

THUY D. NGUYEN

Academic C.V. (October 10, 2021)

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University of Michigan School of Public Health | Center for Evaluating Health Reform
M3234, 1415 Washington Heights, Ann Arbor, MI 48109-2029, USA

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: US opioid epidemic, pharmaceutical policies, provider behavior, pharmaceutical economics, healthcare fraud enforcement

Development economics: economics of corruption

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

GRANTS

Current Grants

Agency for Healthcare Research and Quality (R01) 08/01/2018 - 05/31/2023
1-R01-HS-026244-03
Andrew Ryan (PI)
Role: Co-Investigator (100% effort in 2020-2021)
Evaluating the Effects of Hospital Acquired Condition Reduction Program

Submitted Grants

Pew Charitable Trusts 04/2021-03/2022
RFP No. 2020 – SUPTI – 01 (\$109,596)
Thuy Nguyen (PI)
The goal of this project is to quantify racial and ethnic disparities in the receipt of mediations to Racial and Ethnic Disparities in Opioid Use Disorder Diagnosis and Treatment (unfunded)

National Institutes of Health (R01) 09/2021-08/2026
21-PAF03448 (\$3,717,467)
Co-investigator with 50% effort (PI: Andrew Ryan)
The impact of the Bundled Payment for Care Improvement Advanced on outcomes for patients with sepsis (unfunded)

National Institutes of Health (RM1) 09/2021-08/2026
RFA-DA-21-030 (\$13,637,465)
Co-investigator with 10% effort (PIs: Amy Bohnert, Walter Dempsey, Daniel Clauw, David Williams)
Optimizing care for opioid use problems and chronic pain across healthcare settings

National Institutes of Health (R01) 04/2022-03/2027
21-PAF03494 (\$3,365,421)
Co-investigator with 10% effort (PI: Andrew Ryan)
The effects of bundled payment on acute cardiovascular outcomes among older adults - Resubmission

National Institutes of Health (R01) 07/2022-06/2026
22-PAF00141 (\$3,815,783)
Co-investigator with specified effort (PI: Sunghee Lee)
Improving Inclusivity of Population-Based Alzheimer's Disease and Related Dementias Research for Asian Americans and Latinx through Hybrid Web Respondent Driven Sampling (H-WRDS)

National Institute on Drug Abuse (R01) 07/2022-06/2027
22-PAF01263 (\$2,853,124)
MPIs: Kao-Ping Chua, Thuy Nguyen
Insurance-related barriers to medications for opioid use disorder in private and Medicaid plans

Past Grants

Indiana University- Grand Challenge Initiatives
Other Significant Contributor (PI: Hsien-Chang Lin)
2017-2020. \$226,712
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 (PIs: Kosali Simon and Katy Borner)
2018-2021. \$260,597
Opioid Addictions and the Labor Market: Hiring and Training During an Epidemic

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 manufacturers 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. 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.
14. **Nguyen TD**, Muench U, Andraka-Christou B, Simon K, Bradford WD, Spetz J. The Association Between Scope of Practice Regulations and Nurse Practitioner Prescribing of Buprenorphine After the 2016 Opioid Bill. *Med Care Res Rev*. 2021 Apr 1:10775587211004311. doi: 10.1177/10775587211004311. Epub ahead of print. PMID: 33792414.
15. **Nguyen TD**, Saloner B, Stein BD. Buprenorphine Opioid Treatment During the COVID-19 Pandemic—Reply. *JAMA Intern Med*. doi:10.1001/jamainternmed.2021.0774
16. **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. *J Subst Abuse Treat*. 2021 May. doi: 10.1016/j.jsat.2021.108482.
17. 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*. 2021 October 6. DOI: 10.1086/716197. A previous version appeared as NBER Working paper #27027.
18. Drake, C, Nagy, D., **Nguyen, TD**, Kraemer, KI, Mair, C, Wallace, D, & Donohue, J. A Comparison of Methods for Measuring Spatial Access to Health Care. *Health Serv Res*. 2021 July 11. DOI: 10.1111/1475-6773.13700. [Epub ahead of print] PubMed PMID: 34250592.
19. **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.
20. **Nguyen, TD**, Gupta, S, Andersen, M, Bento, A, Simon, KI, & Wing, C. Impacts of State COVID-19 Reopening Policy on Human Mobility and Mixing Behavior. *Southern Economic Journal*. 2021 September 30. DOI: 10.1002/soej.12538. A previous version appeared as NBER Working paper #27235.
21. Chua, KP, Dahlem, CH, **Nguyen, TD**, Brummett, CM, Conti, RM, Bohnert, AS, Dora-Laskey, AD. Naloxone and Buprenorphine Prescribing Following U.S. Emergency Department Visits for Suspected Opioid Overdose: August 2019-April 2021. *Annals of Emergency Medicine* (In Press).

