

Able Chow

Curriculum Vitae

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Department of Entomology, 404 Life Sciences Building
Louisiana State University, Baton Rouge, LA 70803
Email: achow4@agcenter.lsu.edu

Education

B.S. Entomology, University of Florida, Gainesville, FL **Fall 2014 - Spring 2018**

M.Sc. Entomology, Louisiana State University, Baton Rouge, LA **Fall 2018 - present**

Research Experience

Lab Research

Investigating Color as a morphological character in Buprestidae (NSF Funded Project) **August 2018 – present**
Graduate Research Assistant, Principle Investigator: Dr. Nathan P. Lord, Lord Lab, Louisiana State University

Developing Identification Tools for *Anastrepha* fruit fly larva (USDA Funded Project) **August 2017 – Fall 2018**
Slide preparator, Supervisor: Dr. Gary G. Steck, Florida Department of Agriculture and Consumer Services

Undergraduate Research Project, Firefly flash pattern analysis project **Fall 2016 – Fall 2018**
Undergraduate Research Assistant, Supervisor: Dr. Marc A. Branham, Insect Systematics and Behavior Lab, University of Florida

Museum Research

Museum National d'Histoire Naturelle, Paris, France (October 2019)

National Museum, Prague, Czech Republic (October 2019)

California State Arthropod collection, Sacramento, USA (July 2019)

California Academy of Sciences, San Francisco, USA (July 2019)

Field work

Field trip to collect insects in **Idlewild Research Station, LA. U.S.** (June. 2019 – present)

Field trip to collect insects in **St. Francisville, LA. U.S.** (March. 2019 - present)

Field trip to collect insects in **Rosedale, LA. U.S.** (March. 2019 – April 2019)

Conference Participations

Entomological Society of America Annual Meeting 2019

Entomological Society of America Annual Meeting 2018

Entomological Society of America Southeastern Branch Conference 2017

International Firefly Symposium 2017, Taipei, Taiwan

Entomological Society of America Annual Meeting 2017, Denver, Colorado

Professional Presentations

Poster Presentations

Chow, A., & Lord, P. (2018 October). The Physics, Biology, and Evolution of Cuticular Iridescence in Jewel Beetles.

9th Annual LSU Entomology Department Graduate Student Symposium

Chow, A., Branham, M., & Keller, O. (2017 April). Developing a Data Pipeline (workflow) to Digitally Record and Analyze

Firefly Flash Patterns. **International Firefly Symposium, Taipei, Taiwan.**

Oral Presentations

Chow, A., & Lord, P. (2019 November). Jewels of iridescence: Mechanisms of structural color and implications for taxonomy. **Entomological Society of America Annual Meeting 2019, St. Louis, Missouri**

Chow, A., & Lord, P. (2019 October). When Color Science meets Taxonomy: Revision of subgenus

Chrooxantha Holyński, 2009. **10th Annual LSU Entomology Department Graduate Student Symposium**

Departmental seminars

Chow, A., & Lord, P. (2019 September). Iridescent characters: a taxonomic revision of subgenus *Chrooxantha* (Coleoptera: Buprestidae: *Chrysochroa*). **Department of Entomology, Louisiana State University**

Scholarship and Awards:

2019. Graduate Student Association Travel Award, Graduate School, Louisiana State University (\$200). November

Extension Articles

Chow, A., Reagan, T., Huval, F., Carlton, C., *Photinus pyralis*, Big Dipper Firefly (Coleoptera: Lampyridae), Bug Biz Series, LSU AgCenter Publication, Louisiana State University. 2020. [Link](#)

Chow, A., Reagan, T., Huval, F., Carlton, C., *Pyroactomena* spp., Spring Fireflies (Coleoptera: Lampyridae), Bug Biz Series, LSU AgCenter Publication, Louisiana State University. 2020. [Link](#)

Extension and Outreach activities

2020. Assisted in the production of the 4-H University Insect Identification Contest for Louisiana for an on-line format. Baton Rouge, LA. June 25th

2019. Volunteer at Night at the Museum, at the Louisiana State Arthropod Museum, Baton Rouge, LA. September 19th

2019. Volunteer for AgMagic, 2019 at the Parker Coliseum in LSU, Baton Rouge, LA. April

2015 & 2017 Student Volunteer at University of Florida Department of Entomology outreach booth, Florida State Fair