

Curriculum Vitae

Rainer Willi Bussmann

Director William L. Brown Center

William L. Brown Curator for Economic Botany

Missouri Botanical Garden

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Academic Training

1994 Dr. rer. nat. (PhD), University of Bayreuth, Germany, Magna Cum Laude

1993 Dipl. Biol. (M.Sc. Biology), University of Tübingen, Germany

1991-92 Study abroad, Temple University, Philadelphia, USA

1990 Study abroad, University of Nairobi, Kenya

Scholarships and Awards

James A. Duke Excellence in Botanical Literature Award 2013 for "*Medicinal Plants and the Legacy of Richard E. Schultes.*"

Habilitation Stipend, "Ecology of Disturbed and Undisturbed Tropical Mountain Forests," German Science Foundation (DFG) 1999-2002

Post-Doc Stipend, Research Program "Ecology of Disturbed and Undisturbed Tropical Mountain Forests," German Science Foundation (DFG) 1997-1999

Post-Doc Stipend, Research Program "Mechanisms for the maintenance of tropical diversity," German Science Foundation (DFG) 1994-1995

Ph.D. Scholarship, Research Program "Mechanisms for the maintenance of tropical diversity," German Science Foundation (DFG) 1993-94

M.S. Scholarship, Research Program "Mechanisms for the maintenance of tropical diversity," German Science Foundation (DFG) 1992-93

Areas of Interest

Ethnobotany / Economic Botany

Plant Ecology and Regeneration Ecology

Systematics (Plukenetieae, Merianeae)

Seed and Germination Ecology

Natural Resource Management

International law in relation to Intellectual Property Rights, Ecology and Environment

Current Projects

Medicinal plants and climate change: Biodiversity, systematics, ecology and use-potential of high altitude species in the Andes, Himalaya and Caucasus.

Vegetation, regeneration and succession processes, use-potential and conservation of tropical mountain forests in Peru and Bolivia.

Medicinal plant use and climate change in the Himalaya of Pakistan and Nepal.

Positions held

2007-present **Director William L. Brown Center and William L. Brown Curator for Economic Botany**, Missouri Botanical Garden

2006-2007 **Research Fellow**, The University of Texas at Austin

2003-2006 **Associate Professor of Botany and Scientific Director Lyon Arboretum**, University of Hawaii

1997-2002 **Assistant Professor**, University of Bayreuth, Germany

1992-1996 **PhD student / Post-doc**, University of Bayreuth, Germany

1988-1991 **Teaching Assistant**, University of Tübingen, Germany

Adjunct and Associate Appointments

2015-present **Affiliate Faculty**, School of Natural Resources and the Environment, University of Florida,

2014-present **Affiliate Faculty**, Department of Geosciences, Florida Atlantic University Boca Raton

2014-present **Affiliate Faculty**, Universidade Federal da Paraíba, Centro de Ciências Agrárias, Departamento de Fitotecnia e Ciências Ambientais, Laboratório de Etnoecologia Brazil

2008-present **Honorary Adjunct Professor**, University of Missouri, St. Louis

2008-2015 **Honorary Adjunct Professor**, Washington University St. Louis

2003-2009 **Adjunct Professor**, University of Hawai'i at Manoa, Honolulu

2005-2006 **Visiting Scholar**, The University of Texas at Austin

Professional Activities

1996-present **Professor Minority Research and Training Program Peru and Advisor**, International Center of Phytomedicine, San Diego State University, San Diego, CA

1995-present **Research Associate**, San Diego Museum of Man (San Diego, CA)

1997-2010 **Vice President and Scientific Director**, Nature and Culture International, Del Mar, CA

2001-2004 **Project Director**, Regeneration and Ethnobotany of Kakamega and Mt. Kenya Forests, and Development of Maseno University Botanical Garden, Kenya

1997-2004 **Project Director**, Vegetation, Regeneration Ecology and Use Potential of Tropical Mountain Forests in Southern Ecuador

1997-1999 **Program Coordinator**, Ecology of Disturbed and Undisturbed Tropical Mountain Forests, Ecuador

- 1996 **Expedition Director**, Vilcabamba und Cordillera de Sabanilla y Tzunantza Rapid Assessment Expedition, Ecuador
- 1992-1996 **Project Leader**, Mountain Forests of East Africa – Vegetation, Regeneration and Management, Kenya and Ethiopia
- 1990-1992 **Conservation Director**, German Mountain Club, Leutkirch Chapter
- 1985-1992 **Chair**, Natural Science working group, Adult College Leutkirch, Germany
- 1983-1992 **Field Botanist**, flora and habitat mapping program, Federal State Baden-Wuerttemberg, Germany