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. Gupta, S, Montenovov, 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](#))
3. Cheng, W, Carlin, P, Carroll, J, Gupta, S, Rojas, F, Montenovov, 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)

4. 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](#))
5. Perez, V, **Nguyen, TD**. Understanding Heterogeneity in State Demand for Decentralized Fraud Enforcement: Evidence from US Medicaid Program.
6. 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.
7. Viglione, J and **Nguyen, TD**. Increased Telehealth Use and Altered Supervision Procedures among US Community Corrections Agencies during the COVID-19 Pandemic (Revision Submitted).

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?

MEDIA RELATIONS/PUBLISHED NEWS OF RESEARCH

"Opioid sales reps visited Columbus doctors frequently", *The Republic*, 9/14/2019 ([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](#))

"Prescription Limits May Increase Opioid Exposure", *The Washington Free Beacon*, 06/26/2019 ([Link](#))

"Government orders have less impact on voluntary quarantine than having news about the pandemic", *News at Indiana University*, 04/28/2020 ([Link](#))

"Online searches for coronavirus spiked after 1st case reports, dwindled shortly after", *News at Indiana University*, 05/20/2020 ([Link](#))

"Episode 74—Reflection, and opioid use disorder", *Podcast at Indiana University*, 01/06 6/2021 ([Link](#))

"Number of filled prescriptions dropped 'considerably' in early days of COVID-19 pandemic", *Healio*, 01/26/2021, ([Link](#))

<https://addictions.iu.edu/news/buprenorphine-prescription-study.html>

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

Does Expansion of Public Health Insurance Affect Prescription Drug Marketing. Oral presentation, *Annual Conference of the American Society of Health Economists*, Virtual, 6/2021

Today's Lesson is Tomorrow's Practice: The Early Exposure to State Restrictive Marketing Policies in Medical School Discourages Physicians from Receiving Pharmaceutical Payments. Oral presentation, *Annual Conference of the American Society of Health Economists*, Virtual, 6/2021

Impacts of State COVID-19 Reopening Policy on Human Mobility and Mixing Behavior. Oral presentation, *Annual Conference of the American Society of Health Economists*, Virtual, 6/2021

How do Provider Restrictions on Prescription Opioids Affect Pharmaceutical Promotions? Lessons from the Mandatory Access Prescription Drug Monitoring Programs. Oral presentation. *American Economic Association Annual Meetings*, Virtual, 01/2021

Annual Conference of the American Society of Health Economists 2020 (Session Organizer, Presenter, Chair, CANCELED)

Does Expansion of Public Health Insurance Affect Prescription Drug Marketing. Oral presentation, *Southern Economic Association Annual Meetings*, 11/2019, Fort Lauderdale, FL, USA

Today's Lesson is Tomorrow's Practice: The Early Exposure to State Restrictive Marketing Policies in Medical School Discourages Physicians from Receiving Pharmaceutical Payments. Oral presentation, *Southern Economic Association Annual Meetings*, 11/2019, Fort Lauderdale, FL, USA

