

## Curriculum Vitae

Mara, McAdams DeMarco, PhD

### Current Appointments and Leadership Positions

**Faculty Appointment** (For joint appointments, please make separate line entries for each department in which you are appointed)

02/2022 Associate Professor, Tenure-eligible, Department of Surgery, New York University, New York, NY.  
02/2022 Adjunct Associate Professor, Not tenure-eligible, Department of Surgery, Johns Hopkins School of Medicine, Baltimore, MD.

### **Hospital Appointment**

N/A

**Administrative Leadership Positions** (Administrative roles are defined in a formalized contract or as defined by your department chair/institute director. Examples of Administrative Leadership roles are as follows: Vice Chairs, Service Chiefs, Section Chiefs, Division Directors, and Directors.)

Effective date (mm/yyyy) | Mission area | Program (for Edu. Roles only) | Title | Department | Institution Location (City, State)

02/2022 Associate Vice Chair for Research, Department of Surgery, New York University, New York, NY.

### Education and Training

#### **Education**

05/2004 B.S., Statistics/Spanish, Carnegie Mellon University, Pittsburgh, PA  
06/2006 M.S., Epidemiology, Harvard School of Public Health, Boston, MA  
08/2011 Ph.D., Epidemiology, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

**Postdoctoral Training** (Include internships, residencies, clinical and research fellowships, postdoctoral research, and other postgraduate training)

N/A

**Specialty Certification** (List all certifications you hold in your specialty. Include general and specialty boards; include date of maintenance of certification only if applicable)

N/A

**Licensure** (List all professional licenses you have or have held in the past)

N/A

### **Previous Appointments and Leadership Positions**

**Faculty Academic Appointments** (For joint appointments, please make separate line entries for each department in which you were appointed)

Dates (mm/yyyy-mm/yyyy) | Academic Title | Tenure Status | Department | University | Location (City, State)

08/2011–08/2013	Instructor, Tenure-eligible, Department of Surgery, Johns Hopkins University School of Medicine
09/2013–07/2014	Associate Professor, Tenure-eligible, Department of Surgery, Johns Hopkins University School of Medicine
07/2014–07/2019	Associate Professor, Tenure-eligible, Department of Epidemiology, Johns Hopkins University Bloomberg School of Public Health, Baltimore, MD
01/2019–07/2020	Associate Professor, Tenure-eligible, Department of Epidemiology, Johns Hopkins University Bloomberg School of Public Health, Baltimore, MD
07/2020–2/2022	Associate Professor, Tenure-eligible, Department of Surgery, Johns Hopkins University School of Medicine, Baltimore, MD

### **Hospital Appointments**

N/A

**Administrative Leadership Positions** (Administrative roles are defined in a formalized contract or as defined by your department chair/institute director. Examples of Administrative Leadership roles are as follows: Vice Chairs, Service Chiefs, Section Chiefs, Division Directors, and Directors.)

Dates (mm/yyyy-mm/yyyy) | Mission area | Program (for Edu. Roles only) | Title | Department | Institution | Location (City, State)

01/2018–2/2022	Center for Drug Safety and Effectiveness, Associate Director, Department of Epidemiology, Johns Hopkins University Bloomberg School of Public Health, Baltimore, MD
07/2020–2/2022	Clinical and Outcomes Research, Director, Department of Surgery, Johns Hopkins University School of Medicine, Baltimore, MD
01/2021–2/2022	Surgery Center for Outcomes Research, Director, Department of Surgery, Johns Hopkins University School of Medicine, Baltimore, MD

### **Other Professional Positions**

Dates (mm/yyyy-mm/yyyy) | Title | Organization | Description | Location (City, State)

