

CURRICULUM VITAE
The Johns Hopkins University School of Medicine

Mara McAdams DeMarco, PhD

April, 2021

DEMOGRAPHIC AND PERSONAL INFORMATION

Current Appointments

1/2021-present	Director of the Johns Hopkins Surgery Center for Outcomes Research
7/2020-present	Director of Clinical and Outcomes Research, Department of Surgery, Johns Hopkins University School of Medicine.
7/2020-present	Associate Professor, Department of Surgery, Johns Hopkins University School of Medicine.
1/2019-7/2020	Associate Professor, Department of Epidemiology, Johns Hopkins University Bloomberg School of Public Health.
7/2014-1/2019	Assistant Professor, Department of Epidemiology, Johns Hopkins University Bloomberg School of Public Health.
9/2013-7/2014	Assistant Professor, Department of Surgery, Johns Hopkins University School of Medicine.
8/2011-8/2013	Instructor, Department of Surgery, Johns Hopkins University School of Medicine.
1/2009-7/2011	Student Research Assistant, Department of Epidemiology, Johns Hopkins University Bloomberg School of Public Health.
9/2005-6/2006	Research Assistant, Department of Epidemiology, Harvard University School of Public Health.
8/2004-5/2005	Research Assistant, Department of Epidemiology, Harvard University School of Public Health.

Other

7/2006-8/2008	Epidemiology and Policy ORISE Fellow, US Food & Drug Administration.
6/2005-8/2005	Epidemiology Intern, US Food & Drug Administration.

Personal Data

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Education and Training

Undergraduate

2004	B.S., Statistics/Spanish, Carnegie Mellon, Pittsburgh, PA; high honors
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Doctoral/Graduate

2006	M.S., Epidemiology, Harvard School of Public Health, Boston, MA
2011	Ph.D., Epidemiology, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

Postdoctoral

N/A

Professional Experience

N/A

PUBLICATIONS

Original Research [OR]

1. **McAdams MA**, Van Dam RM, Hu FB. Comparison of self-reported and measured BMI as correlates of disease markers in US adults. *Obesity*. 2007;15(1):188-196.
2. **McAdams MA**, Staffa JA, Dal Pan GJ. The concomitant prescribing of ethinyl estradiol/drospirenone and potentially interacting drugs. *Contraception*. 2007;76(4):278-281.
3. **McAdams MA**, Staffa JA, Dal Pan GJ. Estimating the extent of reporting to FDA: A case study of statin-associated rhabdomyolysis. *Pharmacoepidemiology and Drug Safety*. 2008;17(3):229-239.
4. **McAdams MA**, Governale LA, Swartz L, Hammad T, Dal Pan GJ. Identifying patterns of adverse event reporting for four members of the angiotensin II receptor blockers class of drugs: revisiting the Weber Effect. *Pharmacoepidemiology and Drug Safety*. 2008;17(9):882-889.
5. Hammad TA, **McAdams MA**, Feight A, Iyasu S, Dal Pan GJ. Determining the predictive value of Read/OXMIS codes to identify incident acute myocardial infarction in the General Practice Research Database. *Pharmacoepidemiology and Drug Safety*. 2008;17(12):1197-1201.
6. Hernán MA, **McAdams MA**, McGrath N, Lanoy E, Costagliola D. Observation plans for longitudinal studies with time-varying treatments. *Statistical Methods in Medical Research*. 2009;18(1):27-52.
7. Akoudad S, Szklo M, **McAdams MA**, Fulop T, Kao WHL, Coresh J, Köttgen A. Correlates of kidney stone disease in a multi-ethnic middle aged population. *Preventive Medicine*. 2010;51(5):416-20.
8. **McAdams MA**, Maynard JW, Baer AN, Köttgen A, Coresh J, Gelber AC. Reliability and sensitivity of the self-report of physician-diagnosed gout in CLUE II and ARIC Cohorts. *Journal of Rheumatology*. 2011;38(1):135-41.
9. **McAdams DeMarco MA**, Maynard JW, Baer AN, Köttgen A, Coresh J, Gelber AC. Obesity and younger age at gout onset in a community-based cohort. *Arthritis Care and Research*. 2011;63(8):1108-14.
10. **McAdams DeMarco MA**, Coresh J, Woodward M, Butler KR, Kao L, Mosley T Jr., Hindin M, and Anderson CAM. Hypertension status, treatment and control among spouse pairs in a middle-aged adult cohort. *American Journal of Epidemiology*. 2011;174(7):790-6.
11. **McAdams DeMarco MA**, Maynard JW, Baer AN, Gelber AC, Young JH, Alonso A, Coresh J. Diuretic use, increased serum urate levels, and risk of incident gout in a population-based study of adults with hypertension: The ARIC cohort study. *Arthritis and Rheumatism*. 2012;64(4):121-9.
12. Maynard JW, **McAdams DeMarco MA**, Baer AN, Coresh J, Gelber AC. Incident gout in women and association with obesity in Atherosclerosis Risk in Communities (ARIC) Study. *American Journal of Medicine*. 2012;125(7):717-9.
13. **McAdams DeMarco MA**, Maynard JW, Coresh J, Baer AN. Anemia and the onset of gout in a population-based cohort of adults: Atherosclerosis Risk in Communities (ARIC) Study. *Arthritis Research and Therapy*. 2012;14(4):R193.
14. Grams ME, **McAdams DeMarco MA**, Kucirka LM, Segev DL. Recipient age and time spent hospitalized in the year before and after kidney transplantation. *Transplantation*. 2012;94(7):750-6.
15. **McAdams DeMarco MA**, Grams ME, Hall EC, Coresh J, Segev DL. Early hospital readmission after kidney transplantation: patient and center-level associations. *American Journal of Transplantation*. 2012;12(12):3283-6.
16. **McAdams-DeMarco MA**, Law A, Garonzik Wang JM, Gimenez L, Jaar B, Walston J, Segev DL. Activities of daily living disability and dialysis mortality: better prediction using metrics of aging. *Journal of the American Geriatrics Society*. 2012;60(10):1981-2.

17. **McAdams DeMarco MA**, Maynard JW, Baer AN, Kao L, Köttgen A, Coresh J. A urate gene-by-diuretic interaction and gout risk in the ARIC study. *Annals of Rheumatic Diseases*. 2013;75(5):701-6.
18. **McAdams DeMarco MA**, Maynard JW, Coresh J, Baer AN. Hypertension and the risk of incident gout in a population-based study: The Atherosclerosis Risk in Communities (ARIC) Cohort. *Journal of Clinical Hypertension*. 2012;14(10):675-9.
19. **McAdams-DeMarco MA**, Law A, Garonzik Wang JM, Jaar B, Walston J, Segev DL. Frailty as a novel predictor of mortality and hospitalization in individuals of all ages undergoing hemodialysis. *Journal of the American Geriatrics Society*. 2013;61(6):896-901.
20. **McAdams-DeMarco MA**, Law A, Salter M, Chow E, Grams M, Walston J, Segev DL. Frailty and early hospital readmission after kidney transplantation. *American Journal of Transplantation*. 2013;13(8): 2091-5.
21. **McAdams-DeMarco MA**, Suresh S, Law A, Salter M, Gimenez LF, Jaar BG, Walston J, Segev DL. Frailty and falls among adult patients undergoing chronic hemodialysis: a Prospective cohort study. *Biomedical Central Nephrology*. 2013;14:224.
22. Maynard JW*, **McAdams-DeMarco MA***, Law A, Kao L, Gelber AC, Coresh J, Baer AN. Racial differences in gout incidence in a population-based cohort: Atherosclerosis Risk in Communities Study. *American Journal of Epidemiology*. 2014;179(5):576-583.
23. **McAdams-DeMarco MA**, Grams ME, King E, Desai NM, Segev DL. Sequelae of early hospital readmission after kidney transplantation. *American Journal of Transplantation*. 2013;14(2):397-403.
24. **McAdams-DeMarco MA**, Law A, Maynard JW, Coresh J, Baer AN. Risk factors for incident hyperuricemia during mid-adulthood in African American and white men and women enrolled in the ARIC cohort study. *BMC Musculoskeletal Disorders*. 2013;14:347.
25. Juraschek SP, **McAdams-DeMarco MA**, Miller ER, Gelber AC, Maynard JW, Pankow JS, Young JH, Coresh J, Selvin E. Temporal relationship between uric acid and diabetes in a community-based population. *American Journal of Epidemiology*. 2014; 179: 684-91.
26. Salter ML, **McAdams-DeMarco MA**, Law A, Kamil RJ, Meoni LA, Jaar BG, Sozio SM, Kao WHL, Parekh RS, Segev DL. Age and sex disparities in discussions about kidney transplantation among dialysis patients. *Journal of the American Geriatrics Society*. 2014;62(5): 843-9.
27. Cobb LK*, **McAdams-DeMarco MA***, Huxley RA, Woodward M, Koton S, Coresh J, Anderson CAM. The association of spousal smoking status impacts the ability to quit smoking: the Atherosclerosis Risk in Communities Study (ARIC). *American Journal of Epidemiology*. 2014;179(10):1182-7.
28. Salter ML, Orandi B, **McAdams-DeMarco MA**, Law AH, Meoni LA, Jaar B, Sozio SM, Kao WHL, Parekh RS, Segev DL. Patient and provider reported information about transplantation and subsequent waitlisting. *Journal of the American Society of Nephrology*. 2014;25(12):2871-7.
29. Salter ML, Gupta N, King E, Bandeen-Roche K, Law AH, **McAdams-DeMarco MA**, Meoni LA, Jaar BG, Sozio SM, Kao WHL, Parekh RS, Segev DL. Health-related and psychosocial concerns about transplantation among patients initiating dialysis. *Clinical Journal of the American Society of Nephrology*. 2014;9(11):1940-8.
30. **McAdams-DeMarco MA**, James N, Salter ML, Walston J, Segev DL. Trends in kidney transplant outcomes in older adults. *Journal of the American Geriatrics Society*. 2014;62(12):2235-42.

