

Matthew D. Herron
Senior Research Scientist
School of Biology, Georgia Institute of Technology
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EDUCATION

- Ph.D. Ecology and Evolutionary Biology, University of Arizona, 2009. Dissertation title: Evolution of multicellularity and cellular differentiation in the volvocine algae.
- M.S. Ecology and Evolutionary Biology, University of Arizona, 2006.
- M.S. Biology, University of Central Florida, 2003. Thesis title: Sciurid phylogeny and the evolution of African ground squirrels.
- B.A. Political Science, University of Central Florida, 1993.
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PUBLICATIONS

PEER-REVIEWED (* indicates undergraduate author)

- Herron, M. D.**, S. A. Zamani-Dahaj, & W. C. Ratcliff. 2018. Trait heritability in Major Transitions. *BMC Biology* 16:145. doi: 10.1186/s12915-018-0612-6
- Herron, M. D.**, W. C. Ratcliff, J. Boswell, & F. Rosenzweig. 2018. Genetics of a de novo origin of undifferentiated multicellularity. *Royal Society Open Science* 5:180912. doi: 10.1098/rsos.180912
- Hanschen, E. R., **M. D. Herron**, J. J. Wiens, P. J. Ferris, H. Nozaki, & R. E. Michod. 2018. Multicellularity drives the evolution of sexual traits. *The American Naturalist* 192: E93-E105. doi: 10.1086/698301.
- Boyd, M.*, F. Rosenzweig, & **M. D. Herron**. 2018. Analysis of motility in multicellular *Chlamydomonas reinhardtii* evolved under predation. *PLoS ONE* 13: e0192184. doi: 10.1371/journal.pone.0192184
- Herron, M. D.** 2017. Cells, colonies, and clones: individuality in the volvocine algae. Pp. 63-81 in. S. Lidgard & L. Nyhart (eds.) *Biological Individuality: Integrating Scientific, Philosophical, and Historical Perspectives*. Chicago, University of Chicago Press. ISBN: 9780226446455
- Hanschen, E. R., **M. D. Herron**, J. J. Wiens, P. J. Ferris, H. Nozaki, & R. E. Michod. 2017. Repeated evolution and reversibility of self-fertilization in the volvocine green algae. *Evolution* 72:386-398. doi: 10.1111/evo.13394
- Ratcliff, W. C., **M. D. Herron**, E. Libby, & P. Conlin. 2017. Nascent life cycles and the emergence of higher-level individuality. *Philosophical Transactions of the Royal Society B* 372: 20160420. doi: 10.1098/rstb.2016.0420
- Nozaki, H., W. Mahakham, S. Athibaf, K. Yamamoto, M. Takusagawa, O. Misumi, **M. D. Herron**, F. Rosenzweig, & M. Kawachi. 2017. Rediscovery of the “ancestral *Volvox*” species: Morphology and phylogenetic position of *Pleodorina sphaerica* (Volvocales, Chlorophyceae) from Thailand. *Phycologia* 56:469–475. doi: 10.2216/17-3.1
- Herron, M. D.** 2016. Origins of multicellular complexity: *Volvox* and the volvocine algae (Meeting Review of the Third International *Volvox* Meeting). *Molecular Ecology* 25:1213–1223. doi: 10.1111/mec.13551
- Herron, M. D.** 2016. Fitness and individuality in complex life cycles. *Philosophy of Science* 83: 828-834.

