
Ryan A. Chisholm

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EDUCATION

Princeton University, Princeton, New Jersey

- Ph.D., Ecology and Evolutionary Biology expected May 2010
- M.A., Ecology and Evolutionary Biology 2007

University of Melbourne, Melbourne, Australia

- B.Sc., Mathematics and Statistics (Honors in Botany) 2001 (2004)
 - B.A., German 2001
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EXPERIENCE

Princeton University, Princeton, New Jersey

Sep 2005 - present

- Graduate student: Ph.D. thesis “The ecological and economic impacts of alien invasive species with case studies from the South African Fynbos”, 10 peer-reviewed articles, one single-authored book chapter, one co-authored book chapter
- Teaching assistant: *Statistics for Biology*, *Methods of Mathematical Ecology*, *Biology of Coral Reefs*, *Population and Community Ecology*

University of Cape Town, Cape Town, South Africa

Jul, Aug 2006 - 2009

- Visiting researcher: Field and laboratory research for Ph.D. thesis

Santa Fe Intitute, Santa Fe, New Mexico

Jun 2007

- Participant in Complex Systems Summer School

University of Melbourne, Melbourne, Australia

Oct 2004 - Sep 2005

- Ecologist: Population viability analysis; Development of risk analysis software

Parks and Wildlife Commission of the Northern Territory, Darwin, Australia

May - Oct 2004

- Ecologist: Analysis of extinction risk patterns in Australian mammals

Unico Computer Systems Pty Ltd., Melbourne, Australia

Sep 2001 - Jul 2003

- Computer programmer: Software development for the Telstra telecommunications network

Toggetext Pty Ltd., Melbourne, Australia (part-time)

Dec 2000 - Jul 2001

- Computational linguist: Development of English-to-Indonesian machine-translation software
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AWARDS, FELLOWSHIPS AND GRANTS

- Africa Grand Challenge Research Grant, \$11,910 2008 - 2009
 - David Gardner '69 Research Grant \$14,000 2008 - 2009
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SERVICE

- Reviewer: *Ecology Letters*, *Ecology*, *Proceedings of the Royal Society B*, *Conservation Biology*, *Theoretical Population Biology*, *Landscape Ecology*

- Graduate student government representative: Princeton University 2006 - 2008

- Volunteer tutor in English and Mathematics: Trenton Central High School weekly in 2007
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TECHNICAL SKILLS

- Programming languages: C, C++, Perl, Basic, Prolog, ActionScript, x86 assembly language
 - Software: MATLAB, Mathematica, R, JMP, Excel, PowerPoint, Adobe Flex Builder, LaTeX
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LANGUAGES

- German (fluent), Indonesian (fluent), Spanish (basic), Turkish (basic)