MARGARET DALZELL LOWMAN

Global Arbornaut, Conservation Biologist, Educator/Mentor, Author

Sarasota Florida Citizenship: USA

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EDUCATION

2006	Aldo Leopold Leadership Fellowship Program
2004	Disney Leadership Institute for Biodiversity
2002	Tuck School of Business, Dartmouth College, Executive Management Certificate
1983	University of Sydney, Australia. Ph.D. Botany
1978	University of Aberdeen, Scotland. M.Sc. Ecology
1976	Williams College, MA. B.A. Biology, cum laude, minor in Environmental Studies

EMPLOYMENT

2025- on	**Adjunct Professor of Forestry & Natural Sciences, Purdue University**
2020-21	**Visiting Professor**, National University of Singapore, Geography/Biol Sci/Env Sciences
2020-22	**Adjunct Professor**, Arizona State University School of Sustainability; Elmira College
2000-on	**Director, TREE Foundation** (www.treefoundation.org) that focuses on local and global tree research, education, and exploration, with emphasis on getting kids into nature
2014 - 19	**California Academy of Sciences, Lindsay Chair in Botany/Senior Scientist in Plant Conservation** with oversight to strategies for global research/collections and sustainability leadership; inaugural **Chief of Science and Sustainability**, with oversight to ~100 research staff, stewardship of 45+ million collections, budget ~ $ 7 mil, creating sustainable initiatives throughout all research programs, hiring diversity in STEM, and **Director of Global Initiatives**, serving as an external science voice for global partnerships including Amazon citizen science and Malaysian rain forest bioblitz
2010 -14	**Director**, Nature Research Center, NC Museum of Natural Sciences (including oversight to global initiatives and academic partnerships); and **Research Professor**, College of Sciences, NC State University; oversaw construction, staffing and programs for NRC.
2003 - 14	**Science columnist**, News & Observer, Charlotte Tribune, NC; Herald Tribune, FL
2003 - 10	**Director of Environmental Initiatives**, and **Professor of Biology and Environmental Studies**, New College of Florida, and Sarasota County Regional Government Science Outreach Partnership; started environmental studies academic program at NCF
1999 - 2003	**Chief Executive Officer**, Selby Botanical Gardens, FL and grew budget from $2 mil to $3.5 mil during my tenure
1992 - on	**Adjunct Professorships** at Williams College, Univ of Florida, Univ of South Florida (Tampa), New College of Florida, Ringling School of Art & Design, FL, Jimma University (Ethiopia), Bahir Dar University (Ethiopia), San Francisco State University
1992 - 99	**Director of Research & Conservation** and **Jessie Cox Chair in Tropical Botany**, Selby Botanical Gardens, FL
1989 - 92	**Visiting Professor of Biology & Environmental Studies**, Williams College, MA
1983 - 89	**Co-manager**, Ruby Hills Pastoral Company, Walcha NSW Australia
1978 - 89	**Lecturer in Adult Education**, **Botany and Zoology**, University of New England, Sydney University Australia

ACADEMIC FELLOWSHIPS

2019-20 Visiting Professor, National University of Singapore
2018-22 Research Professor, Universiti Sains Malaysia, Penang; and Arizona State University
2018 Fellow, Rachel Carson Center, Ludwig Maximilian University, Munich Germany
2013 **Fulbright Senior Specialist Scholar to Ethiopia**
2011 **Fulbright Senior Specialist Scholar to India**
2010 Visiting Scholar, Oxford University, UK
1983 - 87 Australian Research Council Postdoctoral Fellowship
1983 Sydney University, Australian Museum Award for postgraduate research
1979 - 83 Sydney University Fellowship
1976 - 77 Duke University Fellowship

PROFESSIONAL HONORS

2023 - on Chair, Heroes of the Planet leadership team for Voiijer APP
2023 Tallburg Foundation environmental leadership award
2023 **The Explorers Medal, the Explorers Club NYC**
2019-on Science Advisor, Earthwatch Institute; Explorer and Travel Expert, National Geographic
2019 External Assessor for biology major programs, Universiti Sains Malaysia
2019 Faculty mentor at Oxford University summer conservation student workshops
2019-on **Appointed to Board of Advisors for Scientific American**
2018 San Francisco Business Times "Woman of Influence" (3rd time); member of National Science Foundation Advisory Comm for Environmental Research & Education.
2018 Fellow at Rachel Carson Center, University of Munich, Germany
2017-22 Appointed Research Professor at Universiti Sains Malaysia, Penang
2016-20 Member of National Science Foundation Advisory Committee for International Science and Engineering; visiting professor at Bahir Dar University, Ethiopia
2015 Elected Fellow of California Academy of Sciences
2015 Honorary Doctorate in Science & commencement speaker, Elmira College
2014 Honorary Doctorate in Science & commencement speaker, Wilson College
2014 **Roy Chapman Andrews Distinguished Explorer Award**
2014 Selected as one of San Francisco's "50 Distinguished Women Business Leaders"
2014 Invited keynote speaker, EO Wilson Biodiversity Symposium, Alabama; bestowed title of "Her Highness" by EO Wilson (as Sylvia Earle is "Her Deepness")
2013 Rolex Foundation juror to select youth award finalists
2012 Rolex invited Forum speaker at Rolex Awards Ceremony, New Delhi India
2012 Appalachian State University, commencement speaker
2012 Invited to serve on White House Women and the Environment Summit
2010 Research Fellow, Environmental Change Institute, Oxford University, UK
2010 Dictor-Martin Civic Award, Year of Biodiversity Leadership, Sarasota
2009 ACE (Achievements in Canopy Ecology) international award, Bangalore, India
2009 Selected as Florida Trend Business Magazine "Icon" for February 2009
2009 Tampa FL Women's history month honoree for "conservation of the planet"
2008 - 13 **Fulbright Board Senior Specialist Scholar status**
2008 - on Elected to Earthwatch Board of Directors
2008 Elected Fellow of Wings WorldQuest, honoring women in exploration
2007 - 09 Science Advisor for Climate Change to Florida CFO, Alex Sink
2007 - 09 Elected Vice President for Research and Education, The Explorers Club & re-elected)
2007 Florida Society of Botanical Artists - Gaia Award for Excellence

