

Joel Epstein Segel

jes87@psu.edu
814-863-8786

Current Position and Affiliations

Associate Professor with tenure, Department of Health Policy and Administration Pennsylvania State University	2021 -
Department of Public Health Sciences, Penn State College of Medicine (courtesy appointment)	2015 -
Penn State Cancer Institute, Member	2015 -
Penn State Center for Health Care and Policy Research, Research Affiliate	2015 -
Penn State Population Research Institute, Affiliate	2018 -

Education

PhD, Health Services Organization and Policy (Health economics cognate) University of Michigan- Ann Arbor Dissertation title: Three Essays in Preventive Health Economics	2015
BA, Economics (Highest Honors and Highest Distinction) University of North Carolina- Chapel Hill	2005

Previous Professional Experience

Assistant Professor, Department of Health Policy and Administration Pennsylvania State University	2015 - 2021
Associate Economist, RTI International	2005-2009

Honors and Awards

Soistman Award, Penn State College of Health and Human Development	2018
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Charles C. Shepard Science Award Nominee—co-author	2012
University of Michigan Regents Fellowship	2010-2012
AHRQ Pre-doctoral Traineeship in Health Services Research	2009-2010
RTI Spot Award for outstanding work producing <i>Diabetes Care</i> manuscript	June 2007
RTI Annual Award for Outstanding Performance	November 2006
Phi Beta Kappa	2004
Omicron Delta Epsilon, Economics Honor Society	2004

Current Research Funding

Commonwealth of Pennsylvania: Insurance Department Title: Health Insurance Technical Assistance: Insurance and Equity Market Scan Role: Co-Principal Investigator Total Amount: \$160,775	2021-2022
Idaho Department of Health and Welfare Title: Evaluation of Idaho’s Medicaid Behavioral Health Transformation Waiver: Optimizing Statewide Service Delivery for Treatment of Opioid Use Disorder and Serious Mental Illness Role: Co-Principal Investigator Total Amount: \$1,473,024	2021-2027
Department of Defense Title: Permanent Change of Station and Variation in Cancer Prevention and Care in the Military Health System Role: Principal Investigator Total Amount: \$717,562	2020-2023
National Cancer Institute (R01) Title: Increasing Physical Activity in Rural Pennsylvania: The PA Moves Trial Role: Co-Investigator (PIs: Kathryn Schmitz and Mack Ruffin) Total Amount: \$5,672,591	2022-2026
Center for Medicare and Medicaid Innovation (Subcontractor to NORC) Title: Evaluation of the Pennsylvania Rural Health Model Role: Co-Investigator (PI: Dennis Scanlon) Total Amount: \$1,151,323	2019-2026
National Cancer Institute (R37) Title: HPV ECHO: Increasing the adoption of evidence-based communication strategies for HPV vaccination in rural primary care practices (PI: William Calo) Role: Co-Investigator	2020-2025

Total Amount: \$1,864,061

Pending Research Funding

Department of Defense	2022
Title: Direct vs. Purchased Care as Drivers of Geographic Variation in Cancer Outcomes in the Military Health System	
Role: Principal Investigator	
Total Amount: \$652,250	
National Science Foundation	2022
Title: D-ISBN: Developing Early Warning Systems for Emerging Epidemics of Illicit Substances: A Data-Driven Modeling Approach	
Role: Co-Investigator (PI: Qiushi Chen)	
Total Amount: \$669,999	

Past Research Funding

Penn State University Huck Institute	2020-2020
Title: Reductions in necessary care as a result of the COVID-19 pandemic	
Role: Co-Principal Investigator	
Total Amount: \$42,259	
Penn State Cancer Institute	2020-2021
Title: Psychosocial challenges and educational/occupational aspirations of adolescent/young adult cancer survivors	
Role: Co-mentor (PI: Pooja Rao)	
Total Amount: \$30,000	
Penn State Clinical and Translational Science Institute	2020-2021
Title: Scaling evidence-based interventions within a health system to achieve population health benefits	
Role: Co-Investigator (PI: Dennis Scanlon)	
Total Amount: \$49,894	
Commonwealth of Pennsylvania – Department of Health	2019-2020
Title: Continuous Quality Improvement of the Pennsylvania Coordinated Medication Assisted Treatment Program	
Role: Co-Principal Investigator	
Total Amount: \$499,679	
Commonwealth of Pennsylvania – Department of Health	2019
Title: Pennsylvania Rural Health Model	

