

# Stanford

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## Minh Dai Nguyen

Postdoctoral Scholar, Gastroenterology

### Bio

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#### BIO

Dr. Minh Nguyen joined the Prof. Jeffrey Glenn laboratory as a postdoctoral scholar in August 2022. In collaboration with Safaran ChEM-H Medicinal Chemistry Knowledge Center, his research objective is to harness the power of organic synthesis toward the development of novel antiviral therapies. Minh obtained his Ph.D. in Chemistry from the University of Pennsylvania under the direction of Prof. Amos B. Smith, III, where his doctoral work centered on the convergent total synthesis of two marine natural products nahuoic acids Cii and Dii.

#### HONORS AND AWARDS

- Graduate Fellowship, Vietnam Education Foundation (VEF) (2016)

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of Pennsylvania (2022)
- Bachelor (Undeclared), Univ of Ho Chi Minh City (2015)
- PhD, University of Pennsylvania , Chemistry (2022)
- BSc, Ho Chi Minh University of Medicine and Pharmacy, Vietnam , Pharmacy (2015)

#### STANFORD ADVISORS

- Jeffrey Glenn, Postdoctoral Faculty Sponsor
- Jeffrey Glenn, Postdoctoral Research Mentor

#### LINKS

- <https://www.linkedin.com/in/minh-nguyen-8a0a57103/>: <https://www.linkedin.com/in/minh-nguyen-8a0a57103/>

### Research & Scholarship

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#### LAB AFFILIATIONS

- Mark Smith, Medicinal Chemistry Knowledge Center (8/15/2022)

### Publications

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#### PUBLICATIONS

- **Thick Data Analytics (TDA): An Iterative and Inductive Framework for Algorithmic Improvement** *The American Statistician*  
Nguyen, M., Eulalio, T., Marafino, B. J., Rose, C., Chen, J. H., Baiocchi, M.  
2024
- **Generation of Dithianyl and Dioxolanyl Radicals Using Photoredox Catalysis: Application in the Total Synthesis of the Danshenspiroketallactones via Radical Relay Chemistry** *ORGANIC LETTERS*  
Deng, Y., Nguyen, M. D., Zou, Y., Houk, K. N., Smith, A. B.  
2019; 21 (6): 1708-1712

- **Synthesis of Novel Chalcones as Acetylcholinesterase Inhibitors** *APPLIED SCIENCES-BASEL*  
Thanh-Dao Tran, Thi-Cam-Vi Nguyen, Ngoc-Son Nguyen, Dai-Minh Nguyen, Thi-Thu-Ha Nguyen, Minh-Tri Le, Khac-Minh Thai  
2016; 6 (7)
- **Synthesis and Selective Cytotoxic Activities on Rhabdomyosarcoma and Noncancerous Cells of Some Heterocyclic Chalcones** *MOLECULES*  
Tuong-Ha Do, Dai-Minh Nguyen, Van-Dat Truong, Thi-Hong-Tuoi Do, Minh-Tri Le, Thanh-Quan Pham, Khac-Minh Thai, Thanh-Dao Tran  
2016; 21 (3): 329