

Curriculum Vitae: Chase Stephen Eck
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Current Position

Investigator and Health Economist, Michael E. DeBakey VA Medical Center, Health Services Research & Development

Instructor, Baylor College of Medicine, Department of Medicine, Section of Health Services Research

Education

Ph.D in Economics, May 2021, University of Arizona, Eller College of Management, Department of Economics. *Fields: Health and Labor Economics and Industrial Organization*

M.S. in Economics, December 2017, University of Arizona, Eller College of Management, Department of Economics

Managerial Analytics Certificate, June 2014, Northwestern University, Kellogg School of Management

B.A. in Economics, Mathematics, and Mathematical Methods in the Social Sciences (MMSS), June 2014, Northwestern University, Weinberg School of Arts and Sciences

Peer-Reviewed Publications

Eck CS, Knox MK, Mehta PD, Petersen LA. Estimating the Relationship Between Nurse Staffing and Medication Pass Workload Using National Barcode Data. *Nursing Research*, April 2024, Accepted.

O'Mahen P, **Eck CS**, Jiang C, Petersen LA. Contextual factors influencing the association between Affordable Care Act's Medicaid Expansion and Veteran VA-Medicaid dual enrollment. *Health Services Research*, Dec 2023, Accepted.

Eck CS, Jiang C, Petersen LA. Veterans Health Administration enrollees' choice of care setting relates to the expansion of care options: Evidence from screening colonoscopies before and after the MISSION Act. *Health Services Research*, Sep 2023. PMID 37750415

Eck CS, Ho V, Jiang C, Petersen LA. Determinants of referral network size for screening colonoscopies in the Veterans Health Administration after the implementation of the MISSION Act. *Health Services Research*, Sep 2023. PMID 37750017

Erickson KF, **Eck CS**. Considering the Effects of a Recent US Supreme Court's Ruling on Dialysis Care Costs. *Clinical Therapeutics*, 45(3):272-276, Feb 2023. PMID 36842865, PMC10133009

Schaller J and **Eck CS**. Family Support in Hard Times: Dynamics of Intergenerational Exchange after Adverse Events. *Review of Economics and Statistics*, Feb 2023, In Press.

Kern MC., Brett JM, Weingart LR, and **Eck CS**. The “fixed” pie perception and strategy in dyadic versus multiparty negotiations. *Organizational Behavior and Human Decision Processes*, 157:143-158, Mar 2020.

Eck CS. Misclassification error when identifying job stayers in the Current Population Survey. *Economics Bulletin*, 38(2):1077-1082, May 2018.

Manuscripts Under Review and In Progress

O'Mahen P, **Eck CS**, Rajan S, Jiang C, Petersen LA. Comparing multi-system data to increase comprehensiveness of disease severity burden estimates for VA-Medicaid dual-enrollees.

Eck CS, Call the (Certified Nurse) Midwife: The Effect of Scope of Practice Laws on Costs, Outcomes, and Sorting.

Eck CS, The Effect of Electronic Benefit Transfer on the Marginal Propensity to Consume Food out of SNAP.

Funded Projects

Modeling the Association Between Specialty Care Staffing and Veteran Access to Care and Utilization of Community Care Services

Funded by: VA Office of Nursing Services and Specialty Care Program Office

Project lead: Chase S. Eck

Role: Project lead

12/4/2023 – 06/01/2024

Applying Novel Electronic Health Record-Derived Staffing Measures (NESt) across VHA to support Evaluation of the Nurse Staffing Methodology Directive

Funded by: VA Office of Nursing Services

Project lead: Laura A. Petersen

Role: Co-I

10/1/2022-09/30/2024

Variation in VA Community Care Utilization Across Different Clinical Services

Funded by: MEDVAMC Seed Award

PI: Chase S. Eck

Role: PI

10/1/2022 - 9/30/2023

\$50000 / \$50000

Doctoral Dissertation Research in Economics: The Effect of Certified Nurse Midwife Scope-of-Practice Laws on Health Costs, Prices, and Outcomes

Funded by: National Science Foundation (#2018061)

PI: Gautam Gowrisankaran

Role: Co-PI
8/15/2020 - 7/31/2021
\$24355 / \$24355

The Effect of Certified Nurse Midwife Scope-of-Practice Laws on Health Costs, Prices, and Outcomes

Funded by: Center for Management Innovations in Healthcare

PI: Chase Eck

Role: PI

1/10/2020 - 1/10/2021

\$5000 / \$5000

Recent Peer-Reviewed Conference Presentations

Chase S. Eck, Melissa Knox, Paras Mehta, Christine Yang, Laura A. Petersen How Does Nurse Staffing Affect Time Spent in Medication Delivery at the Bedside. Academy Health Annual Research Meeting, Seattle, Washington, Jun 2023

Patrick O'Mahen, **Chase S. Eck**, Suja Rajan, Christine Yang, Laura A. Petersen Evaluating the Necessity of Using Multiple Data Sources to Estimate Comorbidity Indices for VA-Medicaid Dual-Enrollees. Academy Health Annual Research Meeting, Seattle, Washington, Jun 2023

