

CURRICULUM VITAE NALINI M. NADKARNI

PERSONAL DATA

Born: 13 October 1954; Bethesda, Maryland

Married: 1983, John T. Longino; Children: 1 son, 1 daughter

Contact: The University of Utah, Salt Lake City, UT 84112; phone: (360) 870-6632;

nalini.nadkarni@utah.edu; <https://nalininadkarni.com>

EDUCATION

B.S., Brown University, Providence, Rhode Island, 1976 (with honors); Junior Year Transfer to University of British Columbia, Vancouver, Canada, 1974–75

Ph.D., University of Washington, Seattle, College of Forest Resources, 1983

Fundamentals of Ecology Course, Organization of Tropical Studies, Costa Rica, summer, 1979

Post-Doctoral Research Associate, Southwest Texas State University, San Marcos, Texas, 1983–84

HONORARY DEGREES

Honorary Ph.D., Brown University, 2014

Honorary PhD., University of Indianapolis, 2020

RESEARCH INTERESTS

Community and ecosystem ecology of tropical and temperate forest canopies; the effects of forest fragmentation on biodiversity and community function; scientist-initiated engagement to scientifically unengaged public audiences; partnering of scientists and artists to enhance conservation of forests; science education for the incarcerated

PROFESSIONAL EXPERIENCE

2015-present: Professor of Biology, University of Utah, Salt Lake City, UT

2011- 2014: Director, Center for Science and Mathematics Education, University of Utah, Salt Lake City, UT

1991-2011: Member of the Faculty, The Evergreen State College, Olympia, Washington

1989–91: Director of Research, The Marie Selby Botanical Gardens, Sarasota, Florida

1984–89: Assistant Professor, University of California, Santa Barbara

ADJUNCT AND OTHER APPOINTMENTS

Affiliate Associate Professor, University of Washington, School of Forest Resources

Research Associate, Missouri Botanical Garden

Research Fellow, Brooklyn Fashion +Design Accelerator

Ordained Minister, United Life Church

PROFESSIONAL SOCIETIES

Ecological Society of America, Vice President for Education and Diversity, 2015-2018

Association for Tropical Biology, President, 2001; Council Member 2000-2001

International Canopy Network, Co-founder and President, 1994–present

HONORS AND AWARDS

Union of Concerned Scientists “Inspiring Scientist”, 2019

Distinguished Professor of Innovation and Impact, University of Utah, 2018

Osher Fellowship, The Exploratorium, 2018

Arts Summit Fellow, Kennedy Center for the Performing Arts, 2018

WINGS Worldquest Women of Discovery Lifetime Achievement Award, 2018

Ecological Society of America Fellow, 2016

The William Julius Wilson Award for the Advancement of Social Justice, Washington State University, 2015
 TIME Magazine names Nadkarni's bringing nature imagery to prisoners in solitary confinement as "One of the Best Inventions of 2014"
 Archie F. Carr Medal for Conservation, 2013
 Artist in Residency, Columbus College of Art and Design, 2012
 University of Utah Woman of Note, 2012
 American Association for the Advancement of Science Award for Public Engagement, 2011
 "Monito del Giardino Prize for Environmental Action, Florence, Italy, 2011
 National Science Foundation Board Public Service Award, 2010
 Education Award, Washington Correctional Association Conference, 2010
 Evergreen State College Faculty Achievement Award, 2010
 Playboy Honor Roll (Top 20 most innovative college professors in the USA, Playboy Magazine) 2010
 Award for Canopy Ecology, 5th International Canopy Conference, 2009
 Distinguished Alumni Award, Univ. of Washington College of Forest Resources, 2008
 Grace Hopper Lifetime Achievement Award, 2007
 Visiting Scholar, Helen Whiteley Center, University of Washington, 2006, 2007
 Robert Hefner Endowed Lecture, Miami University, 2005
 Distinguished Visiting Professor, University of Miami, 2003-2004
 John Simon Guggenheim Fellowship, 2001-02
 Association for Tropical Biology, President, 2001-02
 Board Member, The Nature Conservancy, 1998-2001
 J. Stirling Morton Award, The National Arbor Day Foundation, 1997
 Council Member, Association for Tropical Biology, 1994-97
 Jessie B. Cox Chair in Tropical Ecology, Selby Gardens, 1989-91
 Margery Stoneman Douglas Endowed Lecture, 1989
 University Fellowship, University of Washington, 1979-82
 English-Speaking Union Travel Fellowship, 1982
 Northwest Science Association Scholarship, 1981

ENDOWED LECTURES

Lytton J. Musselman Natural History Lecture, Old Dominion University, 2019
 Peter Safer Memorial Lecture, Society for Critical Care Medicine, 2016
 Robert Hefner Endowed Lecture, Miami University, 2005
 Pettigill Endowed Lectureship, University of Michigan, 2005
 Alice and Rolla Tryon Endowed Lecture in Tropical Botany, University of South Florida, 1996
 Jane and Whitney Harris Lectureship, International Center for Tropical Ecology, University of Missouri, 1994
 Morgan Endowed Lecture in Science, Appalachia College 1992

SCIENTIFIC ADVISORY BOARDS

Member, Advisory Committee, Biology Directorate, National Science Foundation (2010-present)
 Member, Committee for Public Understanding of Science and Understanding, AAAS (2007-2010)
 Member, Advisory Committee, National Alliance for Broader Impacts, 2017-present)
 Member, The Nature Conservancy Board of Trustees, Washington State (1990-2011); Utah (2011-present)
 Member, Center for Advancing Informal Science Education Advisory Board (2012-2018)
 Member, Hubbard Brook Research Foundation Advisory Board (2013-present)
 Member, National Geographic Explorer's Council (2014-present)
 Member, International Union for Forestry Research Organizations, Planning Committee, 2014

