

CURRICULUM VITAE

ERIC SÁNDOR NAGY

University of Virginia
Mountain Lake Biological Station
Department of Biology
223 Gilmer Hall, P.O. Box 400327
Charlottesville, VA 22904-4327 USA
Street Address: 485 McCormick Road

Office 434-243-4989 540-626-5227 June - August
Cell 434-906-3122
Fax 434-982-5626 540-626-5229 June - August
Email enagy@virginia.edu
URL faculty.virginia.edu/nagy

EDUCATION

University of California, Davis, Ph.D. in Population Biology 1995
 Dissertation: Ecological and Evolutionary Factors Influencing Gene Migration
 Between Two Subspecies in the *Gilia capitata* Complex.
 Ph.D. advisors: Maureen L. Stanton and Kevin J. Rice
University of California, Davis, M.S. in Ecology 1993
Oberlin College, B.A. in Biology, 1985

POSITIONS

Associate Director, Mountain Lake Biological Station, University of Virginia, 1996 – pres.
Assistant Professor, General Faculty, Dept. of Biology, Univ. of Virginia, 1996 – pres.

GRANTS AND AWARDS

(All NSF grants were awarded to University of Virginia)

NSF DBI-0731423, “FSML: Winterization of Faculty and Student Residences at Mountain Lake Biological Station.” E. Brodie PI, E. Nagy co-PI, 10/2007 – 9/2010, \$249,949. (+\$250,000 UVA institutional match).
NSF DBI-0453380, “REU Site: Ecology, Evolution and Behavior Field Research at Mountain Lake Biological Station.” E. Nagy PI, 3/2005 – 2/2010, \$446,935.
NSF DBI-0328361, “Request to Support a Strategic Planning Workshop for the Organization of Biological Field Stations.” E. Nagy PI, S. Lohr and A. McKee co-PIs, 8/2003 – 12/2005, \$42,768.

NSF DBI-0097249, “Research Experiences for Undergraduates at Mountain Lake Biological Station.” E. Nagy PI, H. Wilbur co-PI, 6/2001 – 5/2005, \$229,274.

NSF DBI-9978265, “Computer Network Installation and Housing Renovation at Mountain Lake Biological Station.” H. Wilbur PI, E. Nagy co-PI, 9/1999 - 8/2002, \$249,738 (+\$250,000 UVA institutional match).

NSF DBI-9732155, “Research Experiences for Undergraduates at Mountain Lake Biological Station.” E. Nagy PI, H. Wilbur co-PI, 6/1998 – 5/2001, \$150,000. Research Award. Biology Department, University of Virginia. 1996.

Graduate Student Research Grant. Center for Population Biology, UC Davis. 1990, 1991, 1992, 1993.

Bodega Bay Marine Laboratory Inter-Campus Travel Grant. UC Davis. 1990, 1991, 1992, 1993.

Jastro-Shields Graduate Research Scholarship. UC Davis, 1991, 1992, 1993.

Field Research and Travel Grant. Department of Botany, UC Davis. 1990, 1991, 1992.

Grants-in-Aid of Research. Sigma Xi. 1991, 1992.

Research Grant. Department of Parks and Recreation, State of California. With M. Rejmanek, UC Davis. 1989. \$76,775.

NATIONAL OFFICES AND SERVICE

American Institute of Biological Sciences (AIBS)

- Board of Directors, 2006 – pres.
- Finance Committee, 2006 – pres.
- “Year of Science” Committee, 2007 – pres.
- Council Member and OBFS Representative, 2002 – pres.

Organization of Biological Field Stations (OBFS)

- Board of Directors, 2000 – pres.
- Chair, Governance Committee, 2006 – pres.
- Past-President, 2004 – 2006
- President, 2002 – 2004
- Vice President, 2000 – 2002
- Annual Meeting Host, 1999
- Member Station Representative, 1996 – pres.

National Ecological Observatory Network (NEON, AIBS NSF planning efforts)

- Voting Member and AIBS Representative, 2007– pres.
- “Red Team Review.” 6-7 April, 2006, Washington, D.C.
- Consortium Development Committee, NEON Design Consortium 2004 – 2005
- Steering Committee, Infrastructure for Biology at Regional to Continental Scales (IBRCS), 2002 – 2004

Mid-Atlantic Region Ecological Observatory (MAREO)

- Co-Leader, 2003 – 2006
- Chair Facilities Committee, 2003 – 2006
- Representative, Consortium of Regional Ecological Observatories (COREO), 2004 – 2006.

