

CURRICULUM VITAE

Eric Sándor Nagy

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Mountain Lake Biological Station & Department of Biology	906 3122 c
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Charlottesville, VA 22904 USA	

EDUCATION

University of California, Davis, Ph.D. Population Biology	1995
Ph.D. advisors: Maureen L. Stanton and Kevin J. Rice	
University of California, Davis, M.S. Ecology	1993
Oberlin College, B.A. Biology	1985

PROFESSIONAL EXPERIENCE

Associate Director, Mountain Lake Biological Station, University of Virginia	1996 – pres.
<ul style="list-style-type: none">• Director / Executive Administrator / Supervisor / Long-Range Planner• Operations, Research, Outreach, Training, and Program Director• Data and Collections Manager / Web and Database Administrator• Equipment and Computer Network Administrator• NSF Grant PI (REU-Site and FSML)• Liaison to external programs (eg. NEON, OBFS)	
Professor, General Faculty, Dept. of Biology, Univ. of Virginia	2019 – pres.
Assistant Professor, General Faculty, Dept. of Biology, Univ. of Virginia	1996 – 2019

GRANTS AND AWARDS

Recipient of **twelve NSF awards** to home institution totaling over **\$2.5M**.

National Science Foundation. Supplemental to award # 1461169 Independent Field Research in Ecology, Evolution and Behavior at Mountain Lake Biological Station. E. Nagy PI, E. Brodie co-PI. Division of Biological Infrastructure (DBI), Research Experiences for Undergraduates (REU-Sites), **\$26,367**, 5/2018 – 4/2019.

National Science Foundation. Supplemental to award # 1461169 Independent Field Research in Ecology, Evolution and Behavior at Mountain Lake Biological Station. E. Nagy PI, E. Brodie co-PI. Division of Biological Infrastructure (DBI), Research Experiences for Undergraduates (REU-Sites), **\$24,531**, 5/2018 – 4/2019.

- National Science Foundation. Ecology, Evolution and Behavior Field Research at Mountain Lake Biological Station. E. Nagy PI, E. Brodie co-PI. Division of Biological Infrastructure (DBI), Research Experiences for Undergraduates (REU-Sites), **\$553,324**, award # 1461169, 4/2015 – 3/2020.
- National Science Foundation. Laboratory Planning at Mountain Lake Biological Station. E. Nagy PI, E. Brodie co-PI. Division of Biological Infrastructure (DBI), Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine Laboratories (FSML), **\$24,998**, award # 1227098, 9/2012 – 8/2014.
- National Science Foundation. Supplement to award # 1005104 Independent Field Research in Ecology, Evolution and Behavior at Mountain Lake Biological Station. E. Nagy PI. Division of Biological Infrastructure (DBI), Research Experiences for Undergraduates (REU-Sites), **\$21,431**, award # 1137002, 6/2011 – 5/2012.
- University of Virginia. Grounds and Landscape Improvement at Mountain Lake Biological Station. E. Nagy and E. Brodie. University Grounds Improvement Fund and University Arboretum and Landscape Committee, **\$100,000**. 2010.
- National Science Foundation. Independent Field Research in Ecology, Evolution and Behavior at Mountain Lake Biological Station. E. Nagy PI, E. Brodie co-PI. Division of Biological Infrastructure (DBI), Research Experiences for Undergraduates (REU-Sites), **\$509,238**, award # 1005104, 5/2010 – 4/2016 (with 12mo. no-cost extension).
- University of Virginia. Planning for Grounds and Landscape Improvement at Mountain Lake Biological Station. E. Nagy and E. Brodie. University Grounds Improvement Fund, **\$25,000**. 2009.
- National Science Foundation. Winterization of Faculty and Student Residences at Mountain Lake Biological Station. E. Brodie PI, E. Nagy co-PI. Division of Biological Infrastructure (DBI), Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine Laboratories (FSML), **\$249,949**, award # 0731423, 10/2007–11/2011 (with 12mo. no-cost extension) (+\$250,000 UVA institutional match).
- National Science Foundation. Ecology, Evolution and Behavior Field Research at Mountain Lake Biological Station. E. Nagy PI. Division of Biological Infrastructure (DBI), Research Experiences for Undergraduates (REU-Sites), **\$446,935**, award # 0453380, 3/2005–2/2011.
- National Science Foundation. Request to Support a Strategic Planning Workshop for the Organization of Biological Field Stations. E. Nagy PI, S. Lohr and A. McKee co-PIs. Division of Biological Infrastructure (DBI), Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine Laboratories (FSML), **\$42,768**, award # 0328361, 8/2003–12/2005.
- National Science Foundation. Research Experiences for Undergraduates at Mountain Lake Biological Station. E. Nagy PI, H. Wilbur co-PI. Division of Biological Infrastructure (DBI), Research Experiences for Undergraduates (REU-Sites), **\$229,274**, award # 0097249, 6/2001–5/2005.

