

# SIH-TING CAI

## CURRICULUM VITAE

Indiana University  
O'Neill School of Public and Environmental Affairs  
1315 East 10<sup>th</sup> Street  
Bloomington, IN 47405

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Updated: Sep 2025

### Research Fields

Health Economics & Health Policy

### Academic Employment

**Indiana University O'Neill School of Public and Environmental Affairs** 2023-Present  
Post-Doctoral Research Fellow

**Regenstrief Institute Center for Health Services Research** 2024-Present  
Affiliate Researcher

### Education

**University of Pittsburgh School of Public Health** 2018-2023  
Ph.D. in Health Services Research and Policy  
Dissertation Title: "Essays on End-Stage Renal Disease Treatment, Policies, and Markets"  
Advisers: Julie Donohue, Coleman Drake, Manisha Jhamb, Eric Roberts

**NYU Robert F. Wagner Graduate School of Public Service** 2017  
M.P.A. in Health Policy and Management

**Chang Gung University** 2005  
B.S. in Nursing

### Academic & Professional Experience

**University of Pittsburgh School of Public Health**  
Graduate Research Assistant; Advisor: Coleman Drake 2019 - Present  
Graduate Research Assistant; Advisor: Howard Degenholtz 2018 - 2019

**NYU Robert F. Wagner Graduate School of Public Service**  
Research Assistant; Advisor: Sherry Glied 2016 - 2018  
Research Assistant; Advisor: Hewett Chiu/ John Billings 2015 - 2016

### Peer-Reviewed Publications

Coleman Drake, David Anderson, **Sih-Ting Cai** & Daniel Sacks. Financial Transaction Costs Reduce Benefit Take-Up: Evidence from Zero-Premium Health Insurance Plans in Colorado. *Journal of Health Economics*. May, 2023.

**Sih-Ting Cai**, David Anderson, Coleman Drake & Jean Abraham. Association between Provider-Sponsored Health Insurance Marketplace Plan Quality. *Journal of General Internal Medicine*. Feb, 2022.

David Anderson, **Sih-Ting Cai**, Coleman Drake & Jean Abraham. Association between Effectiveness of Care Quality Ratings and Insurer Characteristics in the Health Insurance Marketplaces. *Journal of General Internal Medicine*. Sep, 2020.

Jean Abraham, **Sih-Ting Cai**, David Anderson, & Coleman Drake. Behavioral Healthcare Quality among Marketplace Insurers in 2019. *Psychiatric Services*. Dec, 2020.

**Sih-Ting Cai**, Howard Degenholtz, & Hayley Germack. Social Determinants of Health Drive Emergency Room and Hospital Use by Dual Eligible and Disabled Pennsylvanians. *Innovation in Aging*. Nov, 2019.

## **Under Review**

**Sih-Ting Cai**, Hailemichael Shone, Kosali Simon & Daniel Polsky. From Locked Out to Opting In: How the Cures Act Reshaped Medicare Advantage Utilization for Beneficiaries with End-Stage Kidney Disease.

Hailemichael Shone, **Sih-Ting Cai**, Kosali Simon, Jennifer L Carnahan, & Malaz Boustani. Telehealth Among Medicare Advantage Beneficiaries With and Without ADRD, 2018–2024: From Pandemic-Era Surge to Post-Pandemic Decline.

**Sih-Ting Cai**, Yaa Akosa Antwi, & Kosali Simon. Medicaid Expansion Improved Access to Pre-dialysis Nephrology Care.

**Sih-Ting Cai**, Kosali Simon, & Sonia Angell. Heat-Sensitizing Medication Use Among Medicare Beneficiaries in the United States: Health, Demographic, and Geographic Variation

**Sih-Ting Cai**, Julie Donohue, Manisha Jhamb & Coleman Drake. The Impact of Prescription Drug Monitoring Programs on Opioid Use among Dialysis Patients.

## **Working Papers, to be submitted**

**Sih-Ting Cai**, David Anderson, Virginia Wang, & Coleman Drake. Does Dialysis Market Consolidation Increase Health Insurance Marketplace Premiums and Public Expenditures? Evidence from the Federally-Facilitated Marketplaces.

