



tongyai iyavarakul

curriculum vitae

Education

- 2009 **Ph.D. in Economics**, *Duke University*, Durham, NC U.S.A
- 2004 **M.S. in Statistics**, *University of Chicago*, Chicago, IL U.S.A
- 2000 **M.Sc. in Economics**, *London School of Economics and Political Science*, London U.K
- 1999 **B.A. in Economics (First class)**, *Thammasat University*, Bangkok Thailand
- 1995 **High School Diploma**, *Chitralada School*, Bangkok Thailand

Experience

- 2017–current **Assistant Professor of Economics**, NIDA, Bangkok Thailand
- 2014–2017 **Lecturer in Economics**, NIDA, Bangkok Thailand
- 2009–2014 **Plan and Policy Analyst**, The Office of the Prime Minister, Bangkok Thailand
- 2007 **Teaching and Research Assistant**, Fuqua Business School, Duke University, NC U.S.A.
- **Instructor**, Department of Economics, Duke University, NC U.S.A.
- 2006 **Head Teaching Assistant**, Department of Economics, Duke University, NC U.S.A.
- 2005 **Teaching Assistant**, Department of Economics, Duke University, NC U.S.A.
- 2004 **Teaching Assistant**, Department of Statistics, University of Chicago, IL U.S.A.
- **Consultant**, Statistical Consulting Group, Department of Statistics, University of Chicago, IL U.S.A.
- 2000–2002 **Plan and Policy Analyst**, The Office of the Prime Minister, Bangkok Thailand
- 1999 **Project Assistant**, The World Bank, Bangkok Thailand

Awards

- 2008 Dan Levitan Fellowship, Duke University, NC U.S.A.
- 2005 Duke University summer research fellowship (two years)
- 2004 Duke University Department of Economics fellowship
- Duke University graduate scholarship (five years)
- University of Chicago graduate assistantship
- 2002 Royal Thai Government scholarship (two years)
- 1999 Royal Thai Government scholarship
- Thammasat University student exchange program award

- 1996 Thammasat University scholarship (4 years)
- 1995 Certificate in Piano Performance (Grade 8, with Merit), Trinity College of Music, U.K.
- 1994 AFS student exchange program scholarship, George-Büchner Gymnasium, Germany
- 1992 Chitralada School student exchange program scholarship, Wesley College, Melbourne, Australia
- 1988-1992 Academic Excellence awards from Princess Maha Chakri Sirindhorn, Chitralada School, Bangkok Thailand
- 1987 First prize in National Academic Pre-examination (primary school), Bangkok Thailand

Grants

- 2024 Research grant (with Israngura Na Ayutthaya, A., and N. Chunsom), *Carbon tax project*, NIDA, Thailand
- 2023 Research grant (with Chokprajakchat, S., Techagaisiyavanit, W., Mulaphong, D., and A. Kuanliang), *Developing a database and mapping of domestic violence in Thai Society*, The National Research Council, Thailand
- 2022 Research grant (with Chokprajakchat, S., Techagaisiyavanit, W., Mulaphong, D., and N. Sumretphol), *Monitoring the achievement of key indicators according to the Science, Research, and Innovation Plan for 2020-2022, Group 3 (Programs P10 – P11 on New Industrial Economy and BCG, and Program P17 on crisis resolution*, Thailand Science Research and Innovation, Thailand
- Research grant (with Chokprajakchat, S., and W. Techagaisiyavanit), *Drafting the 5th National Human Rights Plan*, Ministry of Justice, Thailand
- 2021 Research grant (with Chokprajakchat, S., Techagaisiyavanit, W., Mulaphong, D., and N. Sumretphol), *Study of baseline data for OKR analysis and trend forecasting of indicators for Platform 2: Research and innovation to address social challenges and Platform 3: Research and innovation to enhance competitiveness*, Thailand Science Research and Innovation, Thailand
- Research grant (with Chokprajakchat, S., Techagaisiyavanit, W., Mulaphong, D., and A. Kuanliang), *Violence database and mapping in Thailand*, The National Research Council, Thailand
- 2020 Research grant (with Chokprajakchat, S., Techagaisiyavanit, W., and A. Kuanliang), *Measures for offenders reduction and diversion: A case study of the drug rehabilitation process*, Ministry of Justice, Thailand
- Research grant (with Chokprajakchat, S., and W. Techagaisiyavanit), *Assessing the Halfway House*, Ministry of Justice, Thailand
- 2019 Research grant (with Chokprajakchat, S., and W. Techagaisiyavanit), *The impact of high-risk businesses on transnational crime*, Thailand Science Research and Innovation, Thailand
- Research grant (with Chunsom, N., Satimanon, T., and S. Sarntisart), *University governance*, Thailand Science Research and Innovation, Thailand
- 2018 Research grant (with Chokprajakchat, S., Techagaisiyavanit, W., and N. Sumretphol), *Evaluating the outcomes and impacts of the justice process - police project series*, Thailand Science Research and Innovation, Thailand