2007	Appointed to NEON Education Tiger Team (National Ecological Observatory Network)
2007	**Mendel Medal for achievement in science & spirit, Villanova University**
2006 - on	Advisory Board, Plants with Purpose (links deforestation to poverty & finds solutions)
2006 - 12	Elected Vice President for Education & Human Resources, Ecological Society of America (and re-elected)
2006	Aldo Leopold Leadership Fellow
2006	**Lowell Thomas Medal for Biodiversity Exploration, The Explorers Club**
2006	Nominated for Weizmann Women and Science Award
2005 - 11	Elected to the Board of Directors, The Explorers Club (and re-elected)
2005 - 08	**NEON senior design team** (co-wrote $350 mil grant for ecological observatories)
2004	**Chief Scientist, The Jason Project** in Science Education w/Bob Ballard - Panama: Rain Forests at the Crossroads, with virtual talks to > 3 million students
2003	Disney Leadership Institute for Biodiversity (with World Wildlife Fund)
2003	Woman in Power Award, National Council of Jewish Women (NCJW)
2003	Certificate of Honor, Sarasota County Commission on the Status of Women
2003	**Asteroid (10739) Lowman** named by Carolyn Shoemaker, US Dept. of Interior
2002	Kilby Laureate medalist, honored for pioneering rainforest canopy science
2002	**Ecological Society of America, Eugene P Odum Award for Excellence in Ecology Education**
2001 - 04	Elected by Williams College alumni as Board of Trustees Tyng Administrator
2001	Florida Gubernatorial appointment to Board of Directors, New College of Florida
2001	AABGA Award for Program Excellence for creating two elevated canopy walkways, one at Selby Gardens and one at Myakka State Park
2000	Girls, Inc. Visionary Award for Public Science & Education Outreach
2000	**Williams College Bicentennial Medal for achievements in tropical botany**
2000	Phi Delta Gamma Educators' Award for book, Life in the Treetops
1999	Margaret Douglas Medal from National Garden Club of America for Conservation Education
1999	**Chief Scientist, The Jason Project** in Science Education w/Bob Ballard - Amazon, Peru
1999	Board of Scientific Advisors, Amazon Center for Education & Environmental Research
1998	Selection to Leadership Florida, Class XVI
1997	Elected Fellow of The Explorers Club
1995 - on	Board of Scientific Advisors, Intl. Center for Tropical Biology, University of Missouri
1994	**Chief Scientist, The Jason Project in Science Education w/Bob Ballard – Belize,** reaching > 3 million middle-school students
1994	Girl's Incorporated "She Knows Where She's Going" Award for mentoring girls in science
1993	Pew Scholar nominee in Conservation Biology
1992 - 99	Selby Gardens, appointed to The Jessie B. Cox Endowed Chair in Tropical Botany
1991 - 98	Education Board, Massachusetts Tropical Conservatory
1990 - 95	Board of Science Advisors, Earthwatch
1976	Williams College, Dwight Botanical Prize
1974	Williams College, Geology Summer Field Camp Scholarship
1972 - 76	Williams College, Dean's List

ADMINISTRATIVE and EDITORIAL ACTIVITIES

2019	Co-Editor, volume on Malaysian Biodiversity Survey, Penang Hill – USM Press.
2017	Leader of Malaysia Bio-Blitz, funding and organizing 117 scientists to survey a

	UNESCO world heritage rain forest site in Penang (65% women participants, first whole-forest survey including canopy and forest floor, first local-n-global collaborations for each taxon and over 1400 findings)
2014 - 16	Chair of 3 summits, California Academy of Sciences: Forest Summit, Eye on the Environment: Drones for Conservation, and Women in Science – fund-raising, program development, and student engagement
2014 - 16	Inaugural Chief of Science and Sustainability, California Academy of Sciences (duties included: increase staff diversity, create salary equity, update financial reporting, inspire teamwork, integrate research with other divisions, add sustainability to all research portfolios, and serve as editor California Academy of Sciences Proceedings)
2016	Committee for 7th International Canopy Conference, London UK
2013	Co-editor, Treetops at Risk, edited volume from the 2009 Canopy Conference, India
2012	Co-chair (with Demetria Mondragon), 6th Intl. Canopy Conference, Oaxaca Mexico
2012	National Science Foundation, PIRE (Programs for International Research and Education) review panel
2011	National Science Foundation, Macrobiology review panel
2011 - 14	Chair, Teen Advisory Board for NC Museum of Natural Sciences (first teen advisory board of any global museum)
2010 - 14	Founding Director, Nature Research Center, wing of NC Museum of Natural Sciences (fund-raise, oversee construction, and set up innovative programs for NC Museum, including Academic partnerships from NC system for each museum laboratory)
2010	Chair, Informal Science Education panel (NSF); review panel, NSF Synthesis Centers
2009	Chair, Science Committee, The Explorers Club
2009	Co-chair (with Kamal Bawa), 5th International Canopy Conference, India
2007 - 09	Vice President for Research and Education, The Explorers Club
2006 - 12	Vice President Education & Diversity, Ecological Society of America (2 elected terms)
2005 - 09	Director of New College/Sarasota County government science partnership
2003 - 10	Inaugural Director of Environmental Initiatives, New College of Florida
2001 - 10	Founder of Science and Environment Council, Sarasota County (& Chair 2001-2003)
1998 - 2000	Finance Committee, Leadership Florida
1998	Co-chair (with Francis Hallé, France), 2nd International Canopy Conference: Global Perspectives (with participants from 35 countries)
1995 - 98	Tropical studies initiative committee, European Science Foundation (ESF)
1994	Co-chair (with Francis Hallé, France), 1st International Canopy Conference (with participants from 28 countries)
1993 - 09	Association for Tropical Biology & Conservation, Secretary-Treasurer
1992 - 99	Editor for *Selbyana* (botanical journal)
1989 - 92	Williams College, Center for Environmental Studies Faculty Committee
1987 - 89	Association for Tropical Biology, elected Councilor
1979 - 80	Sydney University, student representative to Board of Biological Sciences
1977 - 78	Duke University, Advisory Committee to Dean
1977 - 78	Duke University, Faculty Search Committee

Reviewer including *Science, Oecologia, Biotropica, Austral Ecology, National Science Foundation*, *Selbyana, Phytologia, Ecological Monographs, Journal of Ecology, European Science Foundation, Austrian Science Foundation, Earthwatch, Biological Journal of the Linnean Society, Smithsonian Institution, Journal of Tropical Ecology, National Geographic, Conservation Biology, African Journal of Agriculture, Ecology, Frontiers in Ecology and the Environment, Universiti Sains Malaysia,* and many academic book publishers and other journals.

BUSINESS EXPERIENCE

2020-on Founded MISSION GREEN to fund canopy walkways in the highest biodiversity forests

2000-on Co-founder and CEO, TREE Foundation, including fund-raising, mission of tree research education and exploration, active local, national and global.