31. **McAdams-DeMarco MA**, Law A, Tan J, Delp C, King E, Orandi B, Salter M, Alachkar N, Desai N, Gram M, Walston J, Segev D. Frailty, mycophenolate reduction, and graft loss in kidney transplant recipients. *Transplantation*. 2015; 99(4):805-10.
32. **McAdams-DeMarco MA**, Law A, King E, Orandi B, Salter M, Gupta N, Chow E, Alachkar N, Desai N, Varadhan R, Walston J, Segev D. Frailty and mortality in kidney transplant recipients. *American Journal of Transplantation*. 2015;15(1):149-54.
33. Jing J, Kielstein J, Schultheiss U, Sitter T, Titze S, Schaeffner E, **McAdams-DeMarco, MA**, Kronenberg F, Eckardt K, Köttgen A. Prevalence and correlates of gout in a large cohort of patients with chronic kidney disease: the GCKD Study. *Nephrology Dialysis Transplantation*. 2015;30(4):613-21.
34. Greenberg K, **McAdams-DeMarco M**, Köttgen A, Appel LJ, Coresh J, Grams ME. Plasma urate and risk of hospitalized acute kidney injury: The Atherosclerosis Risk in Communities Study. *Clinical Journal of the American Society of Nephrology*. 2015;10(5):776-783.
35. Baer AN, **McAdams-DeMarco MA**, Shiboski S, Lam MY, Challacombe S, Daniels TE, Dong Y, Greenspan JS, Kirkham BW, Lanfranchi HE, Schiødt M, Srinivasan M, Umehara H, Vivino FB, Vollenweider CF, Zhao Y, Criswell LA, Shiboski CA, for the Sjögren's International Collaborative Clinical Alliance (SICCA) Research Groups. The SSB-positive/SSA-negative antibody profile is not associated with key phenotypic features of Sjögren's syndrome. *Annals of Rheumatic Diseases*. 2015;74(8):1557-1561.
36. Salter ML, Kumar K, Law AH, Gupta N, Marks K, Balhara K, **McAdams-DeMarco MA**, Taylor LA, Segev DL. Perceptions about hemodialysis and transplantation among African American adults with end-stage renal disease: inferences from focus groups. *BMC Nephrology*. 2015;16: 49.
37. **McAdams-DeMarco MA**, Isaacs K, Darko L, Salter ML, Gupta N, King EA, Walston J, Segev DL. Changes in frailty after kidney transplantation. *Journal of the American Geriatrics Society*. 2015;63(10):2152-2157.
38. Salter ML, Gupta N, Massie AB, **McAdams-DeMarco MA**, Law AH, Jacob RL, Gimenez LF, Jaar BG, Walston JD, Segev DL. Perceived frailty and measured frailty among adults undergoing hemodialysis: A Cross-sectional analysis. *BMC Geriatrics*. 2015;15:52.
39. Cobb LK, **McAdams-DeMarco MA**, Gudzone K, Anderson CAM, Demerath E, Woodward M, Selvin E, Coresh J. Changes in body mass index and obesity risk in married couples over 25 years, the Atherosclerosis Risk in Communities (ARIC) cohort study. *American Journal of Epidemiology*. 2016;183(5):435-443.
40. Burke BT, Köttgen A, Law A, Windham BG, Segev D, Baer AN, Coresh J, **McAdams-DeMarco MA**. Physical Function, hyperuricemia, and gout in older adults enrolled in the Atherosclerosis Risk in Communities (ARIC) cohort study. *Arthritis Care and Research*. 2015; 67(12):1730-1738.
41. Daya NR, Voskertchain A, Schneider ALC, Ballew S, **McAdams-DeMarco MA**, Coresh J, Appel L, Selvin E, Grams ME. Kidney function and fracture risk: The Atherosclerosis Risk in Communities (ARIC) Study. *American Journal of Kidney Disease*. 2016;67(2):218-226.
42. King EA, Kucirka LM, **McAdams-DeMarco MA**, Massie AB, Al Ammary F, Ahmed R, Grams ME, Segev DL. Early hospital readmission after simultaneous pancreas-kidney transplantation: Patient and center-level factors. *American Journal of Transplantation*. 2016;16(2):541-549.

43. **McAdams-DeMarco MA**, Tan J, Salter M, Gross A, Meoni LA, Jaar BG, Kao WL, Parekh RS, Segev DL, Sozio SM. Frailty and cognitive function in incident hemodialysis patients. *Clinical Journal of the American Society of Nephrology*. 2015;10(12):2181-2189.
44. Wagner D, **DeMarco MM**, Amini N, Buttner S, Segev D, Gani F, Pawlik TM. Role of frailty and sarcopenia in predicting outcomes among patients undergoing gastrointestinal surgery. *World Journal of Gastrointestinal Surgery*. 2016;8(1):27-40.
45. Burke BT, Köttgen A, Law A, Grams M, Baer AN, Coresh J, **McAdams-DeMarco MA**. Gout in older adults: The Atherosclerosis Risk in Communities (ARIC) study. *The Journals of Gerontology Series A: Biological Sciences and Medical Sciences*; 2016;71(4):536-542.
46. Juraschek SP, **McAdams-DeMarco M**, Gelber AM, Sacks FM, Appel LJ, White K, Miller ER 3rd. Effects of lowering glycemic index of dietary carbohydrate on plasma uric acid: The OmniCarb Randomized Clinical Trial. *Arthritis and Rheumatology*. 2016; 68(5):1281-1289.
47. Baer AN, Medrano L, **McAdams-DeMarco M**, Gniadek TJ. Association of anticentromere antibodies with more severe exocrine glandular dysfunction in Sjögren's Syndrome: Analysis of the Sjögren's International Collaborative Clinical Alliance cohort. *Arthritis Care and Research*. 2016;68(10):1554-1559.
48. Baer AN, Kurano T, Thakur UJ, Thawait GK, Fuld MK, Maynard JW, **McAdams-DeMarco M**, Fishman EK, Carrino JA. Dual-energy computed tomography has limited sensitivity for non-tophaceous Gout: a Comparison study with tophaceous gout. *BMC Musculoskeletal Disorders*. 2016;17:91.
49. **McAdams-DeMarco MA**, Ying H, Olorundare I, King EA, Desai N, Dagher N, Lonze B, Montgomery R, Walston J, Segev DL. Frailty and health-related quality of life in ESRD patients of all ages. *Frailty and Aging*. 2016;5(3):174-179.
50. Gross AL, Xue QL, Bandeen-Roche K, Fried LP, Varadhan R, **McAdams-DeMarco MA**, Walston J, Carlson MC. Declines and impairment in executive function predict onset of physical frailty. *The Journals of Gerontology Series A: Biological Sciences and Medical Sciences*. 2016;71(12):1624-1630.
51. Kucirka LM, Durand CM, Bae S, Avery RK, Locke JE, Orandi BJ, **McAdams-DeMarco MA**, Grams ME, Segev DL. Induction immunosuppression and clinical outcomes in HIV-infected kidney transplant recipients. *American Journal of Transplantation*. 2016;16(8):2368-2376.
52. Kubota Y, **McAdams-DeMarco M**, Folsom AR. Serum uric acid, gout and venous thromboembolism: The Atherosclerosis Risk in Communities Study. *Thrombosis Research*. 2016;144:144-148.
53. Chen Y, Chang AR, **McAdams DeMarco MA**, Inkler LA, Matsushita K, Ballew SH, Coresh J, Grams ME. Serum potassium, mortality, and kidney outcomes In the Atherosclerosis Risk in Communities Study. *Mayo Clinic Proceedings*. 2016;91(10):1403-1412.
54. Tan J, Shuiqing L, Segal SB, Alexander GC, **McAdams-DeMarco MA**. Warfarin use and stroke, bleeding, and mortality risk in patients with end stage renal disease and atrial fibrillation: A systematic review and meta-analysis. *BMC Nephrology*. 2016;17(1):157.
55. Buta B, Choudhury PP, Xue Q, Chaves P, Bandeen-Roche K, Shardell M, Semba RD, Walston JD, Michos ED, Appel LJ, **McAdams DeMarco M**, Gross A, Yasar S, Ferrucci L, Fried LP, Kalyani RR. The association of vitamin D deficiency and incident frailty in older women: The role of cardiometabolic diseases. *Journal of the American Geriatrics Society*. 2017;65(3):619-624.

56. Ballew SH, Chen Y, Daya NR, Godino JG, Windham BG, **McAdams-DeMarco M**, Coresh J, Selvin E, Grams ME. Frailty, kidney function, and polypharmacy: The Atherosclerosis Risk in Communities (ARIC) Study. *American Journal of Kidney Disease*. 2017;69(2):228-236.
57. Tan J, Bae S, Segal JB, Zhu J, Segev DL, Alexander GC, **McAdams-DeMarco MA**. Treatment of atrial fibrillation with warfarin among older adults with end stage renal disease. *Journal of Nephrology*. 2017;30(6):831-839.
58. **McAdams-DeMarco M**, Ying H, Olorundare I, King EA, Haugen C, Buta B, Gross AL, Kalyani R, Desai NM, Dagher N, Lonze BE, Montgomery RA, Bandeen-Roche K, Walston J, Segev DL. Individual frailty components and mortality in kidney transplant recipients. *Transplantation*. 2017;101(9):2126-2132.
59. **McAdams-DeMarco M**, King EA, Haugen C, Luo X, DiBrito S, Shaffer A, Kucirka LM, Desai NM, Dagher N, Lonze BE, Montgomery RA, Walston J, Segev DL. Frailty, length of stay, and mortality in kidney transplant recipients: A national registry and prospective cohort study. *Annals of Surgery*. 2017;266(6):1084-1090.
60. **McAdams-DeMarco M**, Bae S, Chu N, Gross AL, Brown C, Oh E, Rosenberg P, Neufeld KJ, Varadhan R, Albert M, Walston J, Segev D. Dementia and Alzheimer's disease among older kidney transplant recipients. *Journal of the American Society of Nephrology*. 2017;28(5):1575-1583.
61. King EA, Bowring MG, Massie AB, Kucirka LM, **McAdams-DeMarco MA**, Al-Ammary F, Desai NM, Segev DL. Mortality and graft loss attributable to readmission following kidney transplantation: Immediate and long-term risk. *Transplantation*. 2017;101(10):2520-2526.
62. Nastasi AJ*, **McAdams-DeMarco MA***, Schrack J, Ying H, Olorundare I, Warsame F, Mountford A, Haugen CE, González Fernández M, Norman SP, Segev DL. Pre-Kidney transplant lower extremity impairment and post-kidney transplant mortality. *American Journal of Transplantation*. 2018;18(1):189-196.
63. **McAdams-DeMarco MA***, Olorundare IO, * Ying H, Warsame F, Haugen CE, Hall R, Garonzik-Wang JM, Desai NM, Walston JD, Norman SP, Segev DL. Frailty and postkidney transplant health-related quality of life. *Transplantation*. 2018;102(2):291-299.
64. Dharnidharka VR, Naik AS, Axelrod DA, Schnitzler MA, Zhang Z, Bae S, Segev DL, Brennan DC, Alhamad T, Ouseph R, Lam NN, Nazzal M, Randall H, Kasiske BL, **McAdams-DeMarco M**, Lentine KL. Center practice drives variation in choice of U.S. kidney transplant induction therapy: a retrospective analysis of contemporary practice. *Transplant International*. 2017;31(2):198-211.
65. Bohm C, Storsley L, Hiebert B, Tangri B, Cheskin L, **McAdams-DeMarco M**, Rigatto C. Impact of exercise counseling on physical function in chronic kidney disease: an observational study. *Canadian Journal of Kidney Health and Disease*. 2018;5:ecollection.
66. **McAdams-DeMarco MA**, Konel J, Warsame F, Ying H, González Fernández M, Carlson MC, Fine DM, Appel LJ, Segev DL. Intradialytic cognitive and exercise training to preserve cognitive function: preliminary results from a pilot randomized controlled trial. *Kidney International Reports*. 2017;3(1):81-88.
67. Tan J, Bae S, Segal SB, Zhu J, Alexander GC, Segev DL, **McAdams-DeMarco MA**. Warfarin use and the risk of stroke, bleeding, and mortality risk in older adults on dialysis with incident atrial fibrillation. *Nephrology*. 2019; 24:234-244.
68. Van Pilsum Rasmussen S, Konel J, Warsame F, Ying H, Buta B, Haugen C, King E, DiBrito S, Varadhan R, Rodriguez-Manas, Walston JD, Segev DL, **McAdams-DeMarco MA**. Engaging clinicians and patients