Steering Committee Member, National Alliance for Broader Impacts, 2015-present

EXTRAMURAL RESEARCH SUPPORT

- 2019-2021: National Science Foundation: Innovation and development strategies to scale and sustain training programs to engage “hard-to-reach” publics: The STEM Ambassador Program (\$999,207).
- 2016-2020: National Geographic Society: Creating and testing “Nature toolkits” – nature videos, soundscapes, and educational materials for the incarcerated (\$100,100)
- 2016-2020: National Aeronautics and Atmospheric Administration (NASA): Astrobiology lectures for the incarcerated (\$70,000)
- 2016-2019: National Science Foundation: NSF Includes: Alliance to Strengthen The STEM Tapestry (ASSisT): Exploratory Research on Identity Shifts that will Weave the STEM-Disenfranchised into Science (\$299,767).
- 2016-2020: Utah State Juvenile Justice Service: Initiative to Bring Science Programs to the Incarcerated - Youth Offender Program (\$360,000)
- 2016-2019: National Science Foundation. Innovations in Development for a Transformative Scientist-Driven Public Engagement Model: The STEM Ambassador Program (\$1,255,345).
- 2016-2019: National Science Foundation (with S. Gotsch & T. Dawson). RUI): Dry in the sky?: Ecophysiological Strategies and Drought Tolerance among Tropical Montane Cloud Forest Canopy Epiphytes (\$475,561).
- 2014-2019: Chevron Corporation. Bringing Science and Scientists to Rural Utah Middle Schools with remote technology for interactive exchange: Pilot Activities (\$5000).
- 2014-2019: Northrup Grumman Corporation: Enhancing the Presence of Minority STEM scientists in Public Engagement of Science: A Pilot Project (\$3000).
- 2013-2015: National Geographic Society, Use of Emotiv headsets to document impacts of nature imagery on emotions of nature-deprived individuals: (\$50,000).
- 2010-2014: National Science Foundation, Ecosystems Program, Early-Concept Grant for Exploratory Research: Transforming public engagement by ecosystem scientists from burden to benefit: The Research Ambassador Program (\$249,980).
- 2008-2009: Toyota/Audubon TogetherGreen Innovation Grant, Dancing for Diversity: Linking modern dance with rainforest conservation (\$55,000).
- 2008-2012: Washington State Department of Corrections, Sustainable Prisons, Sustainable Lives: Green prison reform in three corrections centers (\$613,000).
- 2006-2008: National Science Foundation, Opportunities to Promote Understanding through Synthesis Program: Ecological roles of forest canopy communities in a tropical montane forest: synthesis and dissemination (\$103,322).
- 2004-2007: National Science Foundation, Database Activities Program: Forest Canopy Databases and Database Tools – Branching Out to Ecological Synthesis (\$877,456) (with Judy Cushing).
- 2002-2003: National Science Foundation Informal Science Education Program: The Research Ambassador Program: empowering scientists to communicate research to public audiences (\$74,955)
- 2002-2003: National Science Foundation Database Activities Program: Expanding forest canopy databases and database tools - branching out to ecology (\$167,784) (with J. Cushing)
- 2003-2004: National Science Foundation Ecosystem Program (with K. Bawa & W.J. Kress): Travel support for an international conference on tropical ecosystems (\$52,310).
- 2002–04: National Geographic Society Conservation Trust: Ambassadors for conservation: enhancing scientific outreach to non-scientists. National Geographic Society (\$19,990).
- 2001–02: National Geographic Society Conservation Trust: An exploration of new ways to understand and conserve forest canopy biota. National Geographic Society (\$29,900).
- 2000–01: National Science Foundation Ecosystem Program (with K. Bawa & W.J. Kress): Travel support for an international conference on tropical ecosystems (\$52,310).

- 2001–02: National Science Foundation Ecosystem Program (with K. Bawa & W.J. Kress): Workshops to articulate and disseminate research priorities in tropical biology (\$24,090).
- 1999–2003: National Science Foundation Database Activities Program (with J. Cushing): Databases and database tools for canopy science – what trees can teach us about integrating database use into the research process (\$721,181).
- 1999–2003: Andrew W. Mellon Foundation (with J. J. Ewel). Temporal changes in functional differences among life forms and their consequences for ecosystem processes in tropical forests. (\$184,000).
- 1999–2003: National Science Foundation Ecology Program: Effects of disturbance and global climate change on tropical cloud forest canopy communities: an experimental approach (\$370,117).
- 1999–2000: National Science Foundation International Program: The articulation and dissemination of collaborative visions for forest canopy research: an international workshop (\$29,520).
- 1997: Murdock Charitable Trust Partners in Science Award: Participation of a high school teacher in study of canopy moss biology in the Pacific Northwest (\$7,000).
- 1996–98: National Science Foundation Database Activities Program (with J. Cushing): Enhancing researcher and site productivity at shared research facilities: database tools for analyzing forest canopy information (\$180,000).
- 1996–98: National Science Foundation Long-Term Research in Environmental Biology: Long-term studies of canopy communities in Monteverde, Costa Rica (\$80,000).
- 1996–97: National Science Foundation Database Activities Program (with J. Cushing): Database support for shared ecological research sites (\$168,000).
- 1993–95: National Science Foundation Database Activities Program (with G. Parker): The analysis of three-dimensional spatial information of tree and forest canopy structure: a planning grant (\$132,873).
- 1992–94: National Geographic Society Research Grant: Investigation of the floristics and distribution of epiphytes in a neotropical cloud forest (\$20,450).
- 1990–93: National Science Foundation Research Grant Ecosystems Program: The role of epiphytes in cloud-forest nutrient cycles: models and mechanisms (\$236,000).
- 1987–89: National Science Foundation Research Grant Ecology Program: The role of canopy organic matter in cloud forest nutrient cycles (\$199,200).
- 1988–89 and 1989–90: National Science Foundation Research Experience for Undergraduates Grant Supplement: Ecological aspects of canopy organic matter in a neotropical cloud forest (\$8,000).
- 1989–90: Institute of Museum Services Conservation Project: Use of model bar code labeling system for plant specimens at the Marie Selby Botanical Gardens (\$25,000).
- 1989–90: California Space Institute (with J. Melack): Incorporation of three-dimensional treemapping into forest radar models (\$17,500).
- 1987–91: Whitehall Foundation: Use of computer graphics to portray three-dimensional dynamic biological systems (\$89,000).
- 1985, 1986, 1991: National Geographic Society Research Grant: The ecology of epiphytes in cloud forest ecosystems (\$35,400).
- 1983: Sigma Xi Grant-in-Aid: Uptake of nutrients by adventitious canopy roots using radioisotopes (\$200).
- 1981–83: Man and the Biosphere Research Grant (with C. Grier): The role of epiphytes in temperate and tropical rainforest nutrient cycling (\$50,000).

INTRAMURAL RESEARCH SUPPORT FROM THE UNIVERSITY OF UTAH

Public Engagement grant from UU Athletics Department for the “Sports ‘n Science” program

INTRAMURAL RESEARCH SUPPORT FROM THE EVERGREEN STATE COLLEGE

Evergreen Faculty Sponsored Research awards: 1996, 1998, 2001 (\$3,000 each).

Evergreen Foundation Fund for Innovation Awards: 1999, 2002 (\$5,000 each).
Evergreen Provost Fund: Feasibility study for Forest Canopy Walkway Project (\$7,600).

