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EMPLOYMENT

2018 – Present: **Matthew Calbraith Perry Associate Curator of Economic Botany and Caribbean Program Director**, Institute of Economic Botany, The New York Botanical Garden, New York

I direct the Caribbean Program at the Garden, which combines floristics and ethnobotany research to compare traditional knowledge of useful plant diversity across the Caribbean islands of the Dominican Republic and Jamaica, and within the Mexican and Caribbean diasporas in New York City (Jamaicans, Dominicans, and Puerto Ricans). In Jamaica, I collaborate with local communities and academics from The University of the West Indies, Mona, to study the plant diversity and cultural origins of Jamaican root tonics, fermented beverages made with wild-harvested plants. In addition, I have a project in the John Crow Mountains, a National Park and UNESCO World Heritage Site, that re-assesses the conservation status of a vulnerable endemic tree, *Cinnamodendron corticosum* (Canellaceae). In New York City, I am developing an on-line teaching curriculum called **CarLo-E2** (Caribbean and Latino Ethnobotany and Ethnomedicine) for medical education, to train the next generation of healthcare providers in improved cultural sensitivity during the clinical encounter.

2014 – 2017: **Matthew Calbraith Perry Assistant Curator of Economic Botany and Caribbean Program Director**, Institute of Economic Botany

2010 – 2013: **Ethnomedical Research Specialist**, Institute of Economic Botany, The New York Botanical Garden, New York

Projects directed: *Improving Healthcare for Underserved Immigrant Latino Communities in New York City* (The Aetna Foundation, The Cigna Foundation), *Cultural Competency Training for Health Care Professionals in Latino Ethnomedical Systems in New York City* (The United Hospital Fund); *Dominican Ethnomedicine and Culturally Effective Health Care in New York City* (The Jacob and Valeria Langeloth Foundation) and *Dominican Traditional Medicine for Urban Community Health* (National Institutes of Health/NCCAM).

2005 – 2009: **Postdoctoral Research Associate**, Institute of Economic Botany, The New York Botanical Garden, New York

Projects directed: *Dominican Ethnomedicine and Culturally Effective Health Care in New York City* (The Jacob and Valeria Langeloth Foundation) and *Dominican Traditional Medicine for Urban Community Health* (NIH/NCCAM).

The Dominican Urban Ethnomedicine Project at the IEB was an interdisciplinary project funded by the National Institutes of Health/National Center for Complementary and Alternative Medicine (NIH/NCCAM) (PI: Dr. Michael J. Balick; Grant # R21 AT001889) to document the plants used for common health conditions by Dominican immigrants in New York City. The main research question was: “What happens with medicinal plant knowledge and plant use when people migrate from the Dominican Republic to New York City where they are faced with different living conditions in a new natural environment?” The results showed that, contrary to what was expected, medicinal plant knowledge was not lost, but actively transformed in this community, and the importance of foods as medicines increased after migration.

2000 – 2002: **Postdoctoral Research Associate**, Ghent University, Belgium

Lead researcher on a project funded by the Belgian government: *Medicinal Plant Explorations in the Bolivian Andes and Amazon*: Floristics and ethnobotanical research was conducted in a traditional farming community in the Andes and in several indigenous communities in the Amazon in Bolivia. The results demonstrated that, contrary to what was predicted, knowledge held by traditional healers about medicinal plants was high in an environment significantly affected by humans such as the Andes as compared to the tropical rainforest in the Amazon. Knowledge about medicinal plants in the Amazon was higher in communities isolated from Western primary healthcare services, and was inversely related to the use of pharmaceuticals.

1997 – 1998: **Research Associate**, Neuropharmacology Department, UCB Pharma, Belgium

Neuropharmacology research into animal models of depression and epilepsy

1991 – 1995: **Graduate student**, Faculty of Biological Sciences and Faculty of Medicine and Health Sciences, Ghent University, Belgium

Research into the neuropharmacological background of stereotyped animal behavior induced by captivity in a rodent species (the bank vole, *Myodes glareolus*)

ADJUNCT APPOINTMENTS

2020-Pres: [Assistant Professor \(Adjunct\)](#), Yale School of the Environment, New Haven, USA

2017-2021: [Adjunct Research Scientist](#), Department of Ecology, Evolution & Environmental Biology (E3B), Columbia University, NY, USA

2012-Pres: [Adjunct Faculty Member](#), Biology PhD Program, City University of New York (CUNY), NY, USA

2010-2019: Lecturer, Yale School of the Environment, New Haven, USA

2008-Pres: [Research Associate](#), William L. Brown Center for Plant Genetic Resources (WLBC), Missouri Botanical Garden, MO, USA

2008-2009: Adjunct Faculty, Center for Environmental Research and Conservation (CERC), Columbia University, NY, USA

1999-2001: Visiting Lecturer, MSc. Program in Environmental Sciences, Universidad Mayor de San Simón, Cochabamba, Bolivia

OTHER APPOINTMENTS

2021: Senior Associate Editor, journal *Economic Botany*

2021: Member of the Editorial Board, *Checklist in Ethnobiology*

2020-Pres: Guest Editor *Plants*, [Special Issue on Ethnobotany and Community Health](#)

2020-Pres: Guest Editor *Frontiers in Sustainable Food Systems*, [Special Issue on Traditional Food Knowledge: New Wine into Old Wineskins?](#)

2020-2021: Guest Editor *Economic Botany*, [Special Issue on Caribbean Ethnobotany](#)

2018-Pres: Conference Planning Committee Member, 61st annual meeting of the Society for Economic Botany (SEB) and the 17th biannual meeting of the International Society of Ethnobiology (ISE), to be held at the University of the West Indies, Mona Campus, Kingston, Jamaica