Role: Co-Investigator (PI: Lisa Davis, Dennis Scanlon)
Total Amount: \$4,426,440

Commonwealth of Pennsylvania – Center for Rural Pennsylvania 2019
Title: Availability of Hospice and Palliative Care in Rural Pennsylvania
Role: Co-Investigator (PI: Lisa Kitko)
Total Amount: \$15,000

Penn State Cancer Institute – American Cancer Society Institutional Research Grant 2018-2019
Title: Can Risk-Adjusted Emergency Department Utilization Measure Quality or Value in Breast and Prostate Cancer Care: A Pilot Evaluation of the CMS Oncology Care Model
Role: Principal Investigator
Total Amount: \$30,000

Penn State University Strategic Initiatives Grant 2018-2019
Title: On Campus Ambulatory Intensive Care (AIC) To Improve Health and Wellness of Penn State Employees and Adult Beneficiaries with Chronic Illness
Role: Co-Investigator (PI: Dennis Scanlon)
Total Amount: \$231,217

Penn State SSRI Seed Grant 2018-2019
Title: Predict Spatial-temporal Patterns of Opioid use with Criminal and Overdose Data in Pennsylvania
Role: Co-Investigator (PI: Qiushi Chen)
Total Amount: \$18,691

Commonwealth of Pennsylvania—Office of the Attorney General 2018
Title: Estimation of Societal Costs to States Due to Opioid Epidemic
Role: Co-Investigator (PI: Dennis Scanlon)
Total Amount: \$351,464

National Science Foundation 2010
Title: EAPSI Summer Fellowship in Singapore: Duke-National University of Singapore
Role: Principal Investigator
Total Amount: \$5,000

Peer-Reviewed Journal Articles

40. Shearer, RD, Jones AA, Howell BA, **Segel JE**, Winkelman TNA. (2022). Associations between prescription and illicit stimulant and opioid use in the United States, 2015-2020. *Accepted at Journal of Substance Abuse Treatment.*
39. Hsuan C, **Segel JE**, Hsia RY, Wang Y[^], Rogowski JA. (2022). Association of emergency department crowding with inpatient discharges. *Accepted at Health Services Research.*

38. Tchelebi LT, Shen B, Wang M, Potters L, Herman J, Boffa D, **Segel JE**, Park HS, Zaorsky NG. (2022). Non-adherence to guideline-concordant paradigms in the treatment of cancer. *Advances in Radiation Oncology*. Epublished ahead of print.
37. Chen Q, Sterner GE, **Segel JE**, Feng ZY[^]. (2022). Trends in opioid-related crime incidents and comparison with opioid overdose outcomes in the United States. *International Journal of Drug Policy*. Epublished ahead of print.
36. Tran L[^], Chetlen AL, Leslie DL, **Segel JE**. (2022). Effect of out-of-pocket costs on subsequent mammography screening. *Journal of the American College of Radiology*. 19(1): 24-34.
35. Zaorsky NG, Khunsriraksakul C[^], Acri SL[^], Liu D, Ba DM, Lin JL, Liu G, **Segel JE**, Drabick JJ, Mackley HB, Leslie DL. (2021). Medical service use and charges for cancer care in 2018 for privately insured patients younger than 65 years in the US. *JAMA Network Open*. 4(10): e2127784.
34. **Segel JE**, Schaefer EW, Zaorsky ZG, Hollenbeak CS, Ramian H[^], Raman JD. (2021). Potential winners and losers: understanding the Oncology Care Model may differentially impact hospitals. *JCO: Oncology Practice*. 17(8): e1150-e1161.
33. Ortiz SE, **Segel JE**, Tran LM[^]. (2021). Health savings plans and disparities in access to care by race and ethnicity. *American Journal of Preventive Medicine*. 61(2): E81-E92.
32. Roblin DW, **Segel JE**, McCarthy RJ, Mendiratta N. (2021). Comparative effectiveness of a complex care program for high-cost/high-need patients: a retrospective cohort study. *Journal of General Internal Medicine*. Epublished ahead of print.
31. **Segel JE**, Winkelman TNA. (2021). Persistence and pervasiveness: early wave opioid mortality associated with subsequent overdose deaths. *Public Health Reports*. 136(2): 212-218.
30. **Segel JE**, Ross HI[^], Edwards JL, Braun KA, Davis LA. (2021). The unique challenges facing rural providers in the COVID-19 pandemic. *Population Health Management*. 24(3): 304-306.
29. **Segel JE**, Tran L[^]. (2021). Differences between participant and non-participant hospitals in the Pennsylvania Rural Health Model. *Journal of General Internal Medicine*. Epublished ahead of print.
28. **Segel JE**, Hollenbeak CS, Gusani NJ. (2020). Rural-urban disparities in pancreatic cancer stage of diagnosis: understanding the interaction with Medically Underserved Areas. *Journal of Rural Health*. 36(4): 476-483.
27. **Segel JE**, Lengerich EJ. (2020). Rural-urban differences in the association between individual, facility, and clinical characteristics and travel time for cancer treatment. *BMC Public Health*. 20(1):196.
26. Kalidindi Y[^], Jung J, **Segel JE**, Leslie D. (2020). Impact of length of hospice on spending and utilization among Medicare beneficiaries with lung cancer. *American Journal of Hospice and Palliative Medicine*. 37(4): 286-293.
25. Mama SK, Bhuiyan N[^], Foo W, **Segel JE**, Bluethmann SM, Winkels RM, Wiskemann J, Calo W, Lengerich EJ, Schmitz KH. (2020). Rural-urban differences in meeting physical activity recommendations and health status in cancer survivors in central Pennsylvania. *Supportive Care in Cancer*. 28: 5013-5022.

