

Stacey Streng, Ph.D.

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Objective:	To obtain the position of Insect Collection Manager at the prestigious Field Museum of Natural History.
Experience:	<p>Earthwatch Expedition, Mercantour, France July-August 2014 Expedition Volunteer: Duties included helping researchers with measuring, tagging, and assisting in the discovery of a new species of spider, <i>Troglocheles lanai</i>.</p> <p>University of Minnesota Insect Collection (UMSP) September 2010-2014 Responsible for curation, identification, and specimen data management of Trichoptera and other insect orders, supervision of undergraduate student workers, and specimen database management. Additional duties include writing and developing grants which fund the Entomology Department.</p>
Education:	<p>University of Minnesota, Minneapolis, MN MBA Business Management GPA 4.0 September 2008-August 2010 Relevant coursework: Accounting, Finance, Marketing, Computer Science, Applied Economics, Information and Decision Sciences, Sociology, Strategic Management, Domestic and International Law.</p> <p>University of Minnesota, Falcon Heights, MN MA Biology and PhD Entomology GPA 4.0 September 2002-August 2009 Relevant coursework: Ecology and Evolution, Plant and Animal Physiology, Biology Seminar, Chemistry, Organic Chemistry I, Organic Chemistry II, Genetics, The Galapagos Islands and Ecuador in Transition, Animal Behavior, Invertebrate Biology.</p> <p>University of Minnesota Itasca Biological Field Station June-July 2008 Relevant coursework: Aquatic Entomology, Animal Telemetry, Field Ornithology, Entomology Photography.</p> <p>University of Oregon: Oregon Institute of Marine Biology August 2007 Relevant coursework: Coastal Ecology.</p>
Skills:	<p>Field collection expertise: Canopy fogging, light-traps, Malaise traps, flight interception, pan traps, aspiration, Berlese funnels, emergence traps, aerial nets, surber sampler, kick net, aquatic nets, drift nets; field data recording, pinning, and labeling.</p> <p>Processing of specimens (sorting, spreading, double-mounting, pointing, alcohol preservation, data labeling, specimen bar-coding), micro-dissection techniques (removal of genitalia, lactic acid/KOH clearing, staining), preparing specimens for shipping, accessions.</p> <p>Specimen database management: Responsible for maintaining the UMSP Trichoptera Holdings Online Biota Database with over 500,000 specimens, authored online database tutorial, geo-referencing, iMap mapping software.</p> <p>Specimen imaging & illustration: Scientific illustration using camera lucida, optical grid, Adobe Illustrator & Photoshop, Leica microscopic photography, Auto-montage 3D imaging and SEM</p>

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September 10, 20XX

The Field Museum
Attn: Human Resources
1400 South Lake Shore Drive
Chicago, IL 60605

To Whom It May Concern:

The Field Museum has one of our country's most elaborate collections of insects, and I am writing to express my interest in the Insect Manager position that was posted on Indeed.com. With my in-depth experience in aquatic and native-based entomology, as well as my responsibilities as manager of the University of Minnesota Insect Collection Department, I believe my expertise would be an excellent match for the employee you are seeking.

From collecting butterflies as a young child to being part of the research group who recently discovered a new species of spider, the *Troglocheles lanai*, in France, the study of insects has always been my passion. Working as the department head with other entomologist and students majoring in this field has provided me with a solid foundation in insect research and documentation as well as maintenance and management. I am also the liaison with local school districts to provide hands-on opportunities for primary and secondary students who have a interest for insects.

Because our department collaborates with other universities both here and abroad, my job requires that I know how to process and maintain our insect collection as well as train others to meet mandatory preserving and shipping requirements. Our facility uses the latest technology, and I oversee all technical support concerning the Online Biota Database, which has over 500,000 specimens, and the department's webpage. Additionally, a portion of funding is through the continuous writing and developing grants, and last year I acquired over \$700,000 for our program.

I would like the opportunity to interview with you for the Insect Manager position. Enclosed is my resume, which further details my professional achievements, and a list of my references. I hope to hear from you soon. Thank you for your consideration.

Sincerely,

Stacey Streng, Ph.D.

Enclosure