08/2004-05/2005	Research Assistant, Harvard University School of Public Health: Department of Epidemiology,
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06/2005-08/2005	Conducted nutritional epidemiology research, Boston, MA Epidemiology Intern, US Food & Drug Administration, Studied the intersection of epidemiology and drug policy, Silver Spring, MD
09/2005-06/2006	Research Assistant, Harvard University School of Public Health: Department of Epidemiology, Conducted nutritional epidemiology research, Boston, MA
07/2006-08/2008	Epidemiology and Policy ORISE Fellow, US Food & Drug Administration, Studied the intersection of epidemiology and drug policy, Silver Spring, MD
01/2009-07/2011	Student Research Assistant, Johns Hopkins University Bloomberg School of Public Health: Department of Epidemiology, Conducted CVD epidemiology research, Baltimore, MD

### Awards, Honors, and Memberships in Honorary Societies

(List any professional awards, honors, or memberships in honorary societies that you have received. These can include: Awards for teaching, research, or clinical care; External recognition of effort or expertise; Honorary degrees. Please do not include grant renewals/awards/PI, or any new hires/promotions/tenure.)

#### Internal

Date awarded (mm/yyyy) | Awarding institution/society | Name of award

2000-2004	Carnegie Mellon University, Presidential Scholarship, Academic Scholarship
01/2004	Carnegie Mellon University, Woman's Leadership Conference Participant
01/2004	Carnegie Mellon University: Woman's Leadership Society, Rho Lambda Member
05/2004	Carnegie Mellon University: National Honors Society, Phi Kappa Phi Honor Society Member
05/2004	Carnegie Mellon University, Graduated with University Honors
06/2015	JHU Bloomberg School of Public Health, Faculty Innovation Fund Recipient

#### External

Date awarded (mm/yyyy) | Awarding institution/society | Name of award

11/2010	American College of Rheumatology, American College of Rheumatology/Abbot Graduate Student Achievement Award
06/2013	American Transplant Congress, Young Investigator Award for Aging Research
09/2013-09/2018	National Institute of Aging, National Institutes of Health Loan Repayment Program Recipient
06/2014	American Society of Transplant Surgeons, American Society for Transplant Surgeons Junior Investigator Award
01/2014	American Society of Transplant Surgeons, American Society for Transplant Surgeons Winter Symposium Abstract Award
06/2015	American Society of Transplant Surgeons, American Society for Transplant Surgeons Junior Investigator Award
11/2017	AJKD, American Journal of Kidney Disease Reviewer Hall of Fame,

## Research Activity

### Research Activities

Personal statement (3-4 sentences): Describe your research activities, focus and accomplishments.

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

### Grant History

#### Grants and Clinical Trials

Please enter grant information in the tables below. In each table, list all NIH grants first. To start a new line in the table, press the Tab key when you reach the end of a row. If there are no grants, so state.

#### Current

Funding Agency	Role	Effort %	Project Title	NCE	Award Type	Grant Number	Project ID	Project Start Date	Project End Date	Annual Project Direct Costs	Annual Project Indirect Costs	Annual Project Total Costs	Total Project Direct Costs	Total Project Indirect Costs	Total Project Costs
NIH-NIDDK	PI	30%	Hemodialysis-based interventions to preserve cognitive function	N	R01	5R01DK114074	10320432	1/9/18	12/31/22	\$330,885	\$210,939	\$541,824	\$2,335,735	\$1,488,468	\$3,824,203
NIH-NIDDK	PI	30%	Developing personalized immunosuppression for older kidney transplant recipients	N	R01	5R01DK120518	10304934	12/18/18	11/30/22	\$584,113	\$153,834	\$584,113	\$1,911,117	\$728,182	\$2,639,299
NIH-NIA	PI	20%	ESRD-specific physiologic age: improving geriatric transplant prognostication	N	R01	R01AG055781	10162461	9/1/17	5/31/22	\$620,972	\$241,753	\$620,972	\$2,564,607	\$1,633,832	\$4,198,439
NIH-NIA	Co-I	1%	Characterizing Resiliencies to Physical Stressors in Older Adults: A Dynamical Physiological Systems Approach	N	UH2/3	UH2/3AG056933		9/1/17	8/31/23	\$1,504,000	\$820,643	\$2,324,643	\$7,362,451	\$4,093,519	\$10,562,432

