

*Curriculum Vitae*

**Keith S. Goldfeld**

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EDUCATION

Year	Degree	Field	Institution
1987	BA	Computer Science	Williams College
1991	MPA	Domestic Policy	Princeton School of Public Affairs, Princeton University
2006	MS	Statistics	Zicklin School of Business, Baruch College
2012	DrPH	Biostatistics	Mailman School of Public Health, Columbia University

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ACADEMIC APPOINTMENTS

2012 - 2014	Instructor, Dept. of Population Health, NYU Grossman School of Medicine, New York
2014 - 2020	Assistant Professor, Dept. of Population Health, NYU Grossman School of Medicine, New York
2020 -	Associate Professor, Dept. of Population Health, NYU Grossman School of Medicine, New York

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OTHER PROFESSIONAL POSITIONS AND MAJOR VISITING APPOINTMENTS

1992 - 1995	Port Authority of New York & New Jersey, New York
1995 - 1999	HealthFirst, Inc., New York
1999 - 2001	Independent Budget Office, New York
2001 - 2002	New York City Board of Education, New York
2002 - 2004	Gold Health Strategies, Inc., New York
2004 - 2007	Policy Research Institute for the Region, Princeton University, New Jersey

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TEACHING AND PRESENTATIONS

2008	Teaching Assistant, Statistical Computing with SAS. Mailman School of Public Health, Columbia University
2008	Teaching Assistant, Research Data Coordination: Principals and Practice. Mailman School of Public Health, Columbia University
2014	Course Instructor, Biostats III, Advanced Methods for Observational Data Analysis, NYU School of Medicine
2015	Guest Lecturer, Population Health Selective, NYU School of Medicine
2016	Guest Lecturer, Population Health Selective, NYU School of Medicine
2016	Guest Lecturer, Introduction to R Programming, Mt. Sinai School of Medicine
2018	Guest Lecturer, Race and Causality, Mt. Sinai School of Medicine

2018	Presentation, Simulating a Marginal Structural Model, Practice and Research at the Intersection of Information, Society, and Methodology (PRIISM), NYU Steinhardt
2019	Guest Lecturer, Advanced Survival Methods, NYU School of Medicine
2019	Guest Lecturer, Race and Causality, Mt. Sinai School of Medicine
2020	Guest Lecturer, Observational Data Methods, NYU Grossman School of Medicine
2021	Guest Lecturer, Advanced Regression Modeling, NYU Grossman School of Medicine

## FACULTY MENTORED

2019 - 2021	Dr. Binhuan Wang, Dept. of Population Health, Assistant Professor
2020 -	Dr. Hayley Belli, Dept. of Population Health, Assistant Professor
2020 -	Dr. Alexandra Ursache, Dept. of Population Health, Assistant Professor
2020 -	Dr. Lorel Burns, NYU College of Dentistry, Assistant Professor
2020 -	Dr. Jennifer Scherer, Dept. of Medicine, Assistant Professor
2020 -	Dr. Jiyuan Hu, Dept. of Population Health, Assistant Professor
2021 -	Dr. Vincent Major, Dept. of Population Health, Assistant Professor

## MAJOR RESEARCH INTERESTS

Health services research, cluster randomized trials, simulation, Bayesian analysis of clinical trials, causal inference, observational data analysis, end-of-life and palliative care, dementia care, addiction.

## GRANT HISTORY

### *Current*

Funding Agency	Role	Effort %	Project Title	No-Cost Extensions	Award Type	Grant #	Project ID	Start Date	End Date	Annual Project Costs	Total Project Costs
NYU WSQ	PD/PI	20	NIA HAS-QOL	N	Contract	F100457-04	111234	18-Sep	23-Aug	12,950	12,950
NIH	Co-I	25	PRIMER	N	Grant	1UG3AT009844-01	109452	18-May	23-Apr	1,906,269	2,889,939
NIH-NIDA	Co-I	10	Impact of Jail-Based Methadone	N	Grant	1R01DA045042-01A1	110402	18-Aug	23-May	594,838	1,261,625
PCORI	Co-I	15	EMPALL-A	N	Contract	PLC-1609-36306	108436	17-Dec	23-Nov	2,660,432	2,660,432
Brown University	PD/PI	10	NIA AD/ADRD Collaboratory	N	Sub	FP00020227		19-Aug	23-Jun	29,539	59,964
Brown University	PD/PID	5	Improved Testing in SNFs: IMPACT-C	N	Sub						
NIH-NIDA	Co-I	10	EXIT-CJS	N	Grant						