24. Rao P, **Segel JE**, McGregor LM, Lengerich EJ, Drabick JJ, Miller B. (2020). Attendance at National Cancer Institute and Children's Oncology Group facilities for children, adolescents, and young adults with cancer in Pennsylvania: a population-based study. *Journal of Adolescent and Young Adult Oncology*. 9(1): 47-54.
23. **Segel JE**, Jung J. (2019). Coverage, financial burden, and the Patient Protection and Affordable Care Act for patients with cancer. *Journal of Oncology Practice*. 15(12): e1035-e1049.
22. Kalidindi Y ^, **Segel JE**, Jung J. (2019). Impact of hospice on spending and utilization among patients with lung cancer in Medicare. *American Journal of Hospice and Palliative Medicine*. Epub ahead of print.
21. **Segel JE**, Shi Y, Moran JR, Scanlon DP. (2019). Opioid misuse, labor market outcomes, and means-tested public expenditures: a conceptual framework. *American Journal of Managed Care*. 25(Suppl 13): S270-S276.
20. **Segel JE**, Schaefer EW, Raman JD, Hollenbeak CS. (2019). The association between hospitals' risk-adjusted emergency department visits and survival and costs in kidney cancer patients undergoing nephrectomy. *Clinical Genitourinary Cancer*. 17(3): e650-e657.
19. **Segel JE**, Moran JM, Shi Y, Scanlon DP. (2019). Revenue losses to state and federal government from opioid-related employment reductions. *Medical Care*. 57(7): 494-497.
18. **Segel JE**, Ortiz SE, Shaw B, Stephens M, Scanlon DP. (2019). Becoming a learning health system: designing and implementing a patient-centered clinical intervention. *Management in Healthcare*. 3(4): 302-316.
17. Winkelman TNA, **Segel JE**, Davis MM. (2019). Medicaid enrollment among previously uninsured Americans and associated outcomes by race/ethnicity - United States, 2008-2014. *Health Services Research*. 54(2): 296-306.
16. **Segel JE**, Balkrishnan R, Hirth R. (2017). The effect of false-positive mammograms on antidepressant and anxiolytic initiation. *Medical Care*. 55(8): 752-758.
15. Kullgren JT, **Segel JE**, Peterson TA, Fendrick MA, Singh S. (2017). Availability and variation of publicly reported prescription drug prices. *American Journal of Managed Care*. 23(7): 444-448.
14. Huesch MD, Chetlen A, **Segel JE**, Schetter S. (2017). Frequencies of private mentions and sharing of mammography and breast cancer terms on Facebook: a pilot study. *Journal of Medical Internet Research*. 19(6):e201.
13. Huesch MD, Schetter S, **Segel JE**, Chetlen A. (2017). Evaluation of the 'Angelina Jolie effect' on screening mammography utilization in an academic medical center. *Journal of the American College of Radiology*. 14(8): 1020-1026.
12. **Segel JE**, Kullgren JT. (2017). Health insurance deductibles and their associations with out-of-pocket spending and affordability barriers among US adults with chronic conditions. *JAMA Internal Medicine*. 177(3): 433-436.