#### Pending

Funding Agency	Role	Effort %	Project Title	Award Type	Grant Number	Project ID	Project Start Date	Project End Date	Annual Project Direct Costs	Annual Project Indirect Costs	Annual Project Total Costs	Total Project Direct Costs	Total Project Indirect Costs	Total Project Costs
NIH-NIA	Co-PI	20%	Improving Kidney Transplant Evaluation with Post-Transplant Dementia/Alzheimer's Disease Risk Prediction Models	R01	R01 AG078212	10500290	7/1/22	6/30/27	\$499,986	\$318,741	\$818,726	\$2,499,843	\$1,593,650	\$4,093,493
NIH-NIA	PI	30%	Structural Racism, Resilience, and Premature	R01	R01 AG077888	10471530	4/1/22	3/31/27				\$2,489,823	1587262	\$4,077,085

			Cognitive Aging in End-stage Renal Disease						\$494,566	\$315,285	\$809,851			
NIH-NIA	PI	75%	Cognitive prehabilitation to prevent Alzheimer's disease after kidney transplantation	K02	K02 AG076883	10427856	4/1/22	3/31/27	\$148,080	\$11,846	\$159,926	\$710,002	\$56,800	\$766,802

*Past*

Funding Agency	Role	Effort %	Project Title	Award Type	Grant Number	Project ID	Project Start Date	Project End Date	Annual Project Direct Costs	Annual Project Indirect Costs	Annual Project Total Costs	Total Project Direct Costs	Total Project Indirect Costs	Total Project Costs
NIH-NIA	PI	75%	Frailty and Adverse Health Outcomes of Aging in Older Adults with Kidney Failure	K01	K01 AG043501	9402038	12/1/13	11/30/18				\$577,652	\$46,212	\$623,864
NIH-NIDDK	PI	10%	Development of a Kidney Disease-Specific Geriatric Assessment		Chronic Renal Insufficiency Cohort Opportunity Pool		7/1/20	2/15/22						\$45,716
Non-NIH (ASN)	PI	50%	Frailty and Adverse Health Outcomes of Aging in Older Adults with Kidney Failure		Carl W. Gottschalk Research Scholar Grant		7/1/13	6/30/15						\$90,000
Non-NIH (ANRF)	PI	50%	The Burden, Risk Factors, and Consequences of Gout in Older Adults		Arthritis and Aging Research Grant		7/1/13	6/30/14						\$91,690
Non-NIH MNITF	PI	20%	Prehabilitation for Adults with End Stage Renal Disease on the Kidney Transplant Waitlist		Mendez National Institute for Transplantation Foundation Pilot Grant		4/4/16	4/3/17						\$45,455

**Clinical Activity**

Personal statement (3-4 sentences): Describe your clinical activities, focus and accomplishments.

N/A

**Education Activity**

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 Activities** (These can include: teaching to students/house staff, courses or lectures to medical students, residents, or graduate students)

Dates (mm/dd/yyyy) | Program (if applicable) | Teaching Activity | Course Title | Audience | Teaching site | Frequency

*For Program, please specify UME, GME, Sackler, Other, or N/A*

*For Teaching Activity, please specify Teaching in medical school curriculum, Teaching in graduate school curriculum, Teaching in faculty and development programs, Teaching in residency programs, Teaching in fellowship programs, Development/organization/direction of a course of study, etc.*

*For Audience, please specify Students/house staff, Medical students, Residents, Graduate students, or Other*

*For Teaching Site, please specify Tisch (Superblock), Bellevue, NYU Orthopedic Hospital, NYU Langone – Brooklyn, Washington Square, or Other*