- 2018-2019: International scientific committee member, 7th International Congress of Ethnobotany (ICEB), Recife, Brazil (16-19 October 2019)
- 2017-Pres Editor, *Advances in Economic Botany*, and NYBG Press Advisory Committee member, NYBG Press and Springer
- 2015-2020: Associate Editor, *Economic Botany*
- 2014: Member of the International Scientific Committee of the 6th International Congress of Ethnobotany held in Córdoba, Spain (17-21 November, 2014)
- 2012-Pres: Editorial Board Member, *Ethnobiology and Conservation*
- 2011-2012: Scientific Committee Member, 13th International Congress of the International Society for Ethnopharmacology, Graz, Austria (2-6 September, 2012)
- 2010-2013: Council Member-at-Large, Society for Economic Botany
- 2010-2013: Secretary and Treasurer, Economic Botany Section, Botanical Society of America
- 2009-2013: Advisory Committee Member, Wild Medicine Exhibition, The New York Botanical Garden
- 2009-Pres: Deputy Editor, *Journal of Ethnobiology and Ethnomedicine*
- 2009: International Scientific Committee Member, 5th International Congress of Ethnobotany (ICEB 2009), “Traditions and transformations in Ethnobotany”, San Carlos de Bariloche, Argentina [http://www.iceb2009.com.ar/en/about_us]
- 2008-2010: Treasurer, International Society of Ethnobiology
- 2005-2009: Associate Editor, *Journal of Ethnobiology and Ethnomedicine*

CONSULTANCIES

- 2017: Peer Reviewer, National Commission on Science and Technology, Jamaica
- 2015: Botanical advisor, Leon Levy Native Plant Preserve, Eleuthera (Bahamas), to review the Preserve’s current conservation programs and to provide recommendations as to how the Preserve should move forward with a science program
- 2014: Expert evaluator assisting the Romanian – European Economic Area (EEA) Research program with evaluation of joint plant research projects undertaken by scientists from Romania and EFTA States (Norway, Iceland and Liechtenstein)
- 2013: Expert evaluator assisting the European Commission with evaluation of proposals for the 7th Framework: EU-Latin America Partnering Initiative on sustainable biodiversity in agriculture
- 2013: Review and annotation of an Ethnoecology Handbook for CIFOR for training and research in the Neotropics (intended for undergraduate students in ecology, forestry, social sciences, agroforestry and ethnoecology)
- 2010: Development of Ethnobotanical Trails for Ecotourism in the Parque de la Biodiversidad, Monte Plata, Dominican Republic under the auspices of the Minister for Environment and Natural Resources of the Dominican Republic (Dr. Jaime David Fernández Mirabal)
- 2003: Project formulation mission for the Belgian University Development Cooperation to the Universidad Mayor de San Andrés, La Paz, Bolivia, to develop a proposal

related to institutional capacity building in ethnobotany research and training (using Project Cycle Management Methodology)

2000: Mission for the Belgian University Development Cooperation to startup of a capacity-building and applied ethnobotany research project at the Universidad Central de Las Villas, Santa Clara, Cuba, on plants used in traditional agriculture for the development of biological herbi- and pesticides

EDUCATION

1998: Ph.D. in Medical Sciences, Ghent University, Belgium

1996: Qualified Teacher's Degree for Higher Secondary Education in Biology, Ghent University, Belgium

1991: BSc. in Biology, Specialization Morphology and Systematics, Ghent University, Belgium

CERTIFICATES

1998: Certificate of International Training in Plant Systematics of Neotropical Families, Herbarium of Utrecht University, The Netherlands (7-week intensive program, 240 hours of Course Theory and Practice, including recognition of 100+ plant families of Tropical America and training in species identification)

1997: Doctoral Training Program Certificate, Ghent University, Belgium

HONORS AND AWARDS

2020: 22nd Kent-Kew Annual [Distinguished Ethnobotanist Lecture](#)

2000: Post-doctoral Research Fellowship (two years), Institute for the Promotion of Innovation through Science and Technology, Belgium

1991: Doctoral Research Fellowship (four years), Institute for the Promotion of Innovation through Science and Technology, Belgium

ARTICLES IN PEER REVIEWED JOURNALS

1. Pieroni A, Fontefrancesco MF, **Vandebroek I** (2021) A spotlight on new perspectives in the study of Traditional Food Knowledge. *Frontiers in Sustainable Food Systems* (In Press).
2. Vardeman E, **Vandebroek I** (2021) Caribbean women's health and transnational ethnobotany. *Economic Botany* (In Press).
3. Albuquerque UP, Ferreira Junior WS, **Vandebroek I**, Bussmann RW, Paniagua-Zambrana NY, Ladio AH, Voeks R, Melo F, Jacob MCM, Gonçalves-Souza T, Lopes AV, Soldati GT (2021) Decolonizing Latin American science. *Ethnobiology Letters* (In Press).
4. McAlvay A, Armstrong C, Baker J, Black Elk L, Bosco S, Hanazaki N, Joseph L, Martínez-Cruz TE, Nesbitt M, Palmer MA, Priprá de Almeida WC, Anderson J, Asfaw Z, Borokini IT, Cano-Contreras EJ, Hoyte S, Hudson M, Ladio AH, Odonne G, Peter S, Rashford J, Wall J, Wolverton S, **Vandebroek I** (2021) Ethnobiology Phase VI: Decolonizing institutions, projects, and scholarship. *Journal of Ethnobiology* 41: 170-191, <https://doi.org/10.2993/0278-0771-41.2.170>

