

Lindsey Button

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FORMAL EDUCATION

Simon Fraser University, Burnaby, BC, Canada

Master of Science (M.Sc.) in Biology

2014

- Thesis: "Pollination in highbush blueberry (*Vaccinium corymbosum* L.) and the effects of surrounding landscape on wild bee abundance"
- Team leader for multiple field seasons, involving the supervision of 3 field assistants and constant communication with local growers both for site access as well as progress updates.
- Key skills: Plant and insect species identification, pollination service assessment, analysing agricultural spray records, GIS data entry and analysis, scientific writing, conference presentations, and oral communication and reports to invested industry stakeholders

Queen's University, Kingston, ON, Canada

Bachelor of Science (B.Sc.) Honors in Biology

2010

- Honors Thesis: "Flowers dressing down: reduced flower colour associated with a shift from outcrossing to self-fertilization in a coastal dune plant"
- Thesis research involved extensive field work under challenging conditions in the US and Mexico, and lab work in designing, implementing, and maintaining a greenhouse experiment. This project also gave me experience in writing papers and reports, and giving presentations
- Course work focused on ecology, conservation, and vertebrate life

FURTHER EDUCATION

University of California Davis, Coursera Specialization

Geographic Information Systems (GIS) Specialization

August 2019 – March 2020

- Five Course Specialization / Certificate track at coursera.org
- Courses: 1. *Fundamentals of GIS*; 2. *GIS Data Formats, Design and Quality*; 3. *Geospatial and Environmental Analysis*; 4. *Imagery, Automation, and Applications*; 5. *Geospatial Analysis Project*

WORK EXPERIENCE

University of Nebraska Public Policy Center

Research Specialist

July 2019 - present

Research Coordinator

January 2019 – July 2019

- Design survey instruments
- Collect and analyze data
- Write reports, and present findings that impact state, local and federal policy
- Point person for Tableau (data visualization software), and Qualtrics (online survey tool)
- Facilitate research, coordinate projects and stakeholder involvement processes
- Collaborate and provide exceptional customer service to numerous State agencies
- Assist with endeavors that impact State, local, and Federal policy

People 2.0, Omaha, NE, USA

Associate Product Data Scientist

September 2018 – January 2019

This was a temporary assignment working for TreeHouse Foods Inc.

- Update and Maintain Customer Databases
- Maintain and provide ingredient, product, nutritional, and quality testing information
- Generate technical data sheets and product specifications

Aerotek, Omaha, NE, USA

Quality Assurance Specialist

July - September 2018

This was a temporary assignment working for Phibro Animal Health Corporation.

- Document revision, organization, maintenance, and log upkeep
- Document and SOP updating and formatting

Biobest-USA, McFarland, CA, USA

Bumble Bee Production Manager

October 2014 – February 2018

Biobest is a leading authority in biological pollination and pest control. Biobest produces more than 30 kinds of beneficial insects and mites for biological crop protection, and is best known for the production of bumble bees used world-wide for biological pollination.

My role as bumble bee production manager is to investigate the rearing potential for a species of bumble bee native to western North America.

- Work with R&D and Quality Control for process development and pathology testing
- Networking and Collaborating with government officials, academic institutions, and local land owners for wild bumble bee collections
- Procedure documentation for USA, Canada, and Belgium production facilities
- Obtaining State permits to move and use wild bumble bees
- Working knowledge of bumble bee biology including identification, collection procedures and rearing techniques
- Regular report writing, and detailed data collection, entry, analysis, and management
- Responsible for day to day operations of the production facility for beneficial insects
 - Employee manager, inventory management, office management, Payroll, HR, logistics, purchasing, shipping and receiving, coordinating with contractors for facility repair, improvements, and maintenance.

Simon Fraser University, Burnaby, BC, Canada

Research Assistant

May– October 2014

- Field work in urban parks in Victoria, BC involved working with pollinators and invasive plant species, vegetation species identification, and communicating with the public on a fairly regular basis.
- Writing and reviewing scientific papers

British Columbia Blueberry Council, Abbotsford, BC, Canada

Independent Contract - Principle Investigator

April – October 2013

This was an internationally collaborative research project investigating differences in pollination services in commercial blueberry fields between BC and Oregon. The initial purpose of the project was to address concerns presented by numerous blueberry growers regarding pollination of relatively new cultivars of blueberry. I developed, proposed, received funding for, and conducted all field work, analyses, and report writing on this project.

- Established a collaborative network of blueberry growers in the United States (Oregon) and Canada (BC) to participate in the project
- Budgeted all project expenses including but not limited to travel, equipment, and salary
- Proposed project to the BC Blueberry Council as an independent contractor
- Assisted in applying for external funding from government agencies
- Hired, trained, and supervised one field assistant
- Performed all data collection, data entry, logistics, and data organization tasks
- Conducted all analyses, wrote all technical reports and communicated results to stakeholders
- Upon completion I was able to provide recommendations to the BC Blueberry Council as to how local BC Blueberry growers may be able to increase their crop yields

Simon Fraser University, Burnaby, BC, Canada

Teaching Assistant

September 2011 – December 2013

I taught the lab portions of this course three times; 2011, 2012, and 2013 (Fall semester). In all cases was requested and re-appointed by the course instructor.

- Two lab sections. Each lab contained approximately 15-20 students, with 30 students per course.
- The first two times I ran this lab class I was supervised by Dr. Elizabeth Elle. The third time I was supervised by Nicole Tunbridge.
- Key tasks included: Engaging students in the course material, Lab logistics, Leading discussions and lab activities, and Marking

Queen's University, Kingston, ON, Canada

Field Assistant

Summer 2009

- Field work was conducted for two months in the United States (California and Oregon) and Mexico (Baja)
- Lab follow up conducted in Ontario
- Maintained detailed written recordings of observations made in the field
- Entered data, created and maintained databases and organized collected samples
- Drafted state parks permit applications and contacted and collaborated with California Parks district ecologists for collection approval and site access

PROFESSIONAL SKILLS

Communication and Collaboration

- Skilled in teamwork and communication with both internal and external partners
- Experienced collaborator with local, state, and federal government partners, as well as private industry, non-profits, and academic institutions
- Able to communicate complex ideas to a wide range of audiences
- Numerous academic publications and academic and stakeholder presentations (list available upon request)
- Excellent customer service record

Computational

- Statistical software; R, SAS, JMP
- Arc GIS mapping and spatial analysis software and associated GPS hardware
- Adobe Acrobat and Adobe Photoshop image manipulation software
- ImageJ software for scientific measurements of photo imagery
- Microsoft office (Word, Excel, PowerPoint) and other software
- Qualtrics online survey tool
- Tableau interactive data visualization software

Management and Organization

- Supervised 1-3 field assistants in the summers of 2011, 2012, and 2013
- Worked logistics for research projects involving 26 separate field locations, as well as for an international project in 2013
- Manage and organize raw data collection and entry with each field season
- Communication with 19 growers on a regular basis for field access and progress updates

Safety

- Full WHIMIS training
- First Aid experience having been certified in Standard First Aid - CPR-C and utilizing qualifications as a lifeguard for 5 years (2004-2010) and First Aid point person at Biobest (2014-2018)

LICENSES

Nebraska Driver's License – Class O