

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 -
Co-Lead, Penn State Cancer Control Program Penn State Cancer Institute	2023 -
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 -
Penn State Social Science Research Institute, Faculty Affiliate	2023 -

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
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

Department of Defense 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	2023-2025
Patient-Centered Outcomes Research Institute (PCORI) Title: Activating SilverSneakers Benefits in Seniors with Osteoarthritis: Proactive vs. Usual Care Role: Co-Investigator (PI: Liza Rovniak) Total Amount: \$5,792,830	2023-2028
National Science Foundation Title: D-ISON: Developing Early Warning Systems for Emerging Epidemics of Illicit Substances: A Data-Driven Modeling Approach Role: Co-Investigator (PI: Qiushi Chen) Total Amount: \$670,000	2023-2027
Pennsylvania Opioid Misuse and Addiction Abatement Trust Title: Settlement Funding Monitoring and Reporting Role: Co-Investigator (PI: Dennis Scanlon) Total Amount: \$540,000	2023-2026
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	2020-2023

Title: Permanent Change of Station and Variation in Cancer Prevention and Care in the Military Health System
Role: Principal Investigator
Total Amount: \$717,562

National Cancer Institute (R01) 2022-2026
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

Center for Medicare and Medicaid Innovation (Subcontractor to NORC) 2019-2026
Title: Evaluation of the Pennsylvania Rural Health Model
Role: Co-Investigator (PI: Dennis Scanlon)
Total Amount: \$1,151,323

National Cancer Institute (R37) 2020-2025
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
Total Amount: \$1,864,061

Pending Research Funding

National Institutes of Health 2024-2029
Title: Building Research Capacity and Support for Community-led, Health Equity Structural Interventions: The Penn State ComPASS Health Equity Research Hub
Role: Co-Investigator (PI: Lori Francis)
Total Amount: \$6,750,000

William T. Grant Foundation 2024-2026
Title: Reducing Racial Inequality in Maternal Outcomes through a Non-Punitive Approach toward Substance Use During Pregnancy
Role: Co-Investigator (PI: Sung Choi)
Total Amount: \$400,809

Past Research Funding

Commonwealth of Pennsylvania: Insurance Department 2021-2022

<p>Title: Health Insurance Technical Assistance: Insurance and Equity Market Scan Role: Co-Principal Investigator Total Amount: \$160,775</p>	
<p>Penn State University Huck Institute Title: Reductions in necessary care as a result of the COVID-19 pandemic Role: Co-Principal Investigator Total Amount: \$42,259</p>	<p>2020-2020</p>
<p>Penn State Cancer Institute Title: Psychosocial challenges and educational/occupational aspirations of adolescent/young adult cancer survivors Role: Co-mentor (PI: Pooja Rao) Total Amount: \$30,000</p>	<p>2020-2021</p>
<p>Penn State Clinical and Translational Science Institute Title: Scaling evidence-based interventions within a health system to achieve population health benefits Role: Co-Investigator (PI: Dennis Scanlon) Total Amount: \$49,894</p>	<p>2020-2021</p>
<p>Commonwealth of Pennsylvania – Department of Health Title: Continuous Quality Improvement of the Pennsylvania Coordinated Medication Assisted Treatment Program Role: Co-Principal Investigator Total Amount: \$499,679</p>	<p>2019-2020</p>
<p>Commonwealth of Pennsylvania – Department of Health Title: Pennsylvania Rural Health Model Role: Co-Investigator (PI: Lisa Davis, Dennis Scanlon) Total Amount: \$4,426,440</p>	<p>2019</p>
<p>Commonwealth of Pennsylvania – Center for Rural Pennsylvania Title: Availability of Hospice and Palliative Care in Rural Pennsylvania Role: Co-Investigator (PI: Lisa Kitko) Total Amount: \$15,000</p>	<p>2019</p>
<p>Penn State Cancer Institute – American Cancer Society Institutional Research Grant 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</p>	<p>2018-2019</p>
<p>Penn State University Strategic Initiatives Grant</p>	<p>2018-2019</p>