11. Honeycutt AA, **Segel JE**, Williams D, Zhuo X, Hoerger TJ, Imai K. (2013). Medical costs of chronic kidney disease in the Medicare population. *Journal of the American Society of Nephrology*. 24(9): 1478-1483.
10. Dixon JB, Murphy DK, **Segel JE**, Finkelstein EA. (2012). Impact of laparoscopic adjustable gastric banding on type 2 diabetes. *Obesity Reviews*. 13(1): 57-67.
9. Lopes GL, **Segel JE**, Tan DSW, Do YK, Mok T, Finkelstein EA. (2012). Cost-effectiveness of epidermal growth factor receptor mutation testing and first line treatment with gefitinib for patients with advanced adenocarcinoma of the lung. *Cancer*. 118(4): 1032-1039.
8. Hoerger TJ, Ekwueme DU, Miller JW, Uzunangelov V, Hall IJ, **Segel J**, Royalty J, Gardner JG, Smith JL, Li C. (2011). Estimated effects of the National Breast and Cervical Cancer Early Detection Program on breast cancer mortality. *American Journal of Preventive Medicine*. 40(4): 397-404.
7. Hoerger TJ, Zhang P, **Segel JE**, Kahn HS, Barker LE, Couper, S. (2010). Cost-effectiveness of bariatric surgery for severely obese adults with diabetes. *Diabetes Care*. 33(9): 1933-1939.
6. Hoerger TJ, Wittenborn JS, **Segel JE**, Burrows NR, Imai K, Eggers P, Pavkov ME, Jordan R, Hailpern SM, Schoolwerth AC, Williams DE. (2010). A cost-effectiveness model of chronic kidney disease: I. Model construction, assumptions, and validation. *American Journal of Kidney Diseases*. 55(3): 452-462.
5. Hoerger TJ, Wittenborn JS, **Segel JE**, Burrows NR, Imai K, Eggers P, Pavkov ME, Jordan R, Hailpern SM, Schoolwerth AC, Williams DE. (2010). A cost-effectiveness model of chronic kidney disease: II. The cost-effectiveness of microalbuminuria screening. *American Journal of Kidney Diseases*. 55(3): 463-473.
4. Hoerger T J, Zhang P, **Segel JE**, Gregg EW, Narayan V, Hicks KA. (2009). Improvements in risk factor control among persons with diabetes in the United States: evidence and implications for remaining life expectancy. *Diabetes Research and Clinical Practice*. 86(3): 225-232.
3. Honeycutt AA, **Segel JE**, Hoerger TJ, and Finkelstein EA. (2009). Comparing cost-of-illness estimates from alternative approaches: An application to diabetes. *Health Services Research*. 44(1): 303-320.
2. Hoerger TJ, **Segel JE**, Gregg EW, and Saaddine JB. (2008). Is glycemic control improving in U.S. adults? *Diabetes Care*. 31(1), 81-86.
1. Finkelstein EA, Brown DS, Trogon JG, **Segel JE**, and Ben-Joseph RH. (2007). Age-specific impact of obesity on disease prevalence and medical costs overall and for precursors to metabolic syndrome. *Value in Health*. 10(S1), S45–S51.

^ indicates student author

Working Papers

Shearer, RD, **Segel JE**, Howell BA, Jones AA, Khatri UG, Teixeira da Silva D, Vest N, Winkelman TNA. (2022). Triangulating trends in substance use, treatment, and mortality using multiple national data sources - United States, 2010-2019. *Under review*.

Segel JE, Shearer, RD, Jones AA, Khatri UG, Howell BA, Crowley DM, Sterner G, Vest N, Teixeira da Silva D, Winkelman TNA. (2022). Opioids and psychostimulants: understanding regional patterns of overdose deaths. *Under review*.

Amill-Rosario A[^], **Segel JE**, Shi Y, Leslie DL, Scanlon DP. (2022). Variation in telehealth measurement approaches and utilization estimates. *Under review*.

Hao Q[^], **Segel JE**, Gusani NJ, Hollenbeak CS. (2022). Do Not Resuscitate orders and outcomes for patients with pancreatic cancer. *Under review*.

Segel JE, Wong WG, Kaag M, Joshi M, Warrick J, Lengerich EJ, Shen C. (2022). Relationship between availability of urologists and stage of diagnosis for urinary bladder cancer. *Under review*.