REVIEWED MANUSCRIPTS FOR:

Science, Ecology, Forest Ecology and Management, American Journal of Botany, Selbyana, Biotropica, Madroño, Journal of Tropical Ecology, Oecologia, Plant and Soil, Pedobiologia, National Geographic, Ecosystems, Lichenologist, Geoderma, Journal of Vegetation Science, Biological Conservation, Wadsworth Publishing Company, Cambridge University Press, Oxford University Press, University of California Press, Cornell University Press, Journal of Insect Conservation, Trends in Ecology and Evolution, Frontiers in Ecology and the Environment, Journal of Applied Ecology

REVIEWED PROPOSALS FOR:

National Science Foundation (Ecology and Ecosystems Programs, Biotic Surveys and Inventories, Research Initiation at Minority Institutions Program, U.S. Latin America Cooperative Science Program), Organization for Tropical Studies, National Geographic Society Committee on Exploration and Research, Florida State Game and Fresh Water Fish Commission, Washington State Biodiversity Initiative, National Oceanographic and Atmospheric Administration, National Geographic Society Conservation Trust

PANEL MEMBER FOR:

National Science Foundation (Research Experience for Undergraduates Panel, Doctoral Dissertation Improvement Grant Panel, Biological Facilities Program, Committee of Visitors, Long-term Ecological Studies Programs); National Research Council Committee on Biodiversity, NSF Biology Directorate.

INVITED ACADEMIC SEMINARS AND WORKSHOPS: (2004–present)

University of Minnesota, University of California (Riverside, Santa Cruz, Davis), Wellesley College, California State College, Missouri Botanical Gardens, California Academy of Sciences, University of Florida, Fairchild Tropical Gardens, National Science Foundation Workshop on Tropical Soil Organic Matter, University of Hawaii, University of Florida, University of South Florida, Oak Ridge National Laboratory, Miami Univ., University of Washington, Appalachian State University, Museum of Science at Boston, Oregon State University, Cary Arboretum Institute for Ecosystems Studies, Brown University, Stanford University, University of Miami, Pacific Lutheran University, Central Washington University, Western Washington University, University of Georgia, Auburn University. University of British Columbia, University of California at Channel Islands, Valencia Community College, St. Mary's College of Maryland, University of Michigan, University of Georgia, Washington State University (Graduate student choice), Lewis and Clark College, University of North Dakota, Georgia Technical University, Northern Arizona University, University of Massachusetts at Amherst, University of Utah, Oregon State University, University of Florida, Colorado State University, Kenyon College, McGill University, Columbus College of Art and Design, California Academy of Sciences, Chicago Botanic Garden, International Society of Arborists, Kellogg Biological Station, Michigan State University, Utah State University, Utah Valley University, University of Washington, Whitman College, Nassau Community College, Arizona State University, Colorado State University, Brigham Young University, University of Georgia, Swarthmore College, University of Pennsylvania, Washington State University, Society for Critical Care Medicine, University of Virginia, University of Idaho, University of California Davis, Pitzer College, Utah State University, University of Washington, Stanford University, Old Dominion University, Duke University, Baylor College of Medicine, National Socio-Environmental Synthesis Center, Virginia Theological Seminary, Poet's House (NYC), Wartburg Theological Seminary, University of Vermont.

UNIVERSITY OF UTAH COMMITTEES

Search Committee for the Dean of the Dental School
Creative Campus Initiative
"Re-imaging" the General Education Curriculum Committee
Arts Alliance at Research Universities, Mellon Foundation
Campus-wide IT Overview
Presidential Task Force for K-12 Science and Math Teacher Preparation
Graduate Student Admissions Committee, Biology Department

GRADUATE STUDENT TRAINING

Ray Callaway, Ken Hobson, Ken Clark (Univ of California, Santa Barbara)
Patricia Townsend, Stephanie Bohlman, Camila Tejo, Johanna Castillo, (Univ. of Washington)
Sarah Clarke, Evan Johnson, Amber Neilson, Scott Hollis, Adrian Wolf, Dennis Aubrey
(Evergreen State College), Joanna Varner, Jacob Chalmers, Autumn Amici (Univ. of Utah)

POST-DOCTORAL TRAINING

Dr. Eric Vance; Dr. Anne McIntosh; Dr. Stephen Yanoviak, Dr. Kimberly Sheldon

SCIENTIFIC PUBLICATIONS AND CONTRIBUTIONS:

- Gressitt, J. L. and N. M. Nadkarni. 1979. The ecology of Mt. Kaindi: Montane forest ecology of Papua New Guinea. Wau Ecology Handbook No. 5.
- Bledsoe, C. S., N. M. Nadkarni, W. Littke, and R. Edmonds. 1981. Use of cellulose filters for infection of the mycorrhizal fungus *Hebeloma crustuliniforme* in Douglas-fir seedlings. *Soil Biology and Biochemistry* 112: 45-47.
- Nadkarni, N. M. 1981. Canopy roots: convergent evolution in rainforest nutrient cycles. *Science* 213: 1024-25 (with cover photograph).
- Nadkarni, N. M. 1984. Biomass and mineral capital of epiphytes in an *Acer macrophyllum* community of a temperate moist coniferous forest, Olympic Peninsula, Washington State. *Canadian Journal of Botany* 62:2223-2228.
- Nadkarni, N. M. 1985. Canopy plants of the Monteverde Cloud Forest Reserve (Spanish and English version). Tropical Science Center information pamphlet.
- Nadkarni, N. M. 1984. Epiphyte biomass and nutrient capital of a neotropical elfin forest. *Biotropica* 16:249-256.
- Nadkarni, N. M. 1986a. The nutritional effects of epiphytes on host trees with special reference to alteration of precipitation chemistry. *Selbyana* 9:44-51.
- Nadkarni, N. M. 1986b. An ecological overview and checklist of epiphytes in the Monteverde Cloud Forest. *Brenesia* 24:55-62.
- Nadkarni, N. M. 1988. Tropical ecology from a canopy perspective. *Memoirs of the California Academy of Sciences*. 12:189-208.
- Fonteyn, P., M. Stone, M. Yancy, J. Baccus, and N. M. Nadkarni. 1988. Determination of community structure by fire. In *Edwards Plateau Vegetation: Plant ecological studies in central Texas*, edited by B. Amos and F. Gehlbach. Baylor University Press.
- Nadkarni, N. M. 1988. Use of a portable platform for observation of animal behavior in tropical tree canopies. *Biotropica* 20:350-51.
- Nadkarni, N. M., and R. Primack. 1989. A comparison of mineral uptake by above- and below-ground roots of *Salix syringiana* using gamma spectrometry. *Plant and Soil* 113:39-45.
- Grier, C., K. Lee, N. M. Nadkarni, G. Klock, and P. Edgerton. 1989. Productivity of forests of the United States and its relation to soil and site factors and management practices: a review. General Technical Report PNW-GTR-222, Pacific Northwest Research Station, U.S. Forest Service, U.S. Department of Agriculture.
- Nadkarni, N. M., and T. Matelson. 1989. Bird use of epiphyte resources in neotropical trees. *The Condor* 69:891-907.
- Nadkarni, N. M., and R. Primack. 1989. The use of gamma spectrometry to measure within-plant nutrient allocation of a tank bromeliad, *Guzmania lingulata*. *Selbyana* 11:22-25.

