

Adrien MAUDUIT

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OBJECTIVE

A job position in the field of ecology or environmental sciences in a research center or a company where high motivation and strong experience would be needed. Also looking for teaching or assistantship position (French, life and earth sciences, personal development through sports)

SUMMARY

Highly motivated, committed and creative MSc. graduate in the agricultural and environment program. Five-year specialization in the domain of agro-ecology, ecology and ecosystems, water research, in addition to soil and landscape management. Strong, extensive experience and experimental skills in biological and environmental sciences as well as excellent written / communication abilities in both English and French. Relevant experience in student tutoring.

AREAS OF EXPERTISE AND ACCOMPLISHMENTS

- **Co-wrote** '*First record of Bracon lissogaster (Hymenoptera: Braconidae) in Canada – a potentially important parasitoid of Cephus cinctus (Hymenoptera: Cephidae) in the prairies*', a published scientific paper (Biocontrol Science and Technology N° 3 March 2012, Vol. 22, p.367-369).
- **Conducted a very comprehensive one-year research novel study** on arthropod predators of *Plutella xylostella* in Canadian canola-cropping systems, **leading to a publication submission**
- **Created a computerized decision-making process** capable of helping local farmers modify their agricultural practices to avoid erosion, promote biodiversity on their lands and be in compliance with community and State policies.
- **Passed the Veterinary and Agronomy examinations** after advanced training
- **Tutored and chaperoned students** (English, biology, personal development)

PROFESSIONAL EXPERIENCE

2013 – Present **Chaperoned French students for an exchange (Denmark)**
Employed at Collège Saint-Marie la Grand' Grange (Saint-Chamond, Loire, France) for a week.
Helped the French student to create relationships with their Danish counterparts and chaperoned them through sports and survival camps

- 2012 - 2013 **Volunteered for 2nd Baptist Church, Redlands, California (USA)**
 Helped set up and organize services, helped with the chores and the choir for 3 months. Helped with the kid's church education.
- 2012 – 2013 **Worked as a substitute teacher, L'Isle d'Abeau, France**
 Taught English to 7th-graders and helped with student's homework and projects for 3 months. Acquired relevant experience in education and tutoring at Collège Robert Doisneau, L'Isle d'Abeau (Isère)
- 2011 - 2012 **University of Alberta in collaboration with Agriculture and Agri-Food Canada (AAFC) at Lethbridge Research Center (Alberta, Canada)**
 Employee at Lethbridge Research center as part of a paid six-month internship (Thesis for the end of the master's degree in France).
 Designed and conducted my own study, field experiment, lab work, data collection and analysis. Supervised a summer student that assisted me.
 Research project and soon-to-be published peer-reviewed article: '*The benefits of arthropod biodiversity in canola: predation on diamondback moth (Plutella xylostella) in canola-cropping systems of south Alberta*' (expected 2013)
- 2009 – 2011 **ACADOMIA, Amiens (Somme, France)**
 Provided home tutoring to high school students in biology and English.
 Provided two-hour biology and English tutoring to high school students, three times per week, for two years.
- 2009 – 2010 **Agriculture and Agri-Food Canada (AAFC), Lethbridge Research Center (Alberta, Canada)**
 Served a two-month internship with AAFC as a laboratory technician assistant for Integrated Pest Management. Conducted field experiments, lab work, data collection and analysis, leading to a peer-reviewed publication that I co-wrote (Biocontrol Science and Technology)
- 2008 – 2009 **SCEA 'La Chèvre', Dampierre-sous-Bouhy, (Nièvre, France)**
 Served a two-month internship on a farm as an employee and technical assistant. Performed agricultural (crop) and breeding (cows, goats and diary farm) work.
- 2008 **Worked as a secretary and assistant for the French High School Diploma Examinations (Reims, France)**
 Sorted and ordered the examination sheets for the department of Marne, participated in the jury decision meetings and took the minutes (1 month)

PUBLICATIONS

Co-wrote '*First record of Bracon lissogaster (Hymenoptera: Braconidae) in Canada – a potentially important parasitoid of Cephus cinctus (Hymenoptera: Cephidae) in the prairies*', a published scientific paper (Biocontrol Science and Technology N° 3 March 2012, Vol 22, p.367-369).

EDUCATION AND TRAINING

2009 – 2012 **MSc. degree at LaSalle Beauvais Polytechnical Institute** (five-year graduate school, France) with a major in agriculture and a specialization in agro-ecology, ecosystems and ecology, water science, soil science and landscape management (three years of comprised B.S. degree, two years of MSc. degree)

- Passed ESL TOEIC English level test with 905/1000
- Finished fifth year semester finals with 3.65 GPA
- Worked on a project to find suitable agro-ecological solutions for farmers and communities to address erosion of arable land, loss of biodiversity and habitat and water quality issues. Conducted field research and set up a decision-making process.
- Worked on a remote sensing project designed to assess the impact of the local agricultural practices on streams, landscape and ecosystems in order to improve them. (Biotic and abiotic indicators)

2009 **Passed French national veterinary and agronomy examinations**

- 100% in Biology and 75% in geology

2007-2009 Two-year State sponsored advanced training class in Biology, Chemistry, Physics, Mathematics and geology ('**BCPST**' at Lycée Clémenceau, Reims, France).

- Conducted a project to assess human impact at the region scale as it relates to pollen change in peat cylindrical samples.
- Received a special training for oral presentations and science dissertations
- Very condensed and comprehensive courses (51 hours of class plus at least 30 hours of personal study per week)

2007 **Passed High School Diploma with distinction (specialized in life and earth sciences)**

- Passed with 80% upwards

TECHNICAL SKILLS AND OTHER EXPERIENCES

- Fluent in French, English and knowledge of German (Zertificat Deutsch certificate)
- Animated courses and tutoring lessons on English pronunciation and different accents
- IT skills: 2007 and 2010 Microsoft Office pack, statistics (SAS, SYSTAT), GIS software (ArcGIS), Internet
- Former secretary for LaSalle's exotic plants association
- Former member of a carnivorous plants association ('La Champagne Carnivore') and participated in carnivorous plants conservation programs (ecosystem maintenance, plant reintroduction and monitoring). Relevant experience in plant physiology
- Communication and design manager for LaSalle's Gala association
- Communication and design manager for the 'Predators de Beauvais' (American Football team)
- Excellent knowledge in bird, plant, mushroom and animal identification (Europe)

INTERESTS

- American football, played as Cornerback, Wide Receiver and Running Back, coached defensive backs for the 'Predators de Beauvais'
- Gym training, table tennis, badminton, tennis and hiking
- Passion for nature, birds, plants...
- Carnivorous plants and wetlands (recreated an artificial peat bog with carnivorous and aquatic plants)
- Outdoor activities
- Education, tutoring, along with personal development