First Term 2011-2015	Teaching in graduate school curriculum, Epidemiologic Methods I 340.751, Graduate students, Department of Epidemiology, Johns Hopkins Bloomberg School of Public Health.
First Term 2016-2019	Teaching in graduate school curriculum, Epidemiologic Methods I 340.751, Department of Epidemiology, Johns Hopkins Bloomberg School of Public Health.
Summer Institute 2012-2016	Teaching in graduate school curriculum, Applications of the Case-Control Method 340.605, Department of Epidemiology, Johns Hopkins Bloomberg School of Public Health.
Summer Institute 2018-2020	Teaching in graduate school curriculum, Pharmacoepidemiology 340.617, Johns Hopkins Bloomberg School of Public Health.
2014, 2017, 2021	Teaching in graduate school curriculum, Epidemiology First Year Doctoral Seminar, Johns Hopkins Bloomberg School of Public Health.
First Term 2014-2021	Teaching in graduate school curriculum, Kidney Disease Epidemiology Guest Speaker, “Aging and Kidney Disease”, Johns Hopkins Bloomberg School of Public Health.

**Curriculum development and other innovative educational activities** (Types of activities can include: the development of new conferences, computer-based teaching materials, slides, videos, laboratory modules, course syllabi, educational websites, etc.)

Dates (mm/yyyy-mm/yyyy) | Type | Description

*For Type, please specify New conference, Computer-based teaching materials, Slides, Videos, Laboratory modules, Course syllabi, Educational websites, or Other*

**Invited Talks and Teaching of Peers** (These can include grand rounds, visiting professorships, lectures, keynote addresses, workshops, and other continuing medical education activities)

### Internal

Sponsored by NYU Langone Health

Dates (mm/dd/yyyy-mm/dd/yyyy) | Role | Program (if applicable) | Title of Presentation/Course | Audience | Name of Organization | Teaching site | Frequency | Location (City, State)

*For Role, please specify Invited speaker, Keynote speaker, Panelist, Moderator, or Other*

*For Program, please specify Grand rounds, CME, Visiting Professorship, Other, or N/A*

*For Teaching site, please specify Tisch (Superblock), Bellevue, NYU Orthopedic Hospital, NYU Langone – Brooklyn, Washington Square, or Other*

N/A

Sponsored by all other NYU schools

Dates (mm/dd/yyyy-mm/dd/yyyy) | Role | Program (if applicable) | Title of Presentation/Course | Audience | Name of Organization | Teaching site | Frequency | Location (City, State)

*For Role, please specify Invited speaker, Keynote speaker, Panelist, Moderator, or Other*

*For Teaching site, please specify the NYU school in which the teaching occurred*

N/A

External to NYU Langone Health and all other NYU schools

Dates (mm/dd/yyyy-mm/dd/yyyy) | Scope | Role | Program (if applicable) | Title of Presentation/Course | Audience | Name of Organization | Teaching site | Frequency | Location (City, State)

### Invited Talks

- 12/2020 “Eliciting the bioethical considerations of kidney transplantation for frail and cognitively impaired patients.” Renal Disease Interest Group. JHMI. Once. Baltimore, MD.
- 02/2021 “Geriatric Transplantation: Outcomes Research to Inform the Care of Vulnerable Kidney Transplant Candidates and Recipients.” Johns Hopkins Surgery Center for Outcomes Research. JHMI. Once. Baltimore, MD.
- 01/2022 “Pharmacoepidemiology and personalization of transplant immunosuppressive medication” John Hopkins Clinical Pharmacology Grand Rounds. JHMI. Once. Baltimore, MD.

