

Curriculum Vitae

John So

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EDUCATION

- University of California, Riverside** **September 2020 - Present**
Master of Science in Entomology (Expected June 2022)
- University of California, Davis** **September 2013 - June 2017**
Bachelor of Science in Entomology

RESEARCH EXPERIENCE

- University of California, Riverside** **August 2020 – Present**
Graduate Student Researcher
- Conducted research projects in Urban Entomology under guidance of Dr. Chow-Yang Lee
 - Independently carried out experiments for thesis relating to potential insecticidal compounds against *Blattella germanica*
 - Maintained insect colonies through routine cleaning and monitoring

- Marrone Bio Innovations Davis, CA** **August 2017 – July 2020**
Assistant Research Scientist I-III
- Interviewed and assessed potential internship candidates
 - Trained newly hired interns and supervised over intern duties
 - Designed and developed various bioassays for testing of agricultural products on insect pests
 - Promptly reviewed data and released to appropriate teams
 - Collaborated with other R&D departments to efficiently carry out required testing
 - Authored multiple SOPs required for bioassay and colony rearing procedures

- Marrone Bio Innovations Davis, CA** **October 2016 – August 2017**
Student Intern
- Assisted scientists with experimental bioassays in both Entomology and Nematology departments through preparation work
 - Assisted in setting up and collecting data from experiments
 - Maintained various insect colonies and monitored plant health in greenhouse and laboratory
 - Maintained general laboratory and cleanliness

- Bohart Museum of Entomology Davis, CA** **April 2015 – July 2017**
Student Employee
- Worked on various projects to assist in laboratory research goals
 - Research Project: CalBug funded by NSF

- Databased California insects within the collection onto an online system
- Research Project: Tardigrade Project Funded by NSF
 - Databased ~25,000 tardigrade specimens in the collection as a team
 - Updated any required taxonomic changes through online research
 - Collaborated with Fresno City College to upload detailed pictures of the tardigrades
 - Developed a slide remounting technique for a permanent mounting medium including specimen staining

PUBLICATIONS

- So, J, D.-H. Choe, M. K. Rust, and C.-Y. Lee. Sodium selenate, a potential inorganic bait toxicant against the German cockroach, *Blattella germanica* (Blattodea: Ectobiidae) (In Preparation)

PRESENTATIONS

- A potential inorganic bait toxicant against the German cockroach, *Blattella germanica* (L.) Entomological Society of America National Conference, Denver, Colorado, November 1, 2021
- Evaluation of Three Selenium Compounds on German Cockroach Mortality 30th UCR Urban Pest Management Conference, March 22-24, 2021 (Online poster presentation)

AWARDS

- US Navy Health Services Collegiate Program – 2021
- Carl Strom / Western Exterminator Scholarship – 2021
- Entomology Department Fellowship Award – 2020

SKILLS

- Statistical analysis (PoloPlus, SPSS, R)
- Toxicological bioassays
- Insect histological procedures
- Behavioral bioassays (Ethovision XT)
- Insect colony maintenance

REFERENCES

Dr. Chow-Yang Lee

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Professor and Endowed Chair in Urban Entomology
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Cole Pearson

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Dr. Lynn S. Kimsey

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Bohart Museum of Entomology Director & Professor
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