doi: 10.1086/687867

- Nozaki, H., N. Ueki, O. Misumi, K. Yamamoto, S. Yamashita, **M. D. Herron** and F. Rosenzweig. 2015. Morphology and reproduction of *Volvox capensis* (Volvocales, Chlorophyceae) from Montana, USA. *Phycologia*. doi: 10.2216/15-14.1
- Herron, M. D.** & A. M. Nedelcu. 2015. Volvocine algae: from simple to complex multicellularity. pp. 129-152 in A. M. Nedelcu & I. Ruiz-Trillo (eds.) *Evolutionary transitions to multicellular life: Principles and mechanisms*. ISBN: 978-94-017-9642-2
- Herron, M. D.**, S. Ghimire*, C. R. Vinikoor*, & R. E. Michod. 2014. Fitness trade-offs and developmental constraints in the evolution of soma: an experimental study in a volvocine alga. *Evolutionary Ecology Research* 16:203-221. abstract
- Ratcliff, W. C., **M. D. Herron**, K. Howell, F. Rosenzweig, & M. Travisano. 2014. Experimental evolution of an alternating uni- and multicellular life cycle in *Chlamydomonas reinhardtii*. *Nature Communications* 4:2742. doi: 10.1038/ncomms3742
- Herron, M. D.** & M. Doebeli. 2013. Parallel evolutionary dynamics of adaptive diversification in *Escherichia coli*. *PLoS Biology* 11(2):e1001490. doi: 10.1371/journal.pbio.1001490
- Herron, M. D.**, A. Rashidi, D. E. Shelton, & W. W. Driscoll. 2013. Cellular differentiation and individuality in the “minor” multicellular taxa. *Biological Reviews of the Cambridge Philosophical Society* 88(4):844-861. doi: 10.1111/brv.12031
- Leliaert, F., D. R. Smith, H. Moreau, **M. D. Herron**, H. Verbruggen, C. F. Delwiche, & O. De Clerck. 2012. Phylogeny and molecular evolution of the green algae. *Critical Reviews in Plant Sciences* 31(1):1-46. doi: 10.1080/07352689.2011.615705
- Herron, M. D.** & M. Doebeli. 2011. Adaptive diversification of a plastic trait in a predictably fluctuating environment. *Journal of Theoretical Biology* 285(1):58-68. doi: 10.1016/j.jtbi.2011.06.007
- Nedelcu, A. M., W. W. Driscoll, P. M., Durand, **M. D. Herron**, & A. Rashidi. 2011. On the paradigm of altruistic suicide in the unicellular world. *Evolution* 65(1):3-20. doi: 10.1111/j.1558-5646.2010.01103.x
- Herron, M. D.**, A. G. Desnitskiy, & R. E. Michod. 2010. Evolution of developmental programs in *Volvox* (Chlorophyta). *Journal of Phycology* 46(2):316-324. doi: 10.1111/j.1529-8817.2009.00803.x
- Herron, M. D.** 2009. Many from one: lessons from the volvocine algae on the evolution of multicellularity. *Communicative & Integrative Biology* 2(4):368-370. doi: 10.4161/cib.2.4.8611
- Herron, M. D.**, J. D. Hackett, F. O. Aylward*, & R. E. Michod. 2009. Triassic origin and early radiation of multicellular volvocine algae. *Proceedings of the National Academy of Sciences, USA* 106(9):3254-3258. doi: 10.1073/pnas.0811205106
- Pepper, J. W. & **M. D. Herron**. 2008. Does biology need an organism concept? *Biological Reviews of the Cambridge Philosophical Society* 83(4):621-627. doi: 10.1111/j.1469-185X.2008.00057.x
- Herron, M. D.** & R. E. Michod. 2008. Evolution of complexity in the volvocine algae: transitions in individuality through Darwin’s eye. *Evolution* 62(2):436-451. doi: 10.1111/j.1558-5646.2007.00304.x
- Jiang, Z. J., T. A. Castoe, C. C. Austin, F. Burbrink, **M. D. Herron**, J. McGuire, C. L. Parkinson, & D. Pollock. 2007. Comparative mitochondrial genomics of snakes: extraordinary substitution rate dynamics and functionality of the duplicate control region. *BMC Evolutionary Biology* 7:123. doi: 10.1186/1471-2148-7-123
- Michod, R. E. & **M. D. Herron**. 2006. Cooperation and conflict during evolutionary transitions in individuality. *Journal of Evolutionary Biology* 19(5):1406-1409. doi: 10.1111/j.1420-9101.2006.01142.x

- Herron, M. D.**, J. M. Waterman, & C. L. Parkinson. 2005. Phylogeny and historical biogeography of African ground squirrels: the role of climate change in the evolution of *Xerus*. *Molecular Ecology* 14(9):2773-2788. doi: 10.1111/j.1365-294X.2005.02630.x
- Herron, M. D.**, T. A. Castoe, & C. L. Parkinson. 2004. Sciurid phylogeny and the paraphyly of Holarctic ground squirrels (*Spermophilus*). *Molecular Phylogenetics and Evolution* 31(3):1015-1030. doi: 10.1016/j.ympev.2003.09.015
- Herron, M. D.** & J. M. Waterman. 2004. *Xerus erythropus*. *Mammalian Species* 748:1-4. doi: 10.1644/748
- Waterman, J. M. & **M. D. Herron**. 2004. *Xerus princeps*. *Mammalian Species* 751:1-3. doi: 10.1644/751

IN REVIEW

Herron, M. D., J. M. Borin, J. C. Boswell, J. Walker, I-C. K. Chen, C. A. Knox*, M. Boyd*, F. Rosenzweig, & W. C. Ratcliff. *De novo* origins of multicellularity in response to predation. In review for *Scientific Reports*, preprint available as *bioRxiv* 247361.

