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PERSONAL INFORMATION

Born: Kamloops, British Columbia, Canada
Citizenship: Canadian

RESEARCH INTERESTS

Population and community ecology of marine plants, algae and invertebrates

POSITIONS

2003-Present	Northeastern University Postdoctoral Researcher Advisor: Dr. Geoffrey C. Trussell
2002-2003	Brown University Postdoctoral Researcher Advisor: Dr. Mark D. Bertness

EDUCATION

1997-2003 Brown University
Ph.D. Ecology and Evolutionary Biology
“ The Ecology of Northern New England Salt Marshes Plant Communities”
Dissertation Advisor: Dr. Mark D. Bertness

1998-2003 Brown University
Harriet W. Sheridan Center for Teaching and Learning
Teaching Program Certificate

1992-1995 Diego State University
M.S. Ecology
Advisor: Dr. Susan L. Williams
Thesis: Population Growth of Eelgrass (*Zostera marina* L.): The Relative Importance of Sexual versus Asexual Reproduction

1991-1992 Northeastern University
East/West Marine Biology Program

1987-1991 University of British Columbia

B.Sc., Marine Biology (Concentration: Marine Biology / Phycology)
Undergraduate advisor: Dr. Robert DeWreede

1976-1987 Vancouver College Elementary and High School

TEACHING EXPERIENCE

- Spring '03 Marine Benthic Ecology, Northeastern University East/West Marine Biology Program
- Fall '00 Marine Botany (Instructor), Northeastern University, East/West Marine Biology Program
- Spring '00 Ecology (Guest Lecturer) Brown University
- Spring '99 Ecology (Guest Lecturer) Brown University
- Spring '98 Marine Ecology (Teaching Assistant) Brown University
- Fall '97 Marine Invertebrate Zoology (Teaching Assistant and Lab Instructor) Brown University
- Spring '97 Principles of Ecology (Teaching Assistant) Brown University
- Fall '96 Marine Invertebrate Zoology (Teaching Assistant and Lab Instructor) Brown University
- Fall '95 Introduction to Phycology (Teaching Assistant for field course) Northeastern University, East/West Marine Biology
- Fall '95 Diving Research Methods, (Teaching Assistant) Northeastern University, East/West Marine Biology

RESEARCH & ACADEMIC EXPERIENCE

- 1996 Lab Manager, Hawaii Institute of Marine Biology, Coral Reef Algal Turf community Ecology. Drs. Susan L. Williams and Robert Carpenter.
- 1995 Hawaii Institute of Marine Biology Summer Program, Hydrodynamics and Nutrient Cycling on Coral Reefs.
- 1994 Lab Manager, Eelgrass ecology, Dr. Susan L. Williams (S.D.S.U).
- 1993-1994 SeaGrant Traineeship, (S.D.S.U.), Eelgrass Population Genetics
- 1991-1992 Northeastern University (Post-Baccalaureate year) East/West Marine Biology Program
- 1991 Research Assistant, Dr. S. Thornton (University of Manitoba), Benthic Invertebrate and Algal Survey of Lower Hudson Bay. Churchill, Manitoba.
- 1989-1991 Research Assistant, Dr. R. DeWreede (U.B.C.) Algal Ecology. Bamfield Marine Station.

AWARDS & FELLOWSHIPS

- 2001-2002 Brown University Fellowship
- 1997-2000 National Estuarine Research Reserve Fellowship, NOAA (3 years)
- 1996-1997 Brown University Fellowship
- 1996-1998 Bamfield Marine Station Scholarship, Awarded by TeleGlobe Canada
- 1987-1990 C.I.A.U. Track and Field Scholarship (University of British Columbia)