### *Past*

Funding Agency	Role	Project Title	Award Type	Grant #	Project ID	Start Date	End Date	Annual Project Costs	Total Project Costs
NIH-NCCIH	Biostat	Telephone-delivered mindfulness intervention	Grant	K23AT009208	107090	16-Sep	21-Aug	312,206	312,206
NIH-OD	Biostat	Impact of Racially Targeted Ads	Grant	DP5OD021373	105230	15-Sep	20-Aug	1,271,250	1,271,250
AHRQ	Biostat	Using Practice Facilitation in Primary Care	Grant	R18HS023922	104680	15-May	19-Apr	4,953,410	14,919,460
NIH-NIDA	Biostat	Extended-Release Naltrexone	Grant	3U01DA033336-05S1	106163	13-Jun	19-May	305,100	305,100
NIH-NIAAA	Co-I	Extended-Release vs Oral Naltrexone	Grant	R01AA020836	106042	16-May	19-Apr	2,906,066	2,906,066
CDC	Biostat	NYU/CUNY	Grant	U48DP005008	105374	15-Sep	18-Sep	597,483	597,483
Bezos Family Foundation	Biostat	Research to Practice	Grant		107616	15-Jul	21-Aug	2,000,000	
NIH-NIDA	Biostat	Improve psychiatrist adherence	Grant	1R34DA043059-01A1	109720	18-Sep	21-Jul	285,562	501,110
NIH-NIDA	Biostat	NIDA Clinical Trials Network	Grant	UG1DA013035	105300	15-Sep	20-May	853,698	2,202,043
NIH-NIDA	Co-I	Long-acting bup vs naltrexone	Grant	1 U01DA047982-01		19-Aug	24-Apr	17,761,674	26,758,568
NIH	Co-I	EPPIC-NET	Grant	1U24NS113844 - 01		19-Jul	24-Jun	9,108,308	35,102,962
NIH-NIDDK	Co-I	Pain & Opioids in ES Renal Dis	Grant	1U01DK123814		19-Dec	21-Dec	826,051	826,051
CDC	Co-I	NYU/CUNY	Grant	U48DP005008		14-Sep	19-Sep	250,000	1,244,752
VA	Biostat	IPA Agreement	Contract		112614	18-Aug	20-Feb	9,356	11,261
VA	Biostat	IPA Agreement	Contract		110096	17-Oct	19-Sep	11,571	14,755
VA	Biostat	IPA Agreement	Contract		112027	18-Aug	20-Jul	24,247	30,376

- **simstudy** (<https://kgoldfeld.github.io/simstudy/index.html>): An R package to generate a wide range of simulated study data
- **ouR data generation** (<https://www.rdatagen.net>): The website is a compendium of R code and commentary to highlight the various uses of simulation to aid in the understanding of probability, statistics, and study design