Language Proficiency

English: Fluent (reading, writing, speaking)
 Spanish: Fluent (reading, writing, speaking)
 French: Intermediate (reading), Elementary (writing), Elementary (speaking)
 German: Native
 Russian two years studied
 Latin seven years studied

Grant support

- 2016** Senomyx Inc. - Discovery plant collection (\$ 75,000)
 National Center for Natural Product Research Plant collection contract (\$ 70,000)
 National Center for Natural Product Research FDA natural products research (Co-PI, \$ 300,000 of \$ 2,100,000 grant)
- 2015** Pakistan – US Science & Technology Cooperation Program (PI, \$ 342,139.50)
 National Center for Natural Product Research Plant collection contract (\$ 70,000)
 NIH-MHIRT Minority Health Disparity Research and Training Grant Peru 2014 (through San Diego State University, Bob Pozos PI, \$ 20,000)
 Senomyx Inc. - North America plant collection (\$ 36,500)
 Herbalife – Plant collection (\$ 5,000)
 Sehgal Family Foundation endowment contribution to William L. Brown Center (\$ 250,000).
 Missouri Botanical Garden matching fund contribution to William L. Brown Center Endowment (\$ 500,000).
- 2014** NIH-MHIRT Minority Health Disparity Research and Training Grant Peru 2014 (through San Diego State University, Bob Pozos PI, \$ 30,000)
 National Center for Natural Product Research Plant collection contract (\$ 70,000)
 Senomyx Inc. - Discovery plant collection (\$ 12,500)
 Herbalife – Plant collection (\$ 10,000)
 Sehgal Family Foundation endowment contribution to William L. Brown Center (\$ 250,000).
- 2013** Kemin Inc. – Plant collection project (\$ 21,000)
 NIH-MHIRT Minority Health Disparity Research and Training Grant Peru 2013 (through San Diego State University, Bob Pozos PI, \$ 50,000)

- New Chapter Organics support for “Sacred Seed Program” (\$ 60,000)
- National Center for Natural Product Research Plant collection contract (\$ 70,000)
- NGS Chacobo Ethnobotany (\$ 20,000)
- Senomyx Inc. - Discovery plant collection (\$ 1,000)
- 2012** NOVUS AWARD program (\$ 37,000)
- Semomyx Inc. - Discovery plant collection (\$ 60,000)
- Sensient Inc. - Natural Dye discovery program (\$ 50,000)
- Traditional Medicinals Inc. – Plant assessment (\$2,500)
- NIH-MHIRT Minority Health Disparity Research and Training Grant Peru 2012 (through San Diego State University, Bob Pozos PI, \$ 50,000)
- New Chapter Organics support for “Sacred Seed Program” (\$ 35,000)
- National Center for Natural Product Research Plant collection contract (\$ 70,000)
- Pioneer US plant collection (\$ 212,000 over 3 years)
- 2011** National Center for Natural Product Research FDA natural products research (Co-PI, \$ 272,000 of 2,000,000 grant)
- NOVUS Ethnoveterinary discovery (\$ 20,000)
- Senomyx Inc. - Discovery plant collection (\$ 80,000)
- Sensient Inc. - Natural Dye discovery program (\$ 50,000)
- NIH-MHIRT Minority Health Disparity Research and Training Grant Peru 2011 (through San Diego State University, Bob Pozos PI, \$ 60,000)
- New Chapter Organics support for “Sacred Seed Program” (\$ 55,000)
- National Center for Natural Product Research Plant collection contract (\$60,000)
- 2010** Sensient Inc. - Natural Dye discovery program (\$ 50,000)
- Senomyx Inc. - North America plant collection (\$ 74,000)
- NIH-MHIRT Minority Health Disparity Research and Training Grant Peru 2008 (through San Diego State University, Bob Pozos PI, \$ 65,000)
- New Chapter Organics support for “Sacred Seed Program” (\$ 41,000)
- National Center for Natural Product Research Plant collection contract (\$ 60,000)
- New Chapter Organics Support for participation in Third Alan G. Johnson Memorial Conference on Ethnomedicine, Health and Environmental Conservation. Costa Rica (\$ 3,000).
- 2009** Sehgal Family Foundation: Committed \$ 500,000 to endow new curatorship of Medicinal Botany.
- Senomyx Inc. - Discovery plant collection and consulting contract (\$ 80,000)
- NSF-DBI, “Open Science – an education network in ethnobiology” (Co-PI, \$ 368,173)
- NIH-MHIRT Minority Health Disparity Research and Training Grant Peru 2009 (through San Diego State University, Bob Pozos PI, \$ 35,000)
- New Chapter Organics support for “Sacred Seed Program” (\$ 12,500)
- National Center for Natural Product Research Plant collection contract (\$60,000)