Kelly Anderson, Matthew Lavalley, David Anderson, & **Sih-Ting Cai**, Mark Meiselbach. Evaluating the Effects of Medicare Advantage Network Adequacy Regulations

**Sih-Ting Cai**, Grace Mackleby, & Hansoo Ko. The Impact of Expanded Medicare Advantage Eligibility on Individuals with End-Stage Renal Disease: Premium Variations and Market Dynamics

## **Works in Progress**

**Sih-Ting Cai**, Dan Sacks, Kosali Simon, & Coady Wing. Do GLP-1 Medications Pay for Themselves?

**Sih-Ting Cai**, Kosali Simon, & Coady Wing. Effects of Drug Shortages on ADHD Medication Use and Adherence.

**Sih-Ting Cai**, Virginia Wang, & Seth Freedman. From Acquisition to Access: How Dialysis Ownership Changes Shape Transplant Opportunities

**Sih-Ting Cai** & Seth Freedman. Dialysis Market Consolidation and Medicare Enrollment.

**Sih-Ting Cai**, Cydney McGuire, & Kosali Simon. Neighborhood Structural Racism and Its Effects on Individuals with Diabetes during the COVID-19 Public Health Emergency

## **Grant Funding**

Hopkins Business of Health Initiative Pilot Grant 2023 - 2024

Title: Leveraging Discontinuities in Network Adequacy Criteria to Evaluate the Effects of Provider Networks

PI: Mark Meiselbach (Co-I: Sih-Ting Cai)

Source: Hopkins Business of Health Initiative, John Hopkins University

Taiwanese Overseas Pioneer Grants (TOP Grants) 2022 - 2023

Title: Essays on End-Stage Renal Disease Treatment, Policies, and Markets

Role: Principal Investigator

Amount: \$30,000

Source: National Science & Technology Council, Taiwan

## **Teaching Experience**

Teaching Assistant

Microeconomics Applied to Health (HPM 2028), Coleman Drake

Fall 2020

## **Conferences and Invited Presentations**

IQVIA Institute Research Forum, Boston, MA -2025

- 1) Do GLP-1 Medications Pay for Themselves?
- 2) Effects of Drug Shortages on ADHD Medication Use and Adherence.

14th Annual Conference of the American Society of Health Economists (ASHEcon), Nashville, TN – 2025

- 1) The Impact of Expanded Medicare Advantage Eligibility on Individuals with End-Stage Renal Disease: Premium Variations and Market Dynamics
- 2) Medicaid Expansion Improved Access to Predialysis Nephrology Care
- 3) Dialysis Market Consolidation and Medicare Enrollment: Large Dialysis Organizations in the Post-ACA Era
- 4) Neighborhood Structural Racism and Its Effects on Individuals with Diabetes during the COVID-19 Public Health Emergency

13th Annual Conference of the American Society of Health Economists (ASHEcon), San Diego, CA – 2024

- 1) Impact of Medicaid Expansion on Mortality, Health Outcomes, and Costs in the End-Stage Renal
- 2) Physician-Patient Concordance and Adherence Among Part D Prescription
- 3) Dialysis Market Consolidation and Medicare Enrollment
- 4) Opioid Prescribing and Racial Concordance in Texas.

Association for Public Policy Analysis & Management (APPAM) Fall Research Conference, Atlanta, GA – 2023

Does Dialysis Market Consolidation Increase Health Insurance Marketplace Premiums and Public Expenditures? Evidence from the Federally-Facilitated Marketplaces.

12th Annual Conference of the American Society of Health Economists (ASHEcon), St. Louis, MO – 2023

Association between Facility Acquisition and Access to Transplant. 12th Annual Conference

11th Annual Conference of the American Society of Health Economists (ASHEcon), Austin, TX – 2022

The Impact of Prescription Drug Monitoring Programs on Opioid Use among Dialysis Patients.

10th Annual Conference of the American Society of Health Economists (ASHEcon) – 2021 (Virtual)  
Financial Transaction Costs Reduce Benefit Take-Up: Evidence from Zero-Premium Health Insurance  
2021 Plans in Colorado.