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

51. Jones AA, Waghmare S[^], Harrisons E[^], Apsley H[^], **Segel JE**, Santos A. (2024). Regional differences in fatal drug overdose deaths among Black and White individuals in the United States 2012-2021. *American Journal of Addictions*. Online ahead of print.
50. Shearer, RD, **Segel JE**, Howell BA, Jones AA, Khatri UG, Teixeira da Silva D, Vest N, Winkelman TNA. (2024). Racial and ethnic differences in heroin, methamphetamine, and cocaine use, treatment and mortality trends in three national data sources - United States, 2010-2019. *Medical Care*, 62(3): 151-160.
49. Chavehpour Y, Balkrishnan R, **Segel JE**. (2024). Prescription drug spending by payer: implications for managed care. *Exploratory Research in Clinical and Social Pharmacy*. March; 13: 100406.
48. **Segel JE**, Shearer RD, Jones AA, Khatri UG, Howell BA, Crowley DM, Sterner G, Vest N, Teixeira da Silva D, Winkelman TNA. (2024). Understanding regional patterns of overdose deaths related to opioids and psychostimulants. *Substance Use and Misuse*, 59(4): 558-566.
47. **Segel JE**, Wong WG, Kaag M, Joshi M, Warrick J, Lengerich EJ, Shen C. (2024). Relationship between availability of urologists and primary providers and stage of diagnosis for urinary bladder cancer. *Urology Practice*, 11(2): 339-346.
46. Brant K, **Segel JE**, McShane MP, Rhubart D, Kowalkowski J, Palacios HV, Jackson J. (2023). Implementing a teaching rural mobile health clinic: challenges and adaptations. *Journal of Health Care for the Poor and Underserved*, 35(1): 385-390.

45. **Segel JE**. (2023). What's driving spending differences in medical groups and what might that mean for health policy. *Health Services Research*, 58(6): 1161-1163
44. Calo WA, Shah PD, Fogel BN, Ruffin M, Moss JL, Hausman BL, **Segel JE**, Francis E, Schaefer E, Bufalini CM, Johnston N, Hogentogler E, Kraschnewski JL. (2023). Increasing the adoption of evidence-based communication practices for HPV vaccination in primary care clinics: The HPV ECHO study protocol for a cluster randomized controlled trial. *Contemporary Clinical Trials*, epub.
43. Jones AA, Shearer RD, **Segel JE**, Santos-Lozada A, Strong-Jones S, Vest N, Teixeira da Silva D, Khatri UG, Winkelman T. (2023). Opioid and stimulant attributed treatment admissions and fatal overdoses: using national surveillance data to examine the intersection of race, sex, and polysubstance use, 1992-2020. *Drug and Alcohol Dependence*, epub.
42. Akande AO, Riehman-Murphy CE, Oji-Mmuo CN, Sterner G, **Segel JE**, Jones A, Adam M. (2023). A scoping review of the opioid epidemic among US immigrants: implications for policy and treatment practices. *Journal of Ethnicity in Substance Abuse*, 8:1-19.
41. 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. *Journal of Substance Abuse Treatment*, 143: e108894.
40. Hao Q[^], **Segel JE**, Gusani NJ, Hollenbeak CS. (2022). Do Not Resuscitate orders and outcomes for patients with pancreatic cancer. *Journal of Pancreatic Cancer*, 8(1): 15-24.
39. Hsuan C, **Segel JE**, Hsia RY, Wang Y[^], Rogowski JA. (2022). Association of emergency department crowding with inpatient discharges. *Health Services Research*, 58(4): 828-843.
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*, 7(5): e100938.
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*, 101: e10355.
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[^], Aciri 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, Trogdon 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

Jones AA, **Segel JE**, Skogseth E[^], Apsley H[^], Santos A. (2023). Drug overdose deaths among women 1999-2021: differences by race/ethnicity and age. *Under review*.

Jones AA, Shearer R, Strong-Jones S[^], Winkelman T, **Segel JE**. (2023). Psychedelic use among adults and adolescents in the United States 2005-2021: differences by race/ethnicity and serious psychological distress. *Under review*.