National Science Foundation. Computer Network Installation and Housing Renovation at Mountain Lake Biological Station. H. Wilbur PI, E. Nagy co-PI. Division of Biological Infrastructure (DBI), Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine Laboratories (FSML), **\$249,738**, award # 9978265, 9/1999-8/2002 (+\$250,000 UVA institutional match).

National Science Foundation. Research Experiences for Undergraduates at Mountain Lake Biological Station. E. Nagy PI, H. Wilbur co-PI. Division of Biological Infrastructure (DBI), Research Experiences for Undergraduates (REU-Sites), **\$150,000**, award # 9732155, 6/1998–5/2001.

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. M. Rejmanek PI, E. Nagy co-PI. **\$76,775**. Department of Parks and Recreation, State of California. 1989.

PUBLICATIONS

Nagy, E.S. 2019. A Safe and Dangerous and Magical Place. *Limnology and Oceanography Bulletin* 28(3). doi:10.1002/lob.10321

Wilson, A.E., J.L. Pollock, I. Billick, C. Domingo, E.G. Fernandez-Figueroa, E.S. Nagy, T.D. Steury, A. Summers. 2018. Assessing Science Training Programs: Structured undergraduate research programs make a difference. *BioScience* 68(1):529-534. doi:10.1093/biosci/biy052

Potter, S., S.G. Stafford, J.L. Travis, J.P. Collins, S.T.A. Pickett, C.B. Fenster, E.S. Nagy, M. Poston. 2015. Opportunities Abound: A call for leadership in the life sciences. *BioScience* 65(1):14-20. doi: 10.1093/biosci/biu202

Porter, J.H., E.S. Nagy, P.C. Hanson, T.K. Kratz, S.L. Collins and P. Arzberger. 2009. New Eyes on the World: advanced sensors for ecology. *BioScience* 59(5):385-397. doi: 10.1525/bio.2009.59.5.6

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. doi: 10.2307/2656747

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: 39-46. doi: 10.1674/0003-0031(1999)142[0039:CODAST]2.0.CO;2

- Nagy, E.S. 1997. Selection for native characters in hybrids between two locally adapted plant subspecies. *Evolution* 51: 1469-1480. doi: 10.1111/j.1558-5646.1997.tb01470.x
- 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: 1079-1089. doi: 10.1111/j.1558-5646.1997.tb03955.x
- Nagy, E.S. 1997. Frequency-dependent seed production and hybridization rates: Implications for gene flow between locally adapted plant populations. *Evolution* 51: 703-714. doi: 10.1111/j.1558-5646.1997.tb03654.x
- Zimmerman, M., E.S. Nagy and L. Galloway. 1987. Nectar dispersion patterns in three Australian plant species. *Australian Journal of Ecology* 12:183-188. doi: 10.1111/j.1442-9993.1987.tb00939.x

SIGNIFICANT AND FUNDED REPORTS

- 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.