Who Participates in SAMHSA's Buprenorphine Practitioner Locator? Who are Newly Waivered Practitioners? Lessons Relevant for Opioid Use Disorder Treatment Policy. Oral presentation, *Fall Meetings of the Association for Public Policy Analysis & Management*, 11/2019, Denver, CO, USA

Does Expansion of Public Health Insurance Affect Prescription Drug Marketing. Poster presentation, *Annual Conference of the American Society of Health Economists*, 06/2019, Washington, DC, USA

Privatizing Plaintiffs: How Medicaid, the False Claims Act, and Decentralized Fraud Detection Affect Public Fraud Enforcement Efforts. Oral presentation, *Midwest Economics Association Annual Meeting*, 03/2018, Evanston, IL, USA

Do State Regulations Restricting Prescriptions of Opioids Affect Provider-Pharma Financial Ties? Evidence from Open Payments Data. Oral presentation, *Annual Conference of the American Society of Health Economists*, Emory University, 06/2018, Atlanta, GA, USA

Privatizing Plaintiffs: How Medicaid, the False Claims Act, and Decentralized Fraud Detection Affect Public Fraud Enforcement Efforts. Oral presentation, *Annual International Industrial Organization Conference*, 04/2018, Indianapolis, IN, USA

Anti-Corruption Media Coverage and Corruption Perception. Oral presentation, *Ostrom Workshop Research Series*, at Ostrom Workshop, Indiana University, 04/2017, Bloomington, IN, USA

The Price of Justice: Privatization and Decentralization of Medicaid Fraud Detection in the False Claims Acts. Oral presentation. *The 2017 IU/UL/VU Health Economics & Policy Conference*, University of Louisville, 12/2017, Louisville, Kentucky, USA

Does firm growth increase corruption? Evidence from an instrumental variable approach. Oral presentation, *Ostrom Workshop Research Series*, at Ostrom Workshop, Indiana University, 10/2017, Bloomington, IN, USA

Anti-Corruption Media Coverage and Corruption Perception. Oral presentation, *Society for Economic Measurement (SEM) 2017 Annual Conference*, at Samberg Center, MIT, 07/2017, Cambridge, Massachusetts, USA

Anti-Corruption Media Coverage and Corruption Perception. Oral presentation, *Ostrom Workshop Research Series*, at Ostrom Workshop, Indiana University, 04/2017, Bloomington, IN, USA

Does firm growth increase corruption? Evidence from an instrumental variable approach. Oral presentation, *Inaugural Conference of the Economics Steering Group of the Worldwide*

Universities Network (WUN) 2016, Maastricht University, 04/2016, Maastricht, The Netherlands

Does firm growth increase corruption? Evidence from an instrumental variable approach. Oral presentation, *The Royal Economic Society Symposium of Junior Researchers 2016*, University of Sussex, 02/2016, Brighton, United Kingdom

A Model of Transnational Corruption. Oral presentation, *Doctoral Conference in Economics* at the Ruhr Graduate School in Economics, University of Duisburg-Essen, 02/2015, Essen, Germany

ADDITIONAL PROFESSIONAL ACTIVITIES

Referee for Journals:

2/2019: Administration and Policy in Mental Health

3/2019: Small Business Economics

9/2019: Small Business Economics

3/2020: Health Economics

4/2020: American Economic Journal: Economic Policy

8/2020: Journal of Health Economics

8/2020: Public Choice

8/2020: Nature Human Behavior

8/2020: Value in Health

12/2020: American Journal of Health Economics

12/2020: American Journal of Preventive Medicine

2/2021: JAMA Network Open

3/2021: Journal of Health Economics

3/2021: Health Affairs

9/2021: Medical Care Research and Review

9/2021: American Economic Journal: Economic Policy

10/2021: Annals of Internal Medicine

10/2021: Southern Economic Journal

Conference Proposal Review:

1/2021: Annual Conference of the American Society of Health Economists

Grant Proposal Review:

1/2021: *Swiss National Science Foundation* – External Reviewer for a project funding in humanities and social sciences

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

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