Gulli, J. G., **M. D. Herron**, & W. C. Ratcliff. Evolution of altruistic cooperation among multicellular proto-organisms. In review for *Evolution*.

GRANTS AND FELLOWSHIPS

RESEARCH GRANTS

- 2015 – 2018 NSF Division of Environmental Biology (DEB-1457701/1723293): *Collaborative research: de novo evolution of multicellularity in a unicellular volvocine alga*. PIs: **M. Herron**, A. Nedelcu (U New Brunswick), W. Ratcliff (Georgia Tech); Co-PI: F. Rosenzweig (U Montana). Total budget \$1.05 million; U Montana budget \$774,735 including \$109,285 subaward to U New Brunswick.
- 2015 – 2017 NASA Astrobiology: Exobiology and Evolutionary Biology Program: Origin and evolutionary consequences of multicellular life cycles (NNX15AR33G). PI: William Ratcliff; Co-Is: **M. Herron**, E. Libby. UMT subaward \$42,474.
- 2015 – 2019 NASA Astrobiology Institute Cycle 7 Cooperative Agreement Notice (NNA17BB05A): *Reliving the history of life: experimental evolution of major transitions*. PI: F. Rosenzweig; Co-Is: V. Cooper, S. Copley, P. Gerrish, **M. Herron**, M. Kinnersley, J. McCutcheon, S. Miller, G. Sherlock, E. Smith, P. Sniegowski. Total budget \$8.3 million; budget for Co-I Herron's project \$1.3 million, including 5 years support for a postdoc, a graduate student, and an undergraduate.
- 2013 – 2015 John Templeton Foundation (43285): *Experimental Evolution of Multicellularity*. PI: M. Travisano; Co-PIs: M. Borrello, T. Dean, **M. Herron**, W. Ratcliff, F. Rosenzweig, W. Soto. [U Montana subaward (Herron & Rosenzweig) \$317,000]
- 2013 NASA EPSCoR / Montana Space Grant Consortium Research Initiation Grant (G149-13-4R1063): *Genetics of a novel origin of multicellularity* [\$49,641].
- 2008 – 2010 National Science Foundation Doctoral Dissertation Improvement Grant, DEB0806778: *Dissertation Research: Experimental Evolution in Volvocine Algae* [\$11,984]

SMALLER RESEARCH GRANTS

- 2005 Sigma Xi Grant-in-Aid of Research: *A comparative study of the evolution of complexity in Volvocales* [\$550]

2005	Society for Integrative and Comparative Biology Grant-in-Aid of Research: <i>Experimental selection of feeding rates in rotifers</i> [\$815]
2005	Society of Systematic Biologists Graduate Student Award: <i>A comparative study of the evolution of complexity in Volvocales</i> [\$1800]
2002	University of Central Florida Biology Graduate Committee Grant [\$1000]

FELLOWSHIPS & AWARDS

2012 – 2014	NASA Postdoctoral Program in Astrobiology: <i>The evolution of complexity by multicellular development and cellular differentiation: a theoretical and experimental investigation</i>
2008 – 2009	National Science Foundation Teaching Fellowship, Biology from Molecules to Ecosystems (BioME)
2009	Galileo Circle Scholar, University of Arizona College of Science
2008	Hoshaw Memorial Scholarship, University of Arizona EEB Department (“...the highest honor for graduate students in the Department of Ecology and Evolutionary Biology”)
2004	University of Arizona Graduate College Fellowship
2001	University of Central Florida Merit Fellowship

COURSES TAUGHT

2016	The “Major Transitions” in Evolution (as Instructor), University of Montana.
2010	Evolutionary Dynamics (as Teaching Assistant), University of British Columbia
2008 – 2009	Biotechnology (as Graduate Fellow), Tucson High Magnet School
2008 – 2009	Research Methods (as Graduate Fellow), Tucson High Magnet School
2005	Environmental Biology Lab (as Teaching Assistant), University of Arizona
2002 – 2003	Population Biology and Evolution Lab (as Instructor), University of Central Florida
2002	Population Biology and Evolution Lab (as Teaching Assistant), University of Central Florida

