

Sophia Nguyen Chau

Center for Systems Integration & Sustainability
Michigan State University
1405 South Harrison Road
East Lansing, MI 48823

chausoph@msu.edu
c: 971-325-7300
sophianchau.wordpress.com

Education

2017-present Ph.D. in Fisheries & Wildlife, Michigan State University (Advisor: Jianguo 'Jack' Liu)
2013-2017 B.S. in Environmental Sciences, *Cum laude*, University of Notre Dame

Publications

Chau, S.N., Hellmann, J.J., Grundel, R., and Bristow, L. Karner blue butterfly adult resource use at Sandhill Wildlife Area, WI. [in preparation]

Javeline, D. and **S.N. Chau** (2017), "Adaptation of Ecosystems in the Anthropocene," in Carina H. Keskitalo and Benjamin Preston (eds.), *Research Handbook on Climate Change Adaptation Policy*, Edward Elgar Publishing. (invited book chapter) [in review]

Presentations

- 2017 **Chau, S.N.** What's Blooming in the Cold Air Pool? George Melendez Wright Young Leaders in Climate Change Symposium. NPS Climate Change Response Program Headquarters. Fort Collins, Colorado.
- 2017 **Chau, S. N.**, Hellmann, J.J., Grundel, R., and Bristow, L. Karner Blue Butterfly Adult Resource Use at Sandhill Wildlife Area, WI. Karner Recovery Team Annual Meeting. Web Conference Call.
- 2017 **Chau, S.N.** Adapting to Climate Change: From Butterfly Fields to Urban Centers. Prospective Graduate Student Week, Michigan State University.
- 2016 **Chau, S.N.** Field Study to Inform Biological Conservation: Resource tradeoffs of the endangered Karner blue butterfly. College of Science Fall Undergraduate Research Fair, University of Notre Dame.
- 2016 **Chau, S.N.** Individual-based Simulation Modeling to Predict Karner Blue Butterfly Resource Quality Tradeoffs. College of Science Joint Annual Meeting, University of Notre Dame.
- 2016 **Chau, S.N.** Urbanization of Lakeshores: Are we decreasing the supply of food to inland fisheries? Midwest Ecology and Evolution Conference, Miami University, Oxford, Ohio.
- 2015 **Chau, S.N.** Unlocking Global Climate Adaptation Solutions: Country resilience index to inform decision-making. College of Science Joint Annual Meeting, University of Notre Dame.

Work Experience

- 2017 *George Melendez Wright Young Leaders in Climate Change Initiative intern*, Devils Postpile National Monument, National Park Service, Mammoth Lakes, California
- 2015-2017 *Undergraduate researcher*, College of Science, University of Notre Dame
- 2014-2015 *Intern*, Notre Dame Global Adaptation Initiative
- 2015 *Summer research intern*, University of Notre Dame Environmental Research Center

Honors and Awards

- 2017-2022 National Science Foundation Graduate Research Fellowship Program Awardee
- 2017-2022 Michigan State University Distinguished Fellow
- 2016 Summer Undergraduate Research Fellow, University of Notre Dame (funding from Clare Boothe Luce Undergraduate Research Scholar Program) \$6500
- 2016 Academic Conference Presentation Grant, Flatley Center for Undergraduate Scholarly Engagement, University of Notre Dame \$500
- 2014-2017 Dean's List (top 30% GPA in college), College of Science, University of Notre Dame

Teaching, Outreach and Service

- 2017 *Teaching assistant*, Sustainability Principles and Practices, University of Notre Dame
- 2016 *Teaching assistant*, Solutions: Science, Politics, and Saving the Planet, University of Notre Dame
- 2016 *Outreach mentor*, Robinson Community Learning Center, South Bend, Indiana as part of Notre Dame Galapagos Study Abroad Program
- 2016 *Teaching assistant*, Biostatistics Laboratory, University of Notre Dame
- 2016 *Judge*, Northern Indiana Regional Science & Engineering Fair, University of Notre Dame
- 2014 *Outreach intern*, Environmental Education Outreach Program, Tualatin Hills Park and Recreation District, Beaverton, Oregon
- 2014 *Mentor*, Take-Ten Nonviolent Problem-Solving Program, Robinson Community Learning Center, South Bend, Indiana