

THUY D. NGUYEN

Academic C.V. (February 20, 2021)

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University of Michigan School of Public Health | Center for Evaluating Health Reform
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ACADEMIC APPOINTMENT

- 04/2015-07/2015 Visiting Scholar, O'Neill School of Public and Environmental Affairs, Indiana University Bloomington, Indiana, USA
- 08/2016-07/2018 Post-doctoral Fellow on Regulatory Reform, O'Neill School of Public and Environmental Affairs, Indiana University Bloomington, Indiana, USA
- 08/2018-07/2020 Post-doctoral Researcher on Opioid Addiction Policies, O'Neill School of Public and Environmental Affairs, Indiana University Bloomington, IN, USA
- 08/2020-present Research Assistant Professor, Health Management & Policy, University of Michigan School of Public Health, Ann Arbor, MI, USA

EDUCATION

- 09/2004-06/2008 BA, Finance and Banking, School of Banking - Finance, National Economics University, Hanoi, Vietnam (Summa Cum Laude)
- 08/2010-05/2012 MPA, O'Neill School of Public and Environmental Affairs, Indiana University Bloomington, IN, USA
- 08/2012-12/2016 PhD, Economics, School of Business and Economics, Maastricht University, Maastricht, The Netherlands
Dissertation: "Firm-level Theory and Evidence of Corruption"

RESEARCH AND TEACHING INTERESTS

Research topics:

Health economics: addiction policies, provider behavior, pharmaceutical economics, healthcare fraud enforcement

Development economics: economics of corruption

Teaching interests: Health economics, behavioral economics, microeconomics, econometrics

GRANTS

Current Grants

Opioid Addictions and the Labor Market: Hiring and Training During an Epidemic

Indiana University- Grand Challenge Initiatives

Other Significant Contributor (PIs: Kosali Simon and Katy Borner)

2018-2021. \$260,597

The goal of this project is to map workforce trends relative to opioid use using data from multiple separate sources, including employment data, job postings data, treatment data and workforce policy data.

Submitted Grants

Racial and Ethnic Disparities in Opioid Use Disorder Diagnosis and Treatment

Pew Charitable Trusts- RFP No. 2020 – SUPTI – 01

Thuy Nguyen (PI)

04/2021-03/2022. \$109,596

The goal of this project is to quantify racial and ethnic disparities in the receipt of medications to treat individuals with opioid use disorder.

The impact of the Bundled Payment for Care Improvement Advanced on outcomes for patients with sepsis

National Institutes of Health- 21-PAF03448

Co-investigator (PI: Andrew Ryan)

09/2021-08/2026. \$3,717,467

The goal of this project is to quantify racial and ethnic disparities in the receipt of medications to treat individuals with opioid use disorder.

Past Grants

Can State Policy and Healthcare Environment Affect Opioid Prescribing? Research on Physician Behaviors, and a Community Engagement Forum

Indiana University- Grand Challenge Initiatives

Other Significant Contributor (PI: Hsien-Chang Lin)

2017-2020. \$226,712

The goal of this project is to investigate how a range of policy initiatives, designed to decrease the availability of prescribed opioids, may mitigate this crisis

PUBLICATIONS

Published Peer-Reviewed Articles

1. **Nguyen TD**, Bradford WD, Simon KI. Pharmaceutical payments to physicians may increase prescribing for opioids. *Addiction*. 2019 Jun;114(6):1051-1059. doi: 10.1111/add.14509. Epub 2019 Jan 22. PubMed PMID: 30667135.
2. **Nguyen TD**, Andraka-Christou B, Simon K, Bradford WD. Comparison of Rural vs Urban Direct-to-Physician Commercial Promotion of Medications for Treating Opioid Use Disorder. *JAMA Netw Open*. 2019 Dec 2;2(12):e1916520. doi: 10.1001/jamanetworkopen.2019.16520. PubMed PMID: 31790568.
3. **Nguyen TD**, Andraka-Christou B, Simon K, Bradford WD. Provider-directed marketing may increase prescribing of medications for opioid use disorder. *J Subst Abuse Treat*. 2019 Sep;104:104-115. doi: 10.1016/j.jsat.2019.06.014. Epub 2019 Jul 1. PubMed PMID: 31370974.
4. **Nguyen TD**. Does firm growth increase corruption? Evidence from an instrumental variable approach. *Small Bus Econ*. 2020 June;55:237–256. doi: 10.1007/s11187-019-00160-x
5. **Nguyen TD**, Perez V. Privatizing Plaintiffs: How Medicaid, the False Claims Act, and Decentralized Fraud Detection Affect Public Fraud Enforcement Efforts. *Journal Risk and Insurance*. 2020 Dec;87:1063-1091. <https://doi.org/10.1111/jori.12281>
6. Scriver O, **Nguyen TD**, Simon K, Middaugh E, Taska B, Börner K. Job postings in the substance use disorder treatment related sector during the first five years of Medicaid expansion. *PLoS One*. 2020;15(1):e0228394. doi: 10.1371/journal.pone.0228394. eCollection 2020. PubMed PMID: 31999764.
7. **Nguyen TD**, Nguyen H, Dang A. Determinants of patient satisfaction: Lessons from large-scale inpatient interviews in Vietnam. *PLoS One*. 2020;15(9):e0239306. doi: 10.1371/journal.pone.0239306. eCollection 2020. PubMed PMID: 32946537.