PRESENTATIONS AND WORKSHOPS

INVITED PRESENTATIONS AND WORKSHOPS

2018	Origins of multicellular and sexual complexity in volvocine green algae. NASA Astrobiology Institute Executive Council Meeting, Georgia Institute of Technology, September, 2018.
2018	Evolution of multicellularity in <i>Chlamydomonas reinhardtii</i> in response to predation. University of Georgia, March, 2018.
2017	Evolution of multicellular development in the volvocine algae. University of Rochester, February, 2017.
2017	Evolution of multicellular development in the volvocine algae. Miami University Ohio, February, 2017.
2017	Evolution of biological complexity in the volvocine algae. University of Arizona, January, 2017.
2016	Development and evolution of <i>Volvox</i> and related algae (keynote address). Phycomorph

2016. Limassol, Cyprus, September 2016.
- 2015 Evolution of multicellularity and cellular differentiation in the volvocine algae. Santa Fe Institute, February 2015.
- 2015 Origins of multicellular development in the volvocine algae. University of California, San Diego, February 2015.
- 2015 Exploring the evolution of multicellularity using comparative and experimental approaches. University of California, San Diego, February 2015.
- 2015 Origins of multicellular development in the volvocine algae. University of California, Berkeley, January 2015.
- 2014 *Fitness and individuality in complex life cycles*. Philosophy of Science Association 24th Biennial Meeting, November 2014.
- 2014 De novo evolution of multicellularity in Chlamydomonas. NASA Postdoctoral Program Alumni Seminar (astrobiology.nasa.gov/seminars/featured-seminar-channels/early-career-seminars/2014/10/6/de-novo-evolution-of-multicellularity-in-chlamydomonas/).
- 2014 Origins of multicellular development in the volvocine algae. University of Hawaii, Hilo, April 2014.
- 2014 Origins of multicellular development in the volvocine algae. University of Missouri-St. Louis, March 2014.
- 2014 Origins of multicellular development in the volvocine algae. University of California, Riverside, February 2014.
- 2014 Origins of multicellular development in the volvocine algae. Indiana University, January 2014.
- 2013 *Individuality in the "minor" multicellular taxa*. KITP Conference: Cooperation and the Major Evolutionary Transitions
- 2013 *Complexity and individuality in the volvocine algae*. What is an individual? Where philosophy, history, and biology coincide (Workshop)
- 2012 *Cellular differentiation and individuality in the “minor” multicellular taxa*. Cain Conference *E. pluribus unum*: bringing biological parts and wholes into historical and philosophical perspective
- 2011 *Algae are way cool because...* University of British Columbia Beaty Biodiversity Museum “Way Cool” Lecture Series (Public lecture)
- 2011 *Evolution of multicellularity in the volvocine green algae*. EPSRC Workshop: Evolution of Microbial Cooperation
- 2009 *Phylogenetic inference using molecular sequence data*. Workshop for high school teachers at the Arizona Center for STEM Teachers workshop Discovering Darwin Days: Teaching Evolution in the K-12 Classroom.

CONFERENCE PRESENTATIONS

- 2017 Evolution of multicellularity in *Chlamydomonas reinhardtii* in response to predation. Fourth International Volvox Conference.
- 2017 *De novo* origin of multicellularity in response to predation. Astrobiology Science Conference.
- 2016 Genetics of experimentally evolved multicellularity. Second ASM Conference on Experimental Microbial Evolution (poster).