- Vance, E., and N. M. Nadkarni. 1990. Microbial biomass and activity in canopy organic matter and the forest floor of a tropical cloud forest. *Soil Biology and Biochemistry* 22:677-684.
- Nadkarni, N. M., and J. Longino. 1990. Macroinvertebrate communities in canopy and forest floor organic matter in a montane cloud forest, Costa Rica. *Biotropica* 22:286-89.
- Callaway, R., N. M. Nadkarni, and B. Mahall. 1990. Blue oaks and pasture productivity: is there a relationship? *Fremontia* 37: 42-43.
- Longino, J., and N. M. Nadkarni. 1990. A comparison of ground and canopy leaf litter ants (Hymenoptera:Formicidae) in a neotropical montane forest. *Psyche* 97:81-94.
- Nadkarni, N. M. 1991. Review of *Vascular Epiphytes*, by D. Benzing. *J. Bromeliad Society* 41:263.
- Callaway, R., N. M. Nadkarni, and B. Mahall. 1991. Facilitation and interference of *Quercus douglasii* on understory production in central California. *Ecology* 72:1484-89.
- Nadkarni, N. M., and T. Matelson. 1991. Litter dynamics within the canopy of a neotropical cloud forest, Monteverde, Costa Rica. *Ecology* 72:2071-82.
- Clark, K. C., and N. M. Nadkarni. 1991. A bar code plant inventory system. *The Public Garden* 6:32-34.
- Callaway, R., and N. M. Nadkarni. 1991. Seasonal patterns of nutrient deposition in a *Quercus douglasii* woodland in central California. *Plant and Soil* 137:209-22.
- Nadkarni, N. M., and T. Matelson. 1992. Biomass and nutrient dynamics of epiphyte litterfall in a neotropical cloud forest, Costa Rica. *Biotropica* 24:24-30.
- Vance, E., and N. M. Nadkarni. 1992. Root biomass distribution in a moist tropical montane forest. *Plant and Soil* 142: 31-39.
- Nadkarni, N. M., and T. Matelson. 1992. Biomass and nutrient dynamics of fine litter of terrestrially rooted material in a neotropical montane forest, Costa Rica. *Biotropica* 24:113-120.
- Nadkarni, N. M., and K. Ferrell-Ingram. 1992. A bibliography of biological literature on epiphytes: an update. *Selbyana* 13:3-24.
- Nadkarni, N. M. 1992. The conservation of epiphytes and their habitats: summary of a discussion at the international Symposium on The Biology and Conservation of Epiphytes. *Selbyana* 13:140-142.
- Matelson, T. J., N. M. Nadkarni, and J. T. Longino. 1993. Survivorship of fallen epiphytes in a neotropical cloud forest, Monteverde, Costa Rica. *Ecology* 74:265-269.
- Maffia, B., N. M. Nadkarni, and D. P. Janos. 1993. Vesicular-arbuscular mycorrhizae of epiphytic and terrestrial Piperaceae under field and greenhouse conditions. *Mycorrhiza* 4:5-11.
- Ingram, S., and N. M. Nadkarni. 1993. Composition and distribution of epiphytic organic matter in a neotropical cloud forest, Costa Rica. *Biotropica* 25:370-383.
- Nadkarni, N. M. 1994. Diversity of species and interactions in the upper tree canopy of forest ecosystems. *American Zoologist* 34:321-330.
- Nadkarni, N. M. 1994. Factors affecting the initiation and elongation of above-ground adventitious roots in a tropical cloud forest tree: an experimental approach. *Oecologia* 100:94-97.
- Nadkarni, N. M., and G. G. Parker. 1994. A profile of forest canopy science and scientists — who we are, what we want to know, and obstacles we face: results of an international survey. *Selbyana* 15:38-50.
- Nadkarni, N. M. 1995. Good-bye, Tarzan: the science of life in the treetops gets down to business. *The Sciences* 35:28-33.
- Bohlman, S. T. Matelson, and N. M. Nadkarni. 1995. Moisture and temperature patterns of canopy humus and forest floor soils of a montane cloud forest, Costa Rica. *Biotropica* 27:13-19.
- Matelson, T. J., N. M. Nadkarni, and R. Solano. 1995. Tree damage and annual mortality in a montane forest in Monteverde, Costa Rica. *Biotropica* 27:441-47.

- Nadkarni, N. M., T. Matelson, and W. Haber. 1995. Structural characteristics and floristic composition of a neotropical cloud forest, Monteverde, Costa Rica. *Journal of Tropical Ecology* 11:481-95.
- Nadkarni, N. M. 1996. Review of: *Tropical Forests: Management and Ecology*. In *Forest Science*, edited by A. Lugo and C. Lowe, 42:252-53.
- Nadkarni, N. M., G. G. Parker, E. D. Ford, J. B. Cushing, and C. Stallman. 1996. The International Canopy Network: a pathway for interdisciplinary exchange of scientific information on forest canopies. *Northwest Science*: 70:104-08.
- Ingram, S. W., K. Ferrell-Ingram, and N. M. Nadkarni. 1996. Floristic composition of vascular epiphytes in a neotropical cloud forest, Monteverde, Costa Rica. *Selbyana* 17:88-103.
- Clark, K. L., N. M. Nadkarni, D. Schaefer, and H. L. Gholz. 1998a. Cloud water and precipitation chemistry in a tropical montane forest, Monteverde, Costa Rica. *Atmospheric Environment* 32:1595-1603.
- Clark, K. L., N. M. Nadkarni, D. Schaefer, and H. L. Gholz. 1998b. Atmospheric deposition and net retention of ions by the canopy in a tropical montane forest, Monteverde, Costa Rica. *Journal of Tropical Ecology* 14:27-45.
- Clark, K. L., N. M. Nadkarni, and H. L. Gholz. 1998c. Growth, net production, litter decomposition, and net nitrogen accumulation by epiphytic bryophytes in a tropical montane forest. *Biotropica* 30:12-23.
- Ghosal, S., A.V. Muruganandam, S. Chauhan, K. Kawanishi, K. Saiki, and N. M. Nadkarni. 1999. Crown humus: Part I - The chemistry of the canopy organic matter of rain forests in Costa Rica. *Indian Journal of Chemistry. Section-B, Organic including Medicinal*. 38: 67-75.
- Nadkarni, N. M. 1999. Bridging gaps between science and society. Giant Screen Theater Association Conference. Proceedings of a Symposium in Giant Screen Films and Lifelong Learning, 28-32.
- Nadkarni, N. M., A. R. Cobb, and R. Solano. 2000. Interception and retention of macroscopic bryophyte fragments by branch substrates in a tropical cloud forest: an experimental and demographic approach. *Oecologia* 122:60-65.
- Nadkarni, N. M. 2000. Colonization of stripped branch surfaces by epiphytes in a lower montane cloud forest, Monteverde, Costa Rica. *Biotropica* 32:358-363.
- Lyons, B., N. M. Nadkarni, and M. P. North. 2000. Spatial distribution and succession of epiphytes on *Tsuga heterophylla* (western hemlock) in an old-growth Douglas-fir forest. *Canadian Journal of Botany* 78:957-68.
- Nadkarni, N. M., M. C. Merwin, and J. Nieder. 2001. Forest canopies: plant diversity. In *Encyclopedia of Biodiversity*, edited by S. Levin, 27-40. Academic Press, San Diego, California, U.S.A.
- Cobb, A. R., N. M. Nadkarni, G. A. Ramsey, and A. J. Svoboda. 2001. Recolonization of Bigleaf Maple branches by epiphytic bryophytes following experimental disturbance. *Canadian Journal of Botany* 79:1-8.
- Nadkarni, N. M., and J. B. Cushing. 2001. Lasers in the jungle: the canopy database project. *Ecological Bulletin* 82:200-01.
- Nadkarni, N. M. 2001. Enhancement of forest canopy research, education, and conservation in the new millennium. *Plant Ecology* 153:361-67.
- Merwin, M., S. R. Gradstein, and N. M. Nadkarni. 2001. Epiphytic bryophytes of Monteverde, Costa Rica. *Tropical Bryology* 20:63-70.
- Gradstein, S. R., D. Griffin III, M. I. Morales, and N. M. Nadkarni. 2001. Diversity and habitat differentiation of mosses and liverworts in the cloud forest of Monteverde, Costa Rica. *Caldasia* 23:203-12.
- Merwin, M. C. and N. M. Nadkarni. 2001. 100 years of tropical bryophyte and lichen ecology: a bibliographic guide to the literature from 1901–2000. *Tropical Bryology* 21:97-118.
- Nadkarni, N. M., D. A. Schaefer, T. J. Matelson, and R. Solano. 2002. Comparison of arboreal and terrestrial soil characteristics in a lower montane forest, Monteverde, Costa Rica. *Pedobiologia* 46:24-33.