- Alice H. Brown Memorial donation (\$5,000)
- Alice H. Brown estate to support William. L. Brown Center (\$ 35,000)
- New Chapter Organics Support for participation in Third Alan G. Johnson Memorial Conference on Ethnomedicine, Health and Environmental Conservation. Costa Rica (\$ 3,000)
- National Center for Biological Science grant for participation in "Indian Traditional Knowledge – History, Influences and New Directions for Natural Science," Bangalore, India (\$ 2,000)
- 2008** Sequoia Sciences support for William L. Brown Symposium "Ethnobotany – Linking Biology and Traditional Knowledge" (PI, \$ 10,000)
- National Center for Natural Product Research Plant collection contract (\$60,000)
- Edward Mallinckrodt Jr. Foundation support for William L. Brown Symposium "Ethnobotany – Linking Biology and Traditional Knowledge" (PI, \$ 15,000)
- Senomyx Inc. - Discovery plant collection contract (\$ 10,000)
- NIH-MHIRT Minority Health Disparity Research and Training Grant Peru 2008 (through San Diego State University, Bob Pozos PI, \$ 40,000)
- New Chapter Organics Support for participation in Third Alan G. Johnson Memorial Conference on Ethnomedicine, Health and Environmental Conservation. Costa Rica (\$ 2,000).
- Missouri Life Science Award (Co-PI, \$ 340,000).
- 2007** NIH-MHIRT Minority Health Disparity Research and Training Grant Peru 2008 (through San Diego State University, Bob Pozos PI, \$ 40,000)
- 2005** Gordon and Betty Moore Foundation Research and Conservation Grant „Parque Nacional Rio Abiseo, Reserva Comunal Cordillera Colan, Reserva Alto Mayo, Peru“ (Co-PI, Nature and Culture International, \$1,780,000)
- NIH-MIRT Minority Research and Training Grant Peru 2005 (through San Diego State University, Bob Pozos PI, \$ 20,000)
- 2004** USDA-T-STAR Grant "Controlling Invasive Species through the Use of Native Plant Agroforestry Systems" (Co-PI, \$ 114,500)
- NIH-MIRT Minority Research and Training Grant Peru 2004 (through San Diego State University, Bob Pozos PI, \$ 30,000)
- 2003** NIH-MIRT Minority Research and Training Grant Peru 2003 (through San Diego State University, Bob Pozos PI, \$ 30,000)
- 2002** German Science Foundation Grant "Vegetation and Ecology of Southern Ecuadorian Mountain Forests" (PI, \$50,000)
- University of Hawaii Start-up Funds (PI, \$100,000)
- NIH-MIRT Minority Research and Training Grant Peru 2002 (through San Diego State University, Bob Pozos PI, \$ 30,000)
- 2000** BMBF (German Ministry for Education and Research) "Vegetation, Ecology and Use of Kakamega Forest, Kenya," and Establishment of Maseno Botanical Garden (PI, \$350,000)
- Equipment for Kakamega Research Project, Kenya (PI, Nature and Culture International, \$10,000)
- 1999** DFG (German Science Foundation) Habilitation Stipend "Vegetation and Ecology of Southern Ecuadorian Mountain Forests", (PI, \$100,000)

- 1997** DFG (German Science Foundation) Postdoctoral Grant "Vegetation and Ecology of Southern Ecuadorian Mountain Forests", (PI, \$100,000)
- 1996** Grant for Establishment of Estacion Cientifica San Francisco, Ecuador (PI, Nature and Culture International, \$500,000)
- 1995** Rapid Assessment Expedition Southern Ecuador (PI, Private, \$20,000)
Expedition Grant "Ethnobotany of Southern Ecuador" (PI, Private, \$10,000)
- 1993** DFG (German Science Foundation) Ph.D. and Postdoctoral Grant "Vegetation and Ecology of East African Mountain Forests" (PI, \$100,000)
- 1992** DFG (German Science Foundation) M.S. Grant "Vegetation and Ecology of East African Mountain Forests" (\$ 25,000)

Graduate students - Advisor or committee member

Doctoral Dissertations

Tate, R.W. Ethnobotany and conservation in Adjara, Republic of Georgia. University of Florida.

de Farias Lima J.R. Ethnobotany and climate change in campesino communities of the cerrado, Paraiba, Brazil.

