding Junior Research Manuscript Award (American Geriatrics Society)	2013
Junior Investigator Research Award (HMO-Research Network)	2008

Nathan Shock Postdoctoral Award (National Institute on Aging)
Fellows Award for Research Excellence (National Institutes of Health)

2007
 2004

Peer-reviewed Publications

* Denotes author was student at time of publication

1. Mailhot T, Saczynski JS, **Malyuta Y**, Inouye SK, Darling C. An emergency department delirium screening and management initiative: The development and refinement of the SCREENED-ED Intervention. *Journal of Gerontological Nursing*. 2021; 47:13-17. PMID: 34846261.
2. Forrester SN, McManus DD, **Saczynski JS**, Pierre-Louis IC*, Bamgbade BA, Kiefe CI. A cross-sectional analysis of racial differences in accelerated aging and cognitive function among patients with atrial fibrillation: The SAGE-AF Study. *EClinicalMedicine*. 2021 PMID: 34386761
3. Mehawej J*, **Saczynski JS**, Gagnier M, Bamgbade BA, Trymbulak K, Saleeba C, Kiefe CI, Goldberg RJ, McManus DD. Factors associated with patient engagement in shared decision-making for stroke prevention among older adults with atrial fibrillation. *Canadian Geriatrics Journal*. 2021. (online ahead of print) PMID: 34484500
4. Mehawej J*, **Saczynski JS**, Kiefe CI, Abu HO, Tisminetzky M, Wang W, Bamgbade BA, Ding E, Lessard D, Otabil EM, Goldberg RJ, McManus DD. Association between risk of obstructive sleep apnea and cognitive performance, frailty and quality of life among older adults with atrial fibrillation. *Journal of Clinical Sleep Medicine*. 2021. (online ahead of print) PMID:34432629
5. Bamgbade BA, McManus DD, Helm R, Mehawej J*, Gurwitz JH, Mailhot T, Abu HO, Goldberg RJ, Wang Z, Tisminetzky M, Pierre-Louis IC*, **Saczynski JS**. *Journal of the American Heart Association*. 2021 (online ahead of print) PMID: 34398677
6. Ding EY*, Mehawej J*, Abu H, Lessard D, **Saczynski JS**, McManus DD, Kiefe CI, Goldberg RJ. Cardiovascular health metrics in patients hospitalized with an acute coronary syndrome. *American Journal of Medicine*. 2021; 21 (420-424). PMID: 34273284
7. Duprey MA*, Devlin JW, van der Hoeven JG, Pickkers P, Breisacher BA, **Saczynski JS**, Griffith JL, van der Boogaard M. Association between incident delirium treatment with haloperidol and mortality in critically ill adults. *Critical Care Medicine*. 2021 (online ahead of print) PMID: 32690396
8. Trymbulak K*, Ding E*, Marino F*, Wang Z, **Saczynski JS**. Mobile health assessments of geriatric elements in older patients with atrial fibrillation: The Mobile SAGE-AF Study (M-SAGE). 2021 (Online ahead of print)
9. Hajduk AM, **Saczynski JS**, Tsang S, Geda ME, Dodson JA, Oulelet GM, Goldberg RJ, Chaudhry SI. Presentation, treatment and outcomes of older adults hospitalized for acute myocardial infarction according to cognitive status: The SILVER-AMI Study. *American Journal of Medicine*. 2021 (online ahead of print) PMID: 33737057
10. Sanghai SR, Lui W, Wang W, Rongali S, Orkaby AR, **Saczynski JS**, Rose AJ, Kapoor A, Li W, Yu H, McManus DD. Prevalence of frailty and associations with oral anticoagulation prescribing in atrial fibrillation. *Journal of general Internal Medicine*. 2021 (online ahead of print) PMID: 33948795.x
11. Duprey MS*, Dijkstra-Kersten SMA, Zaal IJ, Breisacher BA, **Saczynski JS**, Griffith JL, Devlin JW, Slooter AJC. Opioid use increases the risk of delirium in critically ill adults independently of pain. *American Journal of Respiratory Care Medicine*. 2021 (online ahead of print) PMID: 33737057
12. Lu D*, Reid DJ, **Saczynski JS**, Woolley AB. Evaluating patient knowledge and utilization of medication disposal in a Chinatown community pharmacy. *Journal of the American Pharmacists Association*. 2021; 61(2)
13. Scoglio AAJ*, Kraus SW, **Saczynski J**, Jooma S, Molnar BE. Systematic Review of Risk and Protective Factors for Revictimization After Child Sexual Abuse. *Trauma, Violence, & Abuse*. 2021; 22(1): 41-53. PMID: 30669947

14. Wang W, Lessard D, **Saczynski JS**, Goldberg RJ, Mehawej J, Garcia E, McManus DD. Prognostic value of geriatric conditions for death and bleeding in older patients with atrial fibrillation. *International Journal of Cardiology Heart and Vasculature*. 2021;4(33). PMID: 33728371
15. Sedney C*, Abu HO, Trymbulak K, Mehawej J, Wang Z, Waring ME, **Saczynski J**, McManus DD. Sociodemographic, behavioral, and clinical factors associated with low atrial fibrillation knowledge among older adults with atrial fibrillation: The SAGE-AF study. *Patient Education and Counseling*. 2021; 104(1): 194-200. PMID: 33861548
16. Briesacher BA, Koethe B, Olivieri-Mui B, **Saczynski JS**, Fick DM, Devlin JW, Marcantonio ER. Association of positive delirium screening with incident dementia in skilled nursing facilities. *Journal of the American Geriatric Society*. 2020; 68(12): 2931-2936. PMID: 32965034.
17. Abu HO*, **Saczynski JS**, Mehawej J, Tisminetzky M, Kiefe CI, Goldberg RJ, McManus DD. Clinically meaningful change in quality of life and associated factors among older patients with atrial fibrillation. *Journal of the American Heart Association*. 2020; 9(18):85-93. PMID: 32875941
18. Mehawej J, Saczynski JS, Gurwitz JH, Abu HO, Bamgbade BA, Wang WJ, Paul T, Trymbulak K, Saleeba C, Wang ZY, Kiefe CI, Goldberg RJ, McManus DD. Self-reported risk of stroke and factors associated with underestimation of stroke risk among older adults with atrial fibrillation: The SAGE-AF study. *Journal of Geriatric Cardiology*. 2020;17(8):502-509. PMID: 32952525
19. Abu HO*, **Saczynski J**, Mehawej J, Paul T, Awad H, Bamgbade BA, Pierre-Louis IC, Tisminetzky M, Kiefe CI, Goldberg RJ, McManus DD. Multimorbidity, physical frailty, and self-rated health in older patients with atrial fibrillation. *BMC Geriatrics*. 2020; 20(1): 343. PMID: 32917137
20. Mailhot T*, McManus DD, Waring ME, Lessard D, Goldberg R, Bamgbade BA, **Saczynski JS**. Frailty, cognitive impairment and anticoagulation among older adults with nonvalvular atrial fibrillation. *Journal of the American Geriatrics Society*. 2020; 68(12):2778-2786. PMID: 32780497
21. Abu HO*, **Saczynski JS**, Ware J, Mehawej J, Paul T, Awad H, Bamgbade B, Pierre-Louis IC*, Tisminetzky M, Kiefe C, Goldberg RJ, McManus DM. Impact of Comorbid Conditions on Disease-Specific Quality of Life in Older Men and Women with Atrial Fibrillation. *Quality of Life Research*. 2020; 29(12):3285-3296. PMID:3256722.
22. Mailhot T*, Darling C, Ela J, Malyuta Y, Inouye SK, **Saczynski J**. Family Identification of Delirium in the Emergency Department in Patients With and Without Dementia: Validity of the Family Confusion Assessment Method (FAM-CAM). *Journal of the American Geriatrics Society*. 2020; 68(5): 983-990. PMID: 32274799
23. Bamgbade BA, Sanghai SR, McManus DD, Lessard D, Waring ME, Forrester S, Pierre-Louis I*, **Saczynski J**. Psychosocial and cognitive multimorbidity and health-related quality of life and symptom burden in older adults with atrial fibrillation: The systematic assessment of geriatric elements in atrial fibrillation (SAGE-AF) cohort study. *Archives of Gerontology and Geriatrics*. 2020; 90. PMID: 32474170
24. Duprey MS*, van den Boogaard M, van der Hoeven JG, Pickkers P, Briesacher BA, **Saczynski JS**, Griffith JL, Devlin JW. Association between incident delirium and 28- and 90-day mortality in critically ill adults: a secondary analysis. *Critical Care*. 2020; 24(1): 161. PMID: 32312288
25. Wang WJ, Lessard D, **Saczynski JS**, Goldberg RJ, Go AS, Paul T, Garcia E, McManus DD. Incident frailty and cognitive impairment by heart failure status in older patients with atrial fibrillation: The SAGE-AF Study. *Journal of Geriatric Cardiology*. 2020;17(11):653-658. PMID: 3343643
26. Wang WJ, Lessard D, Abu H*, McManus DD, Mailhot T*, Gurwitz JH, Goldberg RJ, **Saczynski J**. Hearing loss and cognitive decline among older adults with atrial fibrillation: the SAGE-AF study. *Journal of Geriatric Cardiology*. 2020;17(4):177-183. PMID: 32362915
27. Sanghai S, Wong C*, Wang Z, Clive P, Tran W, Waring M, Goldberg R, Hayward R, **Saczynski JS**, McManus DD. Rates of Potentially Inappropriate Dosing of Direct-Acting

- Oral Anticoagulants and Associations With Geriatric Conditions Among Older Patients With Atrial Fibrillation: The SAGE-AF Study. *Journal of the American Heart Association*. 2020; 9(6). PMID: 32146898
28. Kapoor A, Amroze A, Vakil F, Crawford S, Der J, Mathew J, Alper E, Yogaratnam D, Javed S, Elhag R, Lin A, Narayanan S, Bartlett D, Nagy A, Shagoury BK, Fischer MA, Mazor KM, **Saczynski JS**, Ashburner JM, Lopes R, McManus DD. SUPPORT-AF II: Supporting Use of Anticoagulants Through Provider Profiling of Oral Anticoagulant Therapy for Atrial Fibrillation: A Cluster-Randomized Study of Electronic Profiling and Messaging Combined with Academic Detailing for Providers Making Decisions About Anticoagulation in Patients With Atrial Fibrillation. *Circulation: Cardiovascular Quality and Outcomes*. 2020; 13(2). PMID: 32063041
 29. **Saczynski JS**, Sanghai SR, Kiefe CI, Lessard D, Marino F, Waring ME, Parish D, Helm R, Sogade F, Goldberg R, Gurwitz J, Wang W, Mailhot T, Bamgbade B, Barton B, McManus DD. Geriatric Elements and Oral Anticoagulant Prescribing in Older Atrial Fibrillation Patients: SAGE-AF. *Journal of the American Geriatrics Society*. 2020; 68(1): 147-154. PMID: 31574165
 30. Marino FR*, Lessard DM, **Saczynski JS**, McManus DD, Silverman-Lloyd LG, Benson CM, Blaha MJ, Waring ME. Gait Speed and Mood, Cognition, and Quality of Life in Older Adults With Atrial Fibrillation. *Journal of the American Heart Association*. 2019; 8(22). PMID: 31735113
 31. Waring ME, Hills MT, Lessard DM, **Saczynski JS**, Libby BA, Holovatska MM, Kapoor A, Kiefe CI, McManus DD. Characteristics Associated With Facebook Use and Interest in Digital Disease Support Among Older Adults With Atrial Fibrillation: Cross-Sectional Analysis of Baseline Data From the Systematic Assessment of Geriatric Elements in Atrial Fibrillation (SAGE-AF) Cohort. *Journal of Medical Internet Research: Cardiology*. 2019; 3(2). PMID: 31758791
 32. Ding EY*, Han D, Whitcomb C, Bashar SK, Adaramola O, Soni A, **Saczynski J**, Fitzgibbons TP, Moonis M, Lubitz SA, Lessard DA, Hills MT, Barton B, Chon K, McManus DD. Accuracy and Usability of a Novel Algorithm for Detection of Irregular Pulse Using a Smartwatch Among Older Adults: Observational Study. *Journal of Medical Internet Research: Cardiology*. 2019; 3(1). PMID: 31758787
 33. Wang W, **Saczynski J**, Lessard D, Mailhot T*, Barton B, Waring ME, Sogade F, Hayward R, Helm R, McManus DD. Physical, cognitive, and psychosocial conditions in relation to anticoagulation satisfaction among elderly adults with atrial fibrillation: The SAGE-AF study. *J Cardiovascular Electrophysiology*. 2019; 30(11): 2508-2515. PMID: 31515920
 34. McManus DD, Kiefe C, Lessard D, Waring ME, Parish D, Awad HH, Marino F, Helm R, Sogade F, Goldberg R, Hayward R, Gurwitz J, Wang W, Mailhot T*, Barton B, **Saczynski J**. Geriatric Conditions and Prescription of Vitamin K Antagonists vs. Direct Oral Anticoagulants Among Older Adults With Atrial Fibrillation: SAGE-AF. *Frontiers in Cardiovascular Medicine*. 2019; 6:155. PMID: 31737647
 35. Daiello LA, Racine AM, Yun Gou R, Marcantonio ER, Xie Z, Kunze LJ, Vlassakov KV, Inouye SK, Jones RN, Alsop D, Trivison T, Arnold S, Cooper Z, Dickerson B, Fong T, Metzger E, Pascual-Leone A, Schmitt EM, Shafi M, Cavallari M, Dai W, Dillon ST, McElhaney J, Guttmann C, Hshieh T, Kuchel G, Libermann T, Ngo L, Press D, **Saczynski J**, Vasunilashorn S, O'Connor M, Kimchi E, Strauss J, Wong B, Belkin M, Ayres D, Callery M, Pomposelli F, Wright J, Schermerhorn M, Abrantes T, Albuquerque A, Bertrand S, Brown A, Callahan A, D'Aquila M, Dowal S, Fox M, Gallagher J, Anna Gersten R, Hodara A, Helfand B, Inloes J, Kettell J, Kuczmaraska A, Nee J, Nemeth E, Ochsner L, Palihnich K, Parisi K, Puelle M, Rastegar S, Vella M, Xu G, Bryan M, Guess J, Enghorn D, Gross A, Gou Y, Habtemariam D, Isaza I, Kosar C, Rockett C, Tommet D, Gruen T, Ross M, Tasker K, Gee J, Kolanowski A, Pisani M, de Rooij S, Rogers S, Studenski S, Stern Y, Whittemore A, Gottlieb G, Orav J, Sperling R; SAGES Study Group*. Postoperative Delirium and Postoperative Cognitive Dysfunction: Overlap and Divergence. *Anesthesiology*. 2019; 131(3): 477-491. PMID: 31166241
 36. Kundu A, O'Day K, Lessard DM, Gore JM, Lubitz SA, Yu H, Akhter MW, Fisher DZ, Hayward Jr RM, Henninger N, **Saczynski JS**, Walkey AJ, Kapoor A, Yarzebski J,

- Goldberg RJ, McManus DD. Recent Trends In Oral Anticoagulant Use and Post-Discharge Complications Among Atrial Fibrillation Patients With Acute Myocardial Infarction. *Journal of Atrial Fibrillation*. 2018; 10(5):1-7. PMID: 29988239
37. Kapoor A, Amroze A, Golden J, Crawford S, O'Day K*, Elhag R, Nagy A, Lubitz SA, **Saczynski JS**, Mathew J, McManus DD. SUPPORT-AF: Piloting a Multi-Faceted, Electronic Medical Record-Based Intervention to Improve Prescription of Anticoagulation. *Journal of the American Heart Association*. 2018; 7(17). PMID: 30371161
 38. Kundu A, Day KO*, Lessard DM, Gore JM, Lubitz SA, Yu H, Akhter MW, Fisher DZ, Hayward RM Jr, Henninger N, **Saczynski JS**, Walkey AJ, Kapoor A, Yarzebski J, Goldberg RJ, McManus DD. Recent Trends in Oral Anticoagulant Use and Post-Discharge Complications Among Atrial Fibrillation Patients with Acute Myocardial Infarction. *Journal of Atrial Fibrillation*. 2018; 10(5):1749. PMID: 29988239
 39. Tran H*, Byatt N, Erskine N*, Lessard D, Devereaux RS, **Saczynski J**, Kiefe C, Goldberg R. Impact of anxiety on the in-hospital and post-discharge outcomes of patients discharged from the hospital after an acute coronary syndrome. *International Journal of Cardiology*. 2018; 278:28-33. PMID:30266354
 40. **Saczynski JS**, McManus DD, Waring ME, Lessard D, Anatchkova MD, Gurwitz JH, Allison J, Ash, AS, McManus RH*, Parish DC, Goldberg RJ, Kiefe CI. Change in Cognitive Function in the Month After Hospitalization for Acute Coronary Syndromes: Findings From TRACE-CORE (Transition, Risks, and Actions in Coronary Events-Center for Outcomes Research and Education). *Circulation: Cardiovascular Quality and Outcomes*. 2017; 10:12-21 PMID: 29237744
 41. Nishtala A, Piers RJ, Himali JJ, Beiser AS, Davis-Plourde KL, **Saczynski JS**, McManus DD, Benjamin EJ, Au R. Atrial fibrillation and cognitive decline in the Framingham Heart Study. *Heart Rhythm*. 2017; 15(2): 166-172 PMID: 28943482
 42. Aldrugh S*, Sardana M, Henninger N, **Saczynski JS**, McManus DD. Atrial fibrillation, cognition and dementia: A review. *Journal of Cardiovascular Electrophysiology*. 2017; 28(8):958-965. PMID: 28569383
 43. Hshieh TT, **Saczynski J**, Gou RY, Marcantonio E, Jones RN, Schmitt E, Cooper Z, Ayres D, Wright J, Trivison TG, Inouye SK, Group. SS. Trajectory of Functional Recovery After Postoperative Delirium in Elective Surgery. *Annals of Surgery*. 2017; 265:647-653. PMID: 27501176.
 44. Bostrom JA*, **Saczynski JS**, Hajduk A, Donahue K, Rosenthal LS, Browning C, Ennis C, Floyd KC, Richardson H, Esa N, Ogarek J, McManus DD. Burden of psychosocial and cognitive impairment in patients with atrial fibrillation. *Critical Pathways in Cardiology*. 2017; 16:71-75. PMID: 28509707
 45. Hajduk AM*, Hyde JE, Waring ME, Lessard DM, McManus DD, Fauth EB, Lemon SC, **Saczynski JS**. Practical support during the early recovery period after acute coronary syndrome. *Journal of Applied Gerontology*. 2016; 37(7):881-903 PMID: 28380706
 46. Han SH, Tavares JL, Evans M, **Saczynski J**, Burr JA. Social Activities, Incident Cardiovascular Disease, and Mortality: Health Behaviors Mediation. *Journal of Aging and Health*. 2017; 29:268-288. PMID: 26944804.
 47. Iadecola C, Yaffe K, Biller J, Bratzke LC, Faraci FM, Gorelick PB, Gulati M, Kamel H, Knopman DS, Launer LJ, **Saczynski JS**, Seshardi S, Zeki Al Hazzouri A. Impact of Hypertension on Cognitive Function: A Scientific Statement from the American Heart Association. *Hypertension*. 2016; 68: e67-e94. PMID: 27977393.
 48. Huang W, FitzGerald G, Goldberg RJ, Gore J, McManus RH, Awad H, Waring ME, Allison J, **Saczynski JS**, Kiefe CI, Fox KAA, Anderson FA, McManus DD. Performance of the grace risk score 2.0 simplified algorithm for predicting 1-year death after hospitalization for an acute coronary syndrome in a contemporary multiracial cohort. *American Journal of Cardiology*. 2016;118:1105-1110. PMID: 27561191. PMCID: 5050116
 49. Bull MJ, Boaz L, Maadooliat M, Hagle ME, Gettrust L, Greene MT, Holmes SB, **Saczynski JS**. Preparing family caregivers to recognize delirium symptoms in older adults following elective hip or knee arthroplasty. *Journal of the American Geriatrics Society*. 2017; 65: e13-e17. PMID: 27861701

50. 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. *Journal of Geriatric Psychiatry and Neurology*. 2016; 29(6):320-327. PMID: 27647793
51. Inouye SK, Marcantonio ER, Kosar C*, Tommet D, Schmitt EM, Trivison TG, **Saczynski JS**, Ngo L, Alsop D, Jones RN. The short- and long-term relationship between delirium and cognitive trajectory in older surgical patients. *Alzheimer's & Dementia*. 2016;12:766-775. PMID: 4947419.
52. Vasunilashorn SM*, Guess J, Ngo L, Fick D, Jones RN, Schmitt EM, Kosar CM*, **Saczynski JS**, Trivison 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; 64:1684-1689. PMID: 4988867.
53. Waring ME, McManus DD, Lemon SC, Gore JM, Anatchkova MD, McManus RH*, Ash AS, Goldberg RJ, Kiefe CI, **Saczynski JS**. Perceiving one's heart condition to be cured following hospitalization for acute coronary syndromes: Implications for patient-provider communication. *Patient Education and Counseling*. 2016; 99(3): 455-461. PMID: 4779389.
54. McManus DD, **Saczynski JS**, Lessard D, Waring ME, Allison J, Parish DC, Goldberg RJ, Ash A, Kiefe CI, Investigators T-C. Reliability of Predicting Early Hospital Readmission After Discharge for an Acute Coronary Syndrome Using Claims-Based Data. *American Journal of Cardiology*. 2016;117(4):501-507. PMID: 4768305.
55. Mc MD, Chong JW, Soni A*, **Saczynski JS**, Esa N*, Napolitano C, Darling CE, Boyer E, Rosen RK, Floyd KC, Chon KH. PULSE-SMART: Pulse-Based Arrhythmia Discrimination Using a Novel Smartphone Application. *Journal of Cardiovascular Electrophysiology*. 2016; 27(1):51-57. PMID: 4768310.
56. Kundu A, O'Day K, Shaikh AY, Lessard DM, **Saczynski JS**, Yarzebski J, Darling CE, Thabet R, Akhter MW, Floyd KC, Goldberg RJ, McManus DD. Relation of Atrial Fibrillation in Acute Myocardial Infarction to In-Hospital Complications and Early Hospital Readmission. *American Journal of Cardiology*. 2016;117(8):1213-1218.
57. Gleason KT, Tanner EK, Boyd CM, **Saczynski JS**, Szanton SL. Factors associated with patient activation in an older adult population with functional difficulties. *Patient Education and Counseling*. 2016; 99:1421-1426. PMID: 4931946.
58. Chang M, Snaedal J, Einarsson B, Bjornsson S, **Saczynski JS**, Aspelund T, Garcia M, Gudnason V, Harris TB, Launer LJ, Jonsson PV. The Association Between Midlife Physical Activity and Depressive Symptoms in Late Life: Age Gene/Environment Susceptibility-Reykjavik Study. *The Journals of Gerontology Series A, Biological Sciences and Medical Sciences*. 2016;71(4):502-507. PMID: 4840366.
59. Tisminetzky M, McManus DD, Erskine N*, **Saczynski JS**, Yarzebski J, Granillo E, Gore J, Goldberg RJ. Thirty-day Hospital Readmissions in Patients with Non-ST-segment Elevation Acute Myocardial Infarction. *American Journal of Medicine*. 2015;128(7):760-765. PMID: 4475427.
60. Tisminetzky M, Gurwitz J, McManus DD, **Saczynski JS**, Erskine N*, Waring ME, Anatchkova M, Awad H, Parish DC, Lessard D, Kiefe C, Goldberg R. Multiple Chronic Conditions and Psychosocial Limitations in Patients Hospitalized with an Acute Coronary Syndrome. *American Journal of Medicine*. 2015; 129:608-614. PMID: 4879087.
61. Successful Aging after Elective Surgery Functional Measures Working Group, Fong TG, Gleason LJ, Wong B, Habtemariam D, Jones RN, Schmitt EM, de Rooij SE, **Saczynski JS**, Gross AL*, Bean JF, Brown CJ, Fick DM, Gruber-Baldini AL, O'Connor M, Tabloski PA, Marcantonio ER, Inouye SK. Cognitive and Physical Demands of Activities of Daily Living in Older Adults: Validation of Expert Panel Ratings. *PM & R: Journal of Injury, Function, and Rehabilitation*. 2015;7(7):727-735. PMID: 4508212.
62. Schmitt EM, **Saczynski JS**, Kosar CM*, Jones RN, Alsop DC, Fong TG, Metzger E, Cooper Z, Marcantonio ER, Trivison T, Inouye SK, Successful Aging after Elective Surgery Study G. The Successful Aging After Elective Surgery Study: Cohort Description

- and Data Quality Procedures. *Journal of the American Geriatrics Society*. 2015;63(12):2463-2471. PMID: 4688907.
63. **Saczynski JS**, Rosen AB, McCammon RJ, Zivin K, Andrade SE, Langa KM, Vijan S, Pirraglia PA, Briesacher BA. Antidepressant Use and Cognitive Decline: The Health and Retirement Study. *The American Journal of Medicine*. 2015;128(7):739-746. PMID: 4618694.
 64. **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. PMID: 4704083.
 65. 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. *Journal of Gerontological Nursing*. 2015;41(8):34-42. PMID: 4551393.
 66. Kinney RL*, Lemon SC, Person SD, Pagoto SL, **Saczynski JS**. The association between patient activation and medication adherence, hospitalization, and emergency room utilization in patients with chronic illnesses: a systematic review. *Patient Education and Counseling*. 2015;98(5):545-552.
 67. Helfand BK*, Maselli NJ*, Lessard DM, Yarzebski J, Gore JM, McManus DD, **Saczynski JS**, Goldberg RJ. Elevated serum glucose levels and survival after acute heart failure: a population-based perspective. *Diabetes & Vascular Disease Research*. 2015;12(2):119-125. PMID: 25525077
 68. Goldberg RJ, **Saczynski JS**, McManus DD, Waring ME, McManus R, Allison J, Parish DC, Lessard D, Person S, Gore JM, Kiefe CI, investigators T-C. Characteristics of contemporary patients discharged from the hospital after an acute coronary syndrome. *The American Journal of Medicine*. 2015;128(10):1087-1093. PMID: 4577370.
 69. 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. *Journal of the American Medical Association: Surgery*. 2015;150(12):1134-1140. PMID: 4684425.
 70. 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. PMID: 4497521.
 71. 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. PMID: 4665114.
 72. Dovancescu S, **Saczynski JS**, Darling CE, Riistama J, Sert Kuniyoshi F, Meyer T, Goldberg R, McManus DD. Detecting Heart Failure Decompensation by Measuring Transthoracic Bioimpedance in the Outpatient Setting: Rationale and Design of the SENTINEL-HF Study. *Journal of Medical Internet Research: Research Protocols*. 2015;4(4):e121. PMID: 4704971.
 73. Chen HY*, **Saczynski JS**, Lapane KL, Kiefe CI, Goldberg RJ. Adherence to evidence-based secondary prevention pharmacotherapy in patients after an acute coronary syndrome: A systematic review. *Heart & Lung: The Journal of Acute and Critical Care*. 2015;44(4):299-308.
 74. Spencer FA, Gurwitz JH, Schulman S, Linkins LA, Crowther MA, Ginsberg JS, Lee AY, **Saczynski JS**, Anand S, Lessard D, Emery C, Huang W*, Goldberg RJ. Venous thromboembolism in older adults: A community-based study. *American Journal of Medicine*. 2014;127(6):530-537 e533.
 75. **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. PMID: 3959564.

76. **Saczyński JS**, Kiefe CI. Dawning of a new era: understanding the functional outcomes of cardiovascular disease. *Circulation: Cardiovascular Quality and Outcomes*. 2014;7(6):812-814. PMID: 4277152.
77. **Saczyński JS**, Inouye SK, Kosar CM*, Tommet D, Marcantonio ER, Fong T, Hshieh T, Vasunilashorn S, Metzger ED, Schmitt E, Alsup DC, Jones RN, Group 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. PMID: 26361198
78. Levin SN*, Hajduk AM*, McManus DD, Darling CE, Gurwitz JH, Spencer FA, Goldberg RJ, **Saczyński JS**. Cognitive status in patients hospitalized with acute decompensated heart failure. *American Heart Journal*. 2014;168(6):917-923. PMID: 4856016.
79. Kosar CM*, Tabloski PA, Trivison TG, Jones RN, Schmitt EM, Puelle MR*, Inloes JB, **Saczyński JS**, Marcantonio ER, Meagher D, Reid MC, Inouye SK. Effect of Preoperative Pain and Depressive Symptoms on the Development of Postoperative Delirium. *Lancet Psychiatry*. 2014;1(6):431-436. PMID: 4307613.
80. Inouye SK, Westendorp RG, **Saczyński JS**, Kimchi EY, Cleinman AA. Delirium in elderly people--authors' reply. *Lancet*. 2014;383(9934):2045.
81. Inouye SK, Westendorp RG, **Saczyński JS**. Delirium in elderly people. *Lancet*. 2014;383(9920):911-922. PMID: 4120864.
82. Inouye SK, Kosar CM*, Tommet D, Schmitt EM, Puelle MR*, **Saczyński JS**, Marcantonio ER, Jones RN. The CAM-S: development and validation of a new scoring system for delirium severity in 2 cohorts. *Annals of Internal Medicine*. 2014;160(8):526-533. PMID: 4038434.
83. Chen HY*, McManus DD, **Saczyński JS**, Gurwitz JH, Gore JM, Yarzebski J, Goldberg RJ. Characteristics, treatment practices, and in-hospital outcomes of older adults hospitalized with acute myocardial infarction. *Journal of the American Geriatrics Society*. 2014;62(8):1451-1459. PMID: 4135447.
84. Chen CC, **Saczyński J**, Inouye SK. The modified Hospital Elder Life Program: adapting a complex intervention for feasibility and scalability in a surgical setting. *Journal of Gerontological Nursing*. 2014;40(5):16-22. PMID: 24443887
85. Chen CC, Chen CN, Lai IR, Huang GH, **Saczyński JS**, Inouye SK. Effects of a modified Hospital Elder Life Program on frailty in individuals undergoing major elective abdominal surgery. *Journal of the American Geriatrics Society*. 2014;62(2):261-268. PMID: 3945439.
86. Tjia J, Allison J, **Saczyński JS**, Tisminetzky M, Givens JL, Lapane K, Lessard D, Goldberg RJ. Encouraging trends in acute myocardial infarction survival in the oldest old. *American Journal of Medicine*. 2013;126(9):798-804. PMID: 3840395.
87. **Saczyński JS**, McManus DD, Goldberg RJ. Commonly used data-collection approaches in clinical research. *American Journal of Medicine*. 2013;126(11):946-950. PMID: 3827694.
88. **Saczyński JS**, Go AS, Magid DJ, Smith DH, McManus DD, Allen L, Ogarek J, Goldberg RJ, Gurwitz JH. Patterns of comorbidity in older adults with heart failure: the Cardiovascular Research Network PRESERVE study. *Journal of the American Geriatrics Society*. 2013;61(1):26-33. PMID: 3888104.
89. McManus DD, **Saczyński JS**, Lessard D, Kinno M, Pidikiti R, Esa N*, Harrington J, Goldberg RJ. Recent trends in the incidence, treatment, and prognosis of patients with heart failure and atrial fibrillation (the Worcester Heart Failure Study). *American Journal of Cardiology*. 2013;111(10):1460-1465. PMID: 4127486.
90. McManus DD, Hsu G, Sung SH, **Saczyński JS**, Smith DH, Magid DJ, Gurwitz JH, Goldberg RJ, Go AS, Cardiovascular Research Network PS. Atrial fibrillation and outcomes in heart failure with preserved versus reduced left ventricular ejection fraction. *Journal of the American Heart Association*. 2013;2(1):e005694. PMID: 3603249.
91. Hajduk AM*, Lemon SC, McManus DD, Lessard DM, Gurwitz JH, Spencer FA, Goldberg RJ, **Saczyński JS**. Cognitive impairment and self-care in heart failure. *Clinical Epidemiology*. 2013;5:407-416. PMID: 3810196.

92. Hajduk AM*, Kiefe CI, Person SD, Gore JG, **Saczynski JS**. Cognitive change in heart failure: a systematic review. *Circulation: Cardiovascular Quality and Outcomes*. 2013;6(4):451-460. PMID: 3872030.
93. Gurwitz JH, Magid DJ, Smith DH, Goldberg RJ, McManus DD, Allen LA, **Saczynski JS**, Thorp ML, Hsu G, Sung SH, Go AS. Contemporary prevalence and correlates of incident heart failure with preserved ejection fraction. *The American Journal of Medicine*. 2013;126(5):393-400. PMID: 3627730.
94. Goldberg RJ, Gurwitz JH, **Saczynski JS**, Hsu G, McManus DD, Magid DJ, Smith DH, Go AS, Investigators CPH. Comparison of medication practices in patients with heart failure and preserved versus those with reduced ejection fraction (from the Cardiovascular Research Network [CVRN]). *American Journal of Cardiology*. 2013;111(9):1324-1329. PMID: 3640739.
95. Darling C, **Saczynski JS**, McManus DD, Lessard D, Spencer FA, Goldberg RJ. Delayed hospital presentation in acute decompensated heart failure: clinical and patient reported factors. *Heart & Lung: The Journal of Acute and Critical Care*. 2013;42(4):281-286. PMID: 3706507.
96. Chen HY*, **Saczynski JS**, McManus DD, Lessard D, Yarzebski J, Lapane KL, Gore JM, Goldberg RJ. The impact of cardiac and noncardiac comorbidities on the short-term outcomes of patients hospitalized with acute myocardial infarction: a population-based perspective. *Clinical Epidemiology*. 2013;5:439-448. PMID: 3825685.
97. Chang M, **Saczynski JS**, Snaedal J, Bjornsson S, Einarsson B, Garcia M, Aspelund T, Siggeirsdottir K, Gudnason V, Launer LJ, Harris TB, Jonsson PV. Midlife physical activity preserves lower extremity function in older adults: age gene/environment susceptibility-Reykjavik study. *Journal of the American Geriatrics Society*. 2013;61(2):237-242. PMID: 4205047.
98. Allen LA, Magid DJ, Gurwitz JH, Smith DH, Goldberg RJ, **Saczynski J**, Thorp ML, Hsu G, Sung SH, Go AS. Risk factors for adverse outcomes by left ventricular ejection fraction in a contemporary heart failure population. *Circulation Heart Failure*. 2013;6(4):635-646. PMID: 3826979.
99. Waring ME, McManus RH*, **Saczynski JS**, Anatchkova MD, McManus DD, Devereaux RS, Goldberg RJ, Allison JJ, Kiefe CI, Investigators T-C. Transitions, Risks, and Actions in Coronary Events--Center for Outcomes Research and Education (TRACE-CORE): design and rationale. *Circulation: Cardiovascular Quality and Outcomes*. 2012;5(5):e44-50. PMID: 3447180.
100. **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. PMID: 3433229.
101. **Saczynski JS**, Gabbay E, McManus DD, McManus R, Gore JM, Gurwitz JH, Lessard D, Goldberg RJ. Increase in the proportion of patients hospitalized with acute myocardial infarction with do-not-resuscitate orders already in place between 2001 and 2007: a nonconcurrent prospective study. *Clinical Epidemiology*. 2012;4:267-274. PMID: 3484503.
102. **Saczynski JS**, Andrade SE, Harrold LR, Tjia J, Cutrona SL, Dodd KS*, Goldberg RJ, Gurwitz JH. A systematic review of validated methods for identifying heart failure using administrative data. *Pharmacoepidemiology and Drug Safety*. 2012;21 Suppl 1:129-140. PMID: 3808171.
103. McManus DD, **Saczynski JS**, Ward JA, Jaggi K, Bourrell P, Darling C, Goldberg RJ. The relationship between atrial fibrillation and chronic kidney disease: epidemiologic and pathophysiologic considerations for a dual epidemic. *Journal of Atrial Fibrillation*. 2012;2(11). PMID: 28496745.
104. McManus DD, Nguyen HL*, **Saczynski JS**, Tisminetzky M, Bourell P, Goldberg RJ. Multiple cardiovascular comorbidities and acute myocardial infarction: temporal trends (1990-2007) and impact on death rates at 30 days and 1 year. *Clinical Epidemiology*. 2012;4:115-123. PMID: 3372969.

105. McManus DD, Huang W*, Domakonda KV, Ward J, **Saczynski JS**, Gore JM, Goldberg RJ. Trends in atrial fibrillation in patients hospitalized with an acute coronary syndrome. *American Journal of Medicine*. 2012;125(11):1076-1084. PMID: 3524515.
106. Masoudi FA, Go AS, Magid DJ, Cassidy-Bushrow AE, Doris JM, Fiocchi F, Garcia-Montilla R, Glenn KA, Goldberg RJ, Gupta N, Gurwitz JH, Hammill SC, Hayes JJ, Jackson N, Kadish A, Lauer M, Miller AW, Multerer D, Peterson PN, Reifler LM, Reynolds K, **Saczynski JS**, Schuger C, Sharma PP, Smith DH, Suits M, Sung SH, Varosy PD, Vidaillet HJ, Greenlee RT. Longitudinal study of implantable cardioverter-defibrillators: methods and clinical characteristics of patients receiving implantable cardioverter-defibrillators for primary prevention in contemporary practice. *Circulation: Cardiovascular Quality and Outcomes*. 2012;5(6):e78-85. PMID: 3526187.
107. Gross AL*, Parisi JM*, Spira AP, Kueider AM, Ko JY, **Saczynski JS**, Samus QM, Rebok GW. Memory training interventions for older adults: a meta-analysis. *Aging & Mental Health*. 2012;16(6):722-734. PMID: 3430800.
108. Goldberg RJ, Lamusta J, Darling C, DeWolf M, **Saczynski JS**, Lessard D, Ward J, Gore JM. Community trends in the use and characteristics of persons with acute myocardial infarction who are transported by emergency medical services. *Heart & Lung: The Journal of Acute and Critical Care*. 2012;41(4):323-331. PMID: 3387334.
109. Bertrand RM, **Saczynski JS**, Mezzacappa C*, Hulse M, Ensrud K, Fredman L. Caregiving and cognitive function in older women: evidence for the healthy caregiver hypothesis. *Journal of Aging and Health*. 2012;24(1):48-66. PMID: 4023537.
110. Andrade SE, Harrold LR, Tjia J, Cutrona SL, **Saczynski JS**, Dodd KS*, Goldberg RJ, Gurwitz JH. A systematic review of validated methods for identifying cerebrovascular accident or transient ischemic attack using administrative data. *Pharmacoepidemiology and Drug Safety*. 2012;21 Suppl 1:100-128. PMID: 3412674.
111. Waring ME, **Saczynski JS**, McManus D, Zacharias M, Lessard D, Gore JM, Goldberg RJ. Weight and mortality following heart failure hospitalization among diabetic patients. *American Journal of Medicine*. 2011;124(9):834-840. PMID: 3160602.
112. Parisi JM*, Gross AL*, Rebok GW, **Saczynski JS**, Crowe M, Cook SE, Langbaum JB, Sartori A, Unverzagt FW. Modeling change in memory performance and memory perceptions: findings from the ACTIVE study. *Psychology and Aging*. 2011;26(3):518-524. PMID: 3168728.
113. Nguyen HL*, **Saczynski JS**, Gore JM, Waring ME, Lessard D, Yarzebski J, Reed G, Spencer FA, Li SX, Goldberg RJ. Long-term trends in short-term outcomes in acute myocardial infarction. *The American Journal of Medicine*. 2011;124(10):939-946. PMID: 3185241.
114. McManus DD, Chinali M, **Saczynski JS**, Gore JM, Yarzebski J, Spencer FA, Lessard D, Goldberg RJ. 30-year trends in heart failure in patients hospitalized with acute myocardial infarction. *The American Journal of Cardiology*. 2011;107(3):353-359. PMID: 3053528.
115. Dodd KS*, **Saczynski JS**, Zhao Y, Goldberg RJ, Gurwitz JH. Exclusion of older adults and women from recent trials of acute coronary syndromes. *Journal of the American Geriatrics Society*. 2011;59(3):506-511. PMID: 3377382.
116. Yu B, **Saczynski JS**, Launer L. Multiple imputation for estimating the risk of developing dementia and its impact on survival. *Biometrical Journal Biometrische Zeitschrift*. 2010;52(5):616-627. PMID: 3238391.
117. **Saczynski JS**, Lessard D, Spencer FA, Gurwitz JH, Gore JM, Yarzebski J, Goldberg RJ. Declining length of stay for patients hospitalized with AMI: impact on mortality and readmissions. *The American Journal of Medicine*. 2010;123(11):1007-1015. PMID: 3107253.
118. **Saczynski JS**, Beiser A, Seshadri S, Auerbach S, Wolf PA, Au R. Depressive symptoms and risk of dementia: the Framingham Heart Study. *Neurology*. 2010;75(1):35-41. PMID: 2906404.
119. Nguyen HL*, **Saczynski JS**, Gore JM, Goldberg RJ. Age and sex differences in duration of prehospital delay in patients with acute myocardial infarction: a systematic

- review. *Circulation: Cardiovascular Quality and Outcomes*. 2010;3(1):82-92. PMID: 3072277.
120. Nguyen HL*, Gore JM, **Saczynski JS**, Yarzebski J, Reed G, Spencer FA, Goldberg RJ. Age and sex differences and 20-year trends (1986 to 2005) in prehospital delay in patients hospitalized with acute myocardial infarction. *Circulation: Cardiovascular Quality and Outcomes*. 2010;3(6):590-598. PMID: 3072274.
 121. Chang M, Jonsson PV, Snaedal J, Bjornsson S, **Saczynski JS**, Aspelund T, Eiriksdottir G, Jonsdottir MK, Lopez OL, Harris TB, Gudnason V, Launer LJ. The effect of midlife physical activity on cognitive function among older adults: AGES--Reykjavik Study. *The Journals of Gerontology Series A, Biological Sciences and Medical Sciences*. 2010;65(12):1369-1374. PMID: 2990266.
 122. **Saczynski JS**, Sigurdsson S, Jonsdottir MK, Eiriksdottir G, Jonsson PV, Garcia ME, Kjartansson O, Lopez O, van Buchem MA, Gudnason V, Launer LJ. Cerebral infarcts and cognitive performance: importance of location and number of infarcts. *Stroke*. 2009;40(3):677-682. PMID: 3244834.
 123. **Saczynski JS**, Sigurdsson S, Jonsson PV, Eiriksdottir G, Olafsdottir E, Kjartansson O, Harris TB, van Buchem MA, Gudnason V, Launer LJ. Glycemic status and brain injury in older individuals: the age gene/environment susceptibility-Reykjavik study. *Diabetes Care*. 2009;32(9):1608-1613. PMID: 2732166.
 124. **Saczynski JS**, McManus D, Zhou Z, Spencer F, Yarzebski J, Lessard D, Gore JM, Goldberg RJ. Trends in atrial fibrillation complicating acute myocardial infarction. *American Journal of Cardiology*. 2009;104(2):169-174. PMID: 4565159.
 125. **Saczynski JS**, Darling CE, Spencer FA, Lessard D, Gore JM, Goldberg RJ. Clinical features, treatment practices, and hospital and long-term outcomes of older patients hospitalized with decompensated heart failure: The Worcester Heart Failure Study. *Journal of the American Geriatrics Society*. 2009;57(9):1587-1594. PMID: 3112012.
 126. Palm WM*, **Saczynski JS**, van der Grond J, Sigurdsson S, Kjartansson O, Jonsson PV, Eiriksdottir G, Gudnason V, Admiraal-Behloul F, Launer LJ, van Buchem MA, Age GES-RS. Ventricular dilation: association with gait and cognition. *Annals of Neurology*. 2009;66(4):485-493. PMID: 4530517.
 127. Goldberg RJ, Darling C, Joseph B, **Saczynski J**, Chinali M, Lessard D, Pezzella S, Spencer FA. Epidemiology of decompensated heart failure in a single community in the northeastern United States. *American Journal of Cardiology*. 2009;104(3):377-382. PMID: 2730824.
 128. **Saczynski JS**, Yarzebski J, Lessard D, Spencer FA, Gurwitz JH, Gore JM, Goldberg RJ. Trends in prehospital delay in patients with acute myocardial infarction (from the Worcester Heart Attack Study). *American Journal of Cardiology*. 2008;102(12):1589-1594. PMID: 2632574.
 129. **Saczynski JS**, Spencer FA, Gore JM, Gurwitz JH, Yarzebski J, Lessard D, Goldberg RJ. Twenty-year trends in the incidence of stroke complicating acute myocardial infarction: Worcester Heart Attack Study. *Archives of Internal Medicine*. 2008;168(19):2104-2110. PMID: 2717800.
 130. **Saczynski JS**, Jonsdottir MK, Sigurdsson S, Eiriksdottir G, Jonsson PV, Garcia ME, Kjartansson O, van Buchem MA, Gudnason V, Launer LJ. White matter lesions and cognitive performance: the role of cognitively complex leisure activity. *The Journals of Gerontology Series A, Biological Sciences and Medical Sciences*. 2008;63(8):848-854. PMID: 18772473
 131. **Saczynski JS**, Jonsdottir MK, Garcia ME, Jonsson PV, Peila R, Eiriksdottir G, Olafsdottir E, Harris TB, Gudnason V, Launer LJ. Cognitive impairment: an increasingly important complication of type 2 diabetes: the age, gene/environment susceptibility--Reykjavik study. *American Journal of Epidemiology*. 2008;168(10):1132-1139. PMID: 2727243.
 132. Carlson MC, **Saczynski JS**, Rebok GW, Seeman T, Glass TA, McGill S, Tielsch J, Frick KD, Hill J, Fried LP. Exploring the effects of an "everyday" activity program on executive function and memory in older adults: Experience Corps. *The Gerontologist*. 2008;48(6):793-801.

133. **Saczynski JS**, White L, Peila RL, Rodriguez BL, Launer LJ. The relation between apolipoprotein A-I and dementia: the Honolulu-Asia aging study. *American Journal of Epidemiology*. 2007;165(9):985-992.
134. **Saczynski JS**, Rebok GW, Whitfield KE, Plude DL. Spontaneous production and use of mnemonic strategies in older adults. *Experimental Aging Research*. 2007;33(3):273-294.
135. **Saczynski JS**, Pfeifer LA, Masaki K, Korf ES, Laurin D, White L, Launer LJ. The effect of social engagement on incident dementia: the Honolulu-Asia Aging Study. *American Journal of Epidemiology*. 2006;163(5):433-440.
136. Coppin AK, Shumway-Cook A, **Saczynski JS**, Patel KV, Ble A, Ferrucci L, Guralnik JM. Association of executive function and performance of dual-task physical tests among older adults: analyses from the InChianti study. *Age & Ageing*. 2006;35(6):619-624. PMID: 2645642.
137. Bertrand RM, Fredman L, **Saczynski J**. Are all caregivers created equal? Stress in caregivers to adults with and without dementia. *Journal of Aging and Health*. 2006;18(4):534-551.
138. Diehl M, Marsiske M, Horgas AL, Rosenberg A, **Saczynski JS**, Willis SL. The Revised Observed Tasks of Daily Living: A Performance-Based Assessment of Everyday Problem Solving in Older Adults. *Journal of Applied Gerontology*. 2005;24(3):211-230. PMID: 2153442.
139. **Saczynski JS**, Rebok GW, Whitfield KE, Plude DL. Effectiveness of CD-ROM memory training as a function of within-session autonomy. *Cognitive Technology*. 2004;9(1):24-32.
140. **Saczynski JS**, Rebok GW. Strategies for memory improvement in older adults. *Topics in Advanced Practice Nursing eJournal*. 2004;4(1).
141. **Saczynski JS**, Margrett JA, Willis SL. Older adults strategic behavior: Effects of individual versus collaborative cognitive training. *Educational Gerontology*. 2004;30(7):587-610.
142. Holtzman RE, Rebok GW, **Saczynski JS**, Kouzis AC, Wilcox Doyle K, Eaton WW. Social network characteristics and cognition in middle-aged and older adults. *The Journals of Gerontology Series B, Psychological Sciences and Social Sciences*. 2004;59(6):P278-284.
143. **Saczynski JS**, Willis SL, Schaie KW. Strategy use in reasoning training with older adults. *Aging, Neuropsychology, and Cognition*. 2002;9(1):48-60.

Books & Chapters

1. Mailhot T, **Saczynski JS**, Inouye SK. Delirium. (2020) In D. Steffens, D. Blazer & M.Thakur (Ed.) *Textbook of Geriatric Psychiatry*. Arlington, VA: American Psychiatric Publishing
2. **Saczynski JS** & Inouye SK. Delirium. (2013) In D. Steffens, D. Blazer & M.Thakur (Ed.) *Textbook of Geriatric Psychiatry*. Arlington, VA: American Psychiatric Publishing
3. **Saczynski JS** & Bertrand RB. Depression and dementia. 2011. In P. McNamara (Ed.), *Dementia: Volume 3: Treatments and developments*. Santa Barbara, CA: Praeger Publishers.
4. Rebok GW, Parisi JM*, Gross AL*, Ko J, Spira AP, Samus QM, **Saczynski JS**, Koh S, & Holtzman RE. Evidence-based psychological treatments for improving memory function among older adults. In press. In F. Scogin (Ed.), *Evidence-based psychological treatments for older adults*. Washington, DC: American Psychological Association.

Invited Presentations and Colloquia

1. Post-operative cognitive trajectory following delirium. Presentation at the Joint General Surgery-Anesthesia-Orthopedics Grand Rounds Delirium Scientific Symposium, Brigham and Women's Hospital, Boston, MA. October, 2011.
2. Epidemiologic approaches to studying brain aging. Aging Research Center; Karolinska Institute; Stockholm, Sweden. May, 2007.

3. Cognition and brain aging: Socio-behavioral factors. Presentation at the Department of Mental Health Colloquium Series, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD. October, 2006.
4. Memory & Aging. Presentation at 'Mental Calisthenics' Workshop. Smithsonian Institute, Washington, DC. July, 2005.
5. Memory Improvement in middle aged and older adults. Keynote speaker at 'Dementia, Memory Improvement and Brain Maintenance' seminar, Meharry Medical College, Nashville, TN. April 2005.
6. Strategic behavior in middle aged and older adults: Production or processing deficiency? Presentation at the Department of Mental Health Colloquium Series, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD. April, 2003.
7. Memory Works: A computerized training program for older adults. Presentation at the Gerontology Center Colloquium Series, The Pennsylvania State University, University Park, PA. February, 2003.

Conference Presentations (Selected)

1. Forrester S, **Saczynski JS**, McManus DM, Pierre-Louis I, Bamgbade B, Kiefe CI. Race, biological age and cognition: The Systematic Assessment of Geriatric Elements Study. Gerontological Society of America Annual Meeting 2019. Austin, TX Poster Presentation.
2. Lu D*, Woolley AB, Reid DJ, **Saczynski J**. Evaluating patient knowledge and utilization of medication disposal in a Chinatown community pharmacy. American Association of Colleges of Pharmacy annual meeting New York, NY. October 2019. Poster Presentation
3. Aldrugh S, Sanghai S*, Waring M, Kiefe C, Goldberg R, Gurwitz J, Lessard D, Parish D, Helm R, Sogade F, Hayward R, Mailhot T, Barton B, **Saczynski J**, McManus D. Geriatric Elements and Prescription of Warfarin versus Direct Oral Anticoagulants among Older Adults with AF: The SAGE-AF Study. American College of Cardiology Annual Scientific Sessions and Expo. March, 2019. Poster Presentation.
4. Sanghai S*, Aldrugh S, Waring M, Kiefe C, Goldberg R, Gurwitz J, Lessard D, Parish D, Awad H, Sogade F, Helm R, Hayward R, McManus D, **Saczynski J**. Association Between Geriatric Elements and Oral Anticoagulant Prescribing Among Older Adults with Atrial Fibrillation: Data from the SAGE-AF Study. American College of Cardiology Scientific Sessions and Expo. March, 2019. Poster Presentation.
5. Waring ME, Lessard DM, **Saczynski JS**, Kiefe CI, McManus DD. Characteristics associated with interest in digital disease support among older adults with atrial fibrillation. 40th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine. March, 2019. Poster Presentation.
6. Bor, S., Druker, I., Long-Faizo, B., Carlson A, **Saczynski J**. Comprehensive review of CHA2DS2-VASc, ATRIA, and HAS BLED risk scores and the implications for anticoagulant prescribing practice in the clinical setting, Academic, American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting, December, 2017. Poster Presentation.
7. Chuan, M., Madhavaiya, N., Shah, R., Carlson, A. **Saczynski, J.**, Underprescribing of oral anticoagulant therapy in frail, elderly patients: a look into depression, cognitive impairment, and fall risk. Academic, American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting December, 2017. Poster Presentation.
8. Yeon, H, Darling, C, **Saczynski, J**. Differences in delirium detection rates in dementia vs non-dementia patients using the FAM-CAM in the emergency department. Poster, Academic, Peer Reviewed, Conference/Mtg Name: International Society for Pharmacoeconomics and Outcomes Research. May, 2017. Poster Presentation.
9. Cizginer S, Jones RN, Inouye SK, Maracantonio E, Vasunilashorn SM, **Saczynski JS**. Testing the Brain Reserve Hypothesis in Delirium. Annual Meeting of the Gerontological Society of America. November, 2016. Poster Presentation.

Grant Funding*Active*

R01HL137794-01A1 (PI: Yu) 04/01/2018 – 03/31/2023
 NIH/NHLBI \$ 3,279,025

Detecting bleeding events using EHRs for prediction in Afib (DEEP-AF)

This project will leverage novel biomedical natural language processing (NLP) approaches to integrate bleeding-related information from both the structured and unstructured EHR records and statistical and deep learning approaches to predict risk of bleeding on AF patients on AC therapy. DEEP-AF will address present knowledge gaps to accurately identify bleeding events from longitudinal electronic health records and to improve bleeding prediction accuracy and focus on modifiable, clinically relevant risk factors, thereby facilitating future large-scale comparative effectiveness studies evaluating AC agents, and helping clinicians develop better approaches to weighing AC risks and benefits.

Role: Co-Investigator, 10% effort

R01HL137734-01A1 (PI: McManus) 04/15/2018 – 02/28/2022
 NIH/NHLBI \$ 3,069,044

Smartwatch monitoring for atrial fibrillation after stroke (PULSEWATCH)

The overall objective of this project is to enhance paroxysmal AF detection by enhancing and testing Pulsewatch, an innovative, smartwatch-based technology for long-term rhythm monitoring of stroke patients.

Role: Co-Investigator, 15% effort

R21 AG057979 (PI: Briesacher) 07/01/2018 – 06/30/2022
 NIH/NIA \$ 408,218

Clarifying the relationship between delirium and Alzheimer's disease and related dementias

Delirium is common in older hospitalized adults admitted to nursing homes to recover, and is associated with negative complications including potentially misdiagnosed Alzheimer's disease, psychoactive prescribing and permanent placement. This nationwide and longitudinal study will provide a novel and robust exploration of the critical role that appropriate nursing home care plays in downstream consequence of delirium.

Role: Co-Investigator, 10% effort

1R01HL126911-01 3/1/2016-1/31/2021
 (Saczynski/McManus)
 NIH/NIA \$4,033,978

Systematic Assessment of Geriatric Elements in Atrial Fibrillation (SAGE-AF)

This study will enroll a cohort of older patients with atrial fibrillation and conduct geriatric assessments every 6 months for 2 years during regular clinical visits. Data from geriatric assessments will be used to examine outcomes related to anticoagulation therapy and to build an interactive dashboard for anticoagulation decision making.

Role: PI

Completed

NSF-12-512 (Chon) 9/1/15-8/30/19
 NSF \$492,785

Wearable Devices for In-Home Monitoring of Patients at Risk for Heart Failure

The goals of this project are to develop novel wearable devices that are effective for heart failure and atrial fibrillation monitoring and are acceptable to older patients with these two diseases.

Role: Co-I, 15%effort

OSP2017123 01/01/2017 – 12/31/2019

Bristol-Myers Squibb \$ 342,011

Supporting use of AC through prescriber profiling of oral AC therapy for AF (SUPPORT-AF)

This project is a physician profiling and education program aimed at increasing the rate of prescribing of anticoagulants in eligible patients.

Role: Co-Investigator, 10% effort

1R21AG049239-01

(Saczynski/Darling)

9/15/2015 – 5/30/2018

NIA/NIA

\$477,827

Screening Elderly for Delirium in the Emergency Department

For this proposed study, we will develop and pilot test an intervention, Delirium Screening (D-SCREEN) in the ED, involving 300 older patients (150 newly enrolled intervention participants, 150 historical controls (comparison group) currently being collected), that has 4 key components: systematic screening for delirium using the CAM, informing providers of the screening result, a checklist protocol for initial delirium management based on clinical guidelines, and documentation of the diagnosis of delirium in the Electronic Health Record (EHR).

Role: PI

K01AG033643 (Saczynski, PI)

9/1/10 – 8/31/15

NIH/NIA

\$628,383

Medical Illness and Cognitive Impairment in Older Adults: Heart Failure as a Model

The major goals of this project are to examine the rate of cognitive impairment in patients hospitalized with decompensated heart failure and to investigate how cognitive impairment is associated with self-care activities after hospital discharge.

Role: PI

Saczynski/McManus

4/1/13 – 3/31/15

UMass Center for Clinical and

Translational Science

\$150,000

Cognitive and Psychosocial Characteristics of Patients Undergoing Treatment for Atrial Fibrillation: Relation to 6-month Clinical Outcomes

This project will examine changes psychosocial factors and cognition in relation to various treatments for atrial fibrillation.

Role: PI

U01HL105268 (Kiefe, PI)

9/30/10 - 7/31/14

NIH/NHLBI

\$1,016,265

TRACE-CORE (Transitions, Risks, and Actions in Coronary Events Center for Outcomes Research and Education)

This project will establish and follow a large cohort of patients hospitalized with acute coronary events at selected U.S. sites.

Role: Co-I, 20% effort

R21 HL108187 (Saczynski)

8/5/11-10/30/13

NIH/NHLBI

\$452,375

Psychosocial Factors and Rehospitalization after Acute Myocardial Infarction

This study will examine the association between several psychosocial factors and self-management behaviors, rehospitalization, and mortality among survivors of acute myocardial infarction.

Role: PI (20% effort)

RC2 HL101666 (Sidney, PI)

4/1/10- 9/22/10

NIH/NHLBI

\$248,724

Development of a Cardiovascular Surveillance System in the CVRN

This project will establish a surveillance system for cardiovascular disease in approximately 11 million health maintenance organization members to examine trends over time in rates of heart disease and stroke

and to address research questions relating to comparative effectiveness and to disparities in medical treatment and outcomes.

Role: Co-Investigator (10% effort)

RAND Corporation \$30,000 9/30/09-8/01/12

Cognitive Impairment in Community Dwelling Adults with Heart Failure

This project assessed cognitive function in patients enrolled in an outpatient heart failure wellness clinic.

RAND Corporation \$15,000 9/30/09-8/01/12

Cognitive Impairment and Self Care in Patients with Heart Failure

The goal of this study was to examine the association between cognitive status and self-management behavior in patients hospitalized with heart failure.

HHSF223200910006I (Andrade, PI) 2/1/09-12/31/09

FDA \$52,630

Mini-Sentinel Project

The major goal of this project was to complete a systematic review of validated algorithms to identify heart failure from administrative and claims data.

Role: Co-Investigator (5% effort)

2/8/08-12/8/08

Cardiovascular Research Network \$56,479

Complex Comorbidity Patterns in Older Patients with Heart Failure

The major goals of this project are to examine how comorbidities cluster together in older patients with heart failure and to determine whether certain clusters of comorbidities are associated with variability in treatment and clinical outcomes, such as hospitalization and death.

Role: PI

Educational Activities

Teaching Activities

<u>Systematic Review of the Scientific Literature.</u> Instructor. Population PhD program Northeastern University. 6 students at the Masters level.	2017
<u>Capstone Project Advisor.</u> Instructor. PharmD Program, Northeastern University, 15-20 students yearly at the graduate level.	2017-present 2016-present
<u>Research Methods and Biostatistics.</u> Course Coordinator and Instructor. PharmD program, Northeastern University, ~140 Students at the undergraduate level.	
<u>Scientific Writing.</u> Instructor. PhD program in Clinical and Population Health Research, University of Massachusetts Medical School, 8 students at the M.S. or M.D. level	2012 - 2015
<u>Design of Clinical and Observational Studies.</u> Instructor. Masters of Clinical Investigation Program, University of Massachusetts Medical School, 7 Students at the M.D. or Ph.D. level	2010
<u>Epidemiology and Biostatistics: Skills for critical reading of the medical literature.</u> Instructor. Department of Family Medicine and Community Health, University of Massachusetts Medical School, 12 Medical Students	2009
<u>Development Through Adulthood.</u> Instructor. Departments of Psychology and Human Development and Family Studies, The Pennsylvania State University, 50 Students at the Senior Undergraduate or early Graduate level	2000

Advising & Supervision

Isabelle Pierre-Louise, MPH (PhD candidate, Population Health, Northeastern University) Role: Dissertation advisor	2018-present
Matthew DuPrey, PharmD (PhD candidate, Population Health, Northeastern University) Role: Dissertation committee Member	2016-present

Katherine Dodd, MPH (D.O. student University of New England) Medical Student in Aging Research Awardee 2009 Role: Supervision of research project and development of peer-reviewed publication	2009
Alexandra Hajduk, PhD, MPH Clinical and Population Health Research Program, University of Massachusetts Medical School Current position: T32 Post-doctoral Fellow, Yale School of Medicine Role: Dissertation Advisor	2010 - 2014
Rebecca Kinney, PhD Program Specialist, Veterans Administration, Worcester, MA Role: Dissertation Advisor	2014 - 2018
Seth Levin, MD Medical Student in Aging Research (MSTAR) Awardee 2011 Current position: Internal Medicine Resident: BIDMC Role: Supervision of development of MSTAR application, research project and development of abstract for a national conference.	2011 - 2014
Nicholas Maselli, Medical Student, University of Massachusetts Medical School Role: Supervision of Senior Scholars Project	2011 - 2012
Benjamin Vaughan, Medical Student, University of Massachusetts Medical School Medical Student in Aging Research (MSTAR) Awardee 2012 Role: Supervision of development of MSTAR application, research project and development of abstract for a national conference.	2012

National Service and Committee Work

Reviewer, National Institute on Aging	2017-present
Leadership Committee, Meyers Primary Care Institute	2011 - 2015
Quantitative Methods Core Advisory Committee, University of Massachusetts Medical School	2012 - 2015
Education Committee, Gerontological Society of America	2013 - 2016
Curriculum Committee, Clinical and Population Health Research Program, University of Massachusetts Medical School	2014 - 2015
Admissions Committee, Clinical and Population Health Research Program, University of Massachusetts Medical School	2014 - 2015

Editorial Board Memberships

Journal of Applied Gerontology	2011 – present
Journal of the American Geriatrics Society	2014 – present

Federal Grant Review Sections

Special Emphasis Panel: StrokeNet National Institute for Neurological Disease and Stroke	2018
Neurological, Aging and Musculoskeletal Epidemiology (NAME) Study Section National Institute on Aging	2019
R03 Special Emphasis Panel National Heart Lung and Blood Institute	2020
Cognitive and Neuropathological Signatures of Alzheimer's Disease, Brain Injury and Aging Special Emphasis Panel: National Institute on Aging	2020