### National

- 11/2011 “Clinical risk factors for gout and hyperuricemia,” Takeda Symposium at the American College of Rheumatology. Once. Chicago, IL.
- 11/2012 “Clinical risk factors for gout and hyperuricemia: 1-year update,” Takeda Symposium at the American College of Rheumatology. Once. Washington, DC.
- 11/2013 “Clinical risk factors for gout and hyperuricemia: 2-year update,” Takeda Symposium at the American College of Rheumatology. Once. San Diego, CA.
- 05/2015 “Frailty- novel metric or novelty?” Invited Symposium at the American Transplant Congress. Once. 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. Once. 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. Once. 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. Once. Baltimore, MD.
- 04/2017 “Evaluation of Frailty and Association with Post-Transplant Outcomes.” Invited Symposium at American Transplant Congress. Once. Chicago, IL.
- 04/2017 “Management of the Older Transplant Patient.” Invited Symposium at the American Nephrology Nurses Association. Once. Washington, DC.
- 11/2017 “Assessing Fitness” for Transplant: Frailty, Functional Status, Frequent Hospitalizations and Beyond?” Invited Symposium at American Society of Nephrology Kidney Week. Once. New

Orleans, LA.

- 01/2018 "Bedside Tools to Assess Body Composition and Muscle Function." American Society for Parenteral and Enteral Nutrition. Once. Las Vegas, NV.
- 02/2018 "Frailty Considerations in Kidney/Pancreas Transplantation." American Society for Transplantation Consensus Conference on Frailty in Solid Organ Transplantation. Once. 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. Once. 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. Once. Birmingham, Alabama.
- 04/2019 "Frailty and Functioning Assessment in Transplant Patients." Invited Symposium at the National Kidney Foundation. Once. Boston, Massachusetts.
- 11/2019 "Possible Mitigators and Treatments for Cognitive Decline Among Patients on Dialysis." Invited Symposium at American Society of Nephrology Kidney Week. Once. Washington, DC.
- 02/2021 "Frailty and Cognitive Impairment: Measuring Physiologic Aging in Kidney Transplantation." Invited Presentation. Thomas Jefferson Transplant Institute. Once. Philadelphia, PA (virtual).
- 11/2021 "Moving Frailty Into Clinical Practice." Invited Presentation at the Gerontologic Society of America Annual Meeting Pre-Conference Workshop. Once. Pheonix, AZ (virtual).
- 1/2022 "Why Should We Assess Frailty Before Transplantation." Invited Presentation. Beth Israel Deaconess Nephrology Grand Rounds. Once. Boston, MA (virtual).

### **International**

- 9/2015 "Frailty: A Novel Concept in ESRD Risk Prediction." Invited Symposium at British Columbia Kidney Days. Once. 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). Once. Madrid, Spain.

### **Visiting Professorships**

- 2/2020 University of Kansas School of Medicine – Kansas City, "Frailty and Cognitive Function: Measuring Physiologic Aging in Kidney Transplantation." Once. Kansas City, KS.
- 5/2021 McGill University Health Center, "The Role of Frailty and Cognitive Function in Dialysis and Kidney Transplantation." Once. Montreal, Canada (Virtual).

### **Workshops/Seminars**

- 10/2018 State of the Art: Kidney and Pancreas Transplantation, Presenter, "The Intersection of Aging and End-Stage Renal Disease.", Nephrologists, University of Michigan, Single Event, Ann Arbor, Michigan.
- 03//2021 The State of the Science of Solid Organ Transplantation and Disability Workshop, Presenter, "Pre-Transplant Management Care Approaches." CMS. The National Academy of Medicine, Single Event, virtual



10//2021

“Why Should We Assess Frailty Before Transplantation?”,  
Geriatric Nephrology Symposium, The Royal Society of Medicine  
(United Kingdom), Single Event, virtual.