PUBLICATIONS

- Ewanchuk, P. J.** and M. D. Bertness. Recovery of a Northern New England salt marsh plant community from winter icing. *Oecologia In press.*
- Ewanchuk, P. J.** and M. D. Bertness. The role of waterlogging in maintaining forb panes in Northern New England Salt Marshes Ecology. *In press.*
- Trussell, G. C., **P. J. Ewanchuk**, and M. D. Bertness. (2003). Trait-mediated effects in rocky intertidal food chains: Predator risk cues alter prey feeding rates. *Ecology* 84: 629-640.
- Bertness, M. D., G. C Trussell, **P. J. Ewanchuk**, and B. R. Silliman. (2002). Do alternate stable community states exist in the Gulf of Maine rocky intertidal zone? *Ecology* 83: 3434-3448.
- Bertness, M. D. and **P. J. Ewanchuk**. (2002). Latitudinal and climate driven variation in the strength of salt marsh plant competition and facilitation. *Oecologia* 132: 392-401.
- Bertness M. D., **P. J. Ewanchuk**, and B. R. Silliman. (2002). Anthropogenic modification of New England salt marsh landscapes. *Proceedings of the National Academy of Science*. 99: 1395-1398.
- Trussell G. C., **P. J. Ewanchuk**, and M. D. Bertness. (2002). Field evidence of trait-mediated indirect interactions in a rocky intertidal food web. *Ecology Letters* 5: 241-245.
- Ebert, T. A., S. L Williams and **P. J. Ewanchuk**. (2002). Mortality estimates from age distributions: Critique of a method used to study seagrass dynamics. *Limnol. Oceanogr.* 47: 600-603.
- Emery, N. C., **P. J. Ewanchuk**, and M. D. Bertness. 2001. Competition and salt-marsh plant zonation: Stress tolerators may be dominant competitors. *Ecology* 82: 2471-2485
- Amsbery, L., Baker, M. A., **P. J. Ewanchuk**, and M. D. Bertness. 2000. Clonal integration and the expansion of *Phragmites australis*. *Ecological Applications* 10: 1110-1118.

Leonard, G. H., **P. J. Ewanchuk**, and M. D. Bertness. 1999. How recruitment, intraspecific interactions, and predation control species borders in a tidal estuary. *Oecologia* 118:492-502.

Ewanchuk, P. J., and S. L. Williams. 1996. Survival and re-establishment of vegetative fragmentation of eelgrass (*Zostera marina* L.). *Can. J. Bot.* 74: 1584-1590.

Ewanchuk, P. J. 1995. Population growth of eelgrass (*Zostera marina* L.): The relative importance of sexual versus asexual reproduction. MS Thesis. San Diego State University. pp. 149.

DeWreede, R. E., **Ewanchuk, P.**, and F. Shaughnessy. 1992. Wounding, healing and survivorship in three kelp species. *Mar. Ecol. Prog. Ser.* 82: 259-266.

Manuscripts

Bertness, M. D., G. C. Trussell, **P. J. Ewanchuk**, B. R. Silliman, and C. Mullan. Consumer Controlled Alternate Community States on Gulf of Maine Rocky Shores. *In review at Ecology*

Ewanchuk, P. J. The ecology of the salt marsh hemi-parasite *Agalinis maritima*. *In review at American Journal of Botany*.

Ewanchuk, P. J. and M. D. Bertness. Structure and organization of a Northern New England salt marsh plant community. *In review at Journal of Ecology*

Trussell, G. C., **P. J. Ewanchuk**, M. D. Bertness, B. R. Silliman. Predator-induced changes in prey behavior drive a trophic cascade in rocky shore tidepools. *In review at Ecology Letters*

Trussell, G. C. and **P. J. Ewanchuk**. Trait-mediated predator effects on refuge use, feeding rates, and competition in an intertidal snail. *In review at Ecology*

Ewanchuk, P. J. and G. C. Trussell. The role of trait-mediated indirect effects and intra-specific competition in structuring intertidal barnacle communities. *In prep. for Ecology*

Ewanchuk, P. J., Williams, S. L., and T. A. Ebert. Estimating seagrass population growth rates: A demographic model for eelgrass (*Zostera marina*). *In prep. for Oecologia*

PROFESSIONAL ORGANIZATIONS

Ecological Society of America, Society for Conservation Biology, Estuarine Research Federation, Western Society of Naturalists