INVITED RESEARCH SEMINARS

- Evolution in Two Natural Plant Hybrid Systems: The *Gilia* complex of California, and the *Monarda* of Mountain Lake. Virginia Polytechnic Institute and State University, Department of Biology, 1999.
- Ecological and Evolutionary Factors Influencing Gene Migration Between Two Subspecies in the *Gilia capitata* Complex. University of Virginia, Mountain Lake Biological Station, 1997.
- Ecological and Evolutionary Factors Influencing Gene Migration Between Two Subspecies in the *Gilia capitata* Complex. University of Maryland, Department of Plant Biology, 1996.
- Ecological and Evolutionary Factors Influencing Gene Migration Between Two Subspecies in the *Gilia capitata* Complex. / Ph.D. Dissertation. University of California, Center for Population Biology, 1995.
- Evolution in Natural Hybrid Plant Populations. University of California, Bodega Marine Laboratory, 1992.

CONTRIBUTED RESEARCH PRESENTATIONS

- Selection for Native Characters in Hybrids Between Two Locally Adapted Plant Subspecies. Society for the Study of Evolution, Annual Meeting, 1996.
- Local Adaptation in Two Subspecies of an Annual Plant: Implications for Migration and Gene Flow. Society for the Study of Evolution, Annual Meeting, 1994.
- Frequency Dependent Pollinator-Mediated Gene Flow in Hybrid Populations. Ecological Society of America, Annual Meeting, 1993.

Frequency Dependent Pollinator-Mediated Gene Flow in Hybrid Populations. Society for the Study of Evolution, Annual Meeting, 1993.

The Importance of Hard and Soft Selection in Natural Hybrid Populations. University of California, Center for Population Biology seminar series, 1993.

Gene Flow and Selection Among Local Adapted Plant Populations. University of California, Ecology Graduate Student Symposium, 1989.

INVITED PROFESSIONAL WORKSHOPS

Invited Participant, National Science Foundation workshop, "Enabling biodiversity research: The roles of information and support networks." The National Academy of Sciences, Washington DC, 2009.

UVA Herbarium Digitization Project: A model for the virtual distribution and preservation of valuable scientific collections. University of Virginia, Research Computing / Scholars' Lab Colloquia Series, Charlottesville Virginia, 2007.

Panel Member, American Distance Education Consortium (ADEC), "Research and education blurring: the challenges." Columbus Ohio, 2002.

Invited Participant, National Science Foundation workshop, "Enhancing educational opportunities at biological field stations and marine laboratories." Arlington Virginia, 2002.

GRADUATE AND POST-GRADUATE RESEARCH

Ecology and evolution of *Monarda*, *Silene*, and *Dryopteris* hybrid systems.

Ecological and evolutionary factors influencing gene migration between two subspecies in the *Gilia capitata* complex. Ph.D. dissertation. 1989 – 1995.

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. 1992 – 1994.

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 – 1991.

Influence of plant competition on grassland community structure and productivity. Research Assistant, K. Rice, Department of Agronomy and Range Science, UC Davis. 1990 – 1991

Spatial heterogeneity in morphological variation between sex morphs in gynodioecious *Nemophila menziesii*, Bodega Marine Lab, UC Davis. 1989.

The ecology and control of European Beachgrass, *Ammophila arenaria*, in state parks of northern California. With M. Rejmanek, Department of Botany, UC Davis. 1988 – 1989.

MENTORING

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

Undergraduate Students (REU program Mountain Lake Biological Station): Margaret Roberts (2011), Gabriel Lane (2010), Viankie Pagan (2009), 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

Scientific and Field Research Methods, Summer NSF REU-Sites Program, Mountain Lake Biological Station	1996 – pres.
Introduction of Evolution (EVE 100), UC Davis, C. Langley	1993
Evolutionary Biology of Plants (BOT 100), UC Davis, P. Foley, M. Stanton	1992, 1993
Introductory Survey of Botany (BOT 2), UC Davis, R. Thornton, D. Khyos	1989, 1990
Plant Ecology (BOT 117), UC Davis, M. Stanton	1989

NATIONAL SERVICE

American Institute of Biological Sciences (AIBS)

- Board of Directors, elected to four consecutive terms 2006 – pres.
 - Finance Committee 2006 – 2013
 - Personnel Committee, Chair 2014 2014, 2017, 2019
 - Executive Committee 2014 – 2017
 - Long Range Planning Committee 2010 – 2011, 2014 – 2016
 - Leadership in Biology Committee 2013 – 2015
 - Strategic Planning and Sustainable Development Committee 2019
 - Membership Activities and Priorities Committee 2019
- Council Member and OBFS Representative 2002 – pres.