Rao P, **Segel JE**, Bingen K, Koehly LM, Verdery AM, Byrnes CL, Wasserman E, Costigan HJ, Dandekar S, Raskzawski K, Songdej N, Blackall GF, Vasekar M, Naik S, Lengerich EJ, Van Scoy LJ. (2023). The impact of a personal cancer diagnosis on the social networks of adolescent and young adult cancer survivors: a qualitative analysis. *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, Chen Q, Sterner G, Scanlon D. (2023). Elevate Pennsylvania Initiative: integrating evaluation and engagement to maximize public health and safety outcomes from the opioid settlement. West Virginia University, Appalachian node of the NIDA CTN.

Chen Q, Holmes L, **Segel JE**, Sterner G, Scanlon D. (co-presenters) (2023). Understanding the opioid overdose crisis through empirical data. National Institute on Drug Abuse.

Segel JE, Crowley DM. (2023). Idaho Behavioral Health Transformation Waiver evaluation mid-point assessment. Idaho Department of Health and Welfare.

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.

Crowley DM, **Segel JE**, Sterner G, Donovan M. (2020). Technical assistance: continuous quality improvement of the PA Coordinated Medication-Assisted Treatment (PacMAT) Program. Pennsylvania Opioid Command Center.

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, Luan P, Berge A, Miller D. (2023). Permanent change of station and geographic variation in the Military Health System. Poster presented at Military Health System Research Symposium.

Segel JE, Luan P, Berge A, Miller D. (2023). Geographic variation in cancer screening and catchment area associated factors within the Military Health System. Poster presented at Military Health System Research Symposium.

Segel JE, Luan P, Berge A, Schaefer E. (2023). Geographic variation in cancer screening within the Military Health System. Poster presented at AcademyHealth Annual Research meeting.

Segel JE, Wong W, Kaag M, Joshi M, Warrick J, Lengerich E, Shen C. (2023). Relationship between urology and primary care density and stage of diagnosis for urinary bladder cancer. Poster presented at AcademyHealth Annual Research meeting.

Segel JE. (2020). Oxycontin reformulation associated with increase in emergency department visits related to non-opioid substances among Pennsylvania Medicaid enrollees. Poster presented at AcademyHealth Annual Research meeting.

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, 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 medication 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

Scanlon D, **Segel J**, Moran J, Shumaker K, Haeder S. (2023). Health insurance plan availability and enrollment on the Pennie® marketplace and off-exchange: assessing differences along dimensions of social vulnerability. Prepared for Pennsylvania Insurance Department.

Crowley DM, **Segel JE**, Sterner G, Stauffer A, Donovan M, Shaw B, Xing X, Zeveney A, Farley D. (2020). Formative evaluation of the Pennsylvania Coordinated Medication-Assisted Treatment Program (PacMAT). Prepared for Pennsylvania Department of Health.

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

Paul Eze (expected 2025; dissertation chair)

Joshua Fansler (expected 2025; dissertation chair)

Yousef Chavehpour (expected 2026; dissertation chair)

Shashim Waghmare (expected 2026; dissertation chair)

Completed

Hannah Ahn (2024; PhD committee member)

Neal Hao (2023; PhD committee member)

Di Yang (2023; PhD committee member)

Elizabeth Thiede (2023; outside PhD committee member)

Katie Kim (2023; DrPH outside committee member)

Savanna Ledford (2023; DrPH outside committee member)

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, American Heart Association, Career Development Award Population Sciences panel	2023
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	2016-2022
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	2016-2022

Journal Editorial Board

<i>American Journal of Accountable Care</i> (Editorial Board Member)	2023 -
<i>BMC Health Services Research</i> (Editorial Board Member)	2022 -
<i>Cancer Treatment and Research Communications</i> (International Advisory Review Board Member)	2022 -

Journal Referee

American Journal of Accountable Care
American Journal of Addictions
American Journal of Managed Care

American Journal of Preventive Medicine
BMC Cancer
BMC Health Services Research
BMJ
BMJ Open
Cancer
Cancer Epidemiology, Biomarkers & Prevention
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 Geriatrics Society
Journal of the American Society of Nephrology
Journal of Cancer Policy
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
Lancet Gastroenterology and Hematology
Medical Care
Military Medicine
Obesity Reviews
PLoS One
Public Health Reports
Social Science and Medicine
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

WPSU, Infotrak, Journal of Oncology Practice podcast

Television/Video

LinkedIn News, WTAJ