School of Development Economics, NIDA

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2/5

- Research grant (with Chokprajakchat, S., Techagaisiyavanit, W., and N. Sumretphol), *Drafting the 4th National Human Rights Plan: Phase 2*, Ministry of Justice, Thailand
- 2017 Research grant (with Chokprajakchat, S., Techagaisiyavanit, W., and N. Sumretphol), *Drafting the 4th National Human Rights Plan: Phase 1*, Ministry of Justice, Thailand
- Research grant (with Chokprajakchat, S., Techagaisiyavanit, W., and N. Sumretphol), *Developing a training curriculum on standards for the prevention and suppression of money laundering and countering the financing of terrorism*, Anti-Money Laundering Office, Thailand
- 2016 Research grant (with Chokprajakchat, S., and W. Techagaisiyavanit), *Guidelines for a comprehensive support system for crime victims: A case study of Sweden*, Ministry of Justice, Thailand
- Research grant (with Chokprajakchat, S., and N. Sumretphol), *Who benefits in the methamphetamine market?*, Ministry of Justice, Thailand
- 2015 Conference and travel grant, The 9th Annual conference of the International Society for the Study of Drug Policy (ISSDP), Ghent Belgium
- Research grant (with Chokprajakchat, S.), *Developing a throughcare model for Thailand*, Ministry of Justice, Thailand
- 2014 Research grant (with Chokprajakchat, S., and S. Kusonsinwut), *Crime victim fund in Thailand*, Ministry of Justice, Thailand
- Research grant (with Chokprajakchat, S. and N. Sumretphol), *Assessing the 2th National Human Rights Plan: Phase 2*, Ministry of Justice, Thailand
- 2013 Research grant (with Chokprajakchat, S., and N. Sumretphol), *Drafting the 3th National Human Rights Plan: Phase 2*, Ministry of Justice, Thailand
- Research grant (with Chokprajakchat, S., and N. Sumretphol), *Assessing the 2th National Human Rights Plan: Phase 1*, Ministry of Justice, Thailand
- 2012 Research grant (with Chokprajakchat, S., and N. Sumretphol), *Drafting the 3th National Human Rights Plan: Phase 1*, Ministry of Justice, Thailand
- 2011 Research grant (with Chokprajakchat, S., Kusonsinwut, S., and A. Kuanliang), *An analysis of drug decriminalization policy in Thailand*, The Office of the Narcotics Control Board, Bangkok Thailand
- 2010 Research grant (with Chokprajakchat, S., and A. Kuanliang), *Assessing the return and the effectiveness of the national drug budget*, The Office of the Narcotics Control Board, Bangkok Thailand
- 2009 Travel grant for conference presentation, The Office of the National Counter Corruption Committee Board, Bangkok Thailand
- 2007 European Science Foundation conference grant, Vadstena Sweden
- Duke University travel grant (two years)

Publications

- 2025 Suntikul, P., & Iyavarakul, T. Elderly's work decisions: A Becker family economics analysis of panel data. *CRRU Law, Political Science and Social Science Journal*, 9(1).
- Iyavarakul, T. Has Thailand Succeeded in the War on Drugs? *NIDA Case Research Journal*, 17(2).