Melissa Knox, **Chase S. Eck**, Lynette Dorsey, Paras Mehta, Christine Yang, Laura A. Petersen More Patients, More Medications, More Time: Using Medication Pass Analysis to Examine Longitudinal Changes in Inpatient Nurse Staffing and Workload from 2019-2022. Academy Health Annual Research Meeting, Seattle, Washington, Jun 2023

Chase S. Eck, Vivian Ho, Cheng Jiang, Laura A. Petersen The Relationship Between VHA-Purchased Procedure Volume and the Size and Concentration of the VHA's Community Physician Network for Screening Colonoscopies. Academy Health Annual Research Meeting, Seattle, Washington, Jun 2023

Laura A. Petersen, Melissa Knox, **Chase S. Eck**, Christine Yang, Lynette Dorsey, Paras Mehta Relationship of Inpatient Unit-Level Nurse Staffing Levels and Patient Severity of illness on Risk of Transfer to the Intensive Care Unit: A National Study. Academy Health Annual Research Meeting, Seattle, Washington, Jun 2023

Chase S. Eck, Vivian Ho, Cheng Jiang, Laura A. Petersen Physician Turnover in the VHAs Community Care Network: The Case of Screening Colonoscopy. Academy Health Annual Research Meeting, Seattle, Washington, Jun 2023

Chase S. Eck, Melissa Knox, Paras Mehta, Laura Petersen Estimating the Non-Linear Relationship Between Nurse Staffing and Workload Using National Barcode Administration Data. VA HSR&D National Meeting, Baltimore, MD, Feb 2023

Melissa Knox, **Chase S. Eck**, Lynette Dorsey, Paras Mehta, Christine Yang, Laura Petersen Changes in Nurse Staffing and Workload with the COVID-19 Pandemic as Seen with Medication Pass Analysis of BCMA Data. VA HSR&D National Meeting, Baltimore, MD, Feb 2023

Patrick O'Mahen, **Chase S. Eck**, Suja Rajan, Laura Petersen Comparison of Multi-System Data to Estimate Disease Burden for VA-Medicaid Dual Enrollees. VA HSR&D National Meeting, Baltimore, MD, Feb 2023

Laura Petersen, Melissa Knox, **Chase S. Eck**, Christine Yang, Paras Mehta Nurse Staffing Levels and Escalation to Intensive Care or Mortality: A National Study. VA HSR&D National Meeting, Baltimore, MD, Feb 2023

Chase S. Eck, Melissa Knox, Lynette Dorsey, Paras Mehta, Janine Wong, Christine Yang, Laura Petersen Non-Linearities in the Relationship between Inpatient Nurse Staffing and Workload: Evidence from National Bar Code Medication Administration Data. Academy Health Annual Research Meeting, Washington D.C., Jun 2022

Patrick O'Mahen, **Chase S. Eck**, Laura Petersen Association of Affordable Care Act Medicaid Expansion with VA Dual Enrollment. Academy Health Annual Research Meeting, Washington D.C., Jun 2022

Chase S. Eck, Laura Petersen Possible Mechanisms behind Changes in Referral Wait Times for Veterans Following the Passage of the Choice Act: Efficiency Vs. Allocation. Academy Health Annual Research Meeting, Washington D.C., Jun 2022

Melissa Knox, **Chase S. Eck**, Lynette Dorsey, Paras Mehta, Janine Wong, Christine Yang, Laura Petersen Medication Pass Analysis Using BCMA Data Shows Changes in Nurse Staffing and Workload with the COVID-19 Pandemic. Academy Health Annual Research Meeting, Washington D.C., Jun 2022

Chase S. Eck Call the (Certified Nurse) Midwife: The Effect of Scope-of-Practice Laws on Costs, Outcomes, and Sorting. Conference of the American Society of Health Economists, Virtual, Jun 2021

Teaching Experience

Sole Instructor of Record

Econ 481: Economics of Wage Determination, Fall 2019

Econ 300: Microeconomic Analysis for Business Decisions (Online), Winter 2018, Summer 2019, Summer 2020

Econ 300: Microeconomic Analysis for Business Decisions (In-Person), Summer 2018

Econ 200: Basic Economic Issues (Online), Winter 2017, Spring 2018

Teaching Assistant

BNAD 596A: Statistical Machine Learning with Applications, Spring 2021

Econ 550: EMBA Business Strategy, Fall 2020

Econ 200: Basic Economic Issues (Online), Fall 2020, Spring 2020

Econ 325: Historical Development of Financial and Economic InstitutionsSpring 2019

Econ 460: Industrial Organization, Fall 2018, Spring 2019

Econ 323: Economics of Sports, Fall 2018

Econ 300: Microeconomic Analysis for Business Decisions, Fall 2017

Econ 200: Basic Economic Issues, Spring 2017

Econ 150: An Economics Perspective, Fall 2016, Fall 2017

Guest Lecturer

Health Services Research Foundations BCM Post-Doctoral Fellowship Seminar, Spring
2022, 2023

Mentoring and Advising

Emily Wang, Medical Student, 2022-Present

Spoorthi Kamepalli, Medical Student, 2021-Present