**Mentoring and Advising** (Please indicate by asterisk \* in front of the names of those mentees who are cited on publications in your CV. If you know the Current Academic title and Institution of your mentee, you may indicate)

#### Predoctoral students supervised and/or mentored

Dates (mm/yyyy-mm/yyyy) | Name | Program | Role | Current Academic title (*optional*) | Institution (*optional*)

2014-2016 Jingwen Tan, PhD program in epidemiology, Advisor, PhD  
2014-2016 Yan Chen, MHS program, Advisor, MHS  
2014-2016 Yi-Chen Liu, MHS program, Advisor, MHS  
2016-2017 Rritu Gulati, MPH program, Advisor, MPH  
2016-2017 Xinran (Joy) Liu, MHS program, Advisor, MHS  
2014-2018 Eugenia Chock, MPH program, Advisor, MPH  
2016-2018 Sheriza Baksh, PhD program in Epidemiology, Thesis Committee, PhD  
2016-2018 Alexandra Mountford, Post-baccalaureate research position, Advisor  
2016-2018 Alvin Thomas, Post-baccalaureate research position, Advisor, BS, PhD Candidate  
2017-2018 Komal Kumar, Post-baccalaureate research position, Advisor, BA, MPH  
2017-2018 Karina Covarrubias, Medical student and research fellow, Advisor, BA  
2017-2018 Jonathan Konel, Post-baccalaureate research position, Advisor, BA  
2018-2018 Arlinda Deng, MHS student, Advisor, MD  
2018-2019 Joyce Qian, PhD student in epidemiology, Advisor, Thesis Committee, PhD  
2015-2020 Matthew Daubresse, DrPH program in epidemiology, Advisor, DRPH  
2017-2020 Prakriti Shrestha, Post-baccalaureate research position, Advisor, MS  
2019-2020 Lingyu (Alex) Wang, MHS student, Advisor, MBBS, MHS  
2020-2021 Yusi Chen, MHS student, Advisor, MHS  
2016-present Nadia Chu, PhD program in Epidemiology, Thesis Committee, MPH, PhD, Professor of Epidemiology and Surgery at Johns Hopkins.  
2016-present Fatima Warsame, Post-baccalaureate diversity scholar, Advisor, BA 4<sup>th</sup> year medical student and MHS student at Brown University, Providence, Rhode Island.  
2016-present Ashton Shaffer, MD/PhD program, Advisor, BA, currently MD/PhD student at Johns Hopkins, Baltimore, MD.  
2017-present Jennifer Motter, Masters program, Johns Hopkins Bloomberg School of Public Health, Advisor, BA, MHS,  
2019-present Riaz Qureshi, PhD student in Epidemiology, Thesis Committee, PhD, currently Assistant Professor at University of Colorado.  
2021- present Yunwen Xu [PhD student; committee member], currently PhD student.  
2021-present Elizabeth Linton, [PhD student; committee member], currently PhD student.

#### Postdoctoral students supervised and/or mentored

Dates (mm/yyyy-mm/yyyy) | Name | Program | Department | Role | Current Academic title (*optional*) | Institution (*optional*)

2012-2014 Megan Salter, PhD post-doctoral fellow in Epidemiology, Advisor, PhD  
2014-2016 Elizabeth King, PhD student, Advisor, MD, PhD, Assistant Professor at Johns Hopkins University

	SOM, Baltimore, MD.
2016-2017	Sandra DiBrito, Surgical resident and PhD student, Advisor, MD, PhD.
2016-2018	Rekha Kambhampati, Nephrology fellow and MHS student, Advisor, MD
2016-2018	Heather Wasik, Nephrology fellow and MHS student, Advisor, Assistant Professor of Pediatrics at Upstate Golisano Children's Hospital.
2016-2019	Christine Haugen, Surgical resident and PhD student, Advisor, MD, PhD
2018-2019	Karly Murphy, General internal medicine fellow and MHS student, Advisor, MD, MHS. Assistant Professor of Medicine Johns Hopkins University SOM, Baltimore, MD.
2018-2020	Kyle Jackson, Surgical resident and PhD student, final defense committee, MD, PhD, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD.
2016-present	Nadia Chu, PhD student in epidemiology, thesis committee, MPH, PhD, Assistant Professor of Epidemiology and Surgery at Johns Hopkins.
2016-present	Jessica Ruck, surgical resident, research advisor, MD,
2017-present	Sunjae Bae, PhD student in epidemiology, thesis committee, KMD, PhD, Instructor in Surgery at Johns Hopkins.
2019-present	Aarti Mathur, Assistant Professor of Surgery and PhD student, research mentor, MD, PhD. Associate Professor at Johns Hopkins University SOM, Baltimore, MD.