- Chokprajakchat, S., Techagaisiyavanit, W., Mulaphong, D., Iyavarakul, T., & Kuanliang, A. What experts say about domestic violence: constructing Thailand's domestic violence severity index through an expert judgement approach. *Safer Communities*, 24(2).
- 2024 Chokprajakchat, S., Techagaisiyavanit, W., Mulaphong, D., Iyavarakul, T., Kuanliang, A., & Laosunthorn, C. Tracking violence in Thailand: the making of violent crime index. *Security Journal*, 37(1), 90-109.
- 2023 Suensom, M., & Iyavarakul, T. Gender Differences In Saving Behaviors, Lao PDR. *Development Economic Review*, 17(2), 110-136.
- 2022 Chokprajakchat, S., Techagaisiyavanit, W., Iyavarakul, T., & Kuanliang, A. When criminal diversion is a temporary solution: rethinking drug rehabilitation policy in Thailand. *Current Issues in Criminal Justice*, 34(4), 418-434.
- 2021 Chokprajakchat, S., Techagaisiyavanit, W., & Iyavarakul, T. How a halfway house became a road toward freedom: a case study of the Kalatapae community. *Journal of Criminological Research, Policy and Practice*, 7(4), 318-334.
- Chokprajakchat, S., Techagaisiyavanit, W., Iyavarakul, T., Bunnag, T., & Narongsak, T. Disguised Foreign Controlled Companies and the Facilitation of Transnational Criminal Activities in Thailand. *International Journal of Criminology and Sociology*, 10, 1075-1087.
- 2020 Chokprajakchat, S., Techagaisiyavanit, W., Sumretphol, N., & Iyavarakul, T. The Evaluation of the Outcome and Impact of the Study on the Effectiveness of Traffic Law Enforcement. *Sripatum Review of Humanities and Social Sciences*, 20(2), 105-117.
- 2019 Iyavarakul, T. On the causal nexus between terrorism and tourism: empirical evidence from the south Thailand insurgency. *Development Economic Review*, 13(1), 28-41.
- 2018 Iyavarakul, T. Ex ante and Ex post Moral Hazard in Public Health Insurance in Thailand. *Development Economic Review*, 12(1), 10-26.
- Ophaso, P., & Iyavarakul, T. On the Determinants of Wage Rate in the Sex Market. *Economics and Public Policy Journal*, 9(18), 10-26.
- 2017 Chokprajakchat, S., Techagaisiyavanit, W., & Iyavarakul, T. Developing Thailand's comprehensive crime victim assistance model through a comparative perspective of the Swedish and Norwegian systems. *International journal of criminal justice sciences*, 12(2).
- Chokprajakchat, S., Kuanliang, A., Iyavarakul, T., & Kusonsinwut, S. Analysis of the Decriminalization in the Development of Thai Policy on Drug. *Parichart Journal*, 30(2), 295-322.
- Adulthamvit, A., & Iyavarakul, T. Social norm and behavioral containment in the context of populist policies. *Economics and Public Policy Journal*, 8(15), 53-75.
- 2016 Abotsi, A. K., & Iyavarakul, T. Tolerable level of corruption for foreign direct investment in Africa. *Contemporary Economics*, 9(3), 249-270.
- Chokprajakchat, S., & Iyavarakul, T. Guidelines for behavior modification of offenders in Thailand. *Journal of Thai Justice System*, 8(3), 89-113.

Books (in Thai)

- 2024 Iyavarakul, T. *Linear algebra for economics*. BPK printing house. Also freely available at <http://econ.nida.ac.th/teams/tongyai-iyavarakul>
- 2000 Iyavarakul, T. *The law and economics of Article 157*. Matichon Publishing House.

Research Interests

Applied game theory, microeconometrics, law and economics, economics of illicit drugs

Skills

Language Thai (native), English (fluent), German and French (conversational)
Computer R, Stata, \LaTeX