Kunwar, R. Diversity and indigenous use of plant resources in West Nepal.

Rakotoarivelo, N.H. Inventory of useful and multiple use plants, in particular woody species at Vohibe forest, Ambalabe, Vatomaniry and their extinction risk assessment. 2015.

Randrianarivony, T. Ethnic value of vegetail ressources in the surroundings and in the sacred forest of Analavelona, a new protected area in Southwest Madagascar. 2015.

Lozano, P. Vegetation and regeneration of natural landslides in the montane forests of Southern Ecuador, 2011.

Souto, T. Ethnoecology and forest dependency level of four indigenous and non-indigenous communities in the Lower Caura River, Venezuela. 2009.

Njoroje, G. Land use and use of forest resources, particularly medicinal plants, in the Mount Kenya region, Kenya. 2004.

Ochieng Nyunja R. Land use and use of forest resources, particularly medicinal plants, in the Kakamega region, Kenya. 2004.

Fonge, B. Vegetation recovery on lava flows of different successional age on Mt. Cameroon, Cameroon. 2004.

Masters Theses

Monigatti, M. Ethnobotany in the Northern Peruvian Andes, 2011.

Rabearivony, D.A.N. Medicinal plants used by men at Ambalabe-Vatomaniry – Health implications, regeneration and conservation status, 2011.

Raveloson, T.F. Ethnobotanical studies and ecological status assessment of some medicinal species used by female healers and women at Ambalabe-Vatomaniry, 2011.

Ratsaralaza, H.L.N. The most frequently used medicinal plants of the new protected area of Agnalazaha (Mahabo, Mananivo, Fargangana. Ethnobotanical and ecological studies for conservation strategy, 2011.

Razafindraibe, N.M. Medicinal plants used by women in Agnalazaha littoral forest and its surroundings: Ethnobotany and conservation ecology, 2011.

Randriamiharisoa, T.N.M. Ethnobotanical study and status assessment of some medicinal plants of Analamanga Region, 2011.

Fraiola, H.K. Documenting recovery: An assessment of regeneration and selected management actions in the Waianae Kai Forest Reserve after a wild-fire, 2005.

Lozano, D.F. & Sarango, S.P. Vegetacion Pionera de los Derrumbos de la Franja Occidental del Parque Nacional Podocarpus, 2005.

Uday, V. Distribución Florística del bosque de neblina montano en la Reserva Tapichalaca, Cantón Palanda. – Floristic distribution in two plots in the cloud forest of Reserva Tapichalaca, Canton Palanda; 2003.

- Werner, F.** Epiphytenzonierung im Höhengradienten der montanen Bergwälder der Estación Científica San Francisco, Ecuador - Epiphyte zonation in the altitudinal gradient of the mountain forests of Estación Científica San Francisco; 2002.
- Homann, P.** Vegetation communities of the upper montane forest in Estación Científica San Francisco, Ecuador; 2001.
- Torracchi, S.C. & Escobedo V., R.** Estado de conservación del bosque y su influencia en la diversidad alfa de briófitas en la Estación Científica San Francisco - Conservation status of forest and its influence on Alpha-Diversity of Btyophytes in Estación Científica San Francisco; 2001.
- Leischner, B.** Holznutzung und Holzmarkt in den Provinzen Loja und Zamora-Chinchipe, Süd-Ecuador - Timber use and timber market in the provinces of Loja and Zamora-Chinchipe, South Ecuador; 2000.
- Gálvez, J.R.** Estudio florístico y dasométrico del bosque tropical de montaña no perturbado de la Estación Científica San Francisco - Floristic and dasiometric study of the undisturbed tropical mountain forests of Estación Científica San Francisco; 2000.
- Ordoñez, O.R.** Estudio dasométrico y composición florística y regeneración natural del bosque alterado de montaña de la Estación Científica San Francisco - Dasiometric study and floristic study of the disturbed tropical mountain forests of Estación Científica San Francisco; 2000.
- Ohl, C.** Vegetation on natural landslides in the tropical mountain forest of southern Ecuador, with special consideration of the altitudinal gradient. 2000.
- Alvarado, R.P.** Levantamiento de la cubierta vegetal en la Reserva Biológica de la Estación Científica San Francisco y diagnóstico socio-económico del área de influencia - Vegetation cover in the Biological Reserve of Estación Científica San Francisco and socio-economic profile of its area of influence; 1999.