5. **Vandebroek I**, Picking D, Tretina J, West J, Grizzle M, Sweil D, Green U, Lindsay D (2021) Root tonics and resilience: Building strength, health, and heritage in Jamaica. *Frontiers in Sustainable Food Systems* 5: 640171, <https://doi.org/10.3389/fsufs.2021.640171>
6. Dahdouh-Guebas A, **Vandebroek I** (2021) Impacts of the COVID-19 pandemic on mobility scholars who participate in international study exchange and research programs. *Ethnobiology and Conservation* 10: 17, <https://doi.org/10.15451/ec2021-02-10.17-1-7>
7. Pieroni A, **Vandebroek I**, Prakofjewa J, Bussmann RW, Paniagua-Zambrana NY, Maroyi A, Torri L, Zocchi DM, Dam ATK, Khan SM, Ahmad H, Yeşil Y, Huish R, Pardo-de-Santayana, M, Mocan A, Hu X, Boscolo O, Söukand R (2020) Taming the pandemic? The importance of homemade plant-based foods and beverages as community responses to COVID-19. *Journal of Ethnobiology and Ethnomedicine* 16: 75, <https://doi.org/10.1186/s13002-020-00426-9>
8. **Vandebroek I**, Pieroni A, Stepp JR, Hanazaki N, Ladio A, Alves RRN, Picking D, Delgoda R, Maroyi A, van Andel T, Quave CL, Paniagua-Zambrana NY, Bussmann RW, Odonne G, Abbasi AM, Albuquerque UP, Baker J, Kutz S, Timsina S, Shigeta M, Ribeiro Oliveira TP, Hurrell JA, Arenas PM, Puentes JP, Hugé J, Yeşil Y, Jean Pierre L, Olango TM, Dahdouh-Guebas F (2020) Reshaping the future of ethnobiology research after the Covid-19 pandemic. *Nature Plants* 6, 723-730, <https://doi.org/10.1038/s41477-020-0691-6>
9. Picking D, Delgoda R, **Vandebroek I** (2019) Traditional knowledge systems and the role of traditional medicine in Jamaica. *CAB Reviews* 14 (045): 1-13, 10.1079/PAVSNR201914045
10. **Vandebroek I**, Voeks R (2019) The gradual loss of African indigenous vegetables in tropical America: A review. *Economic Botany* 72: 543-571, <https://doi.org/10.1007/s12231-019-09446-3>
11. **Vandebroek I**, Picking D, Aiken S, Lewis PA, Oberli A, Mitchell S, Boom B (2018) A review of coralilla (*Antigonon leptopus*): An invasive and popular urban bush medicine in Jamaica. *Economic Botany* 72: 229-245, <https://doi.org/10.1007/s12231-018-9415-5>
12. Ceuterick M, **Vandebroek I** (2017) Identity in a medicine cabinet: Discursive positions of Andean migrants towards their use of herbal remedies in the United Kingdom. *Social Science & Medicine* 177: 43-51, <https://doi.org/10.1016/j.socscimed.2017.01.026>
13. Sander L, **Vandebroek I** (2016) Small-scale farmers as stewards of useful plant diversity: A case study in Portland parish, Jamaica. *Economic Botany* 70:303-319, <https://doi.org/10.1007/s12231-016-9354-y>
14. **Vandebroek I**, Balick MJ (2014) Lime for chest congestion, bitter orange for diabetes: Foods as medicines in the Dominican community in New York City. *Economic Botany* 68: 177-189, <https://doi.org/10.1007/s12231-014-9268-5>
15. Van Andel T, de Boer HJ, Barnes J, **Vandebroek I** (2014) Medicinal plants used for menstrual disorders in Latin America, the Caribbean, sub-Saharan Africa, South and Southeast Asia and their uterine properties: A review. *Journal of Ethnopharmacology* 155: 992-1000, <https://doi.org/10.1016/j.jep.2014.06.049>
16. **Vandebroek I** (2013) Intercultural health and ethnobotany: How to improve healthcare for underserved and minority communities? *Journal of Ethnopharmacology* 148: 746-754, <https://doi.org/10.1016/j.jep.2013.05.039>
17. Hanazaki N, Herbst DF, Marques MS, **Vandebroek I** (2013) Evidence of the shifting baseline syndrome in ethnobotanical research. *Journal of Ethnobiology and Ethnomedicine* 9: 75, <https://doi.org/10.1186/1746-4269-9-75>
18. Medeiros P, Soldati G, Alencar N, **Vandebroek I**, Pieroni A, Hanazaki N, Albuquerque UP (2012) The use of medicinal plants by migrant people: Adaptation, maintenance and