Akande AO, Riehman-Murphy CE, Oji-Mmuo CN, Sterner G, **Segel JE**, Jones A, Adam M. (2022). A scoping review of the opioid epidemic among US immigrants: implications for policy and treatment practices. *Under review*.

Other Published Papers

Masterson, L. (2022). What is a health insurance deductible? Available at <https://www.insure.com/health-insurance/what-is-a-health-insurance-deductible/> [Provided expert advice].

Segel, JE. (2020). The impact of COVID-19 on non-COVID care and population health. Penn State COVID-19 Insights from the Experts blog. <https://covid-19.ssri.psu.edu/articles/impact-covid-19-non-covid-care-and-population-health>. Published June 26, 2020.

Segel JE, Leslie D, Zajac G, Crowley DM, Morgan P. (2019). Opioid epidemic may have cost states at least \$130 billion in treatment and related expenses – and that’s just the tip of the iceberg. *The Conversation*. <https://theconversation.com/opioid-epidemic-may-have-cost-states-at-least-130-billion-in-treatment-and-related-expenses-and-thats-just-the-tip-of-the-iceberg-118245>.

Finkelstein EA, **Segel JE**. (2010). Does cost-savings mean cost-effective? *American Journal of Preventive Medicine*, 39(6): 489-490.

Hoerger TJ, **Segel JE**, Zhang P, Sorensen SW. (2009). Validation of the CDC-RTI Diabetes Cost-Effectiveness Model. RTI Press. No. MR-0013-0909. Research Triangle Park, NC, RTI International.

Segel JE. (2006). Cost of illness studies: a primer. Center of Excellence in Health Promotion Economics website. http://www.rti.org/pubs/COI_Primer.pdf.

Selected Presentations

Oral Presentations

Segel JE. (2022). Medicare coverage and where patients go for cancer care. University of Kentucky College of Public Health.

Segel JE. (2021). Health care after COVID-19: the more things change the more they stay the same. Healthcare Financial Management Association, New Jersey Chapter.

Segel JE. (2021). Career discussion panel. University of Michigan School of Public Health.

Segel JE. (2020). Beyond opioids: understanding the changing substance misuse landscape. Penn State Department of Public Health Sciences.

Segel JE. (2020 – postponed due to COVID-19). Economics of prescription drugs: pricing, access, and policy. Penn State College of Medicine American Medical Association student group.

Segel JE. (2020 – postponed due to COVID-19). Changes in coverage and financial burden among cancer patients following the ACA. Penn State Center for Healthy Aging.

Segel JE. (2019). Population health and GYN malignancies. Invited talk as part of plenary session at Penn State Cancer Institute Annual Retreat.

Segel JE. (2018). Diffusion of breast cancer screening technology: patterns of digital breast tomosynthesis screening. Invited presentation at Penn State Prevention Research Center Seminar Series.

Segel JE. (2017). Changing dynamics of health insurance and utilization for individuals diagnosed with cancer. Invited presentation at University of Virginia Department of Public Health Sciences Seminar Series.

Segel JE, Winkelman TNA, Kullgren JT. (2017). A double whammy: premium costs and cost-sharing are higher for employees in high-deductible health plans. Presented at AcademyHealth's Health Economics Interest group meeting.

Segel JE, Lengerich E. (2016). Association of individual, clinical, and hospital characteristics on cancer patient hospital choice and travel time. Presented at NIH Conference on Geospatial Approaches to Cancer Control and Population Sciences.

Segel JE, Lengerich E. (2016). Estimating hospitals' cancer care market share and its variation by patient and clinical factors. Presented at NIH Conference on Geospatial Approaches to Cancer Control and Population Sciences.

Baik S[^], Miranda PY, **Segel JE,** Knapp CA. (2016). Barriers to healthcare among the insured non-elderly people in the U.S. Presented at American Public Health Association annual meeting.

Segel JE. (2014). Positively frightened: spillover effects of mammography false-positives on medication adherence. Presented at American Society of Health Economists (ASHE), Los Angeles, CA.

Poster Presentations

Segel JE, Hollenbeak CS, Gusani NJ. (2020). Rural-urban disparities in pancreatic cancer stage of diagnosis: understanding the interaction with Medically Underserved Areas. Poster presented at American Society of Preventive Oncology meeting.