- to assess and improve frailty measurement in adults with end stage renal disease. *BMC Nephrology*. 2018;19(1):8.
69. Schoenborn NL, Rasmussen S, Xue QL, Walston J, **McAdams-Demarco M**, Segev D, Boyd C. Older adults' perceptions and informational needs regarding frailty. *BMC Geriatrics*. 2018;18(1):46.
70. Zheng Z, Harman JL, Coresh J, Köttgen A, **McAdams-DeMarco MA**, Correa A, Young BA, Katz R, Rebholz CM. The dietary fructose:vitamin C intake ratio is associated with hyperuricemia in African-American adults. *Journal of Nutrition*. 2018;148(3):419-426.
71. **McAdams-DeMarco MA**, Ying H, Thomas A, Warsame F, Shaffer AA, Haugen CE, Garonzik-Wang JM, Desai N, Varadhan R, Walston J, Norman SP, Segev DL. Frailty, inflammatory markers, and waitlist mortality among patients with end-stage renal disease in a prospective cohort study. *Transplantation*. 2018; 102(10):1740-1746.
72. Baksh SN, **McAdams-DeMarco M**, Segal JB, Alexander GC. Cardiovascular safety signals with Dipeptidyl Peptidase-4 Inhibitors: a disproportionality analysis among high-risk patients. *Pharmacoepidemiology and Drug Safety*. 2018;27(6):660-667.
73. Fitzpatrick J, Sozio SM, Jaar BG, Meoni LA, Estrella MM, Segev DL, Parekh RS, **McAdams-DeMarco MA**. Frailty, body composition and the risk of mortality in incident hemodialysis patients: the Predictors of Arrhythmic and Cardiovascular Risk in End Stage Renal Disease (PACE) study. *Nephrology Dialysis Transplantation*. 2019;34(2):346-354
74. Haugen CE, Mountford A, Warsame F, Berkowitz R, Bae S, Thomas A, Brown CH IV, Brennan DC, Neufeld KJ, Carlson MC, Segev DL, **McAdams-DeMarco M**. Incidence, risk factors, and sequelae of post-kidney transplant delirium. *Journal of the American Society of Nephrology*. 2018;29(6):1752-1759.
75. **McAdams-DeMarco MA**, Daubresse M, Bae S, Gross AL, Carlson MC, Segev DL. Dementia, Alzheimer's disease, and mortality after hemodialysis initiation. *Clinical Journal of the American Society of Nephrology*. 2018;13(9):1339-1347.
76. Warsame F, Haugen CE, Ying H, Garonzik-Wang JM, Desai NM, Hall RK, Kambhampati R, Crews DC, Purnell TS, Segev DL, **McAdams-DeMarco MA**. Limited Health Literacy and Adverse Outcomes Among Kidney Transplant Candidates. *American Journal of Transplantation*. 2019; 19: 457-465.
77. Nazzal M, Lentine KL, Naik AS, Ouseph R, Schnitzler MA, Zhang Z, Randall H, Dharnidharka VR, Segev DL, Kasiske BL, Hess GP, Alhamad T, **McAdams-DeMarco M**, Axelrod DA. Center-driven and clinically driven variation in US liver transplant maintenance immunosuppression therapy: a national practice patterns analysis. *Transplant Direct*. 2018;4(7):e364.
78. Haugen CE, King EA, Bae S, Bowring M, Holscher CM, Garonzik-Wang J, **McAdams-DeMarco M**, Segev DL. Early hospital readmission in older and younger kidney transplant recipients. *American Journal of Nephrology*. 2018;48(4):235-241.
79. Haugen CE, Holscher CM, Garonzik-Wang J, Pozo M, Warsame F, **McAdams-DeMarco M**, Segev DL. National trends in liver transplantation among older adults. *Journal of the American Geriatrics Society*. 2018;66(12):2321-2326.
80. Thomas AG*, Ruck JM*, Shaffer AA, Haugen CE, Ying H, Warsame F, Chu N, Carlson MC, Gross AL, Norman SP, Segev DL, **McAdams-DeMarco M**. Kidney transplant outcomes in recipients with cognitive impairment: a national registry and prospective cohort study. *Transplantation*. 2019;103(7):1504-1513.

81. Warsame F, Ying H, Haugen CE, Thomas AG, Crews DC, Shafi DC, Jaar B, Chu NM, Segev DL, **McAdams-DeMarco M**. Intradialytic activities and health-related quality of life among hemodialysis patients. *American Journal of Nephrology*. 2018;48(3):181-189.
82. Konel JM, Warsame F, Ying H, Haugen CE, Mountford A, Chu NM, Crews DC, Desai NM, Garonzik-Wang J, Walston JD, Norman SP, Segev DL, **McAdams-DeMarco M**. Depressive symptoms, frailty, and adverse outcomes among kidney transplant recipients. *Clinical Transplantation*. 2018;32(10):e13391.
83. Chu NM*, Deng A*, Ying H, Haugen CE, Garonzik-Wang J, Segev DL, **McAdams-DeMarco M**. Dynamic frailty before kidney transplantation—time of measurement matters. *Transplantation*. 2019;103(8):1700-1704.
84. Nastasi AJ*, Bryant TS*, Le JT*, Schrack J, Ying H, Haugen CE, González Fernández M, Segev DL, **McAdams-DeMarco MA**. Pre-kidney transplant lower extremity impairment and transplant length of stay: a time-to-discharge analysis of a prospective cohort study. *BMC Geriatrics*. 2018;18(1):246.
85. Sandal S, Bae S, **McAdams-DeMarco M**, Massie AB, Lentine K, Cantarovich M, Segev DL. Induction immunosuppression agents as risk factors for incident cardiovascular events and mortality after kidney transplantation. *American Journal of Transplantation*. 2019;19(4):1150-1159.
86. Daubresse M, Alexander GC, Crews DC, Segev DL, **McAdams-DeMarco M**. Trends in opioid prescribing among hemodialysis patients, 2007-2014. *American Journal of Nephrology*. 2019;49(1):20-31.
87. **McAdams-DeMarco MA**, Ying H, Van Pilsum Rasmussen S, Schrack J, Haugen CE, Chu NM, González Fernández M, Desai N, Walston JD, Segev DL. Prehabilitation prior to kidney transplantation: results from a pilot study. *Clinical Transplantation*. 2019;33(1):e13450.
88. Chu NM, Gross AL, Shaffer AA, Haugen CE, Norman SP, Xue Q, Sharrett AR, Carlson M, Bandeen-Roche K, Segev DL, **McAdams-DeMarco MA**. Frailty and changes in cognitive function after kidney transplantation. *Journal of the American Society of Nephrology*. 2019;30(2):336-345.
89. Fitzpatrick J, Sozio SM, Jaar BG, **McAdams-DeMarco MA**, Estrella MM, Tereshchenko LG, Trujillo JM, Parekh RS. Association of abdominal adiposity with cardiovascular mortality in incident hemodialysis. *American Journal of Nephrology*. 2018;48(6):406-414.
90. Kobashigawa J, Dadhania D, Bhorade S, Adey D, Berger J, Bhat G, Budev M, Duarte-Rojo A, Dunn M, Hall S, Harhay MN, Johansen KL, Joseph S, Kennedy C, Kransdorf E, Lentine K, **McAdams-DeMarco M**, Nagai S, Olymbios M, Patel J, Pinney S, Rao M, Reese P, Schaenman J, Shah P, Singer L, Singer J, Sonnenday C, Segev DL, Tandon P, Tapper E, Tullius S, Wilson M, Zamora M, Lai JC. Report from the American Society of Transplantation on frailty in solid organ transplantation. *American Journal of Transplantation*. 2019;19(4):984-994.
91. Haugen CE, Luo X, Holscher CM, Bowring MG, DiBrito SR, Garonzik-Wang J, **McAdams-DeMarco M**, Segev DL. Outcomes in older kidney transplant recipients after prior nonkidney transplants. *Transplantation*. 2019;103(11):2383-2387.
92. Haugen CE, Bowring MG, Holscher CM, Jackson KR, Cameron AM, Philosphe B, Garonzik-Wang J, **McAdams-DeMarco M**, Segev DL. Survival benefit of accepting livers from deceased donors over 70 years old. *American Journal of Transplantation*. 2019;(7)2020-2028.
93. Haugen CE, **McAdams-DeMarco M**, Holscher CM, Ying H, Gurakar AO, Garonzik-Wang J, Cameron AM, Segev DL, Lai JC. Multicenter study of age, frailty, and waitlist mortality among liver transplant candidates. *Annals of Surgery*. 2020;271(6):1132-1136.

94. Lai JC, Rahimi R, Verna EC, Kappus MR, Dunn MA, **McAdams-DeMarco M**, Haugen CE, Volk ML, Duarte-Rojo A, Ganger DR, O'Lery JG, Dodge JL, Ladner D, Segev DL. Frailty associated with waitlist mortality independent of ascites and hepatic encephalopathy in a multi-center study. *Gastroenterology*. 2019;156(6):1675-1682.
95. Haugen CE, Holscher CM, Bowring MG, Orandi BJ, Thomas AG, Garonzik-Wang J, Massie AB, Philosphe B, **McAdams-DeMarco M**, Segev DL. Assessment of trends in transplantation of liver grafts from older donors and outcomes in recipients of liver grafts from older donors, 2003-2016. *JAMA Surgery*. 2019;154(5):441-449.
96. Pérez Fernández M, Martínez Miguel P, Ying H, Haugen CE, Chu NM, Rodríguez Puyol DM, Rodríguez-Mañas L, Norman SP, Walston JD, Segev DL, **McAdams-DeMarco MA**. Comorbidity, frailty, and waitlist mortality among kidney transplant candidates of all ages. *American Journal of Nephrology*. 2019;49(2):103-110.
97. Wasik H, Pruette C, Ruebner R, **McAdams-DeMarco M**, Zhou S, Neu A, Segev D, Massie A. A donor risk index for graft loss in pediatric living donor kidney transplantation. *American Journal of Transplantation*. 2019;19(10):2775-2782.
98. **McAdams-DeMarco MA**, Van Pilsum Rasmussen SE, Chu NM, Agoons D, Parsons RF, Alhamad T, Johansen KL, Tullius SG, Lynch R, Harhay MN, Rao MK, Berger J, Cooper M, Tan JC, Cheng XS, Woodside KJ, Parajuli S, Lentine KL, Kaplan B, Segev DL, Kobashigawa JA, Dadhania D. Perceptions and practices regarding frailty in kidney transplantation: results of a national survey. *Transplantation*. 2020;104(2):349-356.
99. Haugen CE, Chu NM, Ying H, Warsame F, Holscher CM, Desai NM, Jones MR, Norman SP, Brennan DC, Garonzik-Wang J, Walston JD, Bingaman AW, Segev DL, **McAdams-DeMarco M**. Frailty and access to kidney transplantation. *Clinical Journal of the American Society of Nephrology*. 2019;14(4):576-582.
100. Windle M, Lee HD, Cherng ST, Lesko CR, Hanrahan C, Jackson JW, **McAdams-DeMarco M**, Ehrhardt S, Baral SD, D'Souza G, Dowdy DW. From epidemiological knowledge to improved health: a vision for translational epidemiology. *American Journal of Epidemiology*. 2019;188(12):2049-2060.
101. Haugen CE, Agoons D, Chu NM, Liyanage L, Long J, Desai NM, Norman SP, Brennan DC, Segev DL, **McAdams-DeMarco M**. Physical impairment and access to kidney transplantation. *Transplantation*. 2020;104(2):367-373.
102. Salter ML, Liu X, Bae S, Chu NM, Miller Dunham A, Humbyrd C, Segev DL, **McAdams-DeMarco MA**. Fractures and subsequent graft loss and mortality among older kidney transplant recipients. *Journal of the American Geriatrics Society*. 2019;67(8):1680-1688.
103. Shrestha P, Haugen CE, Chu NM, Shaffer A, Garonzik-Wang J, Norman SP, Walston JD, Segev DL, **McAdams-DeMarco MA**. Racial differences in inflammation and outcomes of aging among kidney transplant candidates. *BMC Nephrology*. 2019;20(1):176.
104. Harhay MN, Ranganna K, Boyle SM, Brown AM, Bajakian T, Levin Mizrahi LB, Xiao G, Guy S, Malat G, Segev DL, Reich D, **McAdams-DeMarco M**. Association between weight loss before deceased donor kidney transplantation and posttransplantation outcomes. *American Journal of Kidney Disease*. 2019;74(3):361-372.
105. Bandeen-Roche K, Gross AL, Varadhan R, Buta B, Carlson MC, Huisinigh-Scheetz M, **McAdams-DeMarco M**, Piggott DA, Brown TT, Hasan RK, Kalyani RR, Seplaki CL, Walston JD, Xue QL.