- replacement. *Evidence-Based Complementary and Alternative Medicine* 2012, <http://www.hindawi.com/journals/ecam/2012/807452/>
19. Van Andel T, Mitchell S, Volpato G, **Vandebroek I**, Swier J, Ruyschaert S, Rentería Jiménez CA, Raas N (2012). In search of the perfect aphrodisiac: Parallel use of bitter tonics in West Africa and the Caribbean. *Journal of Ethnopharmacology* 143: 840-850, <https://doi.org/10.1016/j.jep.2012.08.008>
 20. Henderson F, **Vandebroek I**, Balick MJ, Kennelly EJ (2012) Ethnobotanical research skills for students of underrepresented minorities in STEM disciplines. *Ethnobotany Research & Applications* 10: 389-402. Available at <http://ethnobotanyjournal.org/index.php/era/article/view/768>
 21. Mathez-Stiefel S, **Vandebroek I**, Rist S (2012) Can Andean medicine coexist with biomedical healthcare? A comparison of two rural communities in Peru and Bolivia. *Journal of Ethnobiology and Ethnomedicine* 8: 26, <https://doi.org/10.1186/1746-4269-8-26>
 22. **Vandebroek I**, Balick MJ (2012) Globalization and loss of plant knowledge: Challenging the paradigm. *PLOS One* 7:5, <https://doi.org/10.1371/journal.pone.0037643>
 23. Mathez-Stiefel S, **Vandebroek I** (2012) Distribution and Transmission of Medicinal Plant Knowledge in the Andean Highlands: A Case Study from Peru and Bolivia. *Evidence-Based Complementary and Alternative Medicine* 2012, <http://www.hindawi.com/journals/ecam/2012/959285/>
 24. **Vandebroek I**, Reyes-García V, Albuquerque UP, Bussmann R, Pieroni A (2011) Local knowledge: Who cares? *Journal of Ethnobiology and Ethnomedicine* 7:35, <https://doi.org/10.1186/1746-4269-7-35>
 25. Ceuterick M, **Vandebroek I**, Pieroni A (2011) Resilience of Andean urban ethnobotanies. A comparison of medicinal plant use among Bolivian and Peruvian migrants in the United Kingdom and in their countries of origin. *Journal of Ethnopharmacology* 136: 27-54, <https://doi.org/10.1016/j.jep.2011.03.038>
 26. Thomas E, Douterlungne D, **Vandebroek I**, Heens F, Goetghebeur P, Van Damme P (2011) Human impact on wild firewood species in the rural Andes community of Apillapampa, Bolivia. *Environmental Monitoring and Assessment* 178: 333–347.
 27. **Vandebroek I** (2010) The dual intracultural and intercultural relationship between medicinal plant knowledge and consensus. *Economic Botany* 64: 303-317, <https://doi.org/10.1007/s12231-010-9135-y>
 28. **Vandebroek I**, Balick MJ, Ososki A, Kronenberg F, Yukes J, Wade C, Jiménez F, Peguero B, Castillo D (2010) The importance of *botellas* and other plant mixtures in Dominican traditional medicine. *Journal of Ethnopharmacology* 128: 20-41, <https://doi.org/10.1016/j.jep.2009.12.013>
 29. Thomas E, **Vandebroek I**, Van Damme P (2009) Valuation of forests and plant species in Indigenous Territory and National Park Isiboro-Sécure, Bolivia. *Economic Botany* 63: 229-241.
 30. Thomas E, **Vandebroek I**, Van Damme P, Semo L, Noza Z (2009) *Susto* etiology and treatment according to Bolivian Trinitario people: a "masters of the animal species" phenomenon. *Medical Anthropology Quarterly* 23: 298-319.
 31. Thomas E, **Vandebroek I**, Van Damme P, Goetghebeur P, Douterlungne D, Sanca S, Arrazola S (2009) The relation between accessibility, diversity and indigenous valuation of vegetation in the Bolivian Andes. *Journal of Arid Environments* 73: 854-861.

32. Thomas E, **Vandebroek I**, Sanca S, Van Damme P (2009) Cultural significance of medicinal plant families and species among Quechua farmers in Apillapampa, Bolivia. *Journal of Ethnopharmacology* 122: 60–67.
33. Keller A, **Vandebroek I**, Liu Y, Balick MJ, Kronenberg F, Kennelly EJ, Brillantes AB (2009) *Costus spicatus* tea failed to improve diabetic progression in C57BLKS/J db/db mice, a model of type 2 diabetes mellitus. *Journal of Ethnopharmacology* 121: 248-254.
34. Thomas E, **Vandebroek I**, Van Damme P, Goetghebeur P, Sanca S, Arrazola S (2008) The Relationship between Plant Use and Plant Diversity in the Bolivian Andes, with Special Reference to Medicinal Plant Use. *Human Ecology* 36: 861- 861-879.
35. Ceuterick M, **Vandebroek I**, Torry B, Pieroni A (2008) Cross-cultural adaptation in urban ethnobotany: The Colombian folk pharmacopoeia in London. *Journal of Ethnopharmacology* 120: 342-359.
36. **Vandebroek I**, Thomas E, Sanca, S Van Damme P, Van Puyvelde L, De Kimpe N (2008) Comparison of health conditions treated with traditional and biomedical healthcare in a Quechua community in rural Bolivia. *Journal of Ethnobiology and Ethnomedicine* 4:1, <https://doi.org/10.1186/1746-4269-4-1>
37. Thomas E, **Vandebroek I**, Van Damme P (2007) What works in the field? A comparison of different interviewing methods in ethnobotany with special reference to the use of photographs. *Economic Botany* 61: 376-384.
38. Bussmann RW, Sharon D, **Vandebroek I**, Jones A, Revenc Z (2007) Health for sale: The medicinal plant markets in Trujillo and Chiclayo, Northern Peru. *Journal of Ethnobiology and Ethnomedicine* 3:37, <https://doi.org/10.1186/1746-4269-3-37>
39. Delanoy M, Scheldeman X, **Vandebroek I**, Van Damme P, Beck S (2007) Small-scale Cultivation of *Passiflora edulis* f. *flavicarpa* and *Passiflora ligularis* in the Yungas of La Paz, Bolivia. *Belgian Journal of Botany* 140: 150-160.
40. Pieroni A, Price LL, **Vandebroek I** (2005) Welcome to Journal of Ethnobiology and Ethnomedicine (Editorial). *Journal of Ethnobiology and Ethnomedicine* 1:1, <https://doi.org/10.1186/1746-4269-1-1>
41. **Vandebroek I**, Calewaert J, De Jonckheere S, Sanca S, Semo L, Van Damme P, Van Puyvelde L, De Kimpe N (2004) Use of medicinal plants and pharmaceuticals by indigenous communities in the Bolivian Andes and Amazon. *Bulletin of the World Health Organization* 82: 243-250. <http://www.who.int/bulletin/volumes/82/4/243arabic.pdf>
42. **Vandebroek I**, Van Damme P, Van Puyvelde L, Arrazola S, De Kimpe N (2004) A comparison of traditional healers' medicinal plant knowledge in the Bolivian Andes and Amazon. *Social Science & Medicine* 59: 837-849.
43. De Cupere F, **Vandebroek I**, Puentes M, Torres S, Van Damme P (2001) Evaluation of vegetal extracts as biological herbi- and pesticides for their use in Cuban agriculture. *Mededelingen / Universiteit Gent, Faculteit Landbouwkundige en Toegepaste Biologische Wetenschappen (Currently Communications in Agricultural and Applied Biological Sciences)* 66/2a: 455 – 462.
44. **Vandebroek I**, Bouche K, d'Herde K, Caemaert J, Roels F, Ödberg FO (1999) A stereotaxic atlas of the forebrain of the bank vole (*Clethrionomys glareolus*). *Brain Research Bulletin* 48 (6): 555-567.
45. **Vandebroek I**, Berckmoes V, Ödberg FO (1998) Dissociation between MK-801- and captivity-induced stereotypies in bank voles. *Psychopharmacology* 137: 205-214.

