

CHANCHANOK SUDTA

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Ecology, Evolution and Conservation Biology, Department of Biology
University of Nevada, Reno
1664 N Virginia St, Reno, NV 89557

EDUCATION

Current PhD Student in Ecology, Evolution and Conservation Biology

- University of Nevada, Reno, NV Expected May 2023
- Pitzer College, Claremont, CA Graduated May 2018

HONORS AND AWARDS

- Receive a GSA Research Grant (\$1800) from University of Nevada, Reno Jul. 2020 - Jun. 2021
- Receive a Graduate IM Access Grant (\$1000/ year) from University of Nevada, Reno Aug. 2019 - Present
- Receive a graduate teaching assistantship from Department of Biology, University of Nevada, Reno to teach introductory biology lab course Aug. 2018 - Present
- Receive a full scholarship from the Royal Thai Government to study Biology through the doctoral degree in the United States of America May 2013 - Present
- Received Pitzer Internship Fund (PIF) for summer research (\$2,100) May 2017
- Received an academic fellowship from the Keck Science Department for summer research in Costa Rica (\$4,000) May 2016

RESEARCH EXPERIENCE

- Graduate Researcher, EECB Program, University of Nevada, Reno, NV** Nov. 2018 - Present
 - Ongoing research focusing on caterpillar dietary specialization
 - Research under Dr. Lee Dyer
- Undergraduate Researcher, Keck Science Department, Claremont, CA** May 2017 - May 2018
 - Conducted research with Dr. David Smith and Anya Krause on patterns of natural selection and species interactions across climatic and plant genetic gradients
- Undergraduate Researcher, Firestone Center of Restoration Ecology, Costa Rica** May - Jul. 2016
 - Conducted research with Dr. Donald McFarlane on quantitative analysis of Nymphalid butterfly dispersal at the Firestone Reserve
 - Completed eight weeks of field work in southwestern Costa Rica
 - Trained in wildlife camera trapping techniques and butterfly identification
- Undergraduate Researcher, Khon Kaen University, Thailand** June - Jul. 2015
 - Collected samples of aquatic insects at Nam Phong Stream, identified aquatic insects and gained field work experience in stream ecosystem
 - Supervised by Dr. Narumon Sangpradub, Khon Kaen University, Thailand

TEACHING EXPERIENCE

- Graduate Teaching Assistant, Department of Biology, UNR, Reno, NV** Aug. 2018 - Present
 - Principle of Biological Investigation. Graduate teaching assistant as a lab instructor
 - Head teaching assistant (Fall 2020-Spring 2021)
- Teaching Assistant, W.M. Keck Science Department, Claremont, CA** Sept. 2016 - May 2018
 - Introductory Biology Laboratory Course
 - Applied Ecology and Conservation Biology Lab
- Tutor, W.M. Keck Science Department, Claremont, CA**
 - Introductory Biology Tutor Sept. 2016 - May 2018
 - General Chemistry Tutor Sept. 2016 - May 2017
- Tutor, Claremont After-School Program (CLASP), Claremont, CA** Jan. - Dec. 2015
 - Voluntarily helped fifth and sixth grade-students from local high school with their assignments in various subjects such as English, mathematics, science and history

LEADERSHIP/OUTREACH EXPERIENCE

Student Committee, EECB Program, UNR, Reno, NV

- Diversity committee, organize spaces and events for underrepresented students Aug. 2020 - Present
- Outreach coordinator, helped organize outreach activities at least 2 events a year Aug. 2019 - Jul. 2020

Graduate Student Leader, Earthwatch Project, Costa Rica

- Facilitated Earthwatch volunteers on the Climate Change and Caterpillars project led by Dr. Lee Dyer Dec. 2019 - Jan. 2020

Leader, New International Student and Orientation, Claremont Colleges, CA

- Voluntarily helped the International Place of Claremont during the orientation. Aug. 2017
- Mentored new international students in the 2017-2018 academic year

Coordinator, International Festival 2016-2017, Claremont, CA

- Voluntarily helped the International Place of Claremont Colleges organize the International Festival and a country booth, Thailand Mar. 2016 - Mar. 2017

Guide, International Mathematical Olympiad (IMO) 2015, Chiang Mai, Thailand

- Voluntarily helped foreign participants understand Thai language and Thai cultures Jul. 2015

Facilitator, Place Matter Workshop, Claremont and Sun Valley, CA

- Organized and facilitated a series workshops to raise awareness in regard of health inequality and living condition to local communities, including students at the Claremont Colleges and Thai seniors at Palm Village Senior Housing. Mar. - Apr. 2015

CONFERENCE/ PRESENTATION

Speaker, the Regional LIASE Conference, Whittier College, CA

- Gave a presentation on Environmental Chemistry Collaboration with the National University of Malaysia Apr. 2018
- Presented with Prof. Katie Purvis-Roberts, Emma Su, Emma Stacey, and Lude Rong from the Claremont Colleges, CA

PUBLICATION

- **Sudta C**, Salcido DM, Forister ML, Walla T, Villamarín-Cortez S, Dyer LA. 2020 Nov 27. Jack-of-all-trades paradigm meets long-term data: generalist herbivores are more widespread and locally less abundant. bioRxiv.:2020.11.27.401778. doi:[10.1101/2020.11.27.401778](https://doi.org/10.1101/2020.11.27.401778). (submitted)
- Book chapter:
Danielle M. Salcido, **Chanchanok Sudta**, Lee A. Dyer; Plant-caterpillar-parasitoid natural history studies over decades and across large geographic gradients provide insight into specialization, interaction diversity, and global change; In Caterpillars in the middle: tritrophic interactions in a changing world, Springer Publisher (submitted)

TECHNICAL SKILLS

- Scientific skills: Gel electrophoresis, PCR, extraction, column chromatography, titration, and ecological fieldwork skills (e.g., behavioral observation and wildlife camera trapping), biostatistics
- Programming languages: R, MATLAB, Unix, and Python
- Computer skills: Microsoft Office and Adobe Photoshop

LANGUAGES

- Thai: Native Speaker
- English: Highly proficient near native speakers