AcademyHealth Annual Research Meeting – 2021 (Virtual)  
Financial Transaction Costs Reduce Benefit Take-Up: Evidence from Zero-Premium Health Insurance

Faculty and PhD Student Seminar, Indiana University Kelley School of Business – 2020 (Virtual)  
Financial Transaction Costs Reduce Benefit Take-Up: Evidence from Zero-Premium Health Insurance

39th Annual Conference of North America Taiwanese Professors' Association, Houston, TX – 2019  
The Burden of End-Stage Renal Disease in Taiwan and the United States to the Year 2040.

## **Honors and Awards**

Equity and Inclusion Student Fellowship, Association for Public Policy Analysis & Management	2022
Diversity Scholarship Award, American Society of Health Economics	2022
Emerging Scholar Program, North America Taiwanese Professors' Association	2022
Young Scholar Program, North America Taiwanese Professors' Association	2019
Ellen Schall Experience Fund, NYU Robert F. Wagner Graduate School of Public Service Award: \$5,000	2016
The Wasserman Center Internship Grant, New York University	2016
Public Service Scholarship, NYU Robert F. Wagner Graduate School of Public Service Award: \$36,000	2015 - 2017

## **Non-Academic Work Experience**

Revival Home Health Care Field Nurse	2018
Pharmaceutical Product Development, LLC Contract Specialist	2015
St. Vincent's Private Hospital International Qualified Nursing Intern	Summer 2014
Australian Home Care Community Support Worker	2012 - 2014
National Taiwan University Hospital Clinical Research Assistant	2011 - 2012
National Taiwan University Hospital Registered Nurse	2006 - 2010

## **Service**

### *Academic*

Journal Reviewer:  
Journal of General Internal Medicine, Journal of Health Economics  
Conference session & abstract reviewer:

AcademyHealth Annual Research Meeting	2021- Present
Annual Conference of the American Society of Health Economists	2021- Present
Association for Public Policy Analysis and Management Fall Research Conference	2022- Present
Advisory Committee:	
AcademyHealth Health Economics Interest Group Advisory Committee	2022- 2023

### *University & Community*

Taiwan National Archive	2019 - Present
Board Member and Director in Pittsburgh Chapter	
NYU, Robert F. Wagner Graduate School of Public Service	2016 - 2017
Vice President of Wagner Health Network	
Chang Gung University	2002 - 2003
President, Social Service Club	

## **Professional Memberships**

AcademyHealth	2018 – Present
American Society of Health Economists	2021 – Present
Association for Public Policy Analysis and Management	2021 - Present

## **Skills**

Statistical Packages: R, SAS, Stata  
 Languages: Mandarin (native), English (fluent), Taiwanese (fluent)

## **References**

<p>Kosali Simon Ph.D.          Distinguished Professor and Associate Vice          Provost for Health Science          Indiana University          Paul H. O'Neill School of Public and          Environmental Affairs          SPEA 357, 1315 East 10th Street          Indiana, IN 47405          (812) 856-3850  <a href="mailto:simonkos@indiana.edu">simonkos@indiana.edu</a></p>	<p>Seth Freedman Ph.D.          Associate Professor          Indiana University          Paul H. O'Neill School of Public and          Environmental Affairs          SPEA 355, 1315 East 10th Street          Indiana, IN 47405          (812) 855-5054  <a href="mailto:freedmas@iu.edu">freedmas@iu.edu</a></p>
<p>Coleman Drake Ph.D.          Associate Professor          University of Pittsburgh          School of Public Health          Department of Health Policy and Management          A614, 130 De Soto Street          Pittsburgh, PA 15261          (412) 383-5340  <a href="mailto:cdrake@pitt.edu">cdrake@pitt.edu</a></p>	<p>Sherry A. Glied, Ph.D.          Professor          New York University          Robert F. Wagner Graduate          School of Public Service          295 Lafayette Street, 2nd Floor          New York, NY 10012          (212) 998-7402  <a href="mailto:sherry.glied@nyu.edu">sherry.glied@nyu.edu</a></p>