- Chandra, A., and N. M. Nadkarni. 2002. Four realizations of forest canopy retranslocation data. Proceedings of the 2002 International Conference on Auditory Display, Kyoto, Japan, July 2–5, 2002.
- Nadkarni, N. M. Trees and spirituality: an exploration. Northwest Dharma News 15:10-13.
- Nadkarni, N. M. and R. Solano. 2002. Potential effects of climate change on canopy communities in a tropical cloud forest: an experimental approach. *Oecologia* 131:580-84.
- Nadkarni, N. M. 2002. In the treetops: life in the rainforest canopy. *World Book Science Year Book* 2003:54-67.
- Nadkarni, N. M. 2002. When preaching to the choir isn't preaching to the choir: churches, trees, and environmental perspectives. *Environmental Practitioner* 4:188-190.
- Hietz, P., Wanek, W., Wania, R., and N. M. Nadkarni. 2002. ¹⁵N natural abundance in a montane cloud forest canopy as an indicator of nitrogen cycling and epiphyte nutrition. *Oecologia*. 131: 350-355.
- Merwin, M., S. Rentmeester, and N. M. Nadkarni. 2003. The influence of host tree species on the distribution of epiphytic bromeliads in experimental monospecific plantations, La Selva, Costa Rica. *Biotropica* 35:37-47.
- Yanoviak, S. P., N. M. Nadkarni, and J. Gering. 2003. Arthropods in epiphytes: a diversity component not effectively sampled by canopy fogging. *Biodiversity and Conservation* 12:731-741.
- Gradstein, S. R., N. M. Nadkarni, T. Kromer, I. Holz, & N. Norse. 2003. A protocol for rapid and representative sampling of vascular and non-vascular epiphyte diversity of tropical rain forests. *Selbyana* 24:105-111.
- Cushing, J. B., B. Bond, R. Dial, and N. M. Nadkarni. 2003. How trees and forests inform biodiversity and ecosystem informatics. *Computing in Science and Engineering* 5:32-43.
- Rains, K. C., N. M. Nadkarni, and C. S. Bledsoe. 2003. Epiphytic and terrestrial mycorrhizas in a neotropical cloud forest, Costa Rica. *Mycorrhiza* 13:257-264.
- Reich, A., J. J. Ewel, N. M. Nadkarni, T. Dawson, and R. D. Evans. 2003. Nitrogen isotope ratios shift with plant size in tropical bromeliads. *Oecologia* 137:587-590.
- Yanoviak, S. P., G. Kragh, and N. M. Nadkarni. 2003. Spider assemblages in Costa Rican cloud forests: effects of forest level and forest age. *Studies on Neotropical Fauna and Environment* 38:145-154.
- Yanoviak, S. P., H. A. Walker, and N. M. Nadkarni. 2004. Arthropod assemblages in vegetative vs. humic portions of epiphyte mats in a neotropical cloud forest. *Pedobiologia* 48:51-58.
- Nadkarni, N. 2004. Not preaching to the choir: communicating the importance of forest conservation to nontraditional audiences. *Conservation Biology* 18:602-606.
- Bawa, K.S., W. J. Kress, N. M. Nadkarni, S. Lele, P. H. Raven, D. H. Janzen, A.E. Lugo, P.S. Ashton, & T.E. Lovejoy. 2004. Tropical ecosystems into the 21st century. *Science* 306:227-228.
- Nadkarni, N. M. and M. Sumera. 2004. Old-growth forest canopy structure and its relationship to throughfall interception. *Forest Science* 50:290-298.
- Van Pelt, R. and N. M. Nadkarni. 2004. Horizontal and vertical distribution of canopy structural elements of *Pseudotsuga menziesii* forests in the Pacific Northwest. *Forest Science* 50:326-341.
- Van Pelt, R., S.C. Sillett, and N.M. Nadkarni. 2004. Quantifying and visualizing canopy structure in tall forests: methods and a case study. Pages 49–72 in Lowman, M. and B. Rinker, eds. *Forest Canopies*, 2nd edition. Elsevier, Boston, MA.
- Nadkarni, N. M., D. A. Schaefer, T. J. Matelson, and R. Solano. 2004. Biomass and nutrient pools of canopy and terrestrial components in a primary and a secondary montane cloud forest, Costa Rica. *Forest Ecology and Management* 198:223-236.
- Schonberg, L., J. T. Longino, N. M. Nadkarni, S. P. Yanoviak, and J. Gering. 2004. Arboreal ant species richness in primary forest, secondary forest, and pasture habitats of a tropical montane landscape. *Biotropica* 36:402–409.