- Principles and issues for physical frailty measurement and its clinical application. *Journal of Gerontology A Series: Biological Sciences and Medical Sciences*. 2019;75(6):1107-1112.
106. Van Pilsum Rasmussen SE, Warsame F, Eno AK, Ying H, Covarrubias K, Haugen CE, Chu NM, Crews DC, Harhay MN, Schoenborn NL, Segev DL, **McAdams-DeMarco MA**. Perceptions, barriers, and experiences with successful aging before and after kidney transplantation: a focus group study. *Transplantation*. 2020;104(3):603-612.
 107. Lentine KL, Shah KS, Kobashigawa JA, Xiao H, Zhang Z, Axelrod DA, Lam NN, Segev DL, **McAdams-DeMarco MA**, Randall H, Hess GP, Yuan H, Vest LS, Kasiske BL, Schnitzler MA. Prescription opioid use before and after heart transplant: associations with posttransplant outcomes. *American Journal of Transplantation*. 2019;19(12):3405-3414.
 108. Haugen CE, **McAdams-DeMarco M**, Verna EC, Rahimi R, Kappus MR, Dunn MA, Volk ML, Gurakar A, Duarte-Rojo A, Ganger DR, O'Leary JG, Ladner D, Garonzik-Wang J, Segev DL, Lai JC. Association between liver transplant wait-list mortality and frailty based on body mass index. *JAMA Surgery*. 2019;154(12):1103-1109.
 109. Thomas AG, Ruck JM, Chu NM, Agoons D, Shaffer AA, Haugen CE, Swenor B, Norman SP, Garonzik-Wang J, Segev DL, **McAdams-DeMarco M**. Kidney transplant outcomes in recipients with visual, hearing, physical, and walking impairments: a prospective cohort study. *Nephrology, Dialysis and Transplantation*. 2019;35(7):1262-1270.
 110. Chu NM, Sison S, Muzaale AD, Haugen CE, Garonzik-Wang J, Brennan DC, Norman SP, Segev DL, **McAdams-DeMarco MA**. Functional independence, access to kidney transplantation and waitlist mortality. *Nephrology Dialysis and Transplantation*. 2020;35(5):870-877.
 111. Bae S, Garonzik-Wang JM, Massie AB, Jackson KR, **McAdams-DeMarco MA**, Brennan DC, Lentine KL, Coresh J, Segev DL. Early steroid withdrawal in deceased-donor kidney transplant recipients with delayed graft function. *Journal of the American Society of Nephrology*. 2020;31(1):175-185.
 112. Qian JZ, **McAdams-DeMarco MA**, Ng D, Lau B. Validation of a risk equation predicting hemodialysis arteriovenous fistula primary failure in elderly. *American Journal of Nephrology*. 2020;51(1):17-23.
 113. Chu NM, Shi Z, Berkowitz R, Haugen CE, Garonzik-Wang J, Norman SP, Humbyrd C, Segev DL, **McAdams-DeMarco MA**. Poor outcomes in kidney transplant candidates and recipients with a history of falls. *Transplantation*. 2020;104(8):1738-1745.
 114. Haugen CE, Thomas AG, Chu NM, Shaffer AA, Norman SP, Bingaman AW, Segev DL, **McAdams-DeMarco MA**. Prevalence of frailty among kidney transplant candidates and recipients in the United States: estimates from a national registry and multicenter cohort study. *American Journal of Transplantation*. 2020;20(4):1170-1180.
 115. Dickerson LK, Rouhizadeh M, Korotkaya Y, Bowring MG, Massie AB, **McAdams-DeMarco MA**, Segev DL, Cannon A, Guerrerio AL, Chen PH, Philosophe BN, Mogul DB. Language impairment in adults with end-stage liver disease: application of natural language processing towards patient-generated health reports. *NPJ Digital Medicine*. 2019;2:106.
 116. Chu NM, Shi Z, Haugen CE, Norman SP, Gross AL, Brennan DC, Carlson MC, Segev DL, **McAdams-DeMarco MA**. Cognitive function, access to kidney transplantation, and waitlist mortality among kidney transplant candidates with and without diabetes. *American Journal of Kidney Disease*. 2020;76(1):72-81.

117. Axelrod DA, Caliskan Y, Schnitzler MA, Xiao H, Dharnidharka VR, Segev DL, **McAdams-DeMarco M**, Brennan DC, Randall H, Alhamad T, Kasiske BL, Hess G, Lentine KL. Economic impacts of alternative kidney transplant immunosuppression: a national cohort study. *Clinical Transplantation*. 2020;34(4):e13813.
118. Lai JC, Dodge JL, Kappus MR, Dunn MA, Volk ML, Duarte-Rojo A, Ganger DR, Rahimi RS, McCulloch CE, Haugen CE, **McAdams-DeMarco M**, Ladner D, Segev DL, Verna EC, Multi-Center Functional Assessment in Liver Transplantation (FrAILT) Study. Change in frailty are associated with waitlist mortality in patients with cirrhosis. *Journal of Hepatology*. 2020;73(3):575-581.
119. Murphy KA, Jackson JW, Purnell TS, Shaffer AA, Haugen CE, Chu NM, Crews DC, Norman SP, Segev DL, **McAdams-DeMarco MA**. Association of Socioeconomic Status and Comorbidity with Racial Disparities During Kidney Transplant Evaluation. *Clinical Journal of the American Society of Nephrology*. 2020;15(6):843-851.
120. Qian J, **McAdams-DeMarco MA**, Ng D, Lau B. Selecting Important Predictors for Arteriovenous Fistula Maturation in Older Hemodialysis Patients by Using Random Survival Forests. *Seminars in Dialysis*. 2020;32(2):148-155.
121. Suresh A, Robinson L, Milliron BJ, Leonberg K, **McAdams-DeMarco MA**, Earthman C, Klassen A, Harhay MN. Approaches to Obesity Management in Dialysis Settings: Renal Dietician Perspectives. *Journal of Renal Nutrition*. 2020;March,3.S1051-2276.
122. Chu NM, Chen X, Norman SP, Fitzpatrick J, Sozio SM, Jaar BG, Frey A, Estrella MM, Xue QL, Parekh RS, Segev DL, **McAdams-DeMarco MA**. Frailty Prevalence in Younger End-Stage Kidney Disease Patients Undergoing Dialysis and Transplantation. *American Journal of Nephrology*. 2020;51(7):501-510.
123. Haugen CE, Gross A, Chu NM, Norman SP, Brennan DC, Xue QL, Walston J, Segev DL, **McAdams-DeMarco M**. Development and Validation of an Inflammatory-frailty Index for Kidney Transplantation. *Journal of Gerontology Medical Sciences*. 2021;76(3):470-477.
124. Lam NN, Schnitzler MA, Axelrod DA, Xiao H, **McAdams-DeMarco M**, Segev DL, Massie AB, Dharnidharka VR, Naik AS, Muzaale AD, Hess GP, Kasiske BL, Lentine KL. Outcome Implications of Benzodiazepine and Opioid Co-Prescription in Kidney Transplant Recipients. *Clinical Transplantation*. 2020; in press.
125. Kardashian A, Ge J, McCulloch CE, Kappus MR, Dunn MA, Duarte-Rojo A, Volk ML, Rahimi RS, Verna EC, Ganger DR, Ladner D, Dodge JL, Boyarsky B, **McAdams-DeMarco M**, Segev DL, Lai JC. Identifying an Optimal Liver Frailty Index Cutoff to Protect Waitlist Mortality in Liver Transplant Candidates. *Hepatology*. 2020; in press.
126. Muzaale AD, Daubresse M, Bae S, Chu NM, Lentine KL, Segev DL, **McAdams-DeMarco M**. Benzodiazepines, Codispensed Opioids, and Mortality among Patients Initiating Long-Term In-Center Hemodialysis. *Clinical Journal of the American Society of Nephrology*. 2020;15(6):794-804.
127. Bae S, Durand CM, Garonzik-Wang JM, Chow EKH, Kucirka LM, **McAdams-DeMarco MA**, Massie AB, Al Ammary F, Coresh J, Segev DL. Antithymocyte Globulin Versus Interleukin-2 Receptor Antagonists in Kidney Transplant Recipients with Hepatitis C Virus. *Transplantation*. 2020;104(6):1294-1303.
128. Gross AL, Carlson MC, Chu NM, **McAdams-DeMarco MA**, Mungas D, Simonsick EM, Varadhan R, Xue QL, Walston J, Bandeen-Roche K. Derivation of a Measure of Physiological Multisystem

Dysregulation: Results from WHAS and Health ABC. *Mechanisms of Aging and Development*. 2020;188:111258

129. Qian JZ, **McAdams-DeMarco M**, Ng DK, Lau B. Arteriovenous Fistula Placement, Maturation, and Patency Loss in Older Patients Initiating Hemodialysis. *American Journal of Kidney Disease*. 2020; in press.
130. **McAdams-DeMarco MA**, Chu NM, Steckel M, Kunwar S, González Fernández M, Carlson MC, Fine DM, Appel LJ, Diener-West M, Segev DL. Interventions Made to Preserve Cognitive Function Trial (IMPCT) Study Protocol: a Multi-dialysis Center 2x2 Factorial Randomized Controlled Trial of Intradialytic Cognitive and Exercise Training to Preserve Cognitive Function. *BMC Nephrology*. 2020;21(1):383.
131. Bae S, **McAdams-DeMarco MA**, Massie AB, Ahn JB, Werbel WA, Brennan DC, Lentine KL, Durand CM, Segev DL. Early Changes in Kidney Transplant Immunosuppression Regimens During the COVID-19 Pandemic. *Transplantation*. 2021 Jan 1;105(1):170-176.
132. Baksh SN, Segal JB, **McAdams-DeMarco MA**, Kalyani RR, Alexander GC, Ehrhardt S. Dipeptidyl peptidase-4 inhibitors and cardiovascular events in patients with type 2 diabetes, without cardiovascular or renal disease. *PLoS One*; in press.
133. Lentine KL, Lam NN, Caliskan Y, Alhamad T, Xiao H, Schnitzler MA, Chang SH, Axelrod D, Segev DL, **McAdams-DeMarco M**, Kasiske BL, Hess GP, Brennan DC. Induction immunosuppression and the risk of incident malignancies among older and younger kidney transplant recipients: A prospective cohort study. *Clinical Transplantation*; in press.
134. Bae S, Garonzik-Wang JM, Massie AB, **McAdams-DeMarco MA**, Coresh J, Segev DL. Inconsistencies in the association of clinical factors with the choice of early steroid withdrawal across kidney transplant centers: a national registry study. *Clinical Transplantation*. 2021;35(2):e14176
135. Labib M, Bohm C, MacRae JM, Bennett PN, Wilund KR, **McAdams-DeMarco M**, Jhamb M, Mustata S, Thompson S; Global Renal EXercise Network. An international Delphi survey on exercise priorities in CKD. *Kidney International Reports*; 2020;6(3):657-668.
136. Daubresse M, Alexander GC, Crews DC, Segev DL, Lentine K, **McAdams-DeMarco MA**. High-dose opioid utilization and mortality among individuals initiating hemodialysis. *BMC Nephrology*. 2021;22(1):65.
137. Mathur A, Sutton W, Ahn JB, Prescott JD, Zeiger MA, Segev DL, **McAdams-DeMarco M**. Association Between Treatment of Secondary Hyperparathyroidism and Posttransplant Outcomes. *Transplantation*. 2021; in press.
138. Lai JC, Ganger DR, Volk ML, Dodge JL, Dunn MA, Duarte-Rojo A, Kappus MR, Rahimi RS, Ladner DP, Boyarsky B, **McAdams-DeMarco M**, Segev DL, McCulloch CE, Verna EC. Association of Frailty and Sex With Wait List Mortality in Liver Transplant Candidates in the Multicenter Functional Assessment in Liver Transplantation (FrAILT) Study. *JAMA Surgery*. 2021;156(3):256-262.
139. Lentine KL, Cheungpasitporn W, Xiao H, **McAdams-DeMarco M**, Lam NN, Segev DL, Bae S, Ahn JB, Hess GP, Caliskan Y, Randall HB, Kasiske BL, Schnitzler MA, Axelrod DA. Immunosuppression Regimen Use and Outcomes in Older and Younger Adult Kidney Transplant Recipients: A National Registry Analysis. *Transplantation*. In press.
140. Wang L, Motter J, Bae S, Ahn JB, Kanakry JA, Jackson J, Schnitzler MA, Hess G, Lentine KL, Stuart EA, Segev DL, **McAdams-DeMarco M**. Induction Immunosuppression and the Risk of Incident