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## PUBLICATIONS

### Original reports

1. KS Goldfeld et al. “Medicare expenditures among nursing home residents with advanced dementia”. In: *Archives of Internal Medicine* 171.9 (2011), pp. 824–830. DOI: 10.1001/archinternmed.2010.478
2. “Hospital transfers of nursing home residents with advanced dementia”. In: *Journal of the American Geriatrics Society* 60.5 (2012), pp. 905–909. DOI: 10.1111/j.1532-5415.2012.03919.x
3. KS Goldfeld, Mary Beth Hamel, and SL Mitchell. “Mapping health status measures to a utility measure in a study of nursing home residents with advanced dementia”. In: *Medical Care* 50.5 (2012), pp. 446–451. DOI: 10.1097/MLR.0b013e3182407e0d
4. KS Goldfeld. “Twice-weighted multiple interval estimation of a marginal structural model to analyze cost-effectiveness”. In: *Statistics in Medicine* 33.7 (2013), pp. 1222–1241. DOI: 10.1002/sim.6017
5. KS Goldfeld et al. “Health Insurance Status and the Care of Nursing Home Residents With Advanced Dementia.” In: *JAMA internal medicine* 173.22 (2013), pp. 2047–2053. DOI: 10.1001/jamainternmed.2013.10573
6. KS Goldfeld, Mary Beth Hamel, and Susan L Mitchell. “The cost-effectiveness of the decision to hospitalize nursing home residents with advanced dementia”. In: *Journal of Pain and Symptom Management* 46.5 (2013), pp. 640–651. DOI: 10.1016/j.jpainsymman.2012.11.007
7. Saul Blecker et al. “Emergency department visits for heart failure and subsequent hospitalization or observation unit admission”. In: *American Heart Journal* 168.6 (2014), 901–908.e1. DOI: 10.1016/j.ahj.2014.08.002
8. Saul Blecker et al. “Association of weekend continuity of care with hospital length of stay”. In: *International journal for quality in health care: journal of the International Society for Quality in Health Care / ISQua* 26.5 (2014), pp. 530–537. DOI: 10.1093/intqhc/mzu065
9. Saul Blecker et al. “Electronic health record use, intensity of hospital care, and patient outcomes”. In: *The American journal of medicine* 127.3 (2014), pp. 216–221. DOI: 10.1016/j.amjmed.2013.11.010
10. Joseph A Ladapo and KS Goldfeld. “Statistical uncertainty in 10-year Framingham risk of coronary heart disease and cardiovascular disease”. In: *Journal of the American College of Cardiology* 63.4 (2014), pp. 377–378. DOI: 10.1016/j.jacc.2013.07.108
11. Negin Hajizadeh, KS Goldfeld, and Kristina Crothers. “What happens to patients with COPD with long-term oxygen treatment who receive mechanical ventilation for COPD exacerbation? A 1-year retrospective follow-up study”. In: *Thorax* 70 (2015), pp. 294–296. DOI: 10.1136/thoraxjnl-2014-205248

12. Babak Tofighi et al. "Psychiatric comorbidity and substance use outcomes in an office-based buprenorphine program six months following hurricane sandy". In: *Substance Use & Misuse* 50.12 (2015), pp. 1571–1578. DOI: 10.3109/10826084.2015.1023455
13. Joseph A. Ladapo, KS Goldfeld, and Pamela S. Douglas. "Projected morbidity and mortality from missed diagnoses of coronary artery disease in the United States". In: *International Journal of Cardiology* 195 (2015), pp. 250–252. DOI: 10.1016/j.ijcard.2015.05.033
14. Sripal Bangalore et al. "Outcomes with angiotensin-converting enzyme inhibitors vs other antihypertensive agents in hypertensive blacks". In: *The American Journal of Medicine* 128.11 (2015), pp. 1195–1203. DOI: 10.1016/j.amjmed.2015.04.034
15. Saul Blecker et al. "Impact of an intervention to improve weekend hospital care at an academic medical center: an observational study". In: *Journal of General Internal Medicine* 30.11 (2015), pp. 1657–1664. DOI: 10.1007/s11606-015-3330-6
16. Gbenga Ogedegbe et al. "Comparative effectiveness of angiotensin-converting enzyme inhibitor-based treatment on cardiovascular outcomes in hypertensive blacks versus whites". In: *Journal of the American College of Cardiology* 66.11 (2015), pp. 1224–1233. DOI: 10.1016/j.jacc.2015.07.021
17. Donna R. Shelley et al. "Testing the use of practice facilitation in a cluster randomized stepped-wedge design trial to improve adherence to cardiovascular disease prevention guidelines: HealthyHearts NYC". in: *Implementation Science* 11.1 (2015), p. 88. DOI: 10.1186/s13012-016-0450-2
18. R.D. McDonald et al. "Extended-release naltrexone opioid treatment at jail reentry (XOR)". in: *Contemporary Clinical Trials* 49 (2016), pp. 57–64. DOI: 10.1016/j.cct.2016.05.002
19. Ryan D. McDonald et al. *Erratum: Corrigendum to "Extended-release naltrexone opioid treatment at jail reentry (XOR)" (Contemporary Clinical Trials (2016) 51 (96) (S1551714416300593) (10.1016/j.cct.2016.05.002))*. 2016. DOI: 10.1016/j.cct.2016.09.009
20. Laurie Miller Brotman et al. "Effects of ParentCorps in prekindergarten on child mental health and academic performance". In: *JAMA Pediatrics* 170.12 (2016), pp. 1149–1155. DOI: 10.1001/jamapediatrics.2016.1891
21. Negin Hajizadeh and KS Goldfeld. "Burden of transitions after invasive mechanical ventilation for U.S. individuals with severe chronic obstructive pulmonary disease: opportunity to prepare for preference- congruent end-of-life care?" In: *Journal of the American Geriatrics Society* 64.2 (2016), pp. 434–435. DOI: 10.1111/jgs.13967
22. Emma K T Benn and KS Goldfeld. "Translating context to causality in cardiovascular disparities research". In: *Health Psychology* 35.4 (2016), pp. 403–406. DOI: 10.1037/hea0000309
23. Lindsay E Jubelt et al. "Changes in discharge location and readmission rates under medicare bundled payment". In: *JAMA internal medicine* 176.1 (2016), pp. 115–117. DOI: 10.1001/jamainternmed.2015.6265
24. Priscilla M. Lopez et al. "Protocol for project IMPACT (improving millions hearts for provider and community transformation): a quasi-experimental evaluation of an integrated electronic health record and community health worker intervention study to improve hypertension management". In: *BMC Health Services Research* 17.1 (2017), p. 810. DOI: 10.1186/s12913-017-2767-1
25. Elenore Patterson Bhatraju et al. "Public sector low threshold office-based buprenorphine treatment: outcomes at year 7". In: *Addiction Science & Clinical Practice* 12.1 (2017), p. 7. DOI: 10.1186/s13722-017-0072-2