External Thesis Advisor

2013	West Bengal University of Technology, Kolkatta, India
2009	Madurai Mamaraj University, Madurai, India
2009	St. Xavier's College, Palayamkottai, India;
2009	Manonmaniam Sundaranar University, Tirunelveli, India
2002-2006	University of Buea, Cameroon
2002-2005	Kenyatta University, Nairobi, Kenya
2000-2005	Maseno University, Maseno, Kenya
1997-2005	Universidad Nacional Loja, Ecuador

Teaching Experience

Advanced Statistics in Ethnobiology (Universidad Mayor San Andres, La Paz, Bolivia)
Advanced Ethnobotany (Universidad Nacional Mayor San Marcos, Lima, Peru)
Advanced Ethnobotany (Universidad Mayor San Andres, La Paz, Bolivia)
Advanced Ethnobotany (Ilya State University, Tbilisi, Georgia)
Advanced Statistics in Quantitative Ethnobiology (Universidad Mayor San Andres, La Paz, Bolivia)
Ethics in Ethnobiology (Universidad Mayor San Andres, La Paz, Bolivia)
Medicinal Botany (Lecture/Seminar, Washington University St. Louis)
Economic Botany (Seminar, Washington University St. Louis)
Biodiversity Conservation (Seminar, University of Texas at Austin)
Ethnobotany and Tropical Plant Ecology (Field Class in Northern Peru, UC Berkeley)
Vegetation Community Ecology (Lecture/Seminar, Field Class, Universität Bayreuth)
Ethnobotany / Economic Botany (Lecture/Seminar, Universität Bayreuth)
Vegetation and Ecology of Tropical and Temperate High Mountain Systems (Seminar, Universität Bayreuth)
Arctic and Alpine Plant Communities: Vegetation, Ecology and Physiology (Seminar, Universität Bayreuth)
Conservation, Management and Sustainable Use of Natural Resources (Lecture/Seminar, Emory University)
International Law, Biodiversity Convention and Intellectual Property Rights (Lecture/Seminar, Emory University)
Introductory Botany, Plant Morphology and Anatomy (Lecture, Universität Bayreuth)

Mentoring Activities

NIH-MHIRT Peru (Minority Health Disparity Research Training 2002-)
Planting Science (2009-2010)
Washington University SURF (Summer Undergraduate Research Fellowship 2009-2014)

Review and Editorial Activities

Grant Reviews

National Institutes of Health –International Cooperative Biodiversity Groups (2008-); Commission of the European Union, 5th, 6th and 7th Framework Program (2000-); Bundesministerium für Wissenschaft, Forschung und Wirtschaft (Österreich) (2016-); Missouri Life Science Research Fund (2009); National Geographic Society (2009-); Czech Academy of Science (2005-); Gesellschaft fuer Technische Zusammenarbeit – German Development Agency (1998-); Medical Research Council (MRC) South Africa (2012-); Swiss National Science Foundation (2005-); South African Science Council (2008-); Volkswagen Foundation (1999-)

Editorial Activities

Editor in Chief Gaia Scientia (2015-)
Lyonia (2003-2006)

Deputy Editor Journal of Ethnobiology and Ethnomedicine (2009-)

Academic Editor PlosONE (2016-)

Senior Editor Ethnobotany Research and Application (2008-2014)

Associate Editor Economic Botany (2012-)
Ethnobiology and Conservation (2014-)
Evidence Based Complementary and Alternative Medicine (2013-)
Gaia Scientia (2014)
Indian Journal of Traditional Knowledge (2010-)
Journal of Ethnobiology and Ethnomedicine (2004-2009)
Journal of Botanical Research and Applications (2015-)