Malignancies among Older and Younger Kidney Transplant Recipients: A Prospective Cohort Study. *Clinical Transplantation*. 2020; 34(12):e14121.

141. Chu NM, Chen X, Bae S, Brennan DC, Segev DL, **McAdams-DeMarco MA**. Changes in Functional Status Among Kidney Transplant Recipients: Data From the Scientific Registry of Transplant Recipients. *Transplantation*. 2021; in press.
142. Bae S, **McAdams-DeMarco MA**, Massie AB, Garonzik-Wang JM, Coresh J, Segev DL. Panel Reactive Antibody and the Association of Early Steroid Withdrawal with Kidney Transplant Outcomes. *Transplantation*. 2021; in press.
143. Feng Y, Jones MR, Chu NM, Segev DL, **McAdams-DeMarco M**. Ambient Air Pollution and Mortality among Older Patients Initiating Maintenance Dialysis. *American Journal of Nephrology*. 2021; in press.

*co-first author

Review Articles [RA]

1. Hall RK, **McAdams-DeMarco MA**. Breaking the Cycle of Functional Decline in Older Dialysis Patients. *Seminars in Dialysis*. 2018;31 462-467.
2. Chu NM, **McAdams-DeMarco MA**. Exercise and Cognitive Function in Patients with End-Stage Kidney Disease. *Seminars in Dialysis*. 2019;32:283-290.
3. **McAdams-DeMarco MA**, Chu NM, Segev DL. Frailty and Long-Term Post-Kidney Transplant Outcomes. *Current Transplant Reports*. 2019;6:45-51.
4. Harhay MN, Rao MK, Woodside KJ, Johansen KL, Lentine KL, Tullius SG, Parsons RF, Alhamad T, Berger J, Cheng XS, Lappin J, Lynch R, Parajuli S, Tan JC, Segev DL, Kaplan B, Kobashigawa J, Dadhania DM, **McAdams-DeMarco MA**. An overview of frailty in kidney transplantation: measurement, management and future considerations. *Nephrology Dialysis Transplantation*. 2020; in press.
5. Wilkinson TJ, **McAdams-DeMarco M**, Bennett PN, Wilund; Global Renal Exercise Network. Advances in exercise therapy in predialysis chronic kidney disease, hemodialysis, peritoneal dialysis, and kidney transplantation. *Current Opinions in Nephrology and Hypertension*. 2020;29(5):471-479.

Case Reports [CR]

None

Book Chapters, Monographs [BC]

1. **McAdams-DeMarco MA**, Segev DL. "Preoperative Assessment of the Elderly Patient: Frailty" in the 11th Addition of *Current Surgical Therapy: Expert Consult*. 2013.
2. Miller B, **McAdams-DeMarco MA**. "Physical Activity in Kidney Transplantation" in UpToDate. 2018.
3. Brennan DC, **McAdams-DeMarco MA**. "Kidney Transplantation and the Older Adult Patient" in UpToDate. 2019.

Books, Textbooks [BK]

None

Editorials [ED]

1. Sozio SM, **McAdams-DeMarco MA**. The Role of Bicarbonate in Cognition: Acidosis May be Corrosive to the Brain. *Clinical Journal of the American Society of Nephrology*. 2018; 13:527-528.
2. Purnell TS, **McAdams-DeMarco MA**. The Long Road to Kidney Transplantation: Does Center Distance Impact Transplant Referral and Evaluation? *Clinical Journal of the American Society of Nephrology*. 2020;15(4):453-454.
3. **McAdams-DeMarco M**, Chu NM, Segev DL. Differences Between Cystatin C- and Creatinine-Based Estimated GFR-Early Evidence of a Clinical Marker for Frailty. *American Journal of Kidney Disease*. 2020; in press.

Letters, Correspondence [LT]

1. Chu NM, Gross AL, Shaffer AA, Haugen CE, Norman SP, Xue Q, Sharrett AR, Carlson M, Bandeen-Roche K, Segev DL, **McAdams-DeMarco MA**. Authors reply: Frailty and changes in cognitive function after kidney transplantation. *Journal of the American Society of Nephrology*. 2019;30(8):1548-1549.

FUNDING

Research Extramural Funding

Current

09/01/2017-05/31/2022	ESRD-specific Physiologic Age: Improving Geriatric Transplant Prognostication NIH R01AG055781 NIH National Institutes on Aging \$409,628 (Year 1) Role: PI
01/09/2018-12/31/2022	Hemodialysis-based Interventions to Preserve Cognitive Function R01DK114074 NIH National Institute of Diabetes and Digestive and Kidney Diseases \$449,996 (Year 1) Role: PI
07/01/2018-06/30/2019	A Mobile Directly Observed Therapy Smartphone App for Immunosuppression Adherence in Transplant Patients Johns Hopkins Discovery Award Johns Hopkins University \$100,000 PI: Macey Henderson, JD PhD Role: Co-investigator
12/18/2018-11/30/2022	Developing Personalized Immunosuppression for Older Kidney Transplant NIH R01DK120518 NIH National Institute of Diabetes and Digestive and Kidney Diseases \$504,793 (Year 1) Role: PI
09/01/2017-8/31/2019	Characterizing Resiliencies to Physical Stressors in Older Adults: A Dynamical Physiological Systems Approach UH3AG056933 NIH National Institutes on Aging \$2,336,240 Role: Co-Investigator

PI: Walston

07/01/2020-06/30/2021 Kidney transplantation in older, frail and cognitively impaired adults with ESRD: Balancing utility vs. justice
NIH R01AG055781-Bioethics Supplement
NIH National Institutes on Aging
\$100,000
Role: PI

07/01/2020-6/30/2021 Development of a Kidney Disease-Specific Geriatric Assessment
Chronic Renal Insufficiency Cohort Opportunity Pool
NIH National Institute of Diabetes and Digestive and Kidney Diseases
\$45,716
Role: PI

01/01/2021-12/31/2021 Alzheimer's Disease Supplement to
Hemodialysis-based Interventions to Preserve Cognitive Function
R01DK114074
NIH National Institute of Diabetes and Digestive and Kidney Diseases
\$243,431 (year 1)
Role: PI

04/15/2021-05/31/2021 Alzheimer's Disease Supplement to
ESRD-specific Physiologic Age: Improving Geriatric Transplant Prognostication
NIH R01AG055781
NIH National Institutes on Aging
\$249,407 (year 1)
Role: PI

Pending

Emergency Supplement (for COVID research) to
Developing Personalized Immunosuppression for Older Kidney Transplant
NIH R01DK120518
NIH National Institute of Diabetes and Digestive and Kidney Diseases
\$100,000 (year 1)
Role: PI

Emergency Supplement (for COVID research) to
ESRD-specific Physiologic Age: Improving Geriatric Transplant Prognostication
NIH R01AG055781
NIH National Institutes on Aging
\$499,000 (year 1)
Role: PI

Previous

08/01/2011-07/30/2013 Clinical Risk Factors for the Development of Gout and Hyperuricemia
Investigator Initiated Scientific Research Grant
Takeda Pharmaceuticals North America
\$153,380
PI: Alan Baer
Role: Investigator

07/01/2013-06/30/2015	Frailty and Adverse Health Outcomes of Aging in Older Adults with Kidney Failure Carl W. Gottschalk Research Scholar Grant American Society of Nephrology Foundation for Kidney Research \$90,000 Role: PI
07/01/2013-06/30/2014	The Burden, Risk Factors, and Consequences of Gout in Older Adults Arthritis and Aging Research Grant Arthritis National Research Foundation and American Federation on Aging Research \$91,690 Role: PI
12/1/2013-11/30/2018	Frailty and Adverse Health Outcomes of Aging in Older Adults with Kidney Failure NIH K01AG043501 NIH National Institutes on Aging \$606,305 Role: PI
04/04/2016-04/03/2017	Prehabilitation for Adults with End Stage Renal Disease on the Kidney Transplant Waitlist Pilot Study Grant Mendez National Institute for Transplantation Foundation \$45,455 Role: PI
09/01/2016-08/31/2018	Frailty and Risk Prediction in Older Adults Considering Kidney Transplantation Supplement R01AG042504-S1 NIH National Institutes on Aging \$16,722 Role: Supplement Co-Investigator PI: Segev
09/01/2017-08/31/2019	Characterizing Resiliencies to Physical Stressors in Older Adults: A Dynamical Physiological Systems Approach UH2AG056933 NIH National Institutes on Aging \$1,788,814 Role: Co-Investigator PI: Walston

INTRAMURAL FUNDING
Research Intramural Funding

Previous

05/01/2015-04/30/2018	Feasibility and Efficacy of Hemodialysis-based Interventions to Preserve Cognitive Function Faculty Innovation Fund Johns Hopkins Bloomberg School of Public Health \$35,000 Role: PI
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11/01/2015-12/31/2017 Prehabilitation for Older Adults with End Stage Renal Disease on the Kidney Transplant (KT) Waitlist
Pilot Study Award, Older Americans Independence Center P30AG021334-13
NIH National Institutes on Aging
\$30,000
Role: Pilot PI

Educational Intramural Funding

Previous

09/01/2008-08/31/2011 Cardiovascular Epidemiology Institutional Training
T32HL0070024
NIH, National Heart, Lung, and Blood Institute
\$733,538
Role: Pre-doctoral
PI: Coresh

CLINICAL ACTIVITIES

N/A

EDUCATIONAL ACTIVITIES

As an epidemiologist, I have taught epidemiology methods in the Johns Hopkins Bloomberg School of Public Health. I lecture in courses on pharmacoepidemiology and the epidemiology of kidney disease. Additionally, I have worked with surgical and medicine residents during their public health education.