26. Lindsay E. Jubelt et al. "Early lessons on bundled payment at an academic medical center". In: *Journal of the American Academy of Orthopaedic Surgeons* 25.9 (2017), pp. 654–663. DOI: 10.5435/JAAOS-D-16-00626
27. Donna Shelley et al. "System changes to implement the joint commission tobacco treatment (TOB) performance measures for improving the treatment of tobacco use among hospitalized patients". In: *The Joint Commission Journal on Quality and Patient Safety* 43.5 (2017), pp. 234–240. DOI: 10.1016/j.jcjq.2017.02.008
28. Kathleen Hanley et al. "Evaluation of the substance abuse research and education training (SARET) program: stimulating health professional students to pursue careers in substance use research". In: *Substance Abuse* 39.4 (2018), pp. 476–483. DOI: 10.1080/08897077.2018.1449167
29. Corita R Grudzen et al. "Primary palliative care for emergency medicine (PRIM-ER): protocol for a pragmatic, cluster-randomised, stepped wedge design to test the effectiveness of primary palliative care education, training and technical support for emergency medicine". In: *BMJ Open* 9.7 (2019), e030099. DOI: 10.1136/bmjopen-2019-030099
30. Kosuke Tamura et al. "Accelerometer and GPS data to analyze built environments and physical activity". In: *Research Quarterly for Exercise and Sport* 90.3 (2019), pp. 395–402. DOI: 10.1080/02701367.2019.1609649
31. Priscilla M. Lopez et al. "Feasibility and outcomes of an electronic health record intervention to improve hypertension management in immigrant-serving primary care practices". In: *Medical Care* 57.6 (2019), S164–S171. DOI: 10.1097/mlr.0000000000000994
32. Noah Berland et al. "Use of online opioid overdose prevention training for first-year medical students: A comparative analysis of online versus in-person training". In: *Substance Abuse* 40.2 (2019), pp. 240–246. DOI: 10.1080/08897077.2019.1572048
33. Corita R Grudzen et al. "Emergency Medicine Palliative Care Access (EMPallA): protocol for a multicentre randomised controlled trial comparing the effectiveness of specialty outpatient versus nurse-led telephonic palliative care of older adults with advanced illness". In: *BMJ Open* 9.1 (2019), e025692. DOI: 10.1136/bmjopen-2018-025692
34. Sahnah Lim et al. "The DREAM Initiative: study protocol for a randomized controlled trial testing an integrated electronic health record and community health worker intervention to promote weight loss among South Asian patients at risk for diabetes". In: *Trials* 20.1 (2019), pp. 1–10. DOI: 10.1186/s13063-019-3711-y
35. Paul Krebs et al. "Utility of using cancer registry data to identify patients for tobacco treatment trials". In: *Journal of registry management* 46.2 (2019), pp. 30–36
36. Frank R. Chung et al. "Effectiveness and reach of the primary palliative care for emergency medicine (PRIM-ER) pilot Study: a qualitative analysis". In: *Journal of General Internal Medicine* (2020). DOI: 10.1007/s11606-020-06302-2
37. Heather G Allore et al. "Statistical considerations for embedded pragmatic clinical trials in people living with dementia". In: *J Am Geriatr Soc* 68.S2 (2020), S68–S73. DOI: 10.1111/jgs.16616
38. Keith Goldfeld and Jacob Wujciak-jens. "simstudy: illuminating research methods through data generation". In: *Journal of Open Source Software* 5.54 (2020), p. 2763. DOI: 10.21105/joss.02763
39. Alexandra Ursache et al. "Early emotion knowledge and later academic achievement among children of color in historically disinvested neighborhoods". In: *Child development* 91.6 (2020), e1249–e1266. DOI: 10.1111/cdev.13432