Reviewer for International Scientific Journals

Acta Societatis Botanicorum Poloniae, Arnela, African Journal of Biotechnology, African Journal of Traditional, Complementary and Alternative Medicines, African Journal of Pharmacy and Pharmacology, African Journal of Plant Science, American Fern Journal, American Journal of Botany, Arabian Journal of Chemistry, Biodiversitas, Biodiversity and Conservation, Biological Conservation, Biological Theory, Biomass and Bioenergy, BMC Complementary and Alternative Medicine, BMC Pharmacology and Toxicology, Celdasia, Cambodian Journal of Naturel History, Caspian Journal of Environmental Sciences, Caribbean Journal of Science, Climate Change, Colombia Forestal, Conservation and Society, Current Traditional Medicine, Eco Health, Ecologia en Bolivia, Economic Botany, Ecotropica, Environmental Management, Environmental Monitoring and Assessment, Environment, Development and Sustainability; Environment and Society, Ethnobotany Research and Applications, European Journal of Integrative Medicine, European Journal of Medicinal Plants, Evidence Based Complementary and Alternative Medicine, Forest Ecology and Management, Forestry Studies in China, Geoderma, Ghana Journal of Forestry, Herbalgram, Indian Journal of Traditional Knowledge, Industrial Crops and Products, International Journal of Microbiology, International Journal of Dental Science and Research, International Journal of Sociology and Anthropology, Israel Botanical Journal, JAAUBAS, Journal of Biogeography, Journal of Dietary Supplements, Journal of East African Natural History, Journal of Ethnobiology, Journal of Ethnobiology and Ethnomedicine, Journal of Ethnopharmacology, Journal of Epithelial Biology & Pharmacology, Journal of Herbal Medicine; Journal of Horticulture and Forestry, Journal of Medicinal Plants Research, Journal of Tropical Forest Science, Ethnobotany Research and Application, Landscape Ecology and Engineering, Medicines, Mountain Research and Development, Nature Plants, Phytochemistry Letters, PloS One, Pharmaceutical Biology, Phytochemistry, Plants, Plant Ecology, Plant Ecology and Evolution, PNAS, Restoration Ecology, Science of the Total Environment,

Sinet – Ethiopian Journal of Science, South African Journal of Botany, Trees, Tropical Ecology, Vegetation Ecology

Service to professional Societies

Society for Economic Botany: Immediate Past President (2012-2013), President (2011-2012), President Elect (2010-2011), Council Member (2008-2010); Ethics Committee (2012-), Publication Committee (2013-2016), Schultes Award Committee (2008, 2009, 2012, 2013, 2015)

International Society for Ethnopharmacology: Board Member (2010-2014)

Society of Ethnobiology: Board Member (2008-2011)

Botanical Society of America – Council Member, Chair Economic Botany Section (2008-2011)

Garden Clubs of America – Chatham Award Committee Member (2007-)

International Society of Ethnobiology: Secretary (2010); Student Award Committee Member (2010); Member Ethics Toolkit Committee (2008-2009)

Sacred Seeds: Co-Founder, board member (2008-2015)

Nature and Culture International: Co-Founder, Vice-President and Scientific Director (1997-2009)

Professional Memberships

AETFAT (Association for the Taxonomic Study of the Flora of Africa), Association of Tropical Biology and Conservation, Botanical Society of America, Bayerische Botanische Gesellschaft, East Africa Natural History Society, Funbotanica (Ecuadorian Botanical Society), German Society for Tropical Ecology (GTOE), Global Mountain Biodiversity Assessment (GMBA), Gloria (Global Observation Research Initiative in Alpine Environments), International Society for Ethnobiology, International Society for Ethnopharmacology, Sociedad Botánica de Bolivia, Sociedad de Botánica de Perú, Society for Economic Botany, Society for Ethnobiology

Documentaries

TV Documentaries About Own Research:

2001 “Humboldt’s Heirs – The Valley of Longevity,” Ecuador, ZDF – Public German Television

2002 “Valley of Longevity,” Ecuador, ARD – Public German Television

2015 “The Secret World of Herbs – South America”, arte (Germany/France), mdr (Germany), SWR (Germany), Encuentro (Argentina)

Congress organization

IVth William L. Brown Symposium, St. Louis, MO, April 30, 2015

American Society of Pharmacognosy, St. Louis, Missouri, July 13-17, 2013.

Botany 2011 – Joint annual meeting of the Society for Economic Botany, Botanical Society of America, American Society of Plant taxonomists, American Fern Society, and IIIrd William L. Brown Symposium, St. Louis, MO, July 9-13, 2011.

IInd William L. Brown Symposium, St. Louis, MO, November 7-8, 2008.

