

Nattapol Kraitudomsook

2550 Hull Rd., University of Florida, Gainesville, FL 32611
kraisin@ufl.edu, 860-248-5235

Education

- Doctor of Philosophy in Plant Pathology: May 2018 – Present
Expected graduation date: May 2022
Advisor: Dr. Matthew E. Smith
University of Florida, Gainesville, FL
- Master of Science in Plant Pathology: August 2016 – May 2018
Advisor: Dr. Matthew E. Smith
University of Florida, Gainesville, FL
- Bachelor of Arts in Biology: August 2012 – May 2016
Minor in Sociology
Advisor: Dr. Delbert Hutchinson
Whitman College, Walla Walla, WA

Honor and Awards

- Academic Scholarship, Ministry of Science and Technology, Royal Thai Government (full tuition and stipend): May 2012 – Present
- The Grinter Graduate School Fellowship (\$4000 per year): August 2018 – Present
- Member of the Golden Key International Honour Society: February 2017 – Present
- Society of Systematic Biologists Graduate Student Research (\$3000): February 2020
- Plant Pathology Graduate Student Organization (UF) Travel Award (\$200): August 2019
- The F.A. Wood Memorial Travel Award, University of Florida (\$690): August 2018
- Graduate Student Council Travel Award, University of Florida (\$350): July 2017

Peer-reviewed Publications

- **Kraitudomsook N.**, Healy R.A., and Smith M.E. 2021. Molecular systematics and taxonomic overview of the bird's nest fungi (Nidulariaceae). *Fungal Biology* (in review).
- **Kraitudomsook N.**, Healy R.A., Pfister D.H., Truong C., Nouhra E., Kuhar F., Mujic A.B., Trappe J.M., and Smith M.E. 2019. Resurrecting the genus *Geomorium*: Systematic study of fungi in the genera *Underwoodia* and *Gymnohydnotrya* (Pezizales) with the description of three new South American species. *Persoonia* 44: 98-112.
- **Kraitudomsook N.**, Healy R.A., Mujic A.B., Pfister D.H., Nouhra E., and Smith M.E. 2019. Systematic study of truffles in the genus *Ruhlandiella* with the description of two new species from Patagonia. *Mycologia* 111(3): 477-492.
- Grupe II A.C., **Kraitudomsook N.**, Healy R.A., Zelmanovich D.*, Anderson C.*, Guevara G., Trappe J., and Smith M.E. 2019. A new species and a new combination of truffle-like fungi in the *Geopora-Tricharina* lineage from North America: *Terracavicola echinospora* gen. et sp. nov. and *Geopora lateritia* comb. nov. *Ascomycete.org* 11(2): 37-47. (* = high school students)

Professional Presentations

- **Kraisitudomsook N.** A bird in the nest is worth how many in the family? Systematics and evolution of the bird's nest fungi. Society of Systematic Biologists 2020 Meeting, Gainesville, FL: January 4, 2020 (oral presentation)
- **Kraisitudomsook N.**, Healy R.A., and Smith M.E. Molecular systematics and taxonomic overview of the bird's nest fungi (Nidulariaceae). Mycological Society of America Meeting, Minneapolis, MN: 2019 (poster presentation)
- **Kraisitudomsook N.**, Healy R.A., Pfister D.H., Truong C., Nouhra E., Kuhar F., Mujic A.B., Trappe J.M., and Smith M.E. Resurrecting the genus *Geomorium*: Systematic study of fungi in the genera *Underwoodia* and *Gymnohydnotrya* (Pezizales) with the description of three new South American species. International Mycological Congress, San Juan, PR: 2018 (poster presentation)
- **Kraisitudomsook N.**, Healy R.A., Mujic A.B., Pfister D.H., Nouhra E., and Smith M.E. Systematic study of truffles in the genus *Ruhlandiella* with the description of two new species from Patagonia. Mycological Society of America Meeting, Athens, GA: 2017 (poster presentation)
- **Kraisitudomsook N.** Undergraduate Research Conference: Fungal endophyte diversity in herbaceous desert plants. Whitman College, Walla Walla, WA: May 2016 (oral presentation)

Research Experiences

- Undergraduate Researcher, School of Plant Sciences, University of Arizona, AZ: May - July 2015. Supervisor: Dr. A. Elizabeth Arnold
- Leader of an independent mycology study group, Department of Biology, Whitman College, WA: August - December 2014. Supervisor: Dr. Susanne Altermann
- Intern at the Mycology Lab, National Center for Genetic Engineering and Biotechnology, Bangkok, Thailand: July - August 2013. Supervisor: Thitiya Boonpratuang

Extension and Outreach

- Bird's nest fungi: Charismatic mushrooms in your garden (EDIS PP361), Gainesville: University of Florida Institute of Food and Agricultural Sciences: <https://edis.ifas.ufl.edu/pp361>.
- Invited panelist at the iDigTrio Biological Career Conference & Fair: February 12, 2021. (<https://www.idigtrio.org/2021-speakers-facilitators>)
- Speaker at the NEA Big Read: Fieldwork Fails, Florida Museum of Natural History: September 24, 2020. (<https://www.youtube.com/watch?v=vmpELV2pSm0>)
- Tabling at the 'Ask a Scientist: Not So Scary Science' event, Florida Museum of Natural History: October 27, 2019. (<https://www.floridamuseum.ufl.edu/event/ask-a-scientist/>)

Teaching Experiences

- Guest Lecturer for PLP 4653C (Fungal Biology) University of Florida, Gainesville FL: Fall 2020. Supervisor: Dr. Matthew E. Smith
(<https://plantpath.ifas.ufl.edu/misc/media/SyllabusPLP4653C.pdf>)
- Mentor for an undergraduate intern (Shreya Shah) on the Campus Mycoflora Project, University of Florida, Gainesville, FL: Fall 2019.
- Teaching Assistant for PLP-2060 (Fungus Among Us) University of Florida, Gainesville FL: Spring 2019. Supervisor: Dr. Brantlee Spakes-Richter
(<https://plantpath.ifas.ufl.edu/misc/media/SyllabusPLP2060.pdf>).
- Mentor for a high school student (Colby Anderson) for the 60th University of Florida Student Science Training Program, Gainesville, FL: June-August 2018.
(<https://www.cpet.ufl.edu/students/uf-cpet-summer-programs/student-science-training-program>)

Service and Leadership

- Secretary of the Plant Pathology Graduate Student Organization, University of Florida: August 2019 –Present
- Member of the Florida Academic Lichen and Fungi Enthusiasts League: 2017 - Present
- President of the Thai Student Association, University of Florida: May 2018 – April 2019
- Social Committee Chair of the Plant Pathology Graduate Student Organization, University of Florida: August 2016 – April 2018
- President of the Mycology Club, Whitman College: August 2015 – May 2016