Segel JE, Ortiz SE, Winkelman TNA. (2019). Changes in expenditures, utilization, and access among uninsured individuals gaining Medicaid vs. private insurance. Poster presented at AcademyHealth Annual Research meeting.

Segel JE, Schaefer EW, Raman JD, Hollenbeak CS. (2019) The association between hospitals' risk-adjusted emergency department visits and survival and costs in kidney cancer patients. Poster presented at Society of Emergency Medicine Annual Meeting. [Awarded Blue Ribbon]

Segel JE, Schaefer EW, Raman JD, Hollenbeak CS. (2019) The association between hospitals' risk-adjusted emergency department visits and survival and costs in kidney cancer patients. Poster presented at ASCO Genitourinary Symposium.

Segel JE. (2018). Changing dynamics of health insurance and utilization for individuals diagnosed with cancer: effect of the Affordable Care Act. Poster presented at AcademyHealth Annual Research meeting.

Winkelman TNA, **Segel JE**, Davis MM. (2018). Reducing disparities through Medicaid enrollment among previously uninsured Americans – United States, 2008-2014. Poster presented at AcademyHealth Annual Research meeting.

Segel JE, Kullgren JT. (2016). Effects of high-deductible health plan enrollment on out-of-pocket spending and high medical cost burdens among Americans with chronic conditions. Poster presented at American Public Health Association annual meeting.

Segel JE, Kullgren JT. (2016). Effects of high-deductible health plan enrollment on out-of-pocket spending and high medical cost burdens among Americans with chronic conditions. Poster presented at AcademyHealth Annual Research meeting.

Segel JE, Jung JK, Cheong C. (2016) Effect of the Affordable Care Act preventive services provision on utilization and out-of-pocket costs. Poster presented at AcademyHealth Annual Research Meeting.

Segel JE, Jung JK, Cheong C. (2016) Effect of the Affordable Care Act preventive services provision on utilization and out-of-pocket costs. Poster presented at American Society of Health Economists (ASHE).

Segel JE. (2015) Heterogeneous spillover effects of false-positive mammography on medication adherence. Poster presented at AcademyHealth Annual Research Meeting.

Segel JE. (2015) The effect of false-positive mammograms on depression and anxiety mediation initiation. Poster presented at AcademyHealth Annual Research Meeting.

Segel JE. (2013). Heterogeneous spillover effects of mammography false-positive on medication adherence. Student poster presented at AcademyHealth Annual Meeting, Baltimore, MD.

Segel JE, Honeycutt AA, Imai K, Schoolwerth A, Rios-Burrows R, Pavkov M, Williams D. (2008). Laboratory-based diagnosis of chronic kidney disease and claims-based reporting of renal disease: how well do they correspond. Poster presented at the 2008 American Society of Nephrology Renal Week meeting.

Honeycutt AA, **Segel JE**, Imai K, Rios-Burrows R, Pavkov M, Schoolwerth A, Williams D. (2008). Medical costs attributable to chronic kidney disease among Medicare beneficiaries. Poster presented at the 2008 American Society of Nephrology Renal Week meeting.

^ Denotes student presenting author.

Technical Reports

Segel J, Thiede E, Kitko L. (2020). Palliative care and hospice availability in rural Pennsylvania (Cooperative Agreement 2019-6). Prepared for the Center for Rural Pennsylvania.

Segel JE, Tran L, Ramian H. (2019). Pennsylvania Rural Health Model year 1 report: Data aggregation and analytic support final report. Prepared for the Pennsylvania Department of Health.

Segel JE, Hoerger TJ, Finkelstein EA. (2009). Health benefits, risks, and costs of gastric bypass and gastric banding surgery: literature review. Prepared for Centers for Disease Control and Prevention.

Honeycutt AA, **Segel JE**. (2009). Assessing the economic burden of chronic kidney disease in the United States. Prepared for Centers for Disease Control and Prevention.

Finkelstein EA, Honeycutt AA, **Segel JE**. (2008). The fraction of medical payments attributable to obesity in San Francisco. Prepared for City and County of San Francisco.

Segel JE, Honeycutt AA, and Bapat BS. (2007). Literature review of the economic burden of chronic kidney disease in the United States. Prepared for Centers for Disease Control and Prevention.

Hoerger TJ, Wittenborn JS, and **Segel JE**. (2007) Evaluation of interventions for chronic kidney disease and its complications. Prepared for Centers for Disease Control and Prevention.