BioOne

- Board of Directors 2018 – pres.
 - Nomination and Board Effectiveness Committee 2019 – pres.

Organization of Biological Field Stations (OBFS)

- Board of Directors 2000 – pres.
- Finance Committee 2017 – pres.
- Preventing Sexual Misconduct Working Group, Chair 2015 – 2017
- Nominations Committee, Chair 2008, 2010, 2012, 2016
- Governance Committee, Chair 2006 – pres.
- Auction Committee 2013 – pres.
- Past-President 2004 – 2006

• President	2002 – 2004
• Vice President	2000 – 2002
• Annual Meeting Host	1999
• MLBS Member Station Representative	1996 – pres.
Art and Science In the Field (AS IF)	
• Advisory Board	2016 – 2018
• Board of Directors	2019 – pres
National Ecological Observatory Network (NEON and including AIBS and NSF planning efforts)	
• Voting Member and AIBS Representative	2007– 2008
• Domain Science and Education Coordination Committee	2009
• “Red Team Review.” Washington, D.C.	2006
• 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 (NEON Domain 2)	
• Co-Leader	2003 – 2006
• Chair, Facilities Committee	2003 – 2006
• Representative, Consortium of Regional Ecological Observatories	2004 – 2006
SouthEast Regional Network of Expertise and Collections (SERNEC, an initiative of The Society of Herbarium Curators)	
• Steering Committee	2005 – 2010
Resource Discovery Initiative for Field Stations (NSF Project)	
• Steering Committee	2002 – 2006
Wilderness Conservancy at Mountain Lake	
• Advisory Board	2001 – 2009
• Environmental Consultant	2000, 2007
Sweet Briar College	
• External Assessor, Dept. of Biology Senior Research Symposium	2010
Discover Life Network, Polistes Foundation	
• Executive Committee	2010 – 2013.

UNIVERSITY OF VIRGINIA SERVICE

Harrison Undergraduate Research Awards, Faculty Reviewer	2017, 2018
Arboretum and Landscape Committee, Office of the Executive Vice President	
• Chair	2007 – 2009
• Committee Member	2002 – 2009
Science Precinct Site Selection Committee, Office of the Architect	2007
Committee on Public Art, Office of the Executive Vice President	2007 – 2009

Ad hoc Field Station Subcommittee, IACUC	2004 – 2005
Faculty-Student Mentoring Program, Office of African American Affairs	2003 – 2006
Mountain Lake Committee, Department of Biology	1996 – pres.

PROGRAM REVIEW PANELS

NSF Advisory Panels	2018, 2013, 2008, 2004
University Wisconsin-Milwaukee, Waukesha Field Station Planning	2019
University of New Hampshire, Shoals Marine Laboratory Planning	2016
Western Carolina University, Highlands Biological Station Review, Chair	2015
University of Massachusetts, Nantucket Field Station Review	2012
Texas Tech. University, Llano River Field Station NSF FSML Planning	2012
University of Cincinnati, Field Station Review	2010

JOURNAL EDITOR

Southeastern Naturalist	2015-2016
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PEER REVIEWER FOR PUBLICATION

Evolution, American Journal of Botany, Behavioral Ecology, Crop Science, Molecular Ecology, New Phytologist, Oecologia, Ecological Society of America, Southeastern Naturalist

PEER REVIEWER FOR GRANT PROPOSALS

National Science Foundation DEB and DBI	2001-2018
American Distance Education Consortium	2009

PROFESSIONAL MEMBERSHIPS

Organization of Biological Field Stations
 American Institute of Biological Sciences
 National Ecological Observatory Network

CERTIFICATIONS

Wilderness First Aid, SOLO / Wilderness Emergency Medicine
 CPR AED, American Heart Association
 CPR AED, ILCOR / American Heart Association