### **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

### **Faculty mentored**

	Dates (mm/yyyy-mm/yyyy)   Name   Department   Current Academic title ( <i>optional</i> )   Institution ( <i>optional</i> )
2016-present	Nadia Chu, PhD student in epidemiology, thesis committee, MPH, PhD, Assistant Professor of Epidemiology and Surgery at Johns Hopkins.
2017-present	Sunjae Bae, PhD student in epidemiology, thesis committee, KMD, PhD, Instructor in Surgery at Johns Hopkins.
2019-present	Aarti Mathur, Assistant Professor of Surgery and PhD student, research mentor, MD, PhD. Associate Professor at Johns Hopkins University SOM, Baltimore, MD.

## **Institutional, Local/National Service and Related Activity**

### **Institutional Service**

Dates (mm/yyyy-mm/yyyy) | Committee type | Your role | Name of committee | Description  
*For Committee type, please specify University, Hospital, School, Department or Other*  
*For Your role, please specify Chair, Vice Chair, Member, Ad-hoc member, Diversity ambassador, Mentoring champion, or Other*

2014-present	Johns Hopkins University, Junior Affiliated Faculty, CVD T32, Support T32 and mentorship
2015-present	Johns Hopkins University, Affiliated Faculty, Renal T32, Support T32 and mentorship
2016-2020	Johns Hopkins University, Member, Epidemiology Curriculum Committee, Developed Curriculum
2017-present	Johns Hopkins University, Program Faculty, OAIC: Research Education Component, Supported frailty research mentoring
2019-present	Johns Hopkins University, Affiliated Faculty, Pharmacoepidemiology T32, Support T32 and Mentorship
2020-2022	Johns Hopkins University, Director, Clinical and Outcomes Research, Department of Surgery, Oversaw outcomes research for the Department of Surgery
2021-2022	Johns Hopkins University, Director, Johns Hopkins Surgery Center for Outcomes Research, Oversaw JSCOR Center activities

### **Professional Service**

**Professional Service for Professional Organizations** (Include memberships, elected offices held, committee memberships, leadership roles, and involvement in meeting planning. If specific offices were held or committees were participated in, indicate applicable title and years)

Dates (mm/yyyy-mm/yyyy) | Your role | Name of organization | Description  
*For Your role, please specify Chair, Vice Chair, Member, Ad-hoc member, or Other*

### **Professional Societies**

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

**Peer Review Groups, Grant Application Review Groups, and Study Sections**

Dates (mm/yyyy-mm/yyyy) | Your role | Name of group | Name of organization  
 (Chair, Vice chair, Member, Ad-hoc member, Peer reviewer, Ad-hoc reviewer, Permanent member, or Other)  
*For Your role, please specify Chair, Vice Chair, Member, Ad-hoc member, Peer reviewer, Ad-hoc reviewer, Permanent member, or Other*

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

### Advisory Boards and Consultant Positions

Dates (mm/yyyy-mm/yyyy) | Your role | Name of board | Sponsoring organization  
*For Your role, please specify Chair, Vice Chair, Member, Ad-hoc member, or Other*

2013 – 2017 Other, US Food & Drug Administration, Division of Pulmonary, Allergy and Rheumatology Products,  
 1/2019 Other, AAC and DSaRM Advisory Committee Consultant. US Food & Drug Administration  
 1/2020 Other, AADPAC and DSaRM Advisory Committee Consultant. US Food & Drug Administration  
 2019 Other, Armstrong, Donohue, Ceppos, Vaughan & Rhoades, Chtd. I provided consultation on epidemiology  
 1/2022-ongoing Member, DSaRM Advisory Committee Consultant. US Food & Drug Administration

### Organizing Roles in Scientific Meetings (List all organizing roles you have help in professional or scientific society meetings, symposia, or workshops)

Meeting date (mm/yyyy) | Role | Meeting name | Name of organization | Location (City, State)  
*For Your role, please specify Chair, Co-Chair, Vice chair, Moderator, Planning committee member, or Other*

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.  
 10/2021 Session chair, “Frailty and Sarcopenia Research.” The International Conference on Frailty and Sarcopenia Research. Virtual.