40. Mohamed El et al. "Taking the analysis of trial-based economic evaluations to the next level: The importance of accounting for clustering". In: *PharmacoEconomics* 38.11 (2020), pp. 1247–1261. DOI: 10.1007/s40273-020-00946-y
41. Joshua Chodosh et al. "The HEAR-VA pilot study: hearing assistance provided to older adults in the emergency department". In: *Journal of the American Geriatrics Society* 69 (4 2021), pp. 1071–1078. DOI: 10.1111/jgs.17037
42. Tanya M Spruill et al. "Telephone-based depression self-management in Hispanic adults with epilepsy: a pilot randomized controlled trial". In: *Translational Behavioral Medicine* 11.7 (2021), pp. 1451–1460. DOI: 10.1093/tbm/ibab045
43. Keith S Goldfeld et al. "Prospective individual patient data meta-analysis: evaluating convalescent plasma for COVID-19". In: *Statistics in Medicine* 40.24 (2021), pp. 5131–5151. DOI: 10.1002/sim.9115
44. Abigail M Schmucker et al. "Data from emergency medicine palliative care access (EMPallA): a randomized controlled trial comparing the effectiveness of specialty outpatient versus telephonic palliative care of older adults with advanced illness presenting to the emergency department". In: *BMC Emergency Medicine* 21.1 (2021). DOI: 10.1186/s12873-021-00478-4
45. Joshua D Lee et al. "Comparison of treatment retention of adults with opioid addiction managed with extended-release buprenorphine vs daily sublingual buprenorphine-naloxone at time of release from jail". In: *JAMA Network Open* September (2021). DOI: 10.1001/jamanetworkopen.2021.23032
46. Elizabeth Needham Waddell et al. "Long-acting buprenorphine vs. naltrexone opioid treatments in CJS-involved adults". In: *Journal of Substance Abuse Treatment* September (2021). DOI: 10.1016/j.jsat.2021.108389
47. Mila B Ortigoza et al. "Efficacy and safety of COVID-19 convalescent plasma in hospitalized patients: a randomized clinical trial". In: *JAMA Internal Medicine* 182.2 (2022), pp. 115–126. DOI: 10.1001/jamainternmed.2021.6850
48. Andrea B Troxel et al. "Association of convalescent plasma treatment with clinical status in patients hospitalized with COVID-19: a meta-analysis". In: *JAMA Network Open* 5.1 (2022), e2147331. DOI: 10.1001/jamanetworkopen.2021.47331
49. Hyung Park et al. "Development and validation of a treatment benefit index to identify hospitalized patients with COVID-19 who may benefit From convalescent plasma". In: *JAMA Network Open* 5.1 (2022), e2147375. DOI: 10.1001/jamanetworkopen.2021.47375
50. Sarah D Berry et al. "Evaluating the findings of the IMPACT-C randomized clinical trial to improve COVID-19 vaccine coverage in skilled nursing facilities". In: *JAMA Internal Medicine* January (2022), pp. 1–8. DOI: 10.1001/jamainternmed.2021.8067
51. Victoria Vaughan Dickson et al. "Providing hearing assistance to veterans in the emergency department: a qualitative study". In: *Journal of Emergency Nursing* February (2022), pp. 1–12. DOI: 10.1016/j.jen.2022.01.005
52. Shih-Yin Lin et al. "Findings of sequential pilot trials of Aliviado Dementia Care to inform an embedded pragmatic clinical trial". In: *The Gerontologist* 62.2 (2022), pp. 304–314. DOI: 10.1093/geront/gnaa220
53. Haber Yaa et al. "A novel opt-in vs opt-out approach to referral-based treatment of tobacco use in veterans affairs (VA) primary care clinics: A provider-level randomized controlled trial protocol". In: *Contemporary Clinical Trials* 116 (2022), p. 106716. DOI: 10.1016/j.cct.2022.106716