47th IAVS (International Association for Vegetation Science) Congress, Hawaii, July 18-23, 2004

2nd Congress of Biodiversity in the Andes and Amazon Basin and IV. Ecuadorian Botanical Congress, Loja, Ecuador, August 25–30 2003

1st International Congress on Conservation of Biodiversity in the Andes and the Amazon Basin,
Cusco, Peru, September 24-28, 2001

Fieldwork and Research Experience

Collection of over 20,000 numbers and field research in over 40 countries and territories: Argentina, Austria, Belgium, Bhutan, Brazil, Bolivia, Bosnia-Herzegovina, China, Colombia, Costa Rica, Croatia, Czech Republic, Cyprus, Ecuador, Ethiopia, France, French-Polynesia, Georgia, Germany, Greece, Hawai'i, Hungary, India, Iran, Kazakhstan, Kenya, Kyrgyzstan, Madagascar, Macedonia, Mexico, Nepal, Netherlands, Pakistan, Peru, Portugal, Russia, Serbia, Slovenia, South Africa, Sri Lanka, Sweden, Switzerland, Tanzania, Thailand, Turkey, UAE, United States (25 States), Viet Nam.

2016 Spain – December (Historic Ethnobotany)
2016 Peru – November-December (Ethnobotany)
2016 Bolivia – October-November (Ethnobotany)
2016 Portugal – October (Ethnobotany)
2016 China - September (Ethnobotany)
2016 Republic of Georgia – August (Ethnobotany)
2016 Bolivia – Junly - (Ethnobotany)
2016 Bolivia – May (Ethnobotany)
2016 Bolivia – March-April (Ethnobotany)
2016 India – February (Ethnobotany)
2016 Spain – January (Historic Ethnobotany)
2015 Bolivia - December (Ethnobotany)
2015 Spain – October-November (Historic Ethnobotany)
2015 Republic of Georgia - September-October (Ethnobotany)
2015 Bolivia - July-August (Ethnobotany)
2015 Peru - May-June – (Floristics)
2015 Kazakhstan – April (Floristics)
2015 Bolivia – January (Ethnobotany)
2015 Spain – November (Historic Ethnobotany)
2015 Bolivia – January-February (Ethnobotany)
2014 Spain – November-December (Historic Ethnobotany)
2014 Bolivia – September-October (Ethnobotany)
2014 Republic of Georgia - July-August (Ethnobotany)
2014 Bhutan – June (Ethnobotany)
2014 Madagascar – May (Ethnobotany and Floristics)
2014 Bolivia – January-February (Ethnobotany and Floristics)
2013 Peru – November (Floristics)
2013 Bolivia, Peru – September (Ethnobotany)
2013 Republic of Georgia– July (Ethnobotany)
2013 Turkey – July (Ethnobotany)
2013 Bolivia – May (Ethnobotany)
2013 Madagascar – March (Ethnobotany and Floristics)
2012 Bolivia – December (Ethnobotany)
2012 Bolivia – October/November (Floristics)
2012 Peru – October/November (Floristics)
2012 Peru – August (Ethnobotany, Floristics)
2012 Peru – March (Ethnobotany)
2012 India – February (Ethnobotany)
2011 Bolivia – December (Ethnobotany)
2011 Peru – October (Ethnobotany)
2011 Colombia, Peru – August (Ethnobotany)
2011 Peru – May (Floristics)
2011 Peru, Bolivia – March (Ethnobotany)
2011 Madagascar – February (Ethnobotany)