### Editorial and Journal Positions (List all editorial board review positions and all ad-hoc review positions)

Dates (mm/yyyy-mm/yyyy) | Role | Name of organization | Complete title of publication  
*For Your role, please specify Editor, Co-editor, Editorial board member, Ad-hoc reviewer, Peer reviewer, or Other*

### **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

### **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

### **Community Service, Volunteer Activities, and Teaching of Patients**

Dates (mm/yyyy-mm/yyyy) | Role | Name of organization | Location (City, State)

NA

### **Military Service**

Years of Service (yyyy-yyyy) | Branch

NA

### **Bibliography**

**Publications** (You must list all authors. Do not use “et al.”)

References should be written in accordance with: Anonymous. Uniform requirements for manuscripts submitted to biomedical journals. International Committee of Medical Journal Editors. NEJM 1997;336:308-315.

Number reference consecutively in the order in which they were published, and separate by category as follows:

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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.
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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.
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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.
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#### Peer-reviewed reviews

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.
6. Alsaad R, Chen X, **McAdams-DeMarco M**. The Clinical Application of Frailty in Nephrology and Transplantation. *Current Opinions in Nephrology and Hypertension*. 2021.

#### Non-peer-reviewed publications

#### Book Chapters, Books

1. **McAdams-DeMarco MA**, Segev DL. "Preoperative Assessment of the Elderly Patient: Frailty" in the 11<sup>th</sup> 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.

### Editorials and Commentaries

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.

### Book reviews

#### Meeting Reports, Consensus Reports, practice guidelines and any other publication

#### Media appearances

Year (yyyy) | Authors | Title | Medium | Publisher/Distributor | Link (if applicable)

*For Medium, please specify Television, Radio, Print, Social Media, or Other*

#### Other Media including Research and Analytic tools (Please include description)

Year (yyyy) | Authors | Description

### 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.

### Abstracts

#### Oral and poster presentations

Date (mm/dd/yyyy) | Authors | Title | Conference title | Organization | Location (City, State)

- |      |   |
|------|---|
| 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.
- 6/2020 "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, Virtual.
- 6/2021 "Frailty Component Trajectories Among Kidney Transplant Recipients"  
 "Early Steroid Withdrawal and Post-Transplant Diabetes."  
 "Ambient Air Pollution and Changes in Cognitive Function Among Kidney Transplant Recipient"  
 American Transplant Congress, Virtual.
- 11/2021 "Re-KT in patients with graft failure: mortality trends and survival benefit by age"  
 "Secondary hyperparathyroidism treatment and the risk of dementia" Kidney Week, Virtual.

### **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)
- 6/2021 “Racial Disparities in Access to Re-Kidney Transplantation”  
 “Depressive Symptoms and Listing for Kidney Transplantation” American Transplant Congress, virtual.
- 10/2021 “Replacing Unintentional Weight Loss with Sarcopenia in Physical Frailty Phenotype Construct for Clinical Use” International Conference on Frailty and Sarcopenia Research, virtual.
- 11/2021 “Measurement Disparities in Frailty Among Kidney Transplant Patients: Impact of Differential Item Functioning”  
 “Transplant Centers That Measure Frailty as Part of Clinical Practice Have Better Outcomes”  
 Gerontologic Society of America, 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, 24<sup>th</sup> *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.

## Patents

Year (yyyy) | Name | Issuing country | Patent number | Date filed | Date granted

NA