46. **Vandebroek I**, Ödberg FO (1997) Effect of apomorphine on the conflict-induced jumping stereotypy in bank voles. *Pharmacology Biochemistry and Behavior* 57 (4): 863-868.
47. **Vandebroek I**, Caemaert J, Ödberg FO (1996) A combined stereotaxic adaptor and anaesthesia apparatus for microdialysis studies in small rodents. *Journal of Neuroscience Methods* 68: 81-86.
48. De Ley P, **Vandebroek I** (1992) *Stegelletina laticollaris* n.sp., a second new species of the genus from Senegal (Nematoda : Cephalobidae). *Belgian Journal of Zoology* 122: 139-146.

BOOKS

1. **Vandebroek I**, Picking D (2020) *Popular medicinal plants in Portland and Kingston, Jamaica*. Advances in Economic Botany 19. New York: Springer.
2. **Vandebroek I**, Picking D (2016) *Popular medicinal plants in Portland and Kingston, Jamaica*. First Edition. Kingston, Jamaica: Pear Tree Press.
3. Pieroni A, **Vandebroek I** (2007) *Traveling Cultures and Plants. The Ethnobiology and Ethnopharmacy of Human Migrations*. Volume 7. Studies in Environmental Anthropology and Ethnobiology. New York: Berghahn Books.
4. Thomas E, **Vandebroek I** (2006) *Guía de plantas medicinales de los Yuracarés y Trinitarios del Territorio Indígena Parque Nacional Isiboro-Sécure, Bolivia* [Guide to the medicinal plants from the Yuracarés and Trinitarios of the Indigenous Territory National Park Isiboro-Sécure, Bolivia]. Imprenta Sirena, Santa Cruz, Bolivia, 522 pp., ISBN 978-90-5989-139-5 [in Spanish].
5. **Vandebroek I**, Thomas E, Ametrac (2003) *Las plantas medicinales para la atención primaria de la salud. El conocimiento de ocho médicos tradicionales de Apillapampa, Bolivia* [Medicinal plants for primary healthcare. The knowledge of eight traditional healers from Apillapampa, Bolivia]. Industrias Gráficas Serrano, Cochabamba, Bolivia, 317 pp., ISBN 90-5989-009-4 [in Spanish].

BOOK CHAPTERS

1. **Vandebroek I** (2021) Transnational journeys and biocultural heritage: The Caribbean food-medicine nexus. In: *Food Mobilities: Making World Cuisines* (Eds. Simone Cinotto and Daniel Bender). Toronto: University of Toronto Press (In Press).
2. **Vandebroek I** (2021) Traveling Traditions: Dominican Ethnobotany in Service of Caring for the Community. In: *Healing Paradise: A Radically Reimagined Ethnobotany of the Caribbean* (Ed. Rosalina Diaz). New York: DIO Press (In Press).
3. Picking D, **Vandebroek I** (2019) Traditional and Local Knowledge Systems in the Caribbean: Jamaica as a case study. In: *Tribal and Indigenous Knowledge for the Modern Era. A Natural and Applied Science Perspective* (Eds. D.R. Katerere, W. Applequist, O.M. Aboyade and C. Togo). Florida: CRC Press, pp. 89-116.
4. **Vandebroek I** (2016) Ethical aspects of working with local communities and their biological resources. In: *Pharmacognosy: Fundamentals, Applications and Strategy* (Eds. S. Badal and R. Delgado). London, UK: Academic Press, Elsevier, pp. 645-651.
5. **Vandebroek I** (2016) Cultural comparisons in ethnobiological research. In: *Introduction to Ethnobiology* (Eds. U.P. Albuquerque and R.R. Nóbrega Alves). Switzerland: Springer International Publishing, pp. 265-271.
6. Soares Ferreira W, Santoro FR, **Vandebroek I**, Albuquerque UP (2016) Urbanization, modernization and nature knowledge. In: *Introduction to Ethnobiology* (Eds. U.P. Albuquerque and R.R. Nóbrega Alves). Switzerland: Springer International Publishing, pp. 251-256.