- 2015 *Experimental evolution of multicellularity in Chlamydomonas reinhardtii*. Third International *Volvox* Conference.
- 2015 *Experimental evolution of multicellularity in the green alga Chlamydomonas reinhardtii*. Astrobiology Science Conference.
- 2014 *Experimental evolution of multicellularity in Chlamydomonas reinhardtii*. First ASM Conference on Experimental Microbial Evolution.
- 2013 *Experimental evolution of a multicellular life cycle in Chlamydomonas reinhardtii*. Second International *Volvox* meeting
- 2012 *Genetics of adaptive diversification*. Astrobiology Science Conference
- 2011 *Fitness trade-offs and developmental constraints in the evolution of soma: an experimental study in a volvocine alga*. First International *Volvox* Conference
- 2011 *Multicellularity and cellular differentiation in the volvocine green algae*. International Society for the History, Philosophy, and Social Studies of Biology.
- 2010 *Metabolic diversification by genetic assimilation*. Evolution 2010
- 2010 *Adaptive dynamics of genetic assimilation*. Evo-WIBO
- 2009 *Does biology need an organism concept?* Arizona State University Center for Social Dynamics and Complexity 1st International Conference: Group as Individual in Social Dynamics
- 2008 *Estimation of divergence times in the volvocine algae* (Poster). 13th International Conference on the Cell and Molecular Biology of *Chlamydomonas*
- 2007 *Artificial selection for colony size in Pleodorina* (Poster). University of Arizona Center for Astrobiology: Evolutionary Watersheds: Genome or Biome?
- 2006 *A comparative study of the evolution of complexity in volvocine algae*. Evolution 2006
- 2006 *Reconstruction of ancestral character states in the volvocine algae*. 12th International Conference on the Cell and Molecular Biology of *Chlamydomonas*
- 2004 *Evolution of the African ground squirrel genus Xerus: Phylogenetic and phylogeographic patterns reflect the influence of climate change* (Poster). Florida Academy of Sciences
- 2003 *Molecular phylogeny of the Sciuridae inferred from mitochondrial cytochrome-b sequences*. Florida Academy of Sciences

POSITIONS

- 2016 – present Senior Research Scientist – School of Biology, Georgia Institute of Technology
- 2014 – 2016 Research Assistant Professor – Division of Biological Sciences, University of Montana
- 2012 – 2014 Postdoctoral Fellow – NASA Astrobiology Institute, NASA Postdoctoral Program
- 2010 – 2012 Postdoctoral Research Fellow – University of British Columbia, Department of Zoology, Laboratory of Michael Doebeli
- 2010 – 2011 Teaching Assistant - University of British Columbia, Department of Zoology
- 2005 – 2009 Graduate Research Associate – University of Arizona, EEB Department. Laboratory of Richard Michod
- 2005 Graduate Teaching Associate – University of Arizona, EEB Department.
- 2004 Technical Expert – University of Arizona, EEB Department. *Phylogenetic reconstruction of Volvocales (Chlorophyta)*

- 2002 – 2003 Instructor – University of Central Florida, Department of Biology.
- 2002 Graduate Teaching Assistant – University of Central Florida, Department of Biology.
- 2001 – 2003 Graduate Research Assistant – University of Central Florida, Department of Biology.
Laboratory of Christopher Parkinson
-

PROFESSIONAL SERVICE

MEETING & EVENT ORGANIZATION

- 2017 Session chair and member of program committee, Fourth International *Volvox* Conference
- 2017 Session chair and member of program committee, Astrobiology Science Conference
- 2016 Session chair and member of program committee, Second ASM Conference on Experimental Microbial Evolution
- 2015 Session co-chair, Astrobiology Science Conference
- 2015 Member, Organizing Committee, Third International *Volvox* Conference
- 2014 Member, Program Committee, First ASM Conference on Experimental Microbial Evolution
- 2013 Co-organizer, NESCent Catalysis Meeting “Evolutionary origins of multicellularity”
- 2013 Member, Organizing Committee, Second International *Volvox* Conference
- 2011 Member, Organizing Committee, First International *Volvox* Conference
- 2008 – 2009 Committee Chair, College of Science Graduate Awards Banquet, University of Arizona
- 2008 – 2009 Member, *ad hoc* planning committee for EEB Darwin Day celebration, University of Arizona

MENTORSHIP & OUTREACH

- Postdoctoral Kimberly Chen, Pedram Samani, Katrin Schmidt
- Graduate Jared Betz, Jacob Boswell, Charles Lindsey
- Undergraduate Jacob Boswell, Magrethe Boyd, Charles Knox, Niveda Shanmugam, Kyle Hamilton, Sophia Sukkestad
- High School Rory Anderson
- 2017 U.S. Department of Energy National Science Bowl, question writer
- 2015, 2017 SAGANet Mentor, Astrobiology Science Conference
- 2015 Faculty Host, Tribal College Professional Development Workshop
- 2015 Poster judge, Astrobiology Science Conference
- 2013 Research Mentor, University of Montana Introductory Multicultural Summer Undergraduate Research Experience
- 2010 – 2012 Museum Educator, Beaty Biodiversity Museum, Vancouver, BC, Canada
- 2006 – 2014 Science fair judging: Montana Space Grant Consortium Student Research Symposium, 2014; Montana Science Fair, 2013, 2014, 2015, & 2016; Vancouver District Science Fair, 2010; University of Arizona Graduate and Professional Student Council Travel Grant, 2009; Booth-Fickett Magnet School Science Fair, 2009; Pusch Ridge Christian Academy

Science Fair, 2008 & 2009; University of Arizona Graduate & Professional Student Council Student Showcase, 2006 & 2008.