8. Andraka-Christou B, **Nguyen TD**, Harris S, Madeira J, Totaram R, Randall-Kosich O, Atkins D, Ford J. College students' perceived knowledge of and perceived helpfulness of treatments for opioid use disorder at two American universities. *Am J Drug Alcohol Abuse*. 2020 Sep 2;46(5):589-603. doi: 10.1080/00952990.2020.1757686. Epub 2020 Jun 16. PubMed PMID: 32543922.
9. Andraka-Christou B, **Nguyen TD**, Bradford DW, Simon K. Assessing the impact of drug courts on provider-directed marketing efforts by manufactures of medications for the treatment of opioid use disorder. *J Subst Abuse Treat*. 2020 Mar;110:49-58. doi: 10.1016/j.jsat.2019.12.004. Epub 2019 Dec 12. PubMed PMID: 31952628.
10. Bento AI, **Nguyen TD**, Wing C, Lozano-Rojas F, Ahn YY, Simon K. Evidence from internet search data shows information-seeking responses to news of local COVID-19 cases. *Proc Natl Acad Sci U S A*. 2020 May 26;117(21):11220-11222. doi: 10.1073/pnas.2005335117. Epub 2020 May 4. PubMed PMID: 32366658.
11. **Nguyen TD**, Gupta S, Ziedan E, Simon KI, Alexander GC, Saloner B, Stein BD. Assessment of Filled Buprenorphine Prescriptions for Opioid Use Disorder During the Coronavirus Disease 2019 Pandemic. *JAMA Intern Med*. 2020 Dec 21;. doi: 10.1001/jamainternmed.2020.7497. [Epub ahead of print] PubMed PMID: 33346795.
12. Sacks DW, Hollingsworth A, **Nguyen TD**, Simon K. Can policy affect initiation of addictive substance use? Evidence from opioid prescribing. *J Health Econ*. 2020 Dec 13;76:102397. doi: 10.1016/j.jhealeco.2020.102397. [Epub ahead of print] PubMed PMID: 33383263.
13. Gupta S, **Nguyen TD**, Rojas F, Raman S, Lee B, Bento A, Simon K, Wing C. Tracking Public and Private Response to the COVID-19 Epidemic: Evidence from State and Local Government Actions. *American Journal of Health Economics*. (In Press). A previous version appeared as NBER Working paper #27027.
14. Andraka-Christou, B, **Nguyen, TD**, Harris, S, Madeira, J, Totaram, R, Randall-Kosich, O, Atkins, D, & Ford, J. A pilot study of U.S. college students' 12-step orientation and the relationship with medications for opioid use disorder. *Journal of American College Health*. 2020 Dec 16:1-9.

Articles Under Journal Review

1. **Nguyen, TD**, Bradford, WD, & Simon, KI. How do Provider Restrictions on Prescription Opioids Affect Pharmaceutical Promotions? Lessons from the Mandatory Access Prescription Drug Monitoring Programs. No. w26356. *National Bureau of Economic Research*, 2019. ([Link](#))
2. **Nguyen, TD**, Gupta, S, Andersen, M, Bento, A, Simon, KI, & Wing, C. Impacts of State Reopening Policy on Human Mobility. No. w27235. *National Bureau of Economic Research*, 2020. ([Link](#))
3. Gupta, S, Montenovolo, L, **Nguyen, TD**, Rojas, F, Schmutte, I, Simon, KI, Weinberg, B, & Wing, C. Effects of social distancing policy on labor market outcomes. No. w27280. *National Bureau of Economic Research*, 2020. ([Link](#))
4. Cheng, W, Carlin, P, Carroll, J, Gupta, S, Rojas, F, Montenovolo, L, **Nguyen, TD**, Schmutte, I, Scrivner, O, Simon, KI, Wing, C, & Weinberg, B. Back to Business and (Re)employing Workers? Labor Market Activity During State COVID-19 Reopenings. No. w27419. *National Bureau of Economic Research*, 2020. ([Link](#)) (Revision Requested)
5. Gupta, S., **Nguyen, TD**, Freeman, P., Simon KI Competitive Effects of Federal and State Opioid Restrictions: Evidence from the Controlled Substance Laws. No. 27520. *National Bureau of Economic Research*, 2020. ([Link](#))
6. Perez, V, **Nguyen, TD**. Understanding Heterogeneity in State Demand for Decentralized Fraud Enforcement: Evidence from US Medicaid Program.

