Curriculum vitae

MARTÍN TRESGUERRES

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GRADUATE STUDIES

- Ph. D. candidate at the Department of Biological Sciences, University of Alberta, Edmonton, AB, Canada.
  Date of Candidacy examination: March 24th, 2005 (unconditional pass, exemplary performance).
  Note: The asterisks (*) indicate achievements during the current program at the U of A.

PUBLICATIONS

(1) REFEREED JOURNALS


(2) **BOOK CHAPTERS**


(3) **ABSTRACTS / CONFERENCES**


4- Onken H., Tresguerres M. and Luquet C. (2002). Active NaCl absorption across posterior gills of *Chasmagnathus granulatus*. *Proceedings of the XVII Annual meeting of FeSBE* (Federation of Experimental Biology Societies), Brazil.


(4) MSC THESIS


**INTERNSHIPS / RESEARCH PROJECTS**

**Project:** “Ion transport in the crab *Chasmagnathus granulatus*. Adaptation to extreme salinities changes” (UBACYT X222) January 2001-December 2002. Laboratory of Ion Transport Physiology, Faculty of Science, UBA, Argentina.

**Project:** “Studies about marine zooplankton, with emphasis in South Atlantic and Antarctic Oceans” (UBACYT TX52, X054) December 1999 – April 2002. Laboratory of Invertebrates, Faculty of Science, UBA, Argentina

**Project:** Mackerel (*Scomber japonicus*) Research Campaign (BIP Oca Balda)-INIDEP. August 2000. On board scientist.


**Projects:** “Biology of Patagonic crustaceans with commercial interest”- “Biology of the lobster *Munida subrugosa* in the Beagle Channel” 28 Feb- 16 March 2000. Laboratory of Biology of Crustaceans, CADIC, Tierra del Fuego, Argentina.

**SCHOLARSHIPS**

* Izaak Walton Killam Memorial Scholarship University of Alberta (2005-2007). CAN$ 51 000, plus a research allowance of CAN$ 2000, plus tuition fees. This is the most prestigious award administered by the U. of A.

Awarded to a graduate student in the field of Marine Biology conducting research at the Bamfield Marine Sciences Centre and/or the U. of A. One award each year.


**TRAVEL SCHOLARSHIPS**

* **American Fisheries Society**. 2006. Superior proposal for the *VII Int. Congress on the Biology of Fish, St. John’s, NF, Canada*. (USS 800).


* **J. G. Kaplan Graduate Student Award**. (U. of A.) 2004. *VI Int. Congress on the Biology of Fish, Brazil*. (CAN$ 800).


**AWARDS**

* **Best oral presentation** *VII International Congress on the Biology of Fish, St. John’s, NF, Canada* - Ion and Acid-Base regulation in Fish Symposium (2006).


* **Best poster presentation** *VI International Congress on the Biology of Fish, Manaus, Brazil* - Ion and Acid-Base regulation in Fish Symposium (2004).


**MEMBERSHIPS IN SCIENTIFIC SOCIETIES**

- **Canadian Society of Zoologists** (CSZ) (since 2003).
- **Society of Experimental Biology** (SEB) (since 2004).

**TEACHING EXPERIENCE**


**ADMINISTRATIVE EXPERIENCE**

* **Selection committee**. Graduate student representative at the selection committee for a new Fish Biologist position. U. of A., 2006.
COURSES

* **Biology 545.** Current topics in animal and cell physiology. Fall term 2004. Grade: A+.


* **Basic Molecular Biology Laboratory Techniques Course.** May 2-June 6, 2003. Molecular Biology Service Unit. Dept. of Biological Sciences, University of Alberta.

* **Confocal Laser Scanning Microscopy basic course.** February 26-March 26, 2003. Biological Sciences Microscopy Unit, University of Alberta.

- **Coral Reef Ecology.** 2 - 21 July 2000. Bermuda Biological Station for Research (BBSR), Bermuda. Overall standing: A+ (97%). Scholarship awarded by BBSR & Exxon Corporation

- **Scuba Dive.** Sport Diver CMAS/FAAS. 34 dives (6 with scientific purposes).

OTHER CREATIVE ACHIEVEMENTS

- **Craftsmen. Short story of science in Argentina (in preparation).** Documentary. Approx. 45 minutes. Original idea and script: Gonzalez Portino E. and Tresguerres M.

ATHLETIC INVOLVEMENT

- Member of basketball teams, including City Select team of my hometown (1993), Faculty of Sciences at the University of Buenos Aires team (1995-2001), and University of Buenos Aires team (2001).