- Fischer, A., and N. M. Nadkarni. 2005. Moss conservation behind bars: prison inmates help researchers cultivate threatened mosses. *Conservation in Practice* 6:35-36.
- Clark, K.C., N. M. Nadkarni, and H. L. Gholz. 2005. Retention of inorganic nitrogen by epiphytic bryophytes in a tropical montane forest. *Biotropica* 37: 328-336.
- Nadkarni, N. M. 2006. The moss-in-prison project: disseminating science beyond academia. *Frontiers in Ecology and the Environment* 4:442-443.
- Yanoviak, S.P., N. M. Nadkarni, and R. Solano. 2006. Arthropod assemblages in epiphyte mats of Costa Rican cloud forests. *Biotropica* 36: 202–210.
- Nadkarni, N. M. 2007. Ecological outreach to faith-based communities. *Frontiers in Ecology and the Environment* 5: 332-333.
- Cushing, J.B., N.M. Nadkarni, M. Finch, A.C.S. Fiala, E. Murphy-Hill, L. Delcambre, and D. Maier. 2007. Component-based end-user database design for ecologists. *Journal of Intelligent Information Systems*. 29: 7-24.
- McIntosh, A.C.S., Cushing, J.B., Nadkarni, N.M., and Zeman, L. 2007. Database design for ecologists: composing core entities with observations. *Ecological Informatics* 2:224–236.
- Hopkin, M. 2007. Dance of the forest. *Nature* 450:172.
- Nadkarni, N. M., A.C.S. McIntosh, and J. B. Cushing. 2008. A conceptual framework to categorize perceptions and understanding of forest structure. *Forest Ecology and Management* 256: 872–882.
- Ulrich, C. and N. M. Nadkarni. 2009. Sustainability research in enforced residential institutions: collaborations of ecologists and prisoners. *Environment, Development, and Sustainability* 11:815.-825.
- Wolf, J. H. D., S. R. Gradstein, and N. M. Nadkarni. 2009. A protocol for sampling vascular epiphyte richness and abundance. *Journal of Tropical Ecology* 25:107-121.
- Nadkarni, N. M., and W. A. Haber. 2009. Canopy seed banks as ‘time capsules’ of biodiversity in pasture remnant tree crowns. *Conservation Biology* 23:1117-1126 (with cover photograph by J. Longino).
- Rousk, J. and N. M. Nadkarni. 2009. Growth measurements of saprotrophic fungi and bacteria reveal differences between canopy and forest floor soils. *Soil Biology and Biochemistry*.41:862-865.
- Kennedy, P. J. L. Schouboe, R. H. Rogers, M. G. Weber, and N. M. Nadkarni. 2009. *Frankia* and *Alnus rubra* canopy roots: an assessment of genetic diversity, propagule availability, and effects on soil nitrogen. *Microbial Ecology*. DOI 10.1007/s00248-009-9587-8.
- Osmond, D., N. Nadkarni, C. T. Driscoll, E. Andrews, A. J. Gold, S. Broussard Allred, A. Berkowitz, T. Loecke, M. McGarry, K. Schwarz, M. Washington, and P. M. Groffman. 2010. The role of interface organizations in science communication and understanding. *Frontiers in Ecology and the Environment* 8:306-313.
- Nadkarni, N. 2011. A tapestry of green and brown. In: *The Colors of Nature: Culture, Identity, and the Natural World* Paperback, A. Deming and L. Savoy, eds. Milkweed Press.
- Dial, R.J., Nadkarni, N.M. & Jewell, C.D. 2011. Canopy structure in a 650-year Douglas-fir chronosequence in western Washington: distribution of canopy elements and open space. *Forest Science*, 57, 309–319.
- Nadkarni, M., G. G. Parker, and M. D. Lowman. 2011. Forest canopy studies as an emerging field of science. *Forest Science*. 68:217–224.
- Nadkarni, N. M. 2012. The future we want. Essay for the RIO+20 website for the United Nations. <http://www.un.org/en/sustainablefuture/nadkarni.shtml>
- Stasch, A., C. LeRoy, K. Bush, N. Nadkarni, and D. Pacholke. 2012. Interpreting in prisons: the sustainability in prisons project. *Legacy*. June/July 2012. 12-20.
- Liang Song, Wen-Yao Liu, and N. Nadkarni. 2012. Response of non-vascular epiphytes to simulated climate change in a montane moist evergreen broad-leaved forest in southwest China. *Biological Conservation* 152:127–135.

- Nadkarni, N. M. and A. Stasch. 2013. How broad are our broader Impacts? Analysis of the National Science Foundation's Ecosystems Program and the Broader Impacts requirement. *Frontiers in Ecology and the Environment*. 11:13–19. doi:10.1890/110106
- Aubrey, D.A., N. M. Nadkarni, and C. P. Broderick. 2013. Patterns of moisture and temperature in canopy and terrestrial soils in a temperate rainforest, Washington. *Botany (formerly Canadian Journal of Botany)* 91: 739-744.
- Sheldon, K., and N. Nadkarni. 2013. Spatial and temporal variation of seed rain in the canopy and on the ground of a tropical cloud forest. *Biotropica* 45:549–556.
- Sheldon, K. and N. Nadkarni. 2013. The use of pasture trees by birds in a tropical montane landscape in Monteverde, Costa Rica. 2013. *Journal of Tropical Ecology* 29:459–462.
- Tejo Haristoy, C., D. Zabowski, and N. Nadkarni. 2014. Physical and chemical characteristics of canopy soils of Sitka spruce (*Picea sitchensis*) and bigleaf maple (*Acer macrophyllum*) in the Queets River Watershed, Washington State. *Soil Science Society of America* 78: S118-S124.
- Nadkarni, N. 2014. Into the light: bringing science education to the incarcerated. Dimensions, Association for Science and Technology Centers. September/October 2014.
- Nadkarni, N. 2015. Not Such Strange Bedfellows: Underserved Public Audiences as Collaborators for Ecologists. pp. 333-347 in: R. Rozzi et al. (eds.), *Linking Ecology and Ethics for a Changing World: Values, 333 Philosophy, and Action, Ecology and Ethics* 1, Springer Science Business Media Dordrecht.
- Tejo Haristoy, C., D. Zabowski, and N. Nadkarni. 2015. Total and epiphyte litter under the canopy of *Acer macrophyllum* stands in an old-growth temperate rainforest, Washington State, USA. *Canadian Journal of Forest Research* 45:1654-1661.
- Gotsch, S., N. Nadkarni, A. Darby, M. Dix, A. Glunk, and T. Dawson. 2015. Life in the treetops: ecophysiological strategies of canopy epiphytes in a tropical montane cloud forest. *Ecological Monographs* 85:393–412.
- Chalmers, J., K. Mock, K. Kohl, and N. Nadkarni. 2015 Clonality and dynamics of leaf abscission of Gambel Oaks at small spatial scales in Utah. *Forest Science* 61:829-833.
- Sheldon, K.S. and N.M. Nadkarni. 2015. Reproductive phenology of epiphytes in Monteverde, Costa Rica. *Revista de Biología Tropical* 63: 1119-1126.
- Gotsch, S.G., N. M. Nadkarni, and A. Amici. 2016. The functional roles of epiphytes and arboreal soils in tropical montane cloud forests. *Journal of Tropical Ecology*. 1-14.
- Gotsch, S. N. Nadkarni, A. Darby, A. Glunk, M. Dix, Davidson, and Todd Dawson. 2017. Life in the treetops: ecophysiological strategies of canopy epiphytes in a tropical montane cloud forest. *Ecological Monographs* 83:393-412.
- Nadkarni, N., L. Schnacker, P. Hasbach, T. Thys, and E. Gaines. 2017. From orange to blue: how nature imagery affects inmates in the "Blue Room". *Corrections Today* 79:36-41.
- Nadkarni, N. M. 2017. Fallen: A transdisciplinary tale of disturbance and recovery. *Critical Care Medicine* 45:348-355.
- Nadkarni, N., P. Hasbach, T. Thys, E. Gaines, and L. Schnacker. 2017. Impacts of nature imagery on people in severely nature-deprived environments. *Frontiers in Ecology and the Environment*. 15:395-403.
- Dangerfield, C., N. M. Nadkarni, and W. Brazelton. 2017. Canopy soil bacterial communities altered by severing host tree limbs. *PeerJ*. DOI 10.7717/peerj.3773.
- Nadkarni, N. M. and J. Morris. 2018. Informal science education for a novel public audience: Baseline attitudes and impacts of science lectures on content knowledge and values of science among incarcerated populations. *Science Communications* 40:718-748.
- Nadkarni, N. M., and K. Kohl. 2019. Elements of disturbance that affect epiphyte vitality in a temperate rainforest: an experimental approach. *Journal of Plant Ecology* 12:306-313.
- Nadkarni, N. M., C. Q. Weber, S. V. Goldman, D. L. Schatz, S. Allen, and R. Menlove. 2019. Beyond the deficit model: the Ambassador Approach to public engagement. *BioScience* 69:305–313.