2014 - 16 Chief of Science & Sustainability, California Academy of Sciences, with ~$7 mil annual budget and ~ $14 mil grants for research, exploration, collections, and staff, including:

- Re-structured Institute for Biodiversity Science and Sustainability,
- Created leadership team including new Director of Collections and CFO
- Revised annual reviews to include peer-reviews,
- Established revised and more efficient financial reporting,
- Sought operational practices that led to increased effectiveness of research
- Increased gender equity in both payroll and hiring practices
- Infused "sustainability" into the culture of research activities
- Created first Director of Collections position to oversee 46 mil collections

2010 - 13 Director, Nature Research Center, NC Museum of Natural Sciences, a $65 million science research and education technology wing of the state museum. Oversaw construction, assisted with fund-raising, created programs, and hired a new team of scientists (first museum in the world with > 50% female curators) who combined cutting-edge research with innovative science communication. Science staff received $11.7 million in grants during our first year and was the most visited public destination in North Carolina!

2008-10 Sustainability consultant to Tommy Hilfiger Foundation

2008 Chair, Mission/Vision committee, The Explorers Club (1st mission revision after 101 years)

2000 - on Founder & Executive Director, TREE Foundation, a 501(c)(3) organization dedicated to tree research, exploration, and education (http://treefoundation.org)

1999 - 2003 CEO of Marie Selby Botanical Gardens, Sarasota, day-to-day operations of botanical garden including strategic planning, programs, fundraising and staffing, with highlights:

- Budget up 25% over 4 years; membership up 46%
- Budget deficit (of prior administration) moved into the black
- Implemented ongoing training and professional development for staff
- Initiated global partnerships including Sister Garden relationships w/ Jardín Botánico Lankester, Cartago Costa Rica; Fundación Jardín Botánico de Orinoco, Ciudad Bolívar Venezuela and Cienfuegos Botanical Garden, Cuba
- Completed renovations to historic Mansion; new perimeter delineation; new events pavilion; additional parking spaces (all under-budget); property acquisitions to expand Gardens
- Named one of America's Top Ten Botanical Gardens in 2003
- Donor levels and annual appeals up over four-fold; first half-million-dollar gifts in the history of the Gardens; raised $2.2 million for Capital Campaign, most by direct solicitation; over 900 volunteers/yr. whose hours represented > $1.5 million value-added
- Opened Center for Canopy Ecology; expanded research department to include gesneriads, canopy ecology and conservation; living collections expanded by 102%

1994 - 2009 Treasurer, Association for Tropical Biology: created annual budgets, initiated computerized accounting, and set up the Society's first endowment

1992 - on Co-founder, Canopy Construction Associates, a company that constructs canopy walkways for research and education institutions worldwide; continued consultant on

	selection of canopy walkway sites from a biodiversity perspective (www.canopyconstruction.com); now, part of Signature Research Company
1992 - 99	Director of Stark Research Center, Selby Gardens: oversaw administration, budget, grants, data collection, public relations, conferences, and outreach for eight staff and twenty-one volunteers; raised > $ 2 million for botanical research
1983 - 90	Managed family agricultural operation, "Ruby Hills" merino fine wool sheep and Poll Hereford stud cattle operation in outback Australia: budgeting, oversight to genetics and breeding, agricultural products, record-keeping, maintenance of extensive property, shearing operations, bed-and-breakfast, and other aspects of a weather-related, market-driven business
1981 - 89	Administered Earthwatch field expeditions in Australia, including budgets, purchasing, travel logistics, data analyses, and publications
1977 - 78	Environmental Protection Agency (part time) , air pollution regulation division, Research Triangle
1972 - 76	Assistant, Payroll Office (part time), Williams College (to fund college education)
1967 - 75	Science camp counselor and teacher, Burgundy Center for Wildlife Studies, WV

TEACHING EXPERIENCE

2024- on	**National Geographic travel expert, with lectures on natural history travel**
2020-2	Adjunct Professor, Elmira College "Sustainable Fashion" course for Tommy Hilfiger Fashion Business Institute
2018 on	Numerous Zoom lectures to middle schools about rain forest canopies and conservation
2017	Re-instituted Jason Learning program, leading a team of teachers/students in Malaysia
2017	Celebrated 23st summer of teaching citizen science field expedition on "tropical canopy ecology" in Amazonian Peru
2011 - 14	**Professor of Science, North Carolina State Universit**y including citizen-science courses in tropical ecology; science communication training
2010-on	Mentor for underserved girls at Meg Lowman Treetops Camp, rural NY each summer
2004 - 10	Director of Environmental Initiatives, New College of Florida, with full teaching load
2004 - 07	Leader of New College Foundation natural history trips to Amazon, Galapagos, and Belize for fund-raising
2004	Florida Science Teachers Association - leader of Panama rain forest workshop
2003 - 10	**Professor of Biology and Environmental Studies, New College of Florida**: Plant Ecology (Intro. and Advanced), Communities and Ecosystems, Environmental Issues senior tutorial, The Role of Women in Natural History, Science Outreach in Local Schools (SOS), Conservation Biology, The Ecology of Extreme Environments, Climate Change, Canopy Ecology, Science Education, Tropical Ecology; field courses to Antarctica, Belize, Galapagos, and Amazon
1998 - on	Instructor for Williams College Alumni expeditions to global destinations
1994-03	Distance learning with Jason Project (virtual expeditions to Belize, Panama, Amazon) that reached millions of middle school students and their teachers
1994	University of South Florida, Biology Department Adjunct - Conservation Biology
1993 - 96	New College of Florida, Biology & Environmental Studies Department Adjunct - Conservation Biology, Environmental Botany, and Plant Ecology
1992 - on	Numerous lectures for schools, civic clubs, and institutions (addressed over 5 million students and citizens in year 2000 alone, in part with distance learning)
1992	University of Minnesota - Conservation Biology (field course, Lake Itasca)
1989 - 92	**Williams College, Visiting Professor of Biology and Environmental Studies** -Tropical Rainforests: Politics, Economics, Biology; Communities and Ecosystems; Environmental

	Studies 101; International Environmental Policy (senior tutorial); Conservation Biology; Women as Natural History Writers (tutorial)
1986	Williams College, Biology Department - Australian Ecosystems, field course in Australia
1983 - 87	University of New England, Australia, Botany Dept. - Agronomy, General Biology
1981 - 89	Earthwatch, Principal Investigator, 10 field research expeditions in Australia
1979 - 82	Sydney University, Lecturer, Adult Education Department - Plant Taxonomy, Plant Ecology, Beginning and Advanced sections
1979 - 82	Sydney University, Teaching Assistantships - Plant Physiology, Plant Ecology, Plant & Animal Biology, Botanical Methods, and Natural Resources Ecology
1975 - 76	Williams College, Teaching Assistantships - Field Botany, Environmental Biology, Advanced Plant Ecology

