

# Curriculum Vitae: Chase Stephen Eck

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## I. General Biographical Information

### A. Personal

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|-----------------|--------------------------|
| 1. Full Name    | Chase Stephen Eck        |
| 2. Citizenship: | United States of America |

### B. Education

#### 1. Undergraduate Education

9/1/2010 - 6/14/2014	BA, Mathematical Methods in the Social Sciences; Economics; Mathematics, Northwestern University
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#### 2. Graduate Education

8/15/2016 - 12/17/2017	MA, Economics, The University of Arizona
8/15/2016 - 5/14/2021	PhD, Economics, The University of Arizona, Three Essays on Health and Labor Economics, Advisor: Ashley Langer, PhD

### C. Academic Appointments

#### 1. Current Faculty Position(s) at BCM

10/1/2021 - Present	Instructor, Medicine - Health Services Research, Baylor College of Medicine
10/1/2021 - Present	Health Economist, Center for Innovations in Quality, Effectiveness, and Safety, Michael E. DeBakey Veteran Affairs Medical Center (MEDVAMC)

### D. Other Information

#### 1. Honors or Awards

10/13/2022	2nd Place Poster at the 8th Annual MEDVAMC Poster Session, Research Service Line, Michael E. DeBakey VA Medical Center, Houston, TX
1/1/2019	Ed Zajac Prize, Economics, University of Arizona, Tucson, AZ
1/1/2018	Steve Manos Prize, Economics, University of Arizona, Tucson, AZ
5/1/2014	Highest Order of Excellence, Northwestern University, Evanston, IL

## II. Research Information

### A. Research Support

#### Completed Research Support

##### Federal

Project Title	Variation in VA Community Care Utilization Across Different Clinical Services
Grant Number	Seed Award
Funding Agency and PI	MEDVAMC, Chase S. Eck
Role	PI
Funding Period	10/1/2022 - 9/30/2023
Annual/Total Direct Cost	\$50000 / \$50000

Project Title	Doctoral Dissertation Research in Economics: The Effect of Certified Nurse Midwife Scope-of-Practice Laws on Health Costs, Prices, and Outcomes
Grant Number	2018061
Funding Agency and PI	NSF, Gautam Gowrisankaran
Role	Co-PI
Funding Period	8/15/2020 - 7/31/2021
Annual/Total Direct Cost	\$24355 / \$24355

##### Philanthropic

Project Title	The Effect of Certified Nurse Midwife Scope-of-Practice Laws on Health Costs, Prices, and Outcomes
Grant Number	
Funding Agency and PI	Center for Management Innovations in Healthcare, Chase Eck
Role	PI
Funding Period	1/10/2020 - 1/10/2021
Annual/Total Direct Cost	\$5000 / \$5000

### B. National Scientific Participation

#### 1. Editorial Contributions

Ad hoc reviewer: *Health Services Research, American Journal of Managed Care*

#### 2. Review Panels and Selection Committees

Not applicable.

#### 3. Professional Societies

4/2022 - Present	Academy Health
10/1/2019 - Present	American Society of Health Economists
10/1/2019 - Present	American Economic Association

#### 4. Elected Positions

Not applicable.

#### 5. Invited Lectures, Presentations, Research Seminars

##### a. International

Not applicable.

##### b. National

1. *Comparing Data from Multiple Health Systems to Estimate Disease Burden for VA-Medicaid Dual Enrollees*, HERC Health Economics Seminar, Virtual, Sep 2023.

##### c. Regional

Not applicable.

##### d. Local

1. *From Provider to Payer: The Expansion of Community Care for Veterans*, UT Health ISPOR Chapter, Houston, TX, Dec 2022.

### C. Publications

#### 1. Full Papers in Peer Review Journals

##### a. Published

1. **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
2. **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
3. Erickson KF, **Eck C**. 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
4. 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.

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

**b. Accepted/In Press**

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

**c. Submitted**

1. Patrick O'Mahen, **Chase S. Eck**, Cheng Jiang, Laura A. Petersen. Contextual factors influencing the association between Affordable Care Act's Medicaid Expansion and Veteran VA-Medicaid dual enrollment. *Health Services Research*, Aug 2023.
2. Patrick O'Mahen, **Chase S. Eck**, Suja S. Rajan, Cheng Jiang, Laura A. Petersen. Comparing multi-system data to increase comprehensiveness of disease severity burden estimates for VA-Medicaid dual-enrollees. *Medical Care*, Aug 2023.
3. **Chase S. Eck**, Melissa K. Knox, Paras D. Mehta, Laura A. Petersen. Toward Optimized Inpatient Nurse Staffing: Estimating the Relationship Between Nurse Staffing and Workload in National Data *Nursing Research*, Oct 2023.