7. **Vandebroek I**, Moerman D (2015) The anthropology of ethnopharmacology. In: *Ethnopharmacology* (Eds. M. Heinrich and A.K. Jaeger). Hoboken, NJ: Wiley-Blackwell, pp. 17-28.
6. Pieroni A, **Vandebroek I** (2007) Introduction. In: *Traveling Cultures and Plants. The Ethnobiology and Ethnopharmacy of Human Migrations* (Eds. A. Pieroni and I. Vandebroek). Volume 7. Studies in Environmental Anthropology and Ethnobiology. New York: Berghahn Books, pp. 1-13.
7. **Vandebroek I**, Balick MJ, Yukes J, Durán L, Kronenberg F, Wade C, Ososki A, Cushman L, Lantigua R, Mejía M, Robineau L (2007) Use of medicinal plants by Dominican immigrants in New York City for treatment of common health problems – a comparative analysis with literature data from the Dominican Republic. In: *Traveling Cultures and Plants. The Ethnobiology and Ethnopharmacy of Human Migrations* (Eds. A. Pieroni and I. Vandebroek). Volume 7. Studies in Environmental Anthropology and Ethnobiology. New York: Berghahn Books, pp. 39-63.
8. Ceuterick M, **Vandebroek I**, Pieroni A (2007) The use of home-remedies for health-care and well-being by Spanish-speaking Latino immigrants in London: A reflection on acculturation. In: *Traveling Cultures and Plants. The Ethnobiology and Ethnopharmacy of Human Migrations* (Eds. A. Pieroni and I. Vandebroek). Volume 7. Studies in Environmental Anthropology and Ethnobiology. New York: Berghahn Books, pp. 145-165.
9. **Vandebroek I**, Sanca S (2006) Food medicines in the Bolivian Andes (Apillapampa, Cochabamba Department). In: *Eating and Healing: Traditional food as medicine* (Eds. Pieroni, A., and Price, L.). Binghamton, New York: The Haworth Press, pp. 273-295.
10. **Vandebroek I** (2006) *Capsella bursa-pastoris* (L.) Medik. [Internet] Record from Protabase. Schmelzer, G.H. & Gurib-Fakim, A. (Editors). PROTA (Plant Resources of Tropical Africa / Ressources végétales de l'Afrique tropicale), Wageningen, Netherlands.
<http://database.prota.org/search.htm>

POLICY DOCUMENTS

1. A Global Program on Conservation of Useful Plants and Traditional Knowledge: A Call to Action (St. Louis, MO, 1-2 May 2013). Co-signed by 15 scientists from 10 different countries, see <http://www.plants2020.net/news/1037/> (also available in French and Spanish).

BLOGS

- 2020: Plant Talk, [NYBG's Scientific Research in Puerto Rico: More Than a Century of Fruitful Collaboration](#)
- 2020: The Hand Lens, [Traditional Medicine: *Momordica charantia*](#)
- 2020: The Hand Lens (with Liz Gjeli), [Exploring the conservation status of Jamaican root tonic plants](#)
- 2020: The Hand Lens (with Liz Gjeli), [Wild cinnamon](#)
- 2020: Plant Talk, [UnladyLike2020: Ynes Mexia](#)
- 2015: Science Talk, [Every Bush Has a Use, Every Bush Has a Meaning](#)
- 2014: Science Talk, [Dr. Ina Vandebroek talks about immigrants, medicinal plants, and health care](#)
- 2014: Science Talk, [Thinking outside the box about weeds, wildmeat, and more](#)
- 2014: [Plant Talk, A Dominican tea for cold winter evenings](#)
- 2013: Science Talk, [Callaloo: A nutritious weed](#)

NEW MEDIA

Ethnobotany and Conservation in the Dominican Republic (in Spanish, with English captions; published 12 February 2013): http://youtu.be/F3sC4F8F_II
Healthcare Workshops with Indigenous Communities in Bolivia (Part I; published 19 February 2013): <http://youtu.be/d1tr96vnPwo>
Healthcare Workshops with Indigenous Communities in Bolivia (Part II; published 19 February 2013): http://youtu.be/mbIacEL_OK4

TEACHING

2018-Pres: University of Gastronomic Sciences, Pollenzo, Italy. Master of Gastronomy: World Food Cultures and Mobility. Graduate course: *Traditional Knowledge and Agrobiodiversity in the Caribbean*.
2018: Columbia University, New York. Department of Ecology, Evolution and Environmental Biology (E3B). Graduate course G4086: *Ethnobotany, the study of people and plants*.
2016-2017: Organization for Tropical Studies (OTS), Costa Rica. Program in Tropical Diseases, Environmental Change and Human Health. Undergraduate course: *Ethnobiology*.
2014: Lehman College, City University of New York. Undergraduate course: *Ethnobotany*.
2013-Pres: Yale School of Forestry & Environmental Studies (FES), New Haven, CT. Biennial graduate course: *Ethnobotany*.
2012: University of Gastronomic Sciences, Pollenzo, Italy. Master of Food Culture and Communications: Human Ecology and Sustainability. Graduate course module: *Migrants' Diet and Health*.
2008-2009: Columbia University, New York. Center for Environmental Research and Education (CERC). Graduate course: *Ethnobotany*.
2008-Pres: Cultural Competence Training lectures at major medical institutions in New York City
2000-2003: Ghent University, Belgium. United Nations University *Biodiversity Training* Course. Guest Lecturer.
1999: Ghent University, Belgium. Faculty of Agriculture and Applied Biological Sciences. Guest Lecturer *Economic Botany and Systematics*.