2011 Bolivia – January (Ethnobotany)
 2010 Peru - December (Ethnobotany)
 2010 Bolivia – October (Ethnobotany)
 2010 Peru – June-July (Ethnobotany, Floristics)
 2010 Madagascar – April (Ethnobotany, Floristics)
 2010 Costa Rica – February (Ethnobotany, Floristics)
 2009 Ethiopia – December (Ethnobotany, Floristics, Vegetation Ecology)
 2009 Republic of Georgia – December (Ethnobotany)
 2009 Bolivia, Ecuador – October-November (Ethnobotany, Floristics)
 2009 Peru – June-July (Ethnobotany, Floristics)
 2009 Costa Rica – May (Ethnobotany, Floristics)
 2009 India – February-March (Ethnobotany)
 2008 Viet Nam – September-October (Ethnobotany, Floristics)
 2008 Madagascar – August-September (Ethnobotany, Floristics)
 2008 Peru – June-July (Ethnobotany, Floristics)
 2007 Peru – June-August (Ethnobotany, Floristics)
 2006 Ecuador – September (Vegetation Ecology, Floristics)
 2006 Peru – July (Ethnobotany, Floristics)
 2005 Ecuador – August and November (Vegetation Ecology, Floristics)
 2005 Peru – August (Ethnobotany, Floristics)
 2004 Thailand – November (Ethnobotany, Floristics)
 2004 Sri Lanka – November (Ethnobotany, Floristics)
 2004 India – October-November (Ethnobotany)
 2004 Iran – October (Ethnobotany, Floristics)
 2004 Spain – September (Floristics)
 2004 Peru – July (Ethnobotany, Floristics)
 2004 Peru – April (Ethnobotany, Floristics)
 2004 French Polynesia – April (Ethnobotany, Floristics)
 2003 Peru – August (Ethnobotany, Floristics)
 2003 Ecuador – August (Vegetation Ecology, Floristics)
 2002 Kenya – October-November (Ethnobotany, Floristics)
 2002 Ecuador –October (Vegetation Ecology, Floristics)
 2002 Ecuador – June-July (Vegetation Ecology, Floristics)
 2002 Kenya – March (Ethnobotany, Floristics)
 2001 Spain – May-June (Vegetation Ecology, Floristics)
 2000 Ecuador – October (Vegetation Ecology, Floristics)
 2000 Peru – August-October (Ethnobotany, Floristics)
 2000 Kyrgyzstan – August (Ethnobotany, Floristics)
 2000 Ecuador – August (Vegetation Ecology, Floristics)
 2000 Ecuador – May (Vegetation Ecology, Floristics)
 2000 Bolivia – May (Vegetation Ecology, Floristics)
 2000 Peru – April-May (Ethnobotany, Floristics)
 2000 Mexico – February (Ethnobotany, Floristics)
 1999 Ecuador –October (Vegetation Ecology, Floristics)
 1999 Peru – September (Ethnobotany, Floristics)
 1999 Ecuador – July (Vegetation Ecology, Floristics)
 1999 Ecuador – April (Vegetation Ecology, Floristics)
 1998 Ecuador –October (Vegetation Ecology, Floristics)
 1998 Ecuador –July (Vegetation Ecology, Floristics)
 1998 Spain – February-March (Vegetation Ecology, Floristics)
 1998 Ecuador – January (Vegetation Ecology, Floristics)
 1997 Ecuador –September-December (Vegetation Ecology, Floristics)
 1997 Ecuador – June-August (Vegetation Ecology, Floristics)
 1997 Spain – May-June (Vegetation Ecology, Floristics)
 1997 Ecuador – March-May (Vegetation Ecology, Floristics)
 1996 Mexico – December (Vegetation Ecology, Floristics)
 1996 Kenya – July (Vegetation Ecology, Floristics)
 1996 Spain – May-June (Vegetation Ecology, Floristics)

1996 France – May (Vegetation Ecology, Floristics)
1996 Ethiopia – February (Vegetation Ecology, Floristics)
1996 Ecuador – September-November (Vegetation Ecology, Floristics)
1995 Ethiopia – November (Vegetation Ecology, Floristics)
1995 Ecuador – September (Ethnobotany, Floristics)
1995 Kenya – April-July (Vegetation Ecology, Floristics)
1995 Ethiopia – March (Vegetation Ecology, Floristics)
1994 Tanzania – August (Vegetation Ecology, Floristics)
1994 Kenya – January-August (Vegetation Ecology, Floristics)
1993 Kenya – November-December (Vegetation Ecology, Floristics)
1993 Kenya – February-July (Vegetation Ecology, Floristics)
1992 Kenya – February-July (Vegetation Ecology, Floristics)
1991 Sweden – July (Floristics)
1991 Ecuador – February-April (Floristics)
1990 France (Bretagne) – November (Floristics of Algae)
1990 Sweden – August-September (Floristics)
1990 Turkey – July (Floristics)
1990 Kenya – February-April (Floristics)
1989 Kenya – February-April (Floristics)
1987 Greece – February-April (Floristics)
1985 Cyprus – March-April (Floristics)

Publications

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Scopus ID: 6603001909; indexed publications: 94, citations: 1,041, h-index: 19

Google Scholar: citations 3,338, h-index: 33, h-index (from 2011): 26

Researchgate: citations 2,246, h-index: 26, RG score 43.55

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