- Amici, A., N. Nadkarni, J. Seger, and E. DiBlasi. Contrasting effects of host tree isolation on population connectedness in two tropical epiphytic bromeliads. 2019. *American Journal of Botany*. 106a; 1602-1611. Doi: 10.1002/ajb2.1391.
- Amici, A., N. Nadkarni, C. Williams, and S. Gotsch. Differences in epiphyte biomass and community composition along landscape and within-crown spatial scales. *Biotropica* 10.1111/btp.12725.
- Jian-Wei Liu; Shau-Fu Li; Chin-Ting Wu; Iván A. Valdespino; Ho-Ming Chang; Te-Yu Guu; Mei-Fang Kao; Clive Chesson; Sauren Das; Hank Oppenheimer; Ane Bakutis; Peter Saenger; Noris Salazar Allen; Jean W. H. Yong; Bayu Adjie; Ruth Kiew; Nalini Nadkarni; Chun-Lin Huang; Peter Chesson; Chiou-Rong Sheue, Ph. D.; Jia-Fang Ho; Yeh-Hua Wu. Gigantic chloroplasts, including bizonoplasts, are common in shade-adapted species of the ancient vascular plant family Selaginellaceae. *American Journal of Botany* 107:1–15.
- Nadkarni, N. 2020. Faith and science as partners in environmental awareness and Creation Care: An ecologist's view. *Currents in Theology and Mission* 47:41-48.
- Horns, J. J., N. Nadkarni, and A. Anholt. 2020. How repeated exposure to informal science education affects content knowledge of and perspectives on science among incarcerated adults. *PLoS ONE* 15(5): e0233083. [https://doi.org/ 10.1371/journal.pone.0233083](https://doi.org/10.1371/journal.pone.0233083)
- Nadkarni N. M., J. S. Morris, J. R. Trivett, K. Bush, B. T. Davey, H. B. Davis, A. Anholt, and D. Scalice. 2020. Impacts of astrobiology lectures on knowledge and attitudes about science in incarcerated populations. *Astrobiology* 20:1262–1271.
- Williams, C., J. Murray, A. Glunk, T. Dawson, N. Nadkarni, and S. Gotsch. 2020. Vascular epiphytes show low physiological resistance and high recovery capacity to episodic, short-term drought in Monteverde, Costa Rica. *Functional Ecology (Early View)* <https://doi.org/10.1111/1365-2435.13613>.

BOOKS

- Lowman, M. L., and N. M. Nadkarni. 1995. *Forest canopies*. Academic Press, San Diego, California, U.S.A.
- Nadkarni, N. M., and N. T. Wheelwright. 2000. *Monteverde: the ecology and conservation of a tropical cloud forest*. Oxford University Press, New York, New York.
- Nadkarni, N. M. 2008. *Between Earth and sky: our intimate connections with trees*. University of California Press, Berkeley, CA.
- Nadkarni, N. M. 2011. (translation into Italian). *Tra la Terra e il Cielo. La vita segreta degli alberi*. University of California Press, Berkeley, CA.

BOOKS FOR CHILDREN

- Williams, J. 2004. *Exploring the rain forest treetops with a scientist*. Enslow Publishers, Berkley Heights, New Jersey
- Sneed Collard III. 2006. *In the rainforest canopy*. Marshall Cavendish. Tarrytown, New York.
- Johnson, J. and N. Nadkarni. 2006. *Kingfisher Voyages*. Kingfisher. Boston, Massachusetts. [An NSTA-CBC *Outstanding Science Trade Books for Students K-12* selection by the National Science Teacher Association].
- Williams, J. 2008. *Explorando la Selva Tropical Con una Cientifica/Exploring The Rain Forest With A Scientist*. Spanish and English versions. Enslow, New Jersey.

BOOK READINGS (for *Between Earth and Sky, October 2008-April, 2009*)

- Seattle Town Hall, University of Washington Bookstore, Seattle, Washington
 Powell's Books, Portland Oregon
 Village Books, Bellingham, Washington
 Orca Books, Olympia, Washington
 Bloedel Reserve Botanical Garden, Bainbridge Island
 Kings English Books, Salt Lake City

SCIENTIFIC CONFERENCES (since 2007)

Society for Critical Care Medicine, Opening Plenary, Honolulu, HI, 2017
Ecological Society of America, Symposium on collaborations between ecologists and artists, August, 2007, San Jose, CA
Ecological Society of America, Symposium on ecologists' outreach to non-traditional public outreach, August 2008, Milwaukee, WI
Ecological Society of America, Workshop on public outreach by scientist, Pittsburgh, PA
Informal Science Education Principal Investigators' Conference, Washington, DC, July 2008
Public Understanding of Science and Technology, Malmö, Sweden, July 2008
International Union for the Conservation of Nature, "Beyond Jargon" – science outreach panel, November 2008, Barcelona, Spain
International Soil Ecology Conference, Wageningen, The Netherlands, October 2007
Cary Conference, Institute for Ecosystems Studies, New York, May, 2009
5th International Canopy Conference, Bangalore, India, October 2009.
Ecological Society of America, August 2010, 2011, 2012.
International Society of Arborists, 2012
New England Grows, Boston, 2014
Environmental Humanities for the 21st Century, Arizona State University, 2014
Monteverde-Arenal Conservation for the Bioregion, Costa Rica, 2014
Ecological Society of America, August 2015, Portland, Oregon
National Alliance for Broader Impacts, Skamania, WA 2015, 2018, 2019
Ecological Society of America, August 2016, Ft. Lauderdale, FL
Ecological Society of America, August 2017, Portland, OR