*SouthEast Regional Network of Expertise and Collections (SERNEC,
an initiative of The Society of Herbarium Curators)*

- Steering Committee, 2005 – pres.

Resource Discovery Initiative for Field Stations (NSF Project)

- Steering Committee, 2002 – 2006

Wilderness Conservancy at Mountain Lake

- Advisory Board, 2001 – pres.
- Environmental Consultant, 2000 and 2007

UNIVERSITY OF VIRGINIA SERVICE

*Arboretum and Landscape Committee, Office of the Executive Vice President, University
Committee*

- Chair 2007-pres.
- Committee Member 2002 – pres.

Selection Committee, Office of the Architect

- Committee Member 2007.

Committee on Public Art, Office of the Executive Vice President, University Committee

- Committee Member 2007 – pres.

Faculty-Student Mentoring Program, Office of African American Affairs

- 2003 – pres.

*Ad hoc Field Station Subcommittee of the UVA Institutional Animal Care and Use
Committee (IACUC)*

- Committee Member 2004 – pres.

REVIEW PANELS

NSF Advisory Panel, Collaborative Research in Undergraduate Institutions (CRUI), 2004
NSF Advisory Panel, Undergraduate Research and Mentoring in the Biological Sciences
(URM), May 2007, Invited but Declined due to schedule conflict.

INVITED PROFESSIONAL WORKSHOPS AND MEETING PANELS

- Panel Member, American Distance Education Consortium (ADEC), “Research and Education Blurring: The Challenges.” Columbus Ohio, 2002
- Participant, National Science Foundation workshop, “Enhancing Educational Opportunities at Biological Field Stations and Marine Laboratories.” Washington DC, February 2002.

PUBLICATIONS

- Zimmerman, M., E.S. Nagy and L. Galloway. 1987. Nectar dispersion patterns in three Australian plant species. *Australian Journal of Ecology* 12:183-188.
- Nagy, E.S. 1997. Frequency-dependent seed production and hybridization rates: Implications for gene flow between locally adapted plant populations. *Evolution* 51(3):703-714. [http://faculty.virginia.edu/nagy/Nagy_1997_Evol_51\(3\).pdf](http://faculty.virginia.edu/nagy/Nagy_1997_Evol_51(3).pdf)
- Nagy, E.S. and K.J. Rice. 1997. Local adaptation in two subspecies of an annual plant: Implications for migration and gene flow. *Evolution* 51(4):1079-1089. [http://faculty.virginia.edu/nagy/Nagy_Rice_1997_Evol_51\(4\).pdf](http://faculty.virginia.edu/nagy/Nagy_Rice_1997_Evol_51(4).pdf)
- Nagy, E.S. 1997. Selection for native characters in hybrids between two locally adapted plant subspecies. *Evolution* 51(5):1469-1480. [http://faculty.virginia.edu/nagy/Nagy_Rice_1997_Evol_51\(4\).pdf](http://faculty.virginia.edu/nagy/Nagy_Rice_1997_Evol_51(4).pdf)
- Nagy, E.S., L. Strong, and L.F. Galloway. 1999. Contribution of Delayed Autonomous Selfing to Reproductive Success in Mountain Laurel, *Kalmia latifolia* (Ericaceae). *American Midland Naturalist* 142(1):39-46.
- Rice, K.J. and E.S. Nagy. 2000. Oak canopy effects on the distribution patterns of two annual grasses: the role of competition and soil nutrients. *American Journal of Botany* 87:1699–1706. <http://www.amjbot.org/cgi/reprint/87/11/1699.pdf>
- Nagy, E., S. Lohr, A. McKee and S. Shapiro. 2005. Organization of Biological Field Stations Strategic Plan 2005-2010. Organization of Biological Field Stations Pub. No. 3. http://faculty.virginia.edu/nagy/OBFS_Plan_Final_Sep12.pdf
- Porter, J.H., E.S. Nagy, P.C. Hanson, T.K. Kratz, S.L. Collins and P. Arzberger. In review 2008. New Eyes on the World: Advanced Sensors for Ecology. *BioScience*. http://faculty.virginia.edu/nagy/Porter_etal_2008_BioScience_inreview.pdf