TEACHING OUTREACH & INNOVATIVE EDUCATION

2024	Featured canopy scientist in National Geographic Magazine
2022	"Centerfold" for National Geographic's 2023 Kids Almanac, focused on trees
2020-on	Virtual "meet-a-scientist" programs during COVID-19 pandemic (>100/year)
2019	Invited participant National Geographic Explorers festival, rain forest think tank, and plant conference
2019	Documentary film, A Woman who Climbs Trees, as a woman in field biology
2018-20	Led Williams College alumni trips to Nepal/Bhutan, Amazon, Costa Rica, Turkiye etc Numerous skypes with K-12 classrooms and school assemblies about rain forests, well over 5,000 youth annually by hosting ~ 25+ broadcasts
2018	National Geographic Explorer - assessing church forests, Ethiopia as critical reservoirs of herpetofaunal diversity
2017	**JasonLearning** expedition to Malaysia to study rain forest biodiversity, Penang
2016	Keynote for Jason Learning, a revival of original Jason Expeditions Washington DC
2014	**TEDx** Livermore, CA invited speaker: "How to Raise a Girl Scientist"
2014	Various innovative outreach activities: featured in Google Hangout, blog for Huffington Post, Scientific American Forum, numerous distance learning "meet-a-scientist" to middle schools in ~ 10 states (who study my canopy research as statewide Science Next Generation Standards), CBS news interview on canopy access for mobility-limited students; focus on social media (with ~202,000,000 hits during 2014)
2014	Featured in **National Geographic TV** show, How to Climb a Tree (host: David Rees)
2012 - 13	Created virtual "meet-the-scientist" programs in NC Museum of Natural Sciences' Daily Planet technology theater; hosted EO Wilson & others in "global town halls"; gave > 100 public talks to communicate and inspire fundraising for Museum's Nature Research Center; trained new staff to develop visual lab programs/grants/communication
2012	Featured by National Geographic as their "real-life Lorax"; called "Einstein of the treetops" by Wall Street Journal
2012	Invited delegate to the **White House Summit on Women and the Environment**
2010	Co-chair, National Summit in Ecology Education entitled: Environmental Education for a Sustainable World in Washington DC
2010	Featured in Popular Science Magazine college issue: Top Ten Cool College Labs
2010	Featured in Oprah Magazine: Women Taking Risks
2010	Funded and hosted Rapid Response Training for Invasive Pythons in SW Florida
2009	Press (& Florida cabinet) delegate to UNFCCC (climate change meetings, Copenhagen)
2009	Florida Trend Magazine - Icon for February issue (audience mainly business leaders)
2008 - on	**Meg Lowman Treetops Camp** - science mentor to at-risk teenage girls, annual camp
2008	Funded and hosted Invasive Reptile workshop for state of Florida

2008	PASI - National Science Foundation graduate workshop, taught canopy ecology in Peru
2008	Pierian Academy, served on faculty for adult ecology education
2007	Featured in National Geographic Explorer, Natural History, and Smithsonian magazines for canopy exploration
2007	"No Child Left Indoors" proclamation to city and county of Sarasota; charter for Ecological Society of America and other environmental groups
2006 - on	Website: www.canopymeg.com (~2 million hits per year)
2006	Feature article, Smithsonian Magazine
2005 - 15	**Science columnist *Nature's Secrets***: North Carolina's News & Observer and Charlotte Tribune, Sarasota Herald Tribune newspaper
2004 - 10	Tutored New College of Florida students in environmental outreach: leading hikes in local parks and creating hands-on science activities in local middle schools; 53 students participated and earned County Environmental Education Award in 2006
2004	**Jason XV Project** for youth education in the rain forests of Panama (over 50 broadcasts for schools and museums during January 2004, over 3 million students) and co-authored curricula
2002	HG-TV host for two botanical shows
2001	New York Times/National Geographic Profile TV Series
1999	**Jason X Project** in Science Education, Chief Scientist - international K-12 science education in forest canopies of Amazonian Peru with > 3 million listeners.
1999	Scientist featured in National Geographic TV special, ***Heroes of the High Frontier***
1995 - 2010	Led Educators' Workshops for teachers about tropical ecology in Peruvian Amazon
1994	**Jason V Project, Chief Scientist** - international K-12 science education program with satellite linkage between classrooms and scientist at field sites; completed 61 live classes from the rain forest canopy of Belize; wrote curriculum with National Science Teachers Association; over 3 million listeners,
1993	Produced **Reading Rainbow** feature film about trees w/ Lavar Burton (of Star Trek), a national series to educate K-9 about science and reading, *Once Upon a Tree*
1991	Initiated first K-6 program for Williams College students to work with elementary classes to produce games that demonstrated environmental principles
1980 - on	Lectures to numerous education groups including alumni societies, college students, high schools, and elementary classes each year
1979 - 83	Sydney University, Adult Education - proposed and designed two new biology courses, and taught all lectures and labs
1977	Massachusetts Audubon Society, Merck Forest, Vermont – directed their summer camp
1968 - 76	Taught science at one of America's first summer field science programs (Burgundy Wildlife Camp) and co-wrote curriculum from that program for the Department of Health, Education, and Welfare

BOOK ACCOLADES

2025 -	New book, **Tree Days** (U. Chicago Press) endorsed by Jane Goodall & Tommy Hilfiger
2025 -	**The Arbornaut** contracted for publication in Barncelona, Spain
2022	**The Arbornaut** published in Australia, United Kingdom, Germany, big-print, paper
2021	**The Arbornaut** - a memoir, Farrar Straus and Giroux with great reviews
2000-2019	Books translated into Korean, German, Chinese, Amharic, and Taiwanese
2006	Natural History magazine, Endnotes featured **It's A Jungle Up There**; numerous NPR Radio interviews and newspaper features; Smithsonian Magazine "centerfold"
2002	Asteroid Lowman near Jupiter named by Carolyn Shoemaker in honor of my book
2000	NY Public Library **"Books Every Teenager Should Read"** Award

2000 **Life in the Treetops** nominated for the Rachel Carson Book Prize, The John Burroughs Medal, The New York Book Award for the Best Debut of 1999, the 1998-2000 Educator's Award, PEN/Martha Albrand Award for the Art of the Memoir, Christopher Award, Phi Beta Kappa Award in Science

1999 Cover review on Sunday NY Times Book Review for **Life in the Treetops**

RESEARCH EXPERIENCE & GRANTS

2021- Fund-raising $10 million for Mission Green to build 10 canopy walkways and conserve 10 genetic libraries in endangered global forests

2017 Flagstaff Holdings and Habitat Foundation, $100,000 to fund IBSS biodiversity expedition in Penang; and second grant for Jason Learning virtual education from Spurlino Foundation, $50,000 to accompany scientific expedition, Penang.