POETRY AND HUMANITIES PUBLICATIONS

Nadkarni, N. 2017. Branching out. pp 22-40 in: Nature Love Medicine: essays on wildness and wellness. ed. T. Fleishner. Torrey Press.
Nadkarni, N. 2011. A tapestry of browns and greens, in *The colors of nature: culture, identity, and the natural world*, A. Deming and L. Savoy, eds. pp. 249-260. Milkweed Edition.
Nadkarni, N. 2010. Green I love you green. in *Poetry July-August*, pp. 343-345.
Nadkarni N. 2017. Green I love you green. in: *Who Reads Poetry?* Fred Sasaki and Don Share, eds. University of Chicago Press. Chicago, IL
Nadkarni, N. 2007. Portrait of the artist as a young sapling: trees as artists and mobile entities. *Science Creative Quarterly*. Issue 3.
Nadkarni, N. and F. Gander. 2019. *Between Earth and Sky: Our Intimate Connections with Trees*. Poetry-Science Reading. Poet's House, New York City.

PUBLIC LECTURES

Earth Day, University of Vermont, Keynote, 2020
University of Indianapolis, Graduation speech
National Science Teachers Association, Keynote, Seattle, WA 2019
National Science Teachers Association, Keynote, Detroit, MI, 2018
National Geographic Live! Washington, D.C. 2017
National Geographic Live! Olympia, Washington, 2016
Chautauqua, Chautauqua, New York, 2016
Brown University Baccalaureate Speech, 2014
TED Conference, Long Beach, CA, February, 2009, 2010
Audubon Society of Washington keynote speaker, July 2007
Association for the Study of Literature and the Environment, keynote speaker, March 2007
Jefferson Center Conference, keynote speaker, August 2007
New York City Celebration of Education, keynote speaker, January 2007
NGS Live! Washington DC, April, 2009; November 2014
Keynote talk, International Society of Arboriculture meeting, Chicago, 2010

Arthur Whiteley Lecture, San Juan Island, 2010
School of Athens Lecture, Port Townsend, 2010
Conference for Research in Forestry and Environmental Studies, Yale University, keynote speaker, 2010
Alice and Rolla Tryon Endowed Lecture in Tropical Botany, University of South Florida, 1996.
Jane and Whitney Harris Lectureship, International Center for Tropical Ecology, University of Missouri, 1994.
Morgan Endowed Lecture in Science, Appalachian State College, 1992.
Margery Stoneman Douglas Endowed Lecture, University of South Florida, 1989.
Live..from National Geographic, Seattle Lecture Series 2000, 2017; 2019
Celebrations for Teaching and Learning, WNET Thirteen 2007.

POPULAR ARTICLES AND COMMUNICATIONS

Articles concerning research in adult popular magazines:

Boston Globe (1987), *National Geographic* (December 1991 and January 1996); *Glamour* (1990); *Audubon* (September 1998); *Brown Alumni Monthly* (July 1995), *New York Times* (1992, 1994), *The Evergreen Review* (1996), *Natural History* (February 1985), *Pacific Magazine*, *The Seattle Times* (October 1995, January, 2000), *New York Times*, *International Herald Tribune* (September 2003), *The Olympian* (2004-26); *The New York Times* (2004, 2005); *Discover* 2006, *American Forester*, 2007.

Articles concerning research for children's magazines:

Highlights for Children (October 1992); *Ranger Rick* (December 1995); *Boy's Life* (April 1998); *Dragonfly* (April 1996); *Scholastic News for Kids* (April 2002), *Scholastic Scope for Teens* (March 2002).

Radio programs:

RadioWest, 2014, 2020
Wait Wait...Don't Tell Me, 2019
ShortWave, 2019
Science Friday, 2018
To the Best of our Knowledge, 2017
RadioLab, 2013, 2015
Between Earth and Sky (book discussion), KUER, 2016
Earth and Sky Science Reports, Canadian Public Broadcasting (1998); KAOS interview (2002); NPR Morning Edition, 2005, 2006, 2007; WBEZ/NPR, 2010.

Internet communication:

Online "live chat" on *Scholastic Discovery Online* (1997); *Grist online magazine* journal (2001; <http://gristmagazine.com/dearme/nadkarni042902.asp>).

Television programs:

The Infinite Voyage, WQED (1988); *The Second Voyage of the Mimi*, Bank Street College of Education (1989); *Good Morning, America* (1992); *Oregon Coast Guide* (1994); *Bill Nye the Science Guy*, PBS (1997); *Living in Tall Trees*, TV Asahi (1997); *Anyplace Wild*, (1998); *NBC Dateline* (1999); *National Geographic Today* (2003); *Dragonfly TV for Kids* (2003); *Wild Chronicles* 2006, *KCTS Connects*, 2008, 2010; CNN's *The Next List*, 2012, MSNBC, 2015

Films:

Tropical Rainforests — IMAX movie produced by the Minnesota Museum of Science (1992); *Heroes of the High Frontier* (National Geographic Society Television Special, 1999; Emmy Award for Best Documentary Film, 2000).

Women's Leadership Activities

Women in Science as Authors, Marriott Library display, University of Utah, 2019

“Noisy Women” podcast, 2018
NPR “Source of the Week” – providing diverse voices to media outlets
University of Washington Women Evolving Biological Sciences (WEBS), Workshops 2009, 2010
Utah’s “Women to Watch”, 2013
University of Utah Women in Science panel, 2013
Women’s Leadership Summit, presented, 2015
Featured Professor for Women Scientists for Women’s History Month
Women in Science Panel, College of Science, University of Utah, 2012
WEBS 2007, 2008: Mentoring faculty for ADVANCE-sponsored mentoring workshop for junior women faculty, Pack Forest, University of Washington
ADVANCE Women’s Luncheon Discussion, April 2009
Expanding Your Horizons (mentoring 6th grade girls in science careers), keynote speaker, February 2007

Interdisciplinary Symposia:

Canopy Confluence: Integrating Ecology with Environmental and Social Justice, Swarthmore College, 2015
Transdisciplinary Colloquium on Disturbance, Recovery, and Relict Structures, University of Utah, 2014-2015
Art-Science Chautauqua on trees and forests, The Evergreen State College, Olympia, Washington, 8 April–3 May, 2003.
Exploring connections between art and science to study natural history: a symposium, International Canopy Network and Monteverde Studios, Monteverde, Costa Rica, May 6–9, 2002.
Eco-agro-urban visions: new structures integrating architecture and nature, University of Hawaii and the International Canopy Network, Honolulu, Hawaii, 4–6 March, 1999.
Developing the forest canopy researcher’s workbench: computer tools for the 21st Century. An NSF-sponsored workshop for computer scientists and canopy researchers, The Evergreen State College, Olympia, Washington, March 15–18, 1995.