REFEREE SERVICE

Journals	American Journal of Botany, The American Naturalist, Axios Review, Biology & Philosophy, BMC Biology, BMC Developmental Biology, BMC Evolutionary Biology, European Journal of Phycology, Evolution, Evolutionary Applications, Evolutionary Biology, Frontiers in Marine Science, Frontiers in Plant Science, Genome Biology & Evolution, Geobiology, Journal of Biogeography, Journal of Eukaryotic Microbiology, Journal of Theoretical Biology, Journal of Mammalogy, Molecular Biology & Evolution, Molecular Ecology, Philosophy & Theory in Biology, Planta, PLoS Biology, PLoS ONE, Proceedings B, Protist, Transactions of the Royal Society of South Africa, Trends in Ecology & Evolution
Review Editor	Frontiers in Plant Science
Books	Two book proposals for Elsevier
Grants	NASA Exobiology Program: Advanced Life (panelist and virtual panelist); National Science Foundation, Division of Evolutionary Biology (panelist); National Science Foundation, Division of Environmental Biology: Evolutionary Ecology (<i>ad hoc</i> reviewer); NASA Postdoctoral Program (<i>ad hoc</i> reviewer and virtual panelist), U.K. Biotechnology and Biological Sciences Research Council (<i>ad hoc</i> reviewer)

POPULAR MEDIA & SCIENCE NEWS COVERAGE

Presentation at AbSciCon:

New Scientist: www.newscientist.com/article/dn27762-one-gene-may-drive-leap-from-single-cell-to-muticellular-life.html

Herron & Doebeli 2013 *PLoS Biology* study on adaptive diversification:

PLoS Primer: Marx, C. J. *PLoS Biol* 11: e1001487. doi: 10.1371/journal.pbio.1001490

Research Highlight: Burgess, D. J. *Nature Reviews Genetics* 14: 240. doi:10.1038/nrg3449

Research Highlight: *Nature* 494: 285. doi:10.1038/494285d

CBC News: www.cbc.ca/news/technology/evolution-takes-a-similar-course-each-time-study-suggests-1.1375887

Scientific American: www.scientificamerican.com/article.cfm?id=predictable-evolution-trumps-randomness-of-mutations

Radio Canada International: www.rcinet.ca/english/daily/interviews-2012/14-03_2013-02-26-testing-theories-of-evolution

Ratcliff, Herron, et al. 2014 study on experimental evolution of multicellularity:

Science Daily: <http://www.sciencedaily.com/releases/2013/11/131106073859.htm>

New Scientist: www.newscientist.com/article/dn24535-alga-takes-first-evolutionary-leap-to-muticellularity.html#.Uo5H8cTkvQN

Astrobiology Magazine: <http://www.astrobio.net/topic/origins/origin-and-evolution-of-life/study-provides-clues-to-the-origin-of-biological-complexity/>

Herron et al. 2009 *PNAS* study on divergence times in volvocine algae:

ScienceNOW: news.sciencemag.org/biology/2009/02/earlier-debut-famous-alga

ScienceDaily: www.sciencedaily.com/releases/2009/02/090219140546.htm

El Mundo: www.elmundo.es/elmundo/2009/02/16/ciencia/1234808187.html

Herron & Michod 2008 *Evolution* study on ancestral character states in volvocine algae:

Research Focus: Sachs, J. L. *Trends in Ecology & Evolution* 23: 245-248. doi: 10.1016/j.tree.2008.02.003

REFERENCES

- Dr. Michael Doebeli, Professor, University of British Columbia, Department of Zoology, 6270 University Boulevard, Vancouver, BC V6T 1Z4, Canada, email doebeli@zoology.ubc.ca, phone (604) 822-3878 (postdoctoral advisor)
- Dr. Frank Rosenzweig, Professor, Georgia Institute of Technology, School of Biology, North Avenue, Atlanta, GA 30332, email frank.rosenzweig@biology.gatech.edu, phone (404) 385-4458 (postdoctoral advisor)
- Dr. Richard E. Michod, Professor and Department Head, University of Arizona, Department of Ecology and Evolutionary Biology, Biosciences West 306, Tucson, AZ 85721, email michod@u.arizona.edu, phone (520) 621-1844 (Ph.D. coadvisor)