2017 NSF-REU travel supplement for grant #1359367 ($14,568).

2017 IMLS (with U. CA – Santa Cruz) Developing and disseminating a genomic toolkit for the museum community ($490,799)

2017-20 NSF advisory committees – OISE (international science & engineering); ERE (environmental research and education)

2016 National Geographic Herpetological Biodiversity in Ethiopia Church Forest Walls ($26,000)

2016 Lakeside scholarships to host: Dr. Sinu Pallaty (India) and Dr. Alemayehu Wassie Eshete (Ethiopia) and Tizezew Sisay (Ethiopia) to study and collaborate at Academy

2015 Southwest Forest Service annual collaborative ($50,000/yr)

2015 - 19 REU NSF grant – Undergraduate research in the cultural, economic, and ecological significance of church forests in South Gondar, Ethiopia (w/Colby College, $406,038).

2015 - 19 NSF REU - Wheelchairs and Waterbears: 3D Access to survey forest canopy biodiversity, with special emphasis on inspiring mobility-limited students to seek careers in field biology (w/Baker University $189,251).

2013 Picker Foundation grant to survey church forests of Ethiopia (w/Colgate U., $148,000)

2013 Forest Service, biodiversity research and outreach in North Carolina ($105,000)

2013 - 17 NSF MSP grant - Students Discover: Improving middle school STEM outcomes through scaling citizen science projects. (Co-PI for $4,286,777.00 with NCSU and NC public schools)

2013 North Carolina university partnerships for Museum (~ $430,000 per year)

2012 - 14 National Science Foundation RUI grant: Insect Biodiversity in Temperate Forest Canopies - Using canopy research to inspire the physically challenged to engage in careers in science ($149,000, pilot)

2012 Forest Service partnership for biodiversity lab ($130,000); Dunn lab partnership for Biodiversity Lab ($90,000) and for Genomics Lab (~ $150,000)

2011 Global town halls at NRC with Rolex Young Laureates, Rolex Corporation ($25,000)

2010 National Geographic CI73-09 – Can Church Forests Conserve Insect Biodiversity in Ethiopia? ($24,000)

2010 Ecology Education Summit ($50,000 NSF; $25,000 additional sponsors)

2010 Forest conservation and outreach ($15,000 Spurlino Foundation; $10,000 TRIAD Fdn)

2009 5th International Canopy Conference, Forest Canopies: conservation, climate change and sustainable use. (Indo-US Science & Technology Forum #99-2008 $12,000 w/T Ganesh and Soubadra Devy)

2009 Church forests of Ethiopia, Spurlino Fdn ($15,000 for religion & science workshop)

2009	Forest canopies – US-India Workshop: articulate and disseminate research priorities on forest canopies, Bangalore October 2009 w/K. Bawa (NSF $31,000)
2009	Treehouses and canopy walkways - Ecology education in SW Florida (Triad $10,000)
2008	Sarasota County - Invasive species ecology and ecology education ($50,000)
2007	Economic Development Corporation, website development for regional government biological field station project ($5,000)
2007	Canopy Ecology - regional and international (Triad $25,000)
2006	National Science Foundation, informal science education, rain forest exhibit ($75,000)
2006	Student Outreach in Science (SOS) - Environmental education grant (Community Foundation, $11,000 grant co-written with NCF students)
2005 - 07	Canopy Ecology - Regional and international (Triad $35,000)
2005	Economic Development Corporation - Field station green design ($5,000)
2004 - 07	Sarasota County, environmental services to regional government ($200,000)
2004	Jason X Project for Education, ACEER, Peru (~$25,000)
2003	Aaron Foundation - Canopy ecology - Public programs ($10,000)
2003	Herbivory protocols using canopy cranes - Global Canopy Program ($26,178)
2002	Triad Foundation - Canopy ecology - Research and outreach ($30,000)
2002	The Venice Foundation - Botanical collections ($200,000)
2002	Phase I - Capital Campaign private donor acquisitions ($1.3 mil)
2002	Selby Foundation - Memorial for botanical philanthropist, Marie Selby ($75,000)
2001	Bank of America education grant for children's garden exhibits ($25,000)
2000	State of Florida - Division of Historical Resources - Botanical Collections Security ($1.5 mil)
1999 - 2003	National Science Foundation, links between the canopy and the forest floor ($419,976) plus student participation: Ecological Circuitry Collaboratory ($59,932)
1999	Selby Foundation - Matching grant for botanical improvements ($500,000)
1998 - 2001	Long-term studies of trees in tropical and subtropical forests, worked with Joseph Connell and Ian Noble, National Science Foundation ($250,000)
1998 - 99	Phytotelm plants of the Choco and their associated insect fauna, National Geographic Society ($20,000)
1998	Forest Canopies 1998: Global Perspectives - National Science Foundation ($20,000); United Nations Environmental Program ($20,000)
1997	Epiphyte diversity in intact versus fragmented rain forests of Cameroon, Africa, National Geographic Society ($19,800)
1996	Canopy ecology and ecotourism in Western Samoa, Seacology Foundation ($10,000)
1994	Forest Canopy Conference: Forest Canopies: Ecology, Biodiversity, and Conservation, NSF ($20,000); World Wildlife Fund ($5,000)
1993 - 98	Long-term studies of trees in tropical and subtropical forests, with Joseph Connell and Ian Noble (NSF $250,000)
1993 - 94	Jason V Project - Biodiversity in the rain forest canopies of Belize (~$75,000)
1993	Smithsonian Visiting Scientist Fellowship to STRI, Panama ($1,100)
1991	Herbivory in the rainforest canopies of Cameroon - Operation Canopée Expedition, Elf-Serepco ($7,500)
1990	Canopy walkway construction, Hopkins Forest, Massachusetts, Miller Fund ($5k) - Williams College ($2,500) and Bronfman Science Fund ($3,000)
1989	Mycorrhizal associations and survivorship of rain forest seedlings, UNE Faculty Grant for innovative projects ($6,600)
1985	Effects of insect damage to root systems of eucalypts, Earthwatch ($27,000)

1983 - 90	Eucalypt regeneration in dieback regions - Forestry Commission, Australian Research Grants Commission, Ruby Hills Pastoral Company ($20,000)
1983 - 86	Postdoctoral research on herbivory and insect epidemics in Australian forests - Australian Research Grants Committee ($122,600)
1982 - 88	Insect abundance and distribution in Australian rainforest canopies - Earthwatch ($312,000)
1979 - 83	Miscellaneous marine research, including coral cay vegetation surveys, intertidal barnacle settlement, and photosynthesis on One Tree Island, Heron Island research labs, Great Barrier Reef and Cape Banks intertidal region, Sydney Australia
1976	Bronfman grant to reorganize herbarium for Williams College
1975	U.S. National Science Foundation REU student grant, investigating wood productivity of birch as energy source for New England towns (forest biomass surveys, computer regression models)
1974	Co-authored high school curriculum in environmental education for high schools (Department of Health, Education, and Welfare)

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NEON ISEP. 2006. National Ecological Observatory Network, Integrated Science and Education Plan. National NEON Design Committee, **MD Lowman** - co-chair education group, contributed to ISEP plan and writing: http://www.neoninc.org/documents/ISEP

Sarasota County Environmental Initiatives, FL. 2004-2009. Series of quarterly reports over 5 years to document environmental programs: invasive reptiles, science education outreach, development of Land Institute, conservation action plans, and other activities.

