

Beauchamp Thomas

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Education

August 2016 - Present, Northern Arizona University, Flagstaff, AZ
MS Degree, Biology

Fall 2012 - May 2016, Michigan State University, East Lansing, MI
BS Degree, Entomology
Cumulative GPA: 3.36

Fall 2008 to Spring 2012, International School of Kenya, Nairobi, Kenya
(International school located in Nairobi, Kenya that focuses on teaching in the *International Baccalaureate* program. Many of the students are children of embassy workers from around the world)

Relevant Coursework

Graduate Biology Courses (NAU)

BIO 573: Field Ecology

BIO 795: Internship in College Teaching

Undergraduate Entomology Courses (MSU)

ENT 215: Pests, Society and Environment

ENT 470: General Nematology

ENT 404: Fundamentals of Entomology

ENT 410: Apiculture and Pollination

ENT 812: Spider Biology

ENT 477: Pesticides in Pest Management

ENT 460: Medical Entomology

CSP7BVN: Sustainable Tropical Agriculture Systems

ENT 812: Forensic Applications of the Necrobiome

Other Undergraduate Courses (MSU)

JPN 101: Elementary Japanese 1

JPN 102: Elementary Japanese 2

JPN 201: Second Year Japanese 1

CEM 383: Physical Chemistry

Research Experience and Employment

August 2016 – Current. Teaching Assistant for BIO 181: Unity of Life 1 – Northern Arizona University.

Duties:

Teaching students about introductory biology from cells to photosynthesis.

May 2016 - July 2016. Databaser in the Holistic Insect Systematic Laboratory (PI: Anthony Cognato).

Duties:

Databasing of North American Lepidoptera specimens into Symbiota.

August 2015- May 2016. Intern in the Holistic Insect Systematic Laboratory (PI: Anthony Cognato).

Research activities.

Identification of ~500 Michigan beetle specimens to family.

Identification of Michigan minute fungus beetles (Ciidae) to species.

Manuscript preparation of “Minute Fungus Beetles (Ciidae) of Michigan”.

June 2015 - July 2016, Laboratory Assistant, Michigan State University, Inter-Regional Research Project number 4, Lansing, MI

Research activities.

Preparation of Sample of Dinotefuran for Analysis in pesticide residue studies.

Laboratory Maintenance

Cleaning of glassware.

September 2014 to March 2015 - Laboratory Assistant, Michigan State University, Berry Tree Entomology Lab

Research activities

Identify insects from Japanese Beetle samples for use in pesticide research.

Data collection on prevalence of Japanese Beetles in Agricultural fields.

June 2013 to August 2014 - Undergraduate Laboratory Assistant, Michigan State University, U.S. Forestry Service Lab

Research activities

Data collection from bark samples to determine number of parasitized eggs of Emerald Ash Borer in the wild.

Data collection from Ash Tree peeling to determine the number of parasitized Emerald Ash Borer larvae in the wild.

Input of data from the number of eggs obtained from the colony of Emerald Ash Borer.

Lab Maintenance

Maintenance of colony of Emerald Ash Borer colony for use in biological control tests with *Tetrastichus sp.* and *Oobius sp.*
Washing Dishes.
Sweeping.

July to December 2013 - Undergraduate Laboratory Assistant, Michigan State University, Field Crops Entomology Lab

Research activities.

Collection of Corn Rootworm for research in resistance to pesticides.
Collection of Picnic Beetles for use in Entomology 404: Fundamentals of Entomology.
Collection of data on effectiveness of Round-Up pesticide on Soybean Aphid.

Lab Maintenance

Maintenance of colony of Corn Rootworm for assessment in pesticide resistance.
Cleaning.
Labeling of insect samples.

May to August 2011 - Summer post office, Postal Office of United States Embassy in Kenya

Duties

Providing assistance to customers.
Package delivery.
Mail sorting.

Certifications

Sum 2015 Good Laboratory Practices, Michigan State University, Inter-Regional Research Project number 4, Lansing, MI

Professional Memberships

Fall 2015 to Present Entomological Society of America

Professional Conferences

2015 Entomological Society of America
Minneapolis, Minnesota

Awards

Spring 2016 Department of Entomology Undergraduate Award
Awarded for merit. Based on a reference letter from Anthony Cognato.

Fall 2012- Fall 2015 National Spartan Grant
Awarded at beginning of Fall semester 2012.

2013 Hutson Travel Scholarship, Michigan State University Department of Entomology
Partial support for Study abroad. Awarded for essay.

2012 Hudouma Community Service Award, International School of Kenya, Nairobi Kenya
Awarded for dedication to community service

Extra Curricular Activities

Spring of 2016 - Volunteered at the 2016 Women's Math and Science Day at Michigan State University March 5, 2016 (N=32)

(Represented BugClub at the Women's Math and Science Day)

Duties

_____ Demonstrating to 4 groups of middle school girls how to properly pin insects.

Website: <http://middleschoolgirlsmathscienceday.weebly.com/>

Fall of 2013 to Spring of 2016 - Volunteer at the Michigan State University Bughouse
(Departmental community outreach program focused on teaching children about insects) (On average, 3 hours per month)

Duties:

Handling of Insects

Giving tours to school groups

Website: <http://www.ent.msu.edu/bughouse>

Contact: Bernice Demarco

Phone: 517-353-3891

Email: demarc10@msu.edu

Spring of 2015 to Spring of 2016 - Member of MSU Bug Club

Positions held:

Fall of 2015 to Present - Treasurer

Fall of 2015 to Present - Web Master

Member of MSU Graduate and Undergraduate Entomological Student Society (GUESS)
(Fall of 2012 to Present)

Volunteer Experience

Summer of 2015 to March 2016 - Volunteer at Fenner Nature Center Explore Store
(Fenner Nature Center is an environmental education center located in Lansing, Michigan)

Duties:

Selling of merchandise

Cleaning of Explore Store

Determining the stock of items in inventory
Website: www.mynaturecenter.org

Language Skills

French – Basic Conversational, Simple reading, Simple Writing
Japanese - Basic Conversational, Simple reading, Simple Writing

References

Royal Fader

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