

CURRICULUM VITAE

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RESEARCH INTERESTS:

I am primarily interested in the influence of environmental factors on parasite infection in aquatic organisms. These include effects on host susceptibility and parasite occurrence, as well as interactive effects of parasitism and stressors on host condition. I am also interested in the roles of parasites in ecosystem dynamics, as well as parasite-induced alterations of host behavior and host anti-parasite behavior.

EDUCATION:

University of Toronto, Toronto, Ontario Doctor of Philosophy in Zoology	2006
University of Toronto, Toronto, Ontario Master of Science in Zoology	2001
University of Toronto, Toronto, Ontario Honors Bachelor of Science (Psychology and Zoology)	1998

PROFESSIONAL EXPERIENCE:

Assistant Professor. <i>Department of Biological Sciences, University of the Pacific</i>	2007 - present
Postdoctoral Researcher: <i>Department of Zoology, University of Otago</i>	2006 - 2007
Teaching Assistant: <i>University of Toronto</i> Vector-borne Parasitic Diseases Introduction to Evolution & Evolutionary Genetics Introduction to Diversity of Organisms Animal Behavior Parasitic Protozoa Parasitic Helminths and Arthropods	1999 - 2006
Research Technician: <i>Department of Medical Biophysics, Sunnybrook and Women's College Health Sciences Centre</i>	2001 - 2002

PUBLICATIONS:

- Koprivnikar, J.**, Forbes, M. R., and R. L. Baker. Growth and development of parasitized and unparasitized amphibian larvae at low and high densities: interactive effects and assessing competitiveness. *Oecologia*. Accepted pending revisions.
- Koprivnikar, J.**, Baker, R. L., and M. R. Forbes. 2007. Environmental factors influencing community composition of gastropods and their trematode parasites in southern Ontario. *Journal of Parasitology* 93(5): 992-998.
- Koprivnikar, J.**, Forbes, M. R., and R. L. Baker. 2007. Contaminant effects on host-parasite interactions: atrazine, frogs and trematodes. *Environmental Toxicology and Chemistry* 26(10): 2166-2170.
- Koprivnikar, J.**, Forbes, M. R., and R. L. Baker. 2006. On the efficacy of anti-parasite behaviour: a case study of tadpole susceptibility to cercariae of *Echinostoma trivolvis*. *Canadian Journal of Zoology* 84(11): 1623-1629.
- Koprivnikar, J.**, Baker, R. L., and M. R. Forbes. 2006. Environmental factors influencing trematode prevalence in grey tree frog (*Hyla versicolor*) tadpoles in southern Ontario. *Journal of Parasitology* 92(5): 997-1001.
- Koprivnikar, J.**, Forbes, M. R., and R. L. Baker. 2006. Effects of atrazine on cercarial longevity, activity, and infectivity. *Journal of Parasitology* 92(2): 306-311.
- Marxen, M., Thornton, M. M., Chiarot, C. B., Klemen, G., **Koprivnikar, J.**, Sled, J. G., and R.M. Henkelman. 2004. MicroCT scanner performance and considerations for vascular specimen imaging. *Medical Physics* 31: 305-313.
- Koprivnikar, J.**, Koehler, A., Rodd, F. H., and S. S. Desser. 2002. Environmental factors affecting the distribution and abundance of cyst-forming *Myxobolus* species and their cyprinid hosts in three lakes in Algonquin Park, Ontario. *Journal of Parasitology* 88(3): 467-473.
- Koprivnikar, J.** and S. S. Desser. 2002. A new form of raabeia-type actinosporean (Myxozoa) from the oligochaete *Uncinaiis uncinata*. *Folia Parasitologica* 49(2): 89-92.

CONTRIBUTED LECTURES:

- Contaminant effects on host-parasite interactions: atrazine, frogs and trematodes (poster). International Congress of Parasitology, Glasgow Scotland. August 2006.
- Environmental factors influencing trematode infection in aquatic gastropods in southern Ontario (oral). Canadian Society of Zoologists, Edmonton AB. May 2006.
- Effects of crowding and trematode parasite infection on fitness of leopard frog (*Rana pipiens*) tadpoles" (oral). Department of Ecology and Evolutionary Biology Research Colloquium, University of Toronto, Toronto ON. March 2006.
- Effects of atrazine on cercarial longevity, activity, and infectivity (oral). Canadian Society of Zoologists, Kingston ON. May 2005.
- Environmental factors influencing trematode prevalence in grey tree frog tadpoles in Southern Ontario (oral). American Society of Parasitologists, Philadelphia PA. July 2004.
- Ecological parameters affecting myxozoan parasites and their hosts in three lakes in Algonquin Park, Ontario (oral). American Society of Parasitologists, Albuquerque NM. June 2001.
- Ecological parameters affecting myxozoan parasites and their hosts in three lakes in Algonquin Park, Ontario" (oral). Ontario Parasitology Club, Toronto, ON. March 2001.