**d. In Preparation**

1. **Chase S. Eck**, Anthony H. Ecker, Julianna B. Hogan, Amy Amspoker, Richard E. Nelson, Annette Walder, Jan A. Lindsay. Video Tele-Health Patients had Different Total Care Costs Than In-Person Patients One Year After First Visit: A Retrospective Matched-Control Study, Dec 2022.
2. **Chase S. Eck**, Laura A. Petersen. Possible mechanisms behind changes in referral wait times for Veterans following the passage of the CHOICE Act: efficiency vs. allocation, Dec 2022.
3. **Chase S. Eck**. Call the (Certified Nurse) Midwife: The Effect of Scope-of-Practice Laws on Costs, Outcomes, and Sorting, Oct 2022.
4. **Chase S. Eck**. The Effect of Electronic Benefit Transfer on the Marginal Propensity to Consume Food out of SNAP, Aug 2022.

**3. Abstracts Given During Last Three Years**

**a. International**

Not applicable.

**b. National**

1. **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
2. 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
3. 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
4. **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
5. 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
6. **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
7. **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
8. 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
9. 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
10. 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
11. **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
12. 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
13. **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

14. 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
15. **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

### III. Teaching Information

#### A. Educational Leadership Roles

Not applicable.

#### B. Didactic Coursework

##### 1. Courses Taught at BCM Within the Primary Department

4/20/2023	HSR Foundations: Overview of Health Economics, Baylor College of Medicine (One lecture in series)
5/26/2022	HSR Foundations: Overview of Health Economics, Baylor College of Medicine (One lecture in series)

##### 2. Courses Taught at BCM External to the Primary Department

Not applicable.

##### 3. Courses Taught at Other Institutions While at BCM

Not applicable.

##### 4. Courses Taught Prior to BCM

6/8/2020 - 7/9/2020	Econ 300: Microeconomic Analysis for Business Decisions, University of Arizona
8/19/2019 - 12/13/2019	Econ 481: Economics of Wage Determination, University of Arizona
6/3/2019 - 7/3/2019	Econ 300: Microeconomic Analysis for Business Decisions, University of Arizona
12/17/2018 - 1/8/2019	Econ 300: Microeconomic Analysis for Business Decisions, University of Arizona
6/4/2018 - 7/5/2018	Econ 300: Microeconomic Analysis for Business Decisions, University of Arizona
1/10/2018 - 5/2/2018	Econ 200: Basic Economic Issues , University of Arizona

## **D. Mentorship**

### **1. Resident Training**

Not applicable.

### **2. Clinical Fellow Training**

Not applicable.

### **3. Research Fellow Training**

Not applicable.

### **4. Graduate Student Training**

Not applicable.

### **5. Medical Student Mentoring**

6/28/2022 - Present

Mentor, Emily Wang

4/1/2021 - Present

Mentor, Spoorthi Kamepalli

### **6. Undergraduate Student Mentoring**

Not applicable.

## **E. Faculty Development or Continuing Medical Education**

8/29/2022

Presenter, Veterans Affairs-Funded Community Care: The Size and Characteristics of Healthcare Provider Networks and Their Relationship to How Veterans Use Healthcare Services (A CDA Proposal)

## **F. Lectures and Presentations**

### **1. International**

Not applicable.

## **2. National**

1. *Call the (Certified Nurse) Midwife: The Effect of Scope-of-Practice Laws on Costs, Outcomes, and Sorting*, 2021 Annual Occupational Regulation Conference , Virtual, Jun 2021.

## **3. Regional**

Not applicable.

## **4. Local**

1. *POSTER: Veterans Affairs-Funded Community Care: The Size and Characteristics of Healthcare Provider Networks and Their Relationship to How Veterans Use Healthcare Services (A CDA Proposal)*, Center for Innovations in Quality, Effectiveness and Safety (IQeSt), Houston, TX, Aug 2022.
2. *POSTER: Reallocation to Community Care and referral wait times for Veterans after the CHOICE Act*, IQeSt, Houston, TX, Jul 2022.
3. *POSTER: Drivers of national changes in referral wait times following the passage of the Choice Act*, IQeSt, Houston, TX, May 2022.

## **5. Other**

Not applicable.