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Lowman MD. 1976. Phenological Phenomena and Growth Studies for 16 Northern Hardwoods. Honors Thesis. Williams College (Supervisor: Henry Art).

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Moore, A., W.R. Miller & M.D. Lowman, Subm. Tardigrades of the Canopy: Milnesium martafischeri nov sp. (Eutardigrada: Apochela: Milneslidae) from Oregon, USA.

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Energy Tips published weekly in the E-column of state cabinet Chief Financial Officer, Alex Sink (2008 - on).

Newspaper fortnightly Science Column, Raleigh News and Observer/Charlotte News (2011- 2014).

(Note: Twenty one peer-reviewed publications were co-authored with undergraduate students, as a result of teaching and outreach.)

INVITED, KEYNOTE AND CONFERENCE LECTURES (LIST IS NOT INCLUSIVE)
(Average one talk per week on topics of rain forests, canopies, and girls in science)

2020-2025

2022- National Geographic Explorers Fest, keynote speaker
2022 – Missouri Botanical Garden evening lecture
2022- Terrescience podcast, Sirius XM truck-driver radio show, and over 50 other interviews
2022 – Lecture at Ranamafauna National Park, Madagascar

2022 – Numerous book talks about The Arbornaut, including Virginia Festival of Books and Arizona State University
2022 – Hosted Ginger Zee for Good Morning America TV in the canopy
2022 – Architecture School of Catalonia, Barcelona Spain

2015 – 2020
2019 – The Money Tree – Williams College in Costa Rica
2019 – Three fund-raising talks for Earthwatch Institute about forest research
2019 – Over 100 virtual talks to K-12 classrooms around the country
2019 – Keynote, International Treehouse Conference, Oregon
2019 – Keynote opening, Vermont Institute of Nature Studies new canopy walkway
2019 – National Geographic, 90th birthday tribute to EO Wilson
2019 – Quarryhill Botanical Garden, fundraiser for education, Glen Ellen CA
2019 – Conservation Solutions for Tropical Rain Forests – Williams College in the Amazon
2019 – Fund for Women Keynote speaker, Corning Glass Corporation, NY
2019 – Neue hohen erklettern – wie das baumklettern forschung in baumkronen inspiriert hat, Tree Care Conference keynote, Augsburg Germany
2019 – Methoden der baumkronen-forschung im wald, Tree Care Conference Augsburg Germany
2018 – Google Sci-Foo camp, Lightning talk about Ethiopian church forests, Mountain View CA
2018 **–** Aldo Leopold Leadership workshop, University of Minnesota, MN
2018 – Muskoka Environmental Summit, Canada
2017 – Campuswide lectures at Butler University, Berea College, Univ. South Florida
2017 – Conservation Foundation annual lecture; Sequoia Zoo fund-raising lecture
2016 **–** Women in Science Summit co-chair, keynote speaker, moderator, California Academy
2016 – Holden Arboretum OH – Arbor Day distinguished lecture and launch of new walkway
2016 – Elon College NC – Visiting Scholar series
2016 – Penang Hill, Malaysia – Canopy walkways – exploring the 8th continent
2015 – Bhutan National Park Service – Canopy walkways for conservation and education
2015 – Elmira College invited commencement address
2015 Google Sci Foo Camp CA – Saving the forests of Ethiopia, one church at a time

2010 - 2015
2014 University of Chicago, 21st Century Scientists lecture series: Out on a Limb – challenges of women in science
2014 Diversity Lunch, Ecological Society of America: Game changers and innovation in Ecology
2014 Life in the treetops - Beloit High School, MI (~ 1000 students)
2014 It's a Jungle Up There - Challenges in global forest conservation, Roy Chapman Andrews Distinguished Explorer Award acceptance speech
2014 Keynote Opening speech, Science Online National Conference, Wheelchairs and Waterbears: inspiring underserved students in science, Raleigh NC
2014 Plant-insect interactions in forest canopies, EO Wilson Honorary Symposium
2014 Out on a Limb - Challenges of a woman in science, Wilson College commencement
2013 International Congress of Ecology (INTECOL) invited speaker - How religion and science can work together for integrated conservation solutions, London UK
2013 Biotechnology Center, Research Triangle Park, Summit introduction and moderator
2013 Students as catalysts for large landscape conservation, Colby College, ME - Keynote
2013 Shattuck-St. Mary's School, MN - Life in the Treetops - Challenges of jungle exploration

2013 Women in Science and Engineering (WISE) 10th anniversary, North Carolina State University - Out on a Limb - Challenges of a woman in science
2013 TEDx at NC School of Science and Mathematics - How I climb trees to save forests
2013 Salon lecture - Life in the Treetops - Challenges of tropical forest conservation
2012 Rolex Awards ceremony, New Delhi India - Life as an Arbornaut - Mentoring young Indian leaders
2012 St. Mary's College in the Woods, Indiana - Life in the Treetops: Challenges of women in science
2012 Jimma University, Ethiopia - New Perspectives for the Future of STEM Education
2012 NCREN keynote lecture - STEM Education at the New Nature Research Center: Linking Virtual and Real Nature
2012 Numerous research talks in the Daily Planet multi-media theater, Nature Research Center
2012 Ecological Society of America, Diversity Lunch: Generation Z
2012 University of Texas, Pan American - Challenges of women and minorities in science
2012 National Science Foundation K-12 keynote speaker, annual meeting, Washington DC - Out on a Limb - Linking Real and Virtual Nature for Generation Z
2012 SCOPE, NC State University, Raleigh - Annual keynote speaker
2012 Chapel Hill Audubon Society - Life in the Treetops - The birds and the bees of the canopy
2012 Science Café, Raleigh NC - I Speak for the Trees…
2012 Institute for Emerging Issues, annual meeting - Back to our Roots - Eating Healthy and Getting Children Outdoors
2012 Appalachian State University, Boone NC - Commencement speaker
2011 Princeton Alumni Association - STEM Education in America, from K through Gray
2011 Southeast Climate Science Center Workshop - Presentation, Climate Change Education - The NRC as a tool for researchers' broader impacts
2011 ScienceOnline Conference, Durham NC - Life in the Treetops - Challenges of scientists communicating to the public - Keynote lecture
2011 Martin Luther King Day presentation, Bethlehem Church, Durham NC - Saving the forests of Ethiopia, one church at a time
2011 Science Café, Tir Na Nog restaurant, Raleigh NC - Rain Forests - Going, going gone?
2011 Ashoka Trust for Research on Ecology and the Environment (ATREE), Bangalore India- UN International Year of the Forest - Inspiring New Stakeholders for Forest Conservation
2011 Earthwatch HSBC Bank field expedition, Bannerghatta National Park - A blueprint for a clean-energy future - Climate change, economics, and conservation
2011 Fulbright senior specialist scholar lecture series, India - Thiruvananthapuram, Kerala state, Department of Forestry headquarters, UN Year of the Forest - Inspiring New Stakeholders for Forest Conservation
2011 Fulbright Foundation Day, CPR Environmental Center, Forestry Department, Chennai India - Life in the Treetops - Forest Canopies Promote Conservation, Economics, and Education
2011 Fulbright forest lecture series, Guwahati, state of Assam India, Cotton College - United Nations International Year of the Forest: Inspiring New Stakeholders to Reverse Deforestation
2011 Lecture at Nimal Prava Bordoloi Girls Hostel, Handique Girls College, Latasil, Guwahati, Assam India - It's a Jungle Up There - Challenges of Women in Field Biology
2011 NCSU Department of Biology, Plant-Insect Interactions in Tropical Rain Forest Canopies