FELLOWSHIPS, GRANTS & FUNDING

2018: PI, World of Difference grant from the Cigna Foundation (Fourth renewal): **Improving healthcare for New York's immigrant Caribbean and Latino communities** (USD 134,000)
2018: PI, Mohamed bin Zayed Species Conservation Fund: **Reassessing the conservation status of *Cinnamodendron corticosum* (Canellaceae): A wild and popularly used spice tree in Jamaica** (USD 11,000)
2018: PI, Committee for Research and Exploration grant, National Geographic Society: **Tracing the plant diversity and origins of Jamaican root tonics, a symbol of biocultural heritage** (US\$ 19,950)
2016: PI, World of Difference grant from the Cigna Foundation (Third renewal): **Improving healthcare for New York's immigrant Caribbean and Latino communities** (US\$ 107,586)

- 2015: PI, World of Difference grant from the Cigna Foundation (Second renewal): **Improving healthcare for New York's immigrant Latino and Caribbean communities** (US\$ 130,000)
- 2014: PI, World of Difference grant from the Cigna Foundation: **Improving healthcare for New York's immigrant Latino and Caribbean communities** (US\$ 140,000)
- 2014: PI, Committee for Research and Exploration grant, National Geographic Society: **Comparative Exploration of Plants and Local Knowledge in Portland Parish, Jamaica** (US\$ 16,000)
- 2012: CO-PI and Project Director, The Aetna Foundation grant, with Dr. Michael J. Balick (Co-PI): **Latino Ethnomedicine and Integrated Health Care** (US\$ 25,000)
- 2010: CO-PI and Project Director, The Aetna Foundation grant, with Dr. Michael J. Balick (Co-PI): **Improving Healthcare for Underserved Immigrant Latino Communities in New York City** (US\$ 25,000)
- 2009: Project Director, United Hospital Fund grant, with Michael J. Balick (PI): **Cultural Competency Training for Health Care Professionals in Latino Ethnomedicine Systems in New York City**
- 2008: Lead Researcher, South Initiatives grant, University Development Cooperation, Belgium, for extension activities in the Bolivian Amazon, with Prof. Dr. Patrick Van Damme (PI): **Improving Community Health Care through Strengthening Traditional Knowledge: A Collaboration between Traditional Healers and Biomedical Physicians in the Tropics of Cochabamba, Bolivia**
- 2007: Project Director, the Jacob and Valeria Langeloth Foundation grant, with Dr. Michael J. Balick (PI): **Dominican Ethnomedicine and Culturally Effective Health Care in New York City**
- 2005: Lead Researcher, South Initiatives grant, University Development Cooperation, Belgium, for extension activities in the Bolivian Amazon, with Prof. Dr. Patrick Van Damme (PI): **Popularizing Traditional Knowledge about medicinal plants used for healthcare in Yuracaré-Trinitario communities in the Bolivian Amazon**
- 2003: Lead Researcher, South Initiatives grant, University Development Cooperation, Belgium for extension activities in the Bolivian Andes, with Prof. Dr. Patrick Van Damme (PI): **Popularizing Traditional Knowledge about medicinal plants used for healthcare in a Quechua community in the Bolivian Andes**
- 2000: Visiting Expert, University Development Cooperation grant, Belgium, for capacity-building at the Universidad Central de las Villas, Santa Clara, Cuba, with Prof. Dr. Patrick Van Damme (PI): **Towards a sustainable Cuban agriculture: Ethnobotany research as a basis to develop biological herbicides and pesticides**
- 2000: Post-doctoral Research Fellowship from the Institute for the Promotion of Innovation through Science and Technology, Belgian Government (until 2002)
- 1991: Doctoral Research Fellowship from the Institute for the Promotion of Innovation through Science and Technology, Belgian government (until 1995)

FIELD EXPERIENCE

- 2020: Jamaica: 2 weeks
 2019: Jamaica: 14 weeks

2018: Jamaica: 17 weeks
 2017: Jamaica: 5 weeks
 2016: Jamaica: 8 weeks; Costa Rica: 5 weeks
 2015: Jamaica: 14 weeks
 2014: Haiti: 1 week; Jamaica 18 weeks
 2013: Colombia: 3 weeks
 2012: Jamaica: 2 weeks
 2010: Bolivia: 2½ weeks; Dominican Republic: 3½ weeks; Jamaica: 1 week
 2009: Bolivia: 7 weeks
 2008: Peru and Bolivia: 2 weeks; Dominican Republic: 2 weeks
 2006: Bolivia: 4 weeks; Dominican Republic: 16 weeks
 2005: Bolivia: 3 weeks; Dominican Republic: 1 week
 2004: Bolivia: 24 weeks
 2003: Bolivia: 8 weeks
 2002: Bolivia: 20 weeks
 2001: Bolivia: 36 weeks
 2000: Bolivia: 16 weeks
 1999: Bolivia: 4 weeks; Cuba: 4 weeks

LANGUAGE SKILLS

Dutch Mother Tongue
 English Fluent in speaking, reading and writing
 Spanish Fluent in speaking, reading and writing
Certificates: Spanish level 1-4, Ghent University, Belgium (1996-1999)
 French Satisfactory speaking, reading and writing
1997 – 1998: worked for one year in the French-speaking part of Belgium
 Patois Satisfactory speaking and reading of Jamaican Patois
 German Satisfactory speaking and reading