54. Oluwaseun J. Adeyemi et al. "Knowledge and attitudes toward hospice and palliative Care: instrument validation among emergency providers". In: *American Journal of Hospice and Palliative Medicine* (2022). DOI: 10.1177/10499091221098664

## Monographs

1. Keith S Goldfeld, ed. *Beyond Post-9/11: A Colloquium on the Future of the Port Authority of New York and New Jersey*. Policy Research Institute for the Region, Woodrow Wilson School at Princeton University, 2005
2. Keith S Goldfeld, ed. *The Race for Space: The Politics and Economics of State Open Space Programs*. Policy Research Institute for the Region, Woodrow Wilson School at Princeton University, 2006
3. Keith S Goldfeld, ed. *The economic geography of megaregions*. Policy Research Institute for the Region, Woodrow Wilson School at Princeton University, 2007
4. Keith S Goldfeld, ed. *TANF at 10: A Retrospective on Welfare Reform*. Policy Research Institute for the Region, Woodrow Wilson School at Princeton University, 2007

## AD HOC PEER REVIEW

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1. The European Journal of Health Economics
2. Pharmacoepidemiology and Drug Safety
3. Statistics in Medicine
4. Medical Care
5. Clinical Trials
6. Medical Decision Making
7. BJPsych Open
8. JAMA Network Open
9. Journal of Pediatric Rehabilitation Medicine
10. Communications in Statistics - Simulation and Computation

## NATIONAL REVIEW COMMITTEES

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### Ad Hoc Reviewer

1. NIH Clinical Neuroscience and Neurodegeneration Study Section – June 2018
2. NIH Pragmatic and Implementation Studies for the Management of Pain to Reduce Opioid Prescribing (PRISM) RFA – May 2019
3. NIH/NCCIH Clinical Trials of Mind and Body Interventions – March 2020
4. Donaghue Medical Research Foundation, Another Look 2020 Grant Review - July 2020

5. NIH/NCCIH Clinical Trials of Mind and Body Interventions – October 2020
6. NIH/NCCIH Clinical Trials of Mind and Body Interventions – March 2021
7. NIH/Small Business: Aging, Auditory, Vision and Low Vision Technologies – ETTN - June 2021
8. NIH/NCCIH Clinical Trials of Mind and Body Interventions – July 2021
9. NIH/NCCIH Clinical Trials of Mind and Body Interventions – November 2021
10. NIH/NCCIH Clinical Trials of Mind and Body Interventions – February 2022
11. NIH/NINDS Detecting Cognitive Impairment, Including Dementia, in Primary Care (Pragmatic clinical trials) - March 2022

#### **Data and Safety Monitoring Board Member**

1. "Leveraging the Electronic Health Record to Nudge Clinicians to Prescribe Evidence-Based Statin Medications to Reduce the Risk of Cardiovascular Disease" (NUDGE). Mitesh Patel, University of Pennsylvania School of Medicine/Penn Medicine Nudge Unit, 2020
2. "Financial Incentives for Smoking Treatment II" (FIESTA II). Joseph Ladapo, David Geffen School of Medicine at UCLA, 2020.
3. "Tailored Non-Pharmacotherapy Services for Chronic Pain: Testing Scalable and Pragmatic Approaches" (RESOLVE). Lynn Debar, Kaiser Permanente Washington Health Research Institute, 2020
4. "Dementia Literacy Education and Navigation for Korean Elders with Probable Dementia and their Caregivers" (PLAN) Hae-Ra Han, Johns Hopkins University, 2020
5. "Increase medication adherence and care retention in people living with HIV in Philadelphia" (MAPS+). Robert Gross, University of Pennsylvania School of Medicine, 2020