7. **Nguyen, TD**, Andraka-Christou, B., Bradford, D, & Simon, KI Who Participates in SAMHSA's Buprenorphine Practitioner Locator? Who are Newly Waivered Practitioners? Lessons Relevant for Opioid Use Disorder Treatment Policy.
8. Andraka-Christou, B, Harris, S., **Nguyen, TD**, Madeira, J, Totaram, R, Randall-Kosich, O, & Atkins, D. Perceptions of harm reduction policies related to opioid use: A study of attitudes among students at two American universities.
9. Drake, C, Nagy, D., **Nguyen, TD**, Kraemer, KI, Mair, C, Wallace, D, & Donohue, J. A Two-Step Floating Catchment Area Approach to Measure Access to Buprenorphine Prescribers. (Revision under Review)
10. **Nguyen, TD**, Cantor, J, Andraka-Christou, B, Bradford, D, & Simon, KI. Where Did Substance Use Disorder Treatment Establishments, their Workforce and their Wages Grow between 2011 and 2018? Evidence from Census Data. (Revision under Review)
11. **Nguyen, TD**, Muench, U., Andraka-Christou, B, Bradford, D, Simon, KI, & Spetz, J. Impacts of Federal and State Regulations on Buprenorphine Prescriptions by Nurse Practitioners. (Revision under Review)

Working Papers

Nguyen, TD & Lee, B. Today's Lesson is Tomorrow's Practice: The Early Exposure to State Restrictive Marketing Policies in Medical School Discourages Physicians from Receiving Pharmaceutical Payments.

Nguyen, TD, Simon, K, Bradford, D, & Conti, R. Does Expansion of Public Health Insurance Affect Prescription Drug Marketing?

Citation Tracking

[Google Scholar](#)

All citations: 360; h-index: 8; i10-index: 8

Citations since 2016: 358; h-index: 8; i10-index: 8

MEDIA RELATIONS (PUBLISHED NEWS OF RESEARCH)

"Opioid sales reps visited Columbus doctors frequently", *The Republic*, 9/2019 ([Link](#))

"The (Human) Cost of Greed", *The Medicine Maker magazine*, 11/27/2019 ([Link](#))

"Data Resources on Medical Providers", *American Society of Health Economists*, 2020 ([Link](#))

"Tighter Regulation Lowers Targeted, but Not Overall, Opioid Use", National Bureau of Economic Research, *NBER Bulletin on Health*, No. 3, November 2020, ([Link](#))

"Number of filled prescriptions dropped 'considerably' in early days of COVID-19 pandemic", National Bureau of Economic Research, *Healio*, January 2020, ([Link](#))

Other Media Coverage of Research

"Prescription Limits May Increase Opioid Exposure", *The Washington Free Beacon*, June 2019 ([Link](#))

"Government orders have less impact on voluntary quarantine than having news about the pandemic", *News at Indiana University*, April 2020 ([Link](#))

"Online searches for coronavirus spiked after 1st case reports, dwindled shortly after", *News at Indiana University*, May 2020 ([Link](#))

“Episode 74—Reflection, and opioid use disorder”, *Podcast at Indiana University*,
January 6, 2021 ([Link](#))

SCHOLAR HONORS AND AWARDS

2004-2008	Outstanding Student Scholarships from the Ministry of Education and Training of Vietnam and scholarships from both the Bank of Tokyo-Mitsubishi, and the Vietnam Asia Commercial Bank
2008	Certificate of Merit from the President of Hanoi People’s Committee for the Best Students of the Year 2008 in Vietnam
2010	Vietnam Young Leader Awards Scholarship – Vietnam Ministry of Education and Training and Indiana University
2012	United Nations University – Maastricht Economic and Social Research Institute on Innovation and Technology PhD Scholarship
2020	American Society of Health Economists Diversity Scholarship

TEACHING EXPERIENCE

O’Neill School - Indiana University Bloomington

Energy Policy from a Nation-State Perspective (master-level, Fall 2018 & Fall 2020, guest lecturer)

Independent Study (master-level, Spring 2019, co-instructor)

