

# ADAM BJORK

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DEPARTMENT OF ECOLOGY AND EVOLUTIONARY BIOLOGY  
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## EDUCATION

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- 2006 **SYRACUSE UNIVERSITY, Syracuse, New York**  
*Ph.D., Department of Biology* Thesis advisor: Dr. Scott Pitnick
- 1998 **GUSTAVUS ADOLPHUS COLLEGE, Saint Peter, Minnesota**  
*Bachelor of Arts, Department of Biology* Advisor: Dr. Robert Bellig

## AWARDS AND FELLOWSHIPS

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- 2007 *Syracuse University Doctoral Prize for Excellence in Scholarship and Research at the Graduate Level*
- 2006-present *NIH Postdoctoral Excellence in Research and Teaching Fellowship, University of Arizona*
- 2005-2006 *Syracuse University Final Year Fellowship*
- 2003-2006 *Co-P.I. (with Scott Pitnick), NSF Grant, Sperm-female coevolution (DEB-0315008)*
- 2002 *Syracuse University Spring and Summer Research Grant*
- 1999-2003 *Syracuse University tuition scholarship and teaching assistantship fellowship*

## PUBLICATIONS

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- Michael Worobey, [Adam Bjork](#) and Joel O. Wertheim. 2007. Point, counterpoint: the evolution of pathogenic viruses and their human hosts. *Annu. Rev. Ecol. Evol. Syst.* 38: 515-540.
- [Adam Bjork](#) and Scott Pitnick. 2007. Adaptive modulation of sperm production rate in *Drosophila bifurca*, a species with giant sperm. *Biology Letters.* 3: 517-519.
- [Adam Bjork](#), William T. Starmer, Dawn M. Higginson, Christopher J. Rhodes and Scott Pitnick. 2007. Complex interactions with females and rival males limit the evolution of sperm offence and defence. *Proc. R. Soc., B.* 274: 1779-1788.
- [Adam Bjork](#) and Scott Pitnick. 2006. Intensity of sexual selection along the anisogamy-isogamy continuum. *Nature.* 441: 742-745. [Accompanying review of this paper: Pizzari, T. 2006. The paradox of sperm leviathans. *Current Biology.* 16: R462-R464.]
- James M. Pattarini, William T. Starmer, [Adam Bjork](#) and Scott Pitnick. 2006. Mechanisms underlying the sperm quality advantage in *Drosophila melanogaster*. *Evolution.* 60: 2064-2080.
- William D. Brown, [Adam Bjork](#), Karen Schneider and Scott Pitnick. 2004. No evidence that polyandry benefits females in *Drosophila melanogaster*. *Evolution.* 58: 1242-1250.

## PRESENTATIONS

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- 2007 *Research talk, EEB Tuesday Seminar Series, University of Arizona*
- 2006 *Dissertation talk, "Postcopulatory sexual selection in Drosophila", Syracuse University*
- 2005 *Poster presentation, Biology of Spermatozoa Conference, Derbyshire, UK*
- 2005 *Research talk, Society for the Study of Evolution Conference, Fairbanks, AK*
- 2005 *Research talk, Biology Graduate Student Lecture Series, Syracuse University*
- 2005 *Invited speaker, Pathways to Knowledge Lecture Series, Syracuse University*
- 2004 *Research talk, Biology Graduate Student Lecture Series, Syracuse University*

## TEACHING EXPERIENCE

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- Spring 2008 *Biology 100, Biology Concepts, Pima Community College, Tucson AZ*
- Spring 2002, 2003 *Biology 424 Comparative Vertebrate Biology, Syracuse University*
- Fall 2001, 2002 *Biology 454 Evolution, Syracuse University*
- Spring 2000, 2001 *Biology 123 Introduction to Biology II, Syracuse University*
- Fall 1999, 2000 *Biology 121 Introduction to Biology I, Syracuse University*
- Spring 1999 *Substitute teacher, Marquette Senior High School, Marquette, MI (3 months, mainly Math Dept.)*

## APPOINTMENTS AND SERVICE

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2005-2006	<b>Member, Ecology and Evolution Faculty Search Committee, Syracuse University</b>
2004-2006	<b>Biology Representative, Graduate Student Organization, Syracuse University</b>
2004	<b>Biology Department Promotion and Tenure Committee, Syracuse University</b>
2002-2004	<b>President, Biology Graduate Student Organization, Syracuse University</b>
2001-2005	<b>Invited and hosted four visiting speakers for the S.U. Biology Department seminar series</b>

## MEMBERSHIP IN PROFESSIONAL SOCIETIES

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Society for the Study of Evolution  
Animal Behavior Society  
American Association for the Advancement of Science

## PEER REVIEWER FOR

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*Behavioral Ecology*  
*Biological Letters (Royal Society)*  
*Evolution*  
*National Science Foundation Postdoctoral Grant (International Research Fellowship Program)*

## RESEARCH EXPERIENCE

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2006-present	<b>NIH PERT Postdoc, University of Arizona</b> Origin and molecular evolution of HIV in the United States Advisor: Dr. Michael Worobey
1999-2006	<b>Graduate research, Syracuse University</b> Evolution of sex differences and reproductive strategies; mechanisms of postcopulatory sexual selection Advisor: Dr. Scott Pitnick
1998	<b>Field assistant, Wallaby Creek, NSW, Australia</b> Evolution of mate choice and courtship display in the Satin Bowerbird ( <i>Ptilonorhynchus violaceus</i> ) P.I.: Dr. Gerald Borgia, University of Maryland
1998	<b>Field assistant, Utah/Wyoming</b> Grazer-plant interactions across rainfall and soil gradients P.I.: Dr. Mark Ritchie, Utah State University (now at Syracuse University)
1997-1998	<b>Independent Study, Gustavus Adolphus College, Saint Peter, MN</b> Fish species diversity as an index of biotic integrity in southern Minnesota streams Advisor: Dr. Robert Bellig
Summer 1997	<b>Independent research project, Entebbe, Uganda</b> Behavior and ecology of the De Brazza's monkey ( <i>Cercopithecus neglectus</i> ) Advisor: Wilhelm Mueller, Director, Uganda Wildlife Education Centre (UWEC)
Summer 1996	<b>Research internship, University of Iowa Hospitals and Clinics</b> Genetics of human obesity P.I.: Dr. Patricia Donohoue