2011 NCSU Entomology Department, Plant-Insect Relationships in Forest Canopies - the Herbivory Perspective
2011 Nature Research Center - STEM Education in the 21st Century - Presentation for Deans of Extension, Engagement, and Economic Development, NCSU
2011 NCSU Veterinary School, annual lunch - Life in the Treetops - Challenges of Women in Field Biology
2011 Beta-diversity of human skin bacteria studied with the citizen science approach - Ecological Society of America's annual meeting
2010 Wiley Elementary School Science Night - How Many Species Exist on Planet Earth? K-5 science night
2010 Earthwatch Institute, Costa Rica - Rainforests 101 and Copenhagen Update
2010 Women in Science Forum, Ferrum College - Keynote speaker
2010 What will ecology education look like in 2020? - Chair and keynote at Ecological Society of America's annual meeting
2010 A blueprint for Florida's clean energy future - How canopy ecology and students contributed to shaping state climate change policy - Ecological Society of America's annual meeting
2010 Can scientists inspire local actions for environmental justice? Role and challenges of ESA's education outreach and diversity initiatives - Ecological Society of America's annual meeting
2010 Tropical conservation and education outreach, as influenced by Connell's legacy - Ecological Society of America's annual meeting
2010 An exploration of modeling the spread of the Burmese python, *Python mourus* - Ecological Society of America's annual meeting
2010 Virtual versus real ecology education - Ecological Society of America
2010 Education and Diversity - Vice President's Report, Ecological Society of America
2010 The View from Down-Under - Advances in ecology and education outreach through the legacy of Joe Connell - Invited paper at Ecological Society of America
2010 Diversity Lunch, Chair and Moderator - Ecological Society of America
2010 SOS: Student Outreach in Science - Engaging undergraduates to mentor high school students - Invited paper at Ecological Society of America
2010 Conservation of the church forests of Ethiopia - Updates on field research for expedition team, Bahir Dar Forestry department, Ethiopia
2010 Bugfest lecture series: 1. Stalking bugs by hot air balloon
2. Bugs R Us - Research on insects in forest canopies
2010 Museum Advisory Board, Life in the Treetops - Flying high with the NRC
2010 Public phase committee, Life in the Treetops - Meet the new NRC director
2010 Friends of Museum Board meeting - It's a Jungle Up There - Challenges in science education
2010 Millions of beetles - Biodiversity and climate change at a crossroads? - Church talk in Chapel Hill NC
2010 Opening welcome talk, Sustainable Education Summit; invited talk on Virtual Versus Real Environmental Education (with Rob Stevenson, U. Mass)
2010 Summary and next steps for STEM education, Sustainable Education Summit
2010 It's a Jungle Up There - Challenges of women in science, Career Series, NCSU postdocs and graduate student career forum
2010 Rolex organized session, Geneva Switzerland - It's a Jungle Up There - Mentoring session for students from emerging countries
2010 Brimley Ball, keynote talk for fundraiser, Museum

2010 Lecture on The World, Tropical Rain Forests 101 - Exploration and research of global forests
2010 Lecture on The World, It's a Jungle Up There - Challenges of tropical forest conservation
2010 Out on a Limb - Canopy research as a tool for advancing conservation, lecture to NESCENT at Duke University, and mentoring lunch with graduate students
2010 Plant-Insect Interactions in Forest Canopies, seminar for Natural Resources Department NCSU

2005 - 2009

Connery Conservation Lecture, Tulane University, New Orleans LA - Invited keynote
John Moran Distinguished Lecturer Series, Senior Academy, Sarasota FL - Invited
Convocation lecture for Earth Day, Carleton College, MN - Invited keynote
Environmental Panel for Earth Week, Princeton University, NJ - Invited
Keep Sarasota Beautiful, FL - Invited keynote
Fourth International Canopy Conference, Germany - Invited
Seeing the Big Picture Symposium, Economic Development Corporation - Invited
Science Festival, Flagstaff Arizona 2005 - Invited keynote
Rutgers University, Ecology and Evolution seminar series - Invited
Explorers Club, Naples chapter - Invited
University of Nebraska, Earth Day 2006 - Invited
Jewish Women's Association donors' conference - Invited
Northern Trust Bank Golden Anchor clients - Invited keynote
Florida House Earth Day - Invited
Ecological Society of America, Memphis TN
Southern Utah University - Invited keynote
Presidential Dinner, The Explorers Club - Invited keynote
Lowell Thomas annual dinner, The Explorers Club 2006 - Invited honoree
SACNAS (Society of Chicanos and Native American Scientists), Tampa FL - Invited
Westover Academy, CT - Invited keynote
International Sustainable Construction Conference 2006 - Invited keynote
Frequent natural history lectures for community walks and local civic groups
Harvard-Yale-Princeton Club luncheon - Invited
SEEDS (Sustainable Ecology Education for Diverse Students) at Jasper Ridge
Biological Field Station, CA - Invited
Rachel Carson's birthday anniversary 2007, Chatham College, PA - Invited
ATBC Asian Chapter Inaugural Meeting, India - Invited keynote
Woods Hole Oceanographic Institution Gender & Equity Invited Speaker 2007 - Invited
Kutztown State University, PA "Take your daughter to work day" - Invited keynote
Villanova University, PA, Mendel Medal recipient 2007 - Invited lecture
Burgundy Country Day School, VA, Sevaeride Forum on Environmental Education - Invited keynote
Florida Cabinet, "Climate Change Summit" 2007 - Invited keynote panel
Association for Tropical Biology and Conservation, Morelia MX 2007
Ecological Society of America, San Jose CA 2007
Elizabethtown College, PA - Invited keynote
Concord College, WV - Invited keynote
The Explorers Club, South Florida Chapter - Invited keynote
Utah Environmental Education Society, Moab UT - Invited keynote
MIT/Cornell Alumni - Keynote