Development Economics (master-level, Fall 2018 & Fall 2019, guest lecturer)

Introduction to Behavioral Economics in Public Policy (undergraduate-level, Fall 2017, instructor: design of the entire course, teaching, and assessment)

Maastricht Graduate School of Governance - Maastricht University

Research Design (master-level, Fall 2015, Associate Instructor: teaching and assessment)

United Nations University - Maastricht Economic and Social Research Institute on Innovation and Technology (UNU-MERIT) - Maastricht University

Introduction to Econometrics (Doctoral-level, Fall 2014, Associate Instructor: teaching and assessment)

Maastricht School of Management

Introduction to Econometrics (non-degree program, Fall 2014, Associate Instructor: teaching and assessment)

Impact Evaluation (non-degree program, Fall 2013 & Fall 2014 (Associate Instructor: teaching and committee member to assess students' research proposals)

PRESENTATIONS

2021: American Economic Association Annual Meetings (Presenter)

2020: American Economic Association Annual Meetings (Discussant, Coauthor), Annual Conference of the American Society of Health Economists (Session Organizer, Presenter, Chair, CANCELED)

2019: University of Kentucky, Fall Meetings of the Association for Public Policy Analysis & Management (Presenter), Southern Economic Association Annual Meetings (Presenter &

Discussant), Annual Conference of the American Society of Health Economists (Poster), Bates White's Life Sciences Symposium (Coauthor)

2018: Annual Conference of the American Society of Health Economists (Presenter, Discussant), Annual International Industrial Organization Conference (Presenter), Midwest Economics Association Annual Meeting (Presenter & Discussant), ENSC Health Economics and Policy Conference (Presenter).

2017: Annual Conference of the Society for Economic Measurement (Presenter), IU/UL/VU Health Economics & Policy Conference (Presenter), Ostrom Workshop Research Series (Presenter, Indiana University).

2016: Indiana University, Inaugural Conference of the Economics Steering Group of the Worldwide Universities Network (Presenter, Netherlands), Royal Economic Society Symposium for Junior Researchers (Presenter, UK).

2015: Doctoral Conference in Economics at the Ruhr Graduate School in Economics (Presenter, University of Duisburg-Essen, Germany)

ADDITIONAL PROFESSIONAL ACTIVITIES

Referee for Journals:

American Economic Journal: Economic Policy (2020)

Journal of Health Economics (2020 & 2021)

American Journal of Health Economics (2020)

Health Economics (2019)

Small Business Economics (2019 & 2020)

JAMA Network Open (2021)

American Journal of Preventive Medicine (2020)

Public Choice (2020)

Nature Human Behavior (2020)

Value in Health (2020)

Administration and Policy in Mental Health (2019)

Conference Proposal Review:

Annual Conference of the American Society of Health Economists 2020

Grant Proposal Review:

Swiss National Science Foundation – External Reviewer for a project funding in humanities and social sciences 2020

Indiana Clinical and Translational Sciences Institute (CTSI) Postdoc Challenge 2019

Technical Reports and Papers

Dang, A, Dang, D. and Nguyen, T. "Administration System", chapter 10 in *Vietnam Economic Growth Diagnostics*. Research Report prepared for the Central Economic Commission of the Communist Party of Vietnam and the U.S. Agency for International Development (USAID), 2017 (Print ISBN: ISBN: 978-604-80-2333-1, Information and Communications Publishing House)

DEPARTMENTAL SERVICE

- 08/2015-7/2016 Panel Member - MPP Panel of Thesis Graders, Maastricht Graduate School of Governance - Maastricht University
- 08/2017-07/2018 Assistant Director of Vietnam Initiative, O'Neill School of Public and Environmental Affairs, Indiana University Bloomington, IN, USA
- 09/2020-present Diversity, Equity and Inclusion (DEI) committee member, Health Management & Policy, University of Michigan School of Public Health, Ann Arbor, MI, USA

OTHER PROFESSIONAL APPOINTMENTS

- 07/2008-01/2009 Risk and Portfolio Analyst, Division of Credit Risk Management, Head Office of Joint Stock Commercial Bank for Foreign Trade of Vietnam (Vietcombank), Hanoi, Vietnam
- 07/2009-07/2010 Researcher, Dept of Macroeconomics and Strategy Studies, Development Strategy Institute, Ministry of Planning and Investment of Vietnam, Hanoi, Vietnam
- 10/2014-02/2015 Research Assistant, Maastricht Graduate School of Governance, Maastricht University, The Netherlands

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

- 2017-present Member, American Society of Health Economists
- 2017-present Member, American Economic Association
- 2019-present Member, Southern Economic Association