MEDIA COVERAGE

2021: ScienceLine podcast: “[The evolution of ethnobotany. To save the plants, one scientific field highlights the importance of protecting Indigenous knowledge](#)”
 2020: Featured ethnobotanist in UnladyLike202: “[Ynés Mexía. Accomplished Latina Botanist 1870-1938](#)”
 2020: Botany One: “[Ethnobiologists consider their impact during and after the COVID-19 pandemic](#)”
 2020: The Guardian: “[Unproven remedies proliferate in my community, even in the face of a deadly virus](#)” (26 May 2020)
 2020: Foodie Pharmacology Podcast with Dr. Cassandra Quave: “[Jamaican root tonics with Ina Vandebroek](#)”
 2019: Time magazine: “[Why Modern-Day Foragers Want You to Eat Weeds for Dinner](#)”
 2017: [Bridging the gap](#), a video from Kecia Romiel of the Ghetto Film School about the goals of the Caribbean ethnobotany research program of Ina Vandebroek at NYBG
 2017: National Geographic Food magazine (launch issue): “On Tiny Island Farms, Biodiversity Is a Way of Life.” Natgeofood.co.uk (pages 48-50)
 2016: The Plate (National Geographic): “[On Tiny Island Farms, Biodiversity Is a Way of Life](#)”
 Jamaicans.com: “[National Geographic Society Study Finds Small Farms in Jamaica Promote Biodiversity](#)”
 2016: Smithsonian Magazine: “[Will Medicine Survive the Anthropocene?](#)”

- 2015: New York Times: "[Wary of Mainstream Medicine, Immigrants Seek Remedies From Home](#)" (13 November, 2015)
TV interview with News 12 Bronx: "[Botanicas give residents natural path to healing](#)"
- 2014: Interview with Feet in 2 Worlds: "[Brokenhearted? Have a Heart Condition? A Botanica May Offer a Cure](#)"
NPR's Latino USA: "[Plant-based remedies, an invisible healthcare system](#)"
The Bronx Journal: "[Urban Healing: Ethnobotany in the Bronx](#)"
WFUV News: "[Research on non-traditional medicine gets new funding](#)"
Wall Street Journal: "[Rooting for Health \(and Luck!\). An Ethnobotanist Helps Ralph Gardner Jr. Get to the Root of Things](#)"
NBC New York (4 New York) with Pei-Sze Cheng: [NY Botanical Garden's Ethno-Botany Project](#)
Medical Daily: "[Urban ethnobotany research earns Cigna grant, in efforts to treat diabetes, infertility and asthma](#)"
Medpage Today: "[Insulin and insulina: Bridging the gap](#)"
[TV interview with Enrique Teuteló](#), host of the show "*En Tu Comunidad*", a news program from the Spanish language television network Univision that serves the New York City metropolitan area (in Spanish)
WFUV: "[Use of Herbal Remedies in NYC Immigrant Communities Sparks Interest in Medical Research](#)"
- 2013: Quoted in the Nature news story "[Amazon plant discovery could yield green cash crop](#)"
Quoted in The Science and Development article "[Call to mainstream ethnobotany into development](#)"
- 2011: Radio broadcast on the show "[We Dig Plants: Ethnobotany](#)" (Heritage Radio Network)
Featured scientist in V-Me Noticias, a 24-hour digital broadcast service that is available in over 75% of all U.S. Latino homes. Video title "Plantas para fines medicos" (broadcasted on July 27, 2011).
Featured scientist in video: "[In The Caribbean Garden with Ethnobotanist Ina Vandebroek](#)" shot at the Enid A. Haupt Conservatory at The New York Botanical Garden
- 2009: Featured scientist in "[The Secret Life of Scientists](#)", a new Nova ScienceNow web-only series for PBS (6 November 2009)
Blog in Plant Talk: "[Garden Scientist Leads Healthcare Workshops in Bolivia \(Promotes Dialogue between Traditional and Western Medicine Practitioners\)](#)" (6 August 2009)
Blog in Plant Talk: "[The Art in Ethnobotany \(Garden Scientist Participates in Venice Art Biennale\)](#)" (23 June 2009)
- 2005: "With no insurance and cultural mistrust, Latinos seek healthcare in botánicas". Press in: Voices That Must Be Heard (Edition 196, 24 November 2005)
- 2003: "Documentemos el conocimiento de las etnias antes de que se pierda..." Interview in El Deber, Santa Cruz de la Sierra, Bolivia (Extra Sunday Edition, 14 December 2003)

SCIENTIFIC PRESENTATIONS AND CONFERENCES

- Panelist SEB student discussion of paper Reshaping the future of ethnobiology research after the COVID-19 pandemic. 15 October 2020. Online event.
- Invited keynote speaker at the *II Jornadas Argentinas de Etnobiología y Sociedad* (II JAES), Cordoba, Argentina, "Ethnobotany, the science of resilience," 21-23 November 2019.
- Invited speaker at the conference "Food Mobilities: Making the World Cuisines," Pollenzo, Italy, 5-9 June 2019.
- Invited keynote speaker at the 58th Society for Economic Botany Annual Meeting and the Segundo Encuentro Hispano Portugués de Etnobiología: "Ethnobiology in an increasingly multicultural world," Bragança, Portugal, 4-9 June 2017.

- Invited panelist and workshop speaker at the 43rd Annual Northeast Regional Conference of the Latino Medical Student Association, *Fortaleciendo raíces: Uniting efforts in the changing face of healthcare*, Dartmouth-Hitchcock Medical Center, New Hampshire, 20 February 2016.
- Invited participant in the “World of Difference” Forum *Spreading the Health: Sharing unique experiences; finding shared solutions*. Organized by the Cigna Foundation, Chicago, 15-16 