INVITED RESEARCH SEMINARS

- University of Maryland, Department of Plant Biology, 1996.
- University of Virginia, Mountain Lake Biological Station, 1997.
- Virginia Polytechnic Institute and State University, Department of Biology, 1999.
- University of Virginia, Research Computing / Scholars' Lab Colloquia Series, 2007

OTHER CONTRIBUTED PAPERS / RESEARCH PRESENTATIONS

University of California, Ecology Graduate Student, 1989.
University of California, Bodega Marine Laboratory, 1992.
University of California, Bodega Marine Laboratory, 1992.
University of California, Center for Population Biology seminar series, 1993.
Society for the Study of Evolution, Annual Meeting, 1993.
Ecological Society of America, Annual Meeting, 1993.
Society for the Study of Evolution, Annual Meeting, 1994.
University of California, Center for Population Biology, 1995.
Society for the Study of Evolution. Annual Meeting, 1996.

GRADUATE AND POST-GRADUATE RESEARCH

1996 - Ecology and evolution of *Monarda*, *Silene*, and *Dryopteris* hybrid systems.
1989-95 Ecological and evolutionary factors influencing gene migration between two subspecies in the *Gilia capitata* complex. Ph.D. dissertation.
1992-94 Genetic and environmental influences on blue oak response to drought and herbivory: Implications for the conservation biology of "keystone" woody species. Research Assistant, K. Rice, Department of Agronomy and Range Science, UC Davis.
1990-91 Evolutionary responses to ecological variation: the demography and behavior of clonal organisms. Research Assistant, R. Grosberg, M. Mangel, K. Rice and M. Stanton, Center for Population Biology, UC Davis.
1990-91 Influence of plant competition on grassland community structure and productivity. Research Assistant, K. Rice, Department of Agronomy and Range Science, UC Davis.
1989 Spatial heterogeneity in morphological variation between sex morphs in gynodioecious *Nemophila menziesii*.
1988-89 The ecology and control of European Beachgrass, *Ammophila arenaria*, in state parks of northern California. With M. Rejmanek, Department of Botany, UC Davis.

MENTORING

Graduate Students: Dissertation Committee, Linda Johnson, Department of Biology. Ph.D. 2003.

Undergraduate Students (REU program Mountain Lake Biological Station): Daniel Quintana (2007), Amy Khan (2006), Emily Behler (2005), Jennifer Imamura (2002), Genevieve Croft (2001), Margaret Snoke (2000), Jeffery Firestone (1999), Woody Moses (1998), Stephanie Kane (1998), Danielle Bilyeu (1998), Jenifer Lewis (1997), Amanda Helin (1997), Larkin Strong (1996).

TEACHING EXPERIENCE

- 1996 - "The Scientific Method: Philosophy, Design, Analysis, and Presentation"
Summer NSF REU-Sites Program at Mountain Lake Biological Station.
- 1993 "Introduction of Evolution" (EVE 100), UC Davis, C. Langley.
- 1992 "Evolutionary Biology of Plants" (BOT 100), UC Davis, P. Foley. "Evolutionary
Biology of Plants" (BOT 100), UC Davis, M. Stanton.
- 1990 "Introductory Survey of Botany" (BOT 2), UC Davis, R. Thornton.
- 1989 "Plant Ecology" (BOT 117), UC Davis, M. Stanton.
"Introductory Survey of Botany" (BOT 2), UC Davis, D. Khyos.

PROFESSIONAL MEMBERSHIPS

Organization of Biological Field Stations (OBFS)
American Institute of Biological Sciences (AIBS)
Society for Conservation Biology (SCB)
Society for the Study of Evolution (SSE)
Ecological Society of America (ESA)

REVIEWER

National Science Foundation, DEB and DBI programs, 2000 – pres.
Evolution, 1999 – pres.
Behavioral Ecology, 1997 – 1999
American Journal of Botany, 1996 – pres.
Oecologia, 1996 – 1998
Crop Science, 1995 – 1996
New Phytologist, 2000 – 2002
American Distance Education Consortium, 2002 – 2004