Rein DB and **Segel JE**. (2007). Should patient characteristics be included in a severity of need index for Ryan White care act services? An evaluation based on the Medical Expenditure Panel Survey. Prepared for the Health Resources Services Administration, HIV/AIDS Bureau.

Teaching Experience

Pennsylvania State University

Instruction

Faculty Instructor: Health Policy and Administration 528: Health Data Analysis for Research (2016-)

Faculty Instructor: Health Policy and Administration/Economics 445: Health Economics (2015-)

Advising

Dissertation

In progress

Savanna Ledford (expected 2024; DrPH outside committee member)

Neal Hao (expected 2023; PhD committee member)

Hannah Ahn (expected 2023; PhD committee member)

Di Yang (expected 2023; PhD committee member)

Katie Kim (expected 2023; DrPH outside committee member)
Elizabeth Thiede (expected 2023; outside PhD committee member)

Completed

Linh Tran (2022; PhD dissertation chair)
Alejandro Amill-Rosario (2021; PhD dissertation chair)
Haleh Ramian (2021; PhD dissertation chair)
Bobbie Johannes (2020; PhD committee member)
Sohye Baik (2018; PhD dissertation co-chair)
James Pitcavage (2018; PhD committee member)
Veronica Fuentes (2016; PhD committee member)

Master's thesis

Andrew Shooshtari (2019; committee member)

Undergraduate Honors Thesis

Bridget Foresman (2021; advisor)
Ashley Morris (2019; advisor)
William Manbeck (2018; advisor)

University of Michigan, Ann Arbor

Primary Instructor: Health Management and Policy 662: Economics of Health Management and Policy - Executive Masters level	(Winter 2015)
Primary Instructor: Health Management and Policy 660: Economics of Health Management and Policy I- Masters level	(Fall 2014)
Graduate Student Instructor: Health Management and Policy 663: Economics of Health Management and Policy II- Masters level	(Winter 2014)
Graduate Student Instructor: Health Management and Policy 660: Economics of Health Management and Policy I- Masters level	(Fall 2013)

Professional Service

Ad-hoc Member, National Institutes of Health, Health Services: Quality and Effectiveness Special Emphasis panel	2022
Executive Board Member, Penn State Consortium for Substance Use and Addiction	2021-
Ad-hoc Member, National Institutes of Health, Health Services: Quality and Effectiveness	2021

AcademyHealth Annual Meeting Organizing Committee	2021
Member of AcademyHealth Health Economics Interest Group	2017-2021
Secondary data lead for Penn State Cancer Institute's Office for Cancer Health Equity	2016 -
Co-Chair Health Policy Group for the Penn State Cancer Institute's Population Health and Cancer Control Program	2017-2018
Member of Penn State Health Care Benefits Advisory Committee	2016 -

Journal Referee

American Journal of Accountable Care
American Journal of Managed Care
American Journal of Preventive Medicine
BMC Cancer
BMC Health Services Research
BMJ Open
Cancer
Cancer Medicine
Cancer Treatment and Research Communications
Current Medical Research & Opinion
Drug and Alcohol Dependence
European Journal of Health Economics
Health Affairs
Healthcare
Health Services Research
Human Vaccines and Immunotherapeutics
International Journal of Environmental Health Research
International Journal for Quality in Health Care
JAMA Network Open
JMIR Public Health and Surveillance
Journal of Adolescent and Young Adult Oncology
Journal of the American Society of Nephrology
Journal of General Internal Medicine (JGIM)
Journal of Health Care for the Poor and Underserved
Journal of Hospital Medicine
Journal of Medical Internet Research (JMIR)
Journal of the National Comprehensive Cancer Network
Journal of Oncology Practice (now JCO Oncology Practice)
Journal of Rural Health
Journal of Substance Abuse Treatment
Journal of Women's Health
Medical Care
Obesity Reviews
PLoS One
Public Health Reports

*Telematics and Informatics
Value in Health*

Textbook Reviewer

Cambridge University Press

Conference Abstract Reviewer

ASHEcon, APHA, AcademyHealth

Media Coverage

Print/Online

Reuters, Vox, Yahoo News, Yahoo Finance, US News and World Report, Reader's Digest, Daily Mail UK, Fox Business, EurekAlert, Futurity, MedicalResearch.com

Radio/Podcast

Infotrak, Journal of Oncology Practice podcast

Television/Video

LinkedIn News, WTAJ