Republican Club of Sarasota County - Invited keynote
American Association of University Women - Invited
Thiel College, Earth Week consortium 2008 - Invited keynote
PASI-NSF sponsored Tropical Ecology Collaboratory, Lima PE
Pine View High School - 2008 Earth Day assembly for grades 2-12
Florida Secretary's Association annual meeting, University of Florida 2008
University of Washington - Urban Horticulture, School of Forestry
Ecological Society of America (ESA) 2009 - Contributions of canopy research to public education and understanding of ecosystem services
ESA 2008 - Session co-chair "No Child Left Indoors": An Action Plan for Future Involvement by ESA Members
ESA 2008 - It's a jungle up there: Juggling academic life with book authorship
ESA 2008 - Science outreach for students: Connecting outreach and ecology
ESA 2008 - Using undergraduates to create an energy audit for local green business
ESA 2008 - Applications of treecodes to modeling herbivory in forest canopies
ESA/SER 2007 - It's a jungle up there: Writing for technical versus public audiences
ESA/SER 2007 - It's a jungle up there: Integrating canopy research with education outreach for kids
ESA/SER 2007 - Modeling herbivory in forest canopies
ESA/SER 2007 - Out on a limb - Forest canopies
ESA/SER 2007 - The role of frugivorous birds and giant fruit bats as agents for reforestation in south India
ESA/SER 2007 - Science outreach for students: Initiatives to connect local schools to ecology
University of Wyoming, convocation address - Invited keynote
Anniversary of Women's Right to Vote, FL - Invited keynote
Millersville University, PA - Invited keynote
Australian Ecological Society, Sydney 2008 - Plenary address
Senior Friendship Center lecture series
Baker University, KS 2009 - Invited lecture
Gustavus Adolphus College - Linnaeus Symposium - Keynote speaker
University of California, Santa Barbara - Biology Department 2009
Ecological Society of America - Session chair: What will ecology education look like in 2020?
Tiger Bay policy forum, Sarasota FL - Clean energy panel
NSF Division of Undergraduate Education - Invited speaker
University of Miami - Seminar speaker
Various church, civic, and citizen groups in Sarasota and throughout Florida

2000 - 2004
Convocation, SUNY Binghamton, New York - Invited keynote
Singapore Botanical Gardens, Singapore - Invited
World Orchid Conference, Malaysia - Invited speaker
World Bromeliad Conference, Florida - Invited speaker
Women and Science Symposium, University of Wisconsin - Invited keynote
Delta Kappa Gamma, International Conference, Canada - Invited keynote
Missouri Botanical Gardens, John Dwyer Lecture, Missouri - Invited keynote
North Carolina State University, NC - Invited keynote
Ecological Society of America, diversity luncheon panel, annual meeting, Arizona 2002 - Invited
Association for Tropical Biology and Conservation, Panama
Woodrow Wilson School of Public Policy, Princeton University - Invited

Bowling Green State College, OH - Invited keynote
University of Michigan - Invited keynote
Eckerd College, FL - Invited
Harvard University Club, FL - Invited
Florida Science Teachers Association, Jacksonville FL - Invited keynote
Cincinnati Zoo Conservation Lecture Series, OH - Invited keynote
Sarasota Institute of Lifetime Learning, FL - Invited
Eckerd College Community Lecture Series, FL - Invited
Ecological Society of America, Portland OR
The Global Canopy Debate, Eden Project, UK - Invited keynote
SE Regional Garden Club of America, Sarasota FL - Invited keynote
North Carolina State University Conservation Series, Raleigh NC - Invited
Numerous talks at Rotary, Sertoma, church, school and civic groups, FL

1996 - 2000
Alumni Speaker, Williams College, MA - Invited
Brazilian Congress of Botany, Brazil - Invited keynote
Botanical Gardens of Rio de Janeiro, Brazil - Invited
ATB invited speaker session: Thinking globally and working globally: Ecological insights from inter-regional comparative studies, Providence RI
National Botanical Gardens, Bogor Indonesia - Invited
Instituto de Ecologia Invited Visiting Scientist Program, Xalapa, Mexico
Vision Dinner, Marie Selby Botanical Gardens - Invited keynote
Global Studies 1998 Conference, University of Minnesota - Keynote speaker
Chair, 2nd International Forest Canopies 1998: Global Perspectives, Sarasota FL
Tropical Rain Forest Canopies Conference, Oxford University - Invited keynote
Jason X speaker, BOCES, Long Island - Invited keynote
Gifford Arboretum Distinguished Lecture, Miami FL 1999 - Invited
Garden Club of America Awardee Dinner, New Jersey 1999 - Invited keynote
International Rotary Governors Convention, Sarasota FL - Invited

1990 - 1995
The Madeira School, VA - Invited keynote
Botany Department, University of Hawaii, Manoa
Museum of Comparative Zoology, Harvard University, MA - Invited
Biology Department, Carleton College, MN - Invited
Earthwatch, Center for Field Studies - Annual Conference, Boston
International Epiphyte Conference, Selby Gardens, FL - Invited
Pacific Science Congress, HI - Invited
Audubon Naturalists/Smithsonian Institution, Washington DC - Invited keynote
Faculty Club, Williams College, MA - Invited
National Geographic Young Explorer, Washington, DC 1994 - Invited keynote
Chair, Canopy Symposium, AIBS, Honolulu HI
World Wildlife Fund, Washington DC - Invited
Selby Gardens, Board of Trustees, FL
Chair, 1st International Forest Canopy Conference, Sarasota FL
Geneva Sayre Invited Lecture, Russell Sage Colleges, NY 1995 - Invited keynote
Tropical Rain Forest Destruction Conference, Cambridge University, UK - Invited
British Entomological Society, London, UK - Invited

Professor Lampton Invited Annual Lecture, West Georgia College, GA

1980 - 1989

Royal Botanic Gardens, Sydney NSW Australia - Invited
CSIRO Division of Plant Industry, Canberra Australia - Invited
Herbivory Conference, Kosciuszko National Park, VIC Australia - Invited
Australian Entomological Society Annual Conference, Australia
CSIRO, Entomology Division, Canberra Australia - Invited
Biology Department, University of California, Santa Barbara CA
Lamington National Park, QLD Australia
Center for Field Studies (Earthwatch), MA - Invited
CSIRO Rain Forest Research Unit, Atherton, QLD Australia
Entomology Department, Pennsylvania State University, PA - Invited
Organization for Tropical Studies (OTS) 25th Silver Jubilee Symposium (Miami FL) and workshop at La Selva, Costa Rica - Invited
Soil Conservation Annual "Trees on Farms" Conference, University of New England, NSW Australia - Invited