Key words: epidemiology, methods

Teaching

Classroom instruction

First Term 2011-2015 *Epidemiologic Methods I* 340.751, Role: Lab Instructor, Department of Epidemiology, Johns Hopkins Bloomberg School of Public Health.

First Term 2016-2019 *Epidemiologic Methods I* 340.751, Role: Course Director. Enrollment: (170-240), Department of Epidemiology, Johns Hopkins Bloomberg School of Public Health.

Summer Institute 2012-2016 *Applications of the Case-Control Method* 340.605, Role: Instructor Department of Epidemiology, Johns Hopkins Bloomberg School of Public Health.

Summer Institute 2018-2020 *Pharmacoepidemiology* 340.617, Role: Guest Speaker, Johns Hopkins Bloomberg School of Public Health.

2014, 2017, 2021 *Epidemiology First Year Doctoral Seminar*, Role: Guest Speaker, Johns Hopkins Bloomberg School of Public Health.

First Term 2014-2021. *Kidney Disease Epidemiology Guest Speaker*, “Aging and Kidney Disease” Role: Guest Speaker, Johns Hopkins Bloomberg School of Public Health.

CME Activities

Workshops/Seminars

“The Intersection of Aging and End-Stage Renal Disease.” October, 2018. State of the Art: Kidney and Pancreas Transplantation, University of Michigan, Ann Arbor, Michigan.

“The State of the Science of Solid Organ Transplantation and Disability Workshop.” March, 2021. The National Academy of Medicine, virtual.

Mentoring

Pre-doctoral Advisees/Mentees

- 2014-2016 Jingwen Tan, PhD, [PhD student in epidemiology; advisor], currently working for Quintiles, San Francisco. Awarded ASN Kidney Stars Award. Co-authored articles OR 5
- 2014-2016 Yan Chen, MHS, [MHS student; advisor]
- 2014-2018 Eugenia Chock, MPH, [MPH student; advisor]
- 2014-2016 Yi-Chen Liu, MHS, [MHS student; advisor]
- 2015-2020 Matthew Daubresse, MPH, DrPH, [DrPH student in epidemiology; advisor], currently working as an Epidemiologist for the US Food and Drug Administration. Awarded T32 and Mary Meyer Award in Epidemiology. Co-authored OR 2
- 2016-2017 Rritu Gulati, MPH, [MPH student; advisor]
- 2016-2017 Xinran (Joy) Liu, MHS [MHS student; advisor]. Co-authored articles OR 1
- 2016-2018 Sheriza Baksh, PhD, [PhD student in epidemiology; thesis committee], currently post-doctoral fellow in epidemiology at Johns Hopkins Bloomberg School of Public Health. Co-authored OR 1
- 2016-present Nadia Chu, MPH, PhD, [PhD student in epidemiology; thesis committee], currently an Assistant Professor of Epidemiology and Surgery at Johns Hopkins. Awarded ASN Kidney Stars Award. Co-authored articles OR 20
- 2017-2018 Komal Kumar, BA, MPH, [post-baccalaureate research position], currently Fulbright scholar, Cape Town, South Africa. Co-authored articles OR 1
- 2017-2018 Karina Covarrubias, BA, [medical student and research fellow], currently surgical intern and UC San Diego, San Diego, CA. Awarded Doris duke medical student clinical research award. Co-authored articles OR 1
- 2017-2018 Jonathan Konel, BA, [post-baccalaureate research position], currently 1st year medical student at Henry Ford, Detroit, MI, Co-authored articles 2
- 2017-present Jennifer Motter, BA, MHS [masters student, Johns Hopkins Bloomberg School of Public Health], currently data analyst in the Epidemiology Research Group in Organ Transplantation, Johns Hopkins, Baltimore, MD. Awarded MHS. Co-authored articles OR 1 (under review)
- 2016-present Fatima Warsame, BA [post-baccalaureate diversity scholar], currently a 2nd year medical student and MHS student at Brown University, Providence, Rhode Island. Co-authored articles OR 13

- 2016-2018 Alexandra Mountford, BS, [post-baccalaureate research position], currently nursing student at Yale University, New Haven Connecticut. Co-authored articles OR 3
- 2016-2018 Alvin Thomas, BS, MSPH, [post-baccalaureate research position], currently PhD student at UNC Chapel Hill, Chapel Hill, NC in Epidemiology. Co-authored OR 7
- 2016-current Ashton Shaffer, BA, [MD/PhD student; advisor], currently MD/PhD student at Johns Hopkins, Baltimore, MD. Awarded ASN Kidney Stars Award and F30. Co-authored OR 8
- 2017-2020 Prakriti Shrestha, BA, [post-baccalaureate research position], currently masters student in epidemiology at Columbia University, New York, New York. Co-authored OR 1
- 2018 Arlinda Deng, MHS [MHS student; advisor], currently medical student at University of Maryland. Co-authored OR 1
- 2018-2019 Joyce Qian, PhD, [PhD student in epidemiology; advisor; thesis committee], currently Epidemiologist at Medical Technology and Practice Patterns Institute. Co-authored OR 2
- 2019-current Riaz Qureshi, MS [PhD student in epidemiology; thesis committee], currently PhD candidate in epidemiology at Johns Hopkins Bloomberg School of Public Health.
- 2019-2020 Lingyu (Alex) Wang, MBBS MHS, [MHS student; advisor]
- 2020-2021 Yusi Chen, MHS, [MHS student; advisor]

Post-doctoral Advisees/Mentees

- 2012-2014 Megan Salter, PhD, [PhD post-doctoral fellow in epidemiology], currently Internal Medicine Resident at Johns Hopkins. Co-authored publications OR 13
- 2014-2016 Elizabeth King, MD PhD, [PhD student], Abdominal Transplant Surgery Fellow at Johns Hopkins University SOM, Baltimore, MD. Awarded PhD in Clinical Investigation. Co-authored original publications OR 13
- 2016-2017 Sandra DiBrito, MD, PhD, [surgical resident and PhD student], completing general surgery residency, Johns Hopkins University SOM, Baltimore, MD. Awarded PhD in Clinical Investigation. Co-authored publications OR 3
- 2016-2019 Christine Haugen MD, PhD, [surgical resident and PhD student], completing general surgery residency, Johns Hopkins University SOM, Baltimore, MD. Awarded PhD in Clinical Investigation and AASLD Emerging Liver Scholar Award. Co-authored publications OR 37
- 2016-2018 Rekha Kambhampati, MD [nephrology fellow and MHS student], currently at US Food and Drug Administration. Completed MHS in epidemiology. Co-authored publications OR 1
- 2016-2018 Heather Wasik, MD [nephrology fellow and MHS student], currently Assistant Professor of Pediatrics at Upstate Golisano Children's Hospital. Completed MHS in epidemiology. Co-authored publications OR 1
- 2016-present Nadia Chu, MPH, PhD, [PhD student in epidemiology; thesis committee], currently an Assistant Professor of Epidemiology and Surgery at Johns Hopkins. Awarded ASN Kidney Stars Award and NIA K01. Co-authored articles OR 20 and RA 2

- 2016-present Jessica Ruck, MD, [surgical resident; research advisor], completing general surgery residency, Johns Hopkins University SOM, Baltimore, MD, Awarded Doris Duke Clinical Research Award. Co-authored publications OR 2
- 2017-present Sunjae Bae, KMD, PhD, [PhD student in epidemiology; thesis committee], currently an Instructor in Surgery at Johns Hopkins. Awarded ASN Kidney Stars Award. Co-authored articles OR 12
- 2018-2020 Kyle Jackson, MD, PhD [surgical resident and PhD student; final defense committee], Johns Hopkins Bloomberg School of Public Health, Baltimore, MD. Awarded PhD in Clinical Investigation. Awarded AASLD Emerging Liver Scholar. Co-authored publications OR 2
- 2018-2019 Karly Murphy, MD, MHS [general internal medicine fellow and MHS student], completing fellowship. Completed MHS in epidemiology and awarded Clinical Journal of the American Society of Nephrology Trainee Award 2020. Co-authored publications OR 1
- 2019-present Aarti Mathur, MD [Assistant Professor of Surgery and PhD student; research mentor], completing PhD in Clinical Investigation. Co-authored publications OR 1 (under review)

Thesis committees

- 2016 Jingwen Tan, PhD, Epidemiology, “Utilization and Outcomes of Warfarin among Patients with End Stage Renal Disease and Atrial Fibrillation,” advisor
- 2018 Nadia Chu, MPH, PhD, Epidemiology, “Physical Frailty as a Novel, Potentially Modifiable Determinant of Cognitive Decline,” committee member
- 2019 Christine Haugen MD, PhD, Clinical Investigation, “Liver Transplantation and Older Adults,” committee member
- 2019 Joyce Z. Qian, PhD, Epidemiology, “Fistula Care Continuum and Individualized Vascular Access Models for Older Adults Undergoing Hemodialysis,” committee member
- 2019 Sheriza Baksh, MPH PhD, Epidemiology, “Cardiovascular Safety of dipeptidyl peptidase-4 inhibitors in Patients With Type 2 Diabetes Mellitus,” committee member
- 2020 Kyle Jackson, MD, PhD pending in Clinical Investigation, “Incompatible Kidney Transplantation in the Modern Era”, committee member
- 2020 Matthew Daubresse, DrPH, Epidemiology, “Trends and Impact of Prescription Opioid Use Among Hemodialysis Patients,” advisor
- 2020 Ashton Shaffer, MD/PhD, Epidemiology, “The Role of HIV in the Survival of Liver Transplant Candidates and Recipients,” PhD advisor
- 2020 Bae Sunjae, KMD PhD, Epidemiology, “Tailored Immunosuppression for Kidney Transplant Recipients”, committee member

RESEARCH ACTIVITIES

Research Focus

My research focuses on the epidemiology of aging with a specific interest in patients with end stage kidney disease. In particular, I seek to better understanding how novel metrics of aging like frailty and cognitive function can improve risk prediction in kidney transplant recipients and patients undergoing hemodialysis. I am also currently conducting a

2-by-2 factorial RCT to identify interventions to preserve cognitive function among patients initiating hemodialysis. Finally, I study the impact of medications on age-related outcomes among patients with end-stage kidney disease using national registry data linked to Medicare claims.

Frailty

Kidney Transplantation

Research Program Building / Leadership

2011-present Associate Member, Johns Hopkins Welch Center

2018-present Associate Director of the Center for Drug Safety and Effectiveness, Johns Hopkins Bloomberg School of Public Health

2020-present Director of Clinical and Outcomes Research, Department of Surgery, Johns Hopkins School of Medicine

2021-present Director of the Johns Hopkins Surgery Center for Outcomes Research, Johns Hopkins School of Medicine

Research Demonstration Activities

N/A

Inventions, Patents, Copyrights

N/A

Technology Transfer Activities

N/A

SYSTEM INNOVATION AND QUALITY IMPROVEMENT ACTIVITIES

N/A

ORGANIZATIONAL ACTIVITIES

Institutional Administrative Appointments

2014-present Junior Affiliated Faculty, CVD T32

2015-present Affiliated Faculty, Renal T32

2016-2020 Member, Epidemiology Curriculum Committee

2017-present Program Faculty, OAIC: Research Education Component

2019-present Affiliated Faculty, Pharmacoepidemiology T32

Editorial Activities

Editorial Board appointments

2018-2020 Section Editor, *Current Transplant Reports*

2019-present Editorial Board, American Journal of Kidney Disease

2019-present Editorial Board, Kidney 360

Journal Peer review activities

2012-2013 Arthritis Research and Therapy

2012-present American Journal of Transplantation

2015-present American Journal of Kidney Disease

2015-present Transplantation

2015-present Clinical Journal of the ASN

2015-present BMC Nephrology

2015 Seminars in Arthritis and Rheumatism

2015 Arthritis and Rheumatism

2016 Journal of Rheumatology

2017-present	Nephrology Dialysis Transplantation
2018-present	Clinical Transplantation
2018-present	Journal of Gerontology: Medical Sciences
2019-present	Kidney International

Other peer review activities

None

Advisory Committees, Review Groups / Study Sections

2016	Rumafonds (Dutch Arthritis Foundation) Grant Review
2016	Ministère des Affaires Sociales et de la Santé (French Ministry of Health) Grant Review
2018-2019	National Institutes of Health, National Institute on Aging, Special Emphasis Panel
2020	National Institutes of Health, National Institute on Aging, NIA-C
2020	National Institutes of Health, National Center for Advancing Translational Sciences, Special Emphasis Panel
2020	Dutch Kidney Foundation Grant Review
2021	National Institutes of Health, Health Services: Quality and Effectiveness (HSQE) study section

Professional Societies

2012-present	Member, American Society of Nephrology
2012-present	Member, American Society of Transplant Surgeons
2013-present	Member, Gerontological Society of American
2017-present	Member, American Society of Transplantation

Conference Organizer

None

Session Chair

National	
11/2018	Session chair, “Delirium and Cognitive Decline in Hospitalized Older Adults.” Gerontological Society of America Annual Meeting. Boston, MA.
International	
7/2018	Session chair, “Symposium on Improving Patient Outcomes.” The International Congress of The Transplant Society (TTS). Madrid, Spain.

Consultantships

2013 – 2017	US Food & Drug Administration, Division of Pulmonary, Allergy and Rheumatology Products, I provided consultation on study design
1/2019	AAC and DSaRM Advisory Committee Consultant. US Food & Drug Administration
1/2020	AADPAC and DSaRM Advisory Committee Consultant. US Food & Drug Administration
2019	Armstrong, Donohue, Ceppos, Vaughan & Rhoades, Chtd. I provided consultation on epidemiology

RECOGNITION

Awards, Honors

2000-2004	Presidential Scholarship, Academic Scholarship, Carnegie Mellon
2004	Woman’s Leadership Conference Participant, Carnegie Mellon
2004	Rho Lambda Member, Woman’s Leadership Society, Carnegie Mellon
2004	Phi Kappa Phi Honor Society Member, National Honors Society, Carnegie Mellon
2004	Graduated with University Honors, Carnegie Mellon

2015 Faculty Innovation Fund Recipient, JHU Bloomberg School of Public Health
 2010 American College of Rheumatology/Abbot Graduate Student Achievement Award, American College of Rheumatology
 2013 Young Investigator Award for Aging Research, American Transplant Congress
 2013-2018 National Institutes of Health Loan Repayment Program Recipient, National Institute of Aging
 2014 American Society for Transplant Surgeons Junior Investigator Award, Sponsor: American Society of Transplant Surgeons
 2014 American Society for Transplant Surgeons Winter Symposium Abstract Award, American Society of Transplant Surgeons
 2015 American Society for Transplant Surgeons Junior Investigator Award, American Society of Transplant Surgeons
 2017 American Journal of Kidney Disease Reviewer Hall of Fame, AJKD

**Invited Talks
 JHMI/Regional**

12/2020 “Eliciting the bioethical considerations of kidney transplantation for frail and cognitively impaired patients.” Renal Disease Interest Group.
 02/2021 “Geriatric Transplantation: Outcomes Research to Inform the Care of Vulnerable Kidney Transplant Candidates and Recipients.” Johns Hopkins Surgery Center for Outcomes Research.

National

11/2011 “Clinical risk factors for gout and hyperuricemia,” Takeda Symposium at the American College of Rheumatology, Chicago, IL.
 11/2012 “Clinical risk factors for gout and hyperuricemia: 1-year update,” Takeda Symposium at the American College of Rheumatology, Washington, DC.
 11/2013 “Clinical risk factors for gout and hyperuricemia: 2-year update,” Takeda Symposium at the American College of Rheumatology, San Diego, CA.
 05/2015 “Frailty- novel metric or novelty?” Invited Symposium at the American Transplant Congress, Philadelphia, PA.
 09/2015 “Prehabilitation for adults with ESRD on the kidney transplant waitlist: An intervention for frail and nonfrail recipients.” Mendez National Institute of Transplantation Foundation, Los Angeles, CA (remote presentation).
 11/2015 “Access to Kidney Transplantation: Effects of Age, Sex, and BMI.” Invited Symposium at American Society of Nephrology Kidney Week, San Diego, CA.
 04/2016 “The Use of the Case-Cohort Study Design in Pharmacoepidemiology.” Invited Pre-conference Workshop for the Midyear International Conference on Pharmacoepidemiology, Baltimore, MD.
 04/2017 “Evaluation of Frailty and Association with Post-Transplant Outcomes.” Invited Symposium at American Transplant Congress, Chicago, IL.
 04/2017 “Management of the Older Transplant Patient.” Invited Symposium at the American Nephrology Nurses Association, Washington, DC.
 11/2017 “Assessing Fitness” for Transplant: Frailty, Functional Status, Frequent Hospitalizations and Beyond?” Invited Symposium at American Society of Nephrology Kidney Week, New Orleans, LA.
 01/2018 “Bedside Tools to Assess Body Composition and Muscle Function.” American Society for Parenteral and Enteral Nutrition. Las Vegas, NV.
 02/2018 “Frailty Considerations in Kidney/Pancreas Transplantation.” American Society for Transplantation Consensus Conference on Frailty in Solid Organ Transplantation. Phoenix, AZ.
 06/2018 “Frailty Assessment.” Invited Symposium at American Transplant Congress, Seattle, WA.

- 10/2018 "The Intersection of Aging and End-Stage Renal Disease." State of the Art: Kidney and Pancreas Transplantation, University of Michigan, Ann Arbor, Michigan.
- 03/2019 "Geriatric Transplantation: Developing Health Services Research to Inform the Care of Vulnerable Kidney Transplant Candidates and Recipients." Invited Presentation at the University of Alabama Birmingham, Birmingham, Alabama.
- 04/2019 "Frailty and Functioning Assessment in Transplant Patients." Invited Symposium at the National Kidney Foundation. Boston, Massachusetts.
- 11/2019 "Possible Mitigators and Treatments for Cognitive Decline Among Patients on Dialysis." Invited Symposium at American Society of Nephrology Kidney Week, Washington, DC.
- 02/2021 "Frailty and Cognitive Impairment: Measuring Physiologic Aging in Kidney Transplantation." Invited Presentation at Thomas Jefferson Transplant Institute, Philadelphia, PA (virtual).

International

- 9/2015 "Frailty: A Novel Concept in ESRD Risk Prediction." Invited Symposium at British Columbia Kidney Days, Vancouver, Canada.
- 7/2018 "Assessing Transplant Candidate's Risk: Frailty." Invited State of the Art Symposium at The International Congress of The Transplant Society (TTS), Madrid, Spain.

Visiting Professorships

- 2/2020 University of Kansas School of Medicine – Kansas City, "Frailty and Cognitive Function: Measuring Physiologic Aging in Kidney Transplantation"

OTHER PROFESSIONAL ACCOMPLISHMENTS

Posters

- 2011 "Hypertension, but Not Pre-Hypertension, Is Associated with Incident Gout in White and Black, Men and Women From the Atherosclerosis Risk in Communities Study." American College of Rheumatology Annual Meeting, Chicago, IL.
- 2011 "Alcohol Intake Is Associated with Incident Gout Among Black and White, Men and Women in the Atherosclerosis Risk in Communities Study." American College of Rheumatology Annual Meeting, Chicago, IL.
- 2012 "Kidney Function and the Risk of Incident Gout in A Population-Based Cohort of Adults: Atherosclerosis Risk in Communities Study." American College of Rheumatology Annual Meeting, Washington, DC.
- 2013 "Acute Rejection in Older Kidney Transplant Recipients." American Transplant Congress Annual Meeting, Seattle, WA.
- 2013 "Kidney Function and Alcohol Intake and The Risk Of Incident Gout In a Population-Based Cohort Of Adults: Atherosclerosis Risk In Communities Study." American College of Rheumatology Annual Meeting, San Diego, CA.
- 2013 "Risk Factors For Incident Hyperuricemia During Mid-Adulthood In African American and White Men and Women Enrolled In The Atherosclerosis Risk In Communities Study." American College of Rheumatology Annual Meeting, San Diego, CA.
- 2014 "Patterns and Sequelae of Early Hospital Readmission After Kidney Transplantation." American Society of Transplant Surgeons Winter Symposium, Miami, FL.
- 2014 "Change in Frailty for Adults with End Stage Renal Disease After Kidney Transplantation." American Society of Transplant Surgeons Winter Symposium, Miami, FL.
- 2014 "Trends in Kidney Transplant Outcomes in Older Adults." American Society of Transplant Surgeons Winter Symposium, Miami, FL.
- 2014 "Change in Frailty for Adults with End Stage Renal Disease After Kidney Transplantation." American Geriatrics Society Annual Meeting, Orlando, FL.
- 2014 "Frailty, Immunosuppression Tolerance, and Outcomes in Kidney Transplant Recipients." Poster Presentation. World Transplant Congress, San Francisco, CA.

- 2014 “Frailty and Cognitive Function in Incident Hemodialysis Patients.” American Society of Nephrology Kidney Week, Philadelphia, PA.
- 2014 “Gout and Physical Function in Older Adults: Atherosclerosis Risk In Communities Study.” American College of Rheumatology Annual Meeting, Boston, MA.
- 2015 “Frailty and Mortality in Kidney Transplant Recipients.” American Society of Transplant Surgeons Winter Symposium, Miami, FL.
- 2015 “Length of Stay in Kidney Transplant Recipients.” American Society of Transplant Surgeons Winter Symposium, Miami, FL.
- 2015 “Change in Health-Related Quality of Life Between Evaluation for Kidney Transplantation and Transplantation.” American Transplant Congress Annual Meeting, Philadelphia, PA.
- 2015 “Change in Frailty Between Evaluation for Kidney Transplantation and Transplantation.” American Transplant Congress Annual Meeting, Philadelphia, PA.
- 2015 “Frailty and Length of Stay in KT Recipients.” American Transplant Congress Annual Meeting, Philadelphia, PA.
- 2015 “Frailty in Patients Being Evaluated for Kidney Transplantation.” American Transplant Congress Annual Meeting, Philadelphia, PA.
- 2015 “Induction Agent Use in Older KT Recipients.” International Conference on Pharmacoepidemiology, Boston, MA.
- 2015 “Cognitive Impairment and Mortality in Adults on the Kidney Transplant Waitlist.” American Society of Nephrology Kidney Week, San Diego, CA.
- 2015 “Induction Agent Use, Mortality and Acute Rejection in Older KT Recipients.” American Society of Nephrology Kidney Week, San Diego, CA.
- 2015 “Change in Health-Related Quality of Life Between Evaluation for Kidney Transplantation and Transplantation.” Gerontological Society of America Annual Meeting, Orlando, FL.
- 2015 “Change in Frailty Between Evaluation for Kidney Transplantation and Transplantation.” Gerontological Society of America Annual Meeting, Orlando, FL.
- 2015 “Frailty and Length of Stay in KT Recipients.” Gerontological Society of America Annual Meeting, Orlando, FL.
- 2016 “Cognitive Impairment and Mortality in Adults on the Kidney Transplant Waitlist.” American Society of Transplant Surgeons Winter Symposium, Miami, FL.
- 2016 “Induction Agent Use, Mortality, DGF, and Acute Rejection in Older KT Recipients.” American Society of Transplant Surgeons Winter Symposium, Miami, FL.
- 2016 “Induction Agent Use and Outcomes in Older KT Recipients: Patient and Center Level Associations.” American Transplant Congress Annual Meeting, Boston, MA.
- 2016 “Frailty, Length of Stay, and Mortality in KT Recipients.” Gerontological Society of America Annual Meeting, New Orleans, LA.
- 2017 “Prehabilitation and Physical Activity Levels Among Patients on Kidney Transplant Waitlist.” American Transplant Congress, Chicago, IL.
- 6/2018 “Immunosuppression and the Risk of Dementia Among Older Kidney Transplant Recipients.” American Transplant Congress. Seattle, WA
- 6/2018 “Frailty and Kidney Transplantation: AST-KPCOP Survey of Center Practices.” American Transplant Congress. Seattle, WA
- 6/2018 “Frailty, Inflammation, and Waitlist Mortality Among Patients with End-Stage Renal Disease.” Society for Epidemiologic Research. Baltimore, MD.
- 6/2018 “Incidence, Risk Factors, and Sequelae of Post-Kidney Transplant Delirium.” Society for Epidemiologic Research. Baltimore, MD.
- 10/2018 “Intradialytic Activities and Health-Related Quality of Life.” American Society of Nephrology Kidney Week. San Diego, CA.
- 10/2018 “Access to the Kidney Transplant Waitlist for Patients with HIV and ESRD.” American Society of Nephrology Kidney Week. San Diego, CA.
- 8/2019 “Benzodiazepines, Co-Prescribed Opioids, and Mortality Among Patients Initiating Hemodialysis” International Conference on Pharmacoepidemiology. Philadelphia, PA.
- 11/2019 "Poor Outcomes in Kidney Transplant (KT) Candidates & Recipients with History of Falls" American Society of Nephrology Kidney Week. Washington, DC.

- 11/2019 “Benzodiazepines, Co-Prescribed Opioids, and Mortality Among Patients Initiating Hemodialysis” American Society of Nephrology Kidney Week. Washington, DC.
- 11/2019 “Functional Independence, Access to Kidney Transplantation, and Waitlist Mortality” Gerontologic Society of America Annual Meeting. Austin, TX.

Oral/Podium Presentations

- 2012 “Predictors of Early Hospital Readmission After Kidney Transplantation.” American Transplant Congress Annual Meeting, Boston, MA.
- 2012 “Anemia and the Onset of Gout in a Population-Based Cohort of Adults: Atherosclerosis Risk in Communities Study.” American College of Rheumatology Annual Meeting, Washington, DC.
- 2013 “Frailty as a Novel Predictor of Mortality and Hospitalization in Hemodialysis Patients of All Ages.” American Geriatrics Society Annual Meeting, Grapevine, TX.
- 2013 “Frailty and Early Hospital Readmission after Kidney Transplantation.” American Transplant Congress Annual Meeting, Seattle, WA.
- 2013 “Trends in Kidney Transplant Outcomes in Older Adults.” American Transplant Congress Annual Meeting, Seattle, WA.
- 2014 “Frailty Prevalence And Kidney Transplant Outcomes In Recipients Of All Ages.” American Geriatrics Society Annual Meeting, Orlando, FL.
- 2014 “Change in Frailty for Adults with End Stage Renal Disease After Kidney Transplantation.” World Transplant Congress, San Francisco, CA.
- 2014 “Frailty as a Novel Predictor of Graft Loss and Mortality in Kidney Transplant Recipients of All Ages.” World Transplant Congress, San Francisco, CA.
- 2014 “Frailty Prevalence and Kidney Transplant Outcomes in Recipients of All Ages.” Gerontological Society of America Annual Meeting, Washington DC.
- 2014 “Frailty as a Novel Predictor of Graft Loss and Mortality in Kidney Transplant Recipients of All Ages.” American Society of Nephrology Kidney Week, Philadelphia, PA.
- 2014 “Gout and Older Adults: Atherosclerosis Risk In Communities Study.” American College of Rheumatology Annual Meeting, Boston, MA.
- 2016 “The Physical Frailty Phenotype in Adults of All Ages with ESRD.” The International Conference on Frailty and Sarcopenia, Philadelphia, PA.
- 2016 “Frailty in KT Recipients of All Ages.” American Transplant Congress Annual Meeting, Boston, MA.
- 2016 “Characterization of the Physical Frailty Phenotype and Mortality in Kidney Transplant Recipients of All Ages.” Gerontological Society of America Annual Meeting, New Orleans, LA.
- 2016 “Frailty and the Blood Pressure Response to the Stressor of Hemodialysis.” Symposium. Gerontological Society of America Annual Meeting, New Orleans, LA.
- 2017 “EPTS is a Poor Predictor of Post-KT Mortality for Older Recipients.” American Transplant Congress, Chicago, IL.
- 2017 “Dementia and Alzheimer’s Disease Among Older Kidney Transplant Recipients.” American Transplant Congress, Chicago, IL.
- 2017 “The Physical Frailty Phenotype and the Blood Pressure Response to the Stressor of Hemodialysis Among Older Patients.” IAGG World Congress of Gerontology and Geriatrics, San Francisco, CA.
- 2017 “Dementia and Alzheimer’s Disease Among Older Kidney Transplant Recipients.” IAGG World Congress of Gerontology and Geriatrics, San Francisco, CA.
- 2017 “An International perspective on Implementing Frailty into clinical Practice.” Symposium Chair. IAGG World Congress of Gerontology and Geriatrics, San Francisco, CA.
- 2017 “Clinical Use of the Physical Frailty Phenotype in Older Transplant Recipients” IAGG World Congress of Gerontology and Geriatrics, San Francisco, CA.
- 2017 “Dementia and Alzheimer’s Disease Among Older Adults Initiating Hemodialysis.” American Society of Nephrology Kidney Week, New Orleans, LA.
- 02/2018 “Frailty, Inflammation, and Mortality Among Patients with End-Stage Renal Disease.” International Conference on Frailty and Sarcopenia Research. Miami, FL.
- 06/2018 “Incidence, Risk Factors, and Sequelae of Post-Kidney Transplant Delirium.” American Transplant Congress. Seattle, WA.

- 06/2018 “Prevalence of Frailty among Kidney Transplant Recipients in the US.” American Transplant Congress. Seattle, WA.
- 06/2018 “Association of Health Literacy with Adverse Outcomes Among Kidney Transplant Candidates and Recipients.” American Transplant Congress. Seattle, WA.
- 06/2018 “Inflammatory Frailty Index and Mortality after Kidney Transplantation.” American Transplant Congress. Seattle, WA.
- 07/2018 “Frailty, Inflammation, and Mortality Among Patients with End-Stage Renal Disease.” The International Congress of The Transplant Society (TTS). Madrid, Spain.
- 07/2018 “Cognitive Impairment and Graft Loss in Kidney Transplant Recipients.” The International Congress of The Transplant Society (TTS). Madrid, Spain.
- 07/2018 “Inflammatory Frailty Index and Mortality after Kidney Transplantation.” The International Congress of The Transplant Society (TTS). Madrid, Spain
- 10/2018 “Association of Pre-Transplant Weight Loss with Mortality after Deceased Donor Kidney Transplantation.” American Society of Nephrology Kidney Week. San Diego, CA.
- 10/2018 “Outcomes for Kidney Transplant Recipients with Hearing, Visual, Physical, and Walking Disabilities.” American Society of Nephrology Kidney Week. San Diego, CA.
- 10/2018 “Identification of Factors That Explain Racial Disparities during the Evaluation Process for Kidney Transplantation.” American Society of Nephrology Kidney Week. San Diego, CA.
- 10/2018 “Frailty and Age Disparities in Access to Kidney Transplantation.” American Society of Nephrology Kidney Week. San Diego, CA.
- 11/2018 “Incidence, Risk Factors, and Sequelae of Post-Kidney Transplant Delirium.” Gerontological Society of America Annual Meeting. Boston, MA.
- 11/2018 “Frailty, Inflammatory Markers, and Mortality Among White and African American Patients with End-stage Renal Disease.” Gerontological Society of America Annual Meeting. Boston, MA.
- 02/2019 “Frailty and Access to Kidney Transplantation.” International Conference on Frailty and Sarcopenia Research. Miami, FL.
- 06/2019 “Poor Outcomes in Kidney Transplant Candidates and Recipients with History of Falls” American Transplant Congress. Boston, MA.
- 06/2019 “Cognitive Function and Waitlist Outcomes Among those With and Without Diabetes” American Transplant Congress. Boston, MA.
- 08/2019 “High-risk Opioid Utilization and Mortality Among Hemodialysis Patients” International Conference on Pharmacoepidemiology. Philadelphia, PA.
- 08/2019 “Immunosuppression, Fractures, and Post-Kidney Transplant Outcomes among Older Recipients” International Conference on Pharmacoepidemiology. Philadelphia, PA.
- 11/2019 "Cognitive Function & Waitlist Outcomes in Kidney Transplant Candidates With & Without Diabetes" American Society of Nephrology Kidney Week. Washington, DC.
- 11/2019 "Post-Transplant Functional Status Trajectory Among Adult Kidney Transplant Recipients" Gerontologic Society of America Annual Meeting. Austin, TX.
- 02/2020 “Air Pollution and Frailty Among Patients with End-stage Kidney Disease” International Conference on Frailty and Sarcopenia Research. Toulouse, France.
- 06/2020 “Post-Operative Delirium and Cognitive Decline in Kidney Transplant Recipients”
 “Development and Validation of an Inflammatory-frailty Index for Kidney Transplantation”
 “Post-transplant Functional Status Trajectory and Predictive Validity on Mortality Among Adult Kidney Transplant Recipients”
 “Frailty Prevalence among Younger and Older Kidney Transplant Candidates and Recipients”
 American Transplant Congress. Philadelphia, PA. (virtual)
- 09/2020 “Ambient Air Pollution and Adverse Waitlist Events Among Lung Transplant Candidates”. The International Congress of The Transplant Society (TTS). Seoul, Korea. (virtual)

Other

Presentations to policy-makers and other stakeholders

“Timing of safety-related labeling changes and marketing withdrawals,” January 29, 2008, FDA Open Public Meeting. *Maximizing the Public Health Benefit of Adverse Event Collection Throughout a Product’s Marketed Life Cycle*. Rockville, MD.

“Special Skills Workshop: How did I get there?” Panel discussion of careers in pharmacoepidemiology, August 8, 2008, 24th *International Conference on Pharmacoepidemiology and Therapeutic Risk Management*. Copenhagen, Denmark.

“American Society for Transplantation Consensus Conference on Frailty in Solid Organ Transplantation.” Workgroup Member and Conference Participant, February 11, 2018. Phoenix, AZ.

“Frailty Testing in Transplantation.” Organ Donation and Transplantation Alliance Webinar Series. May 2018.

“Global Renal Exercise” International Workgroup Member and Conference Participant, November 2019. Calgary, Alberta, Canada.

“Frailty and Cognitive Impairment in Kidney Transplantation.” Organ Donation and Transplantation Alliance Webinar Series. Virtual. November 2021.

“AST T3 Webinar Preparation: "Novel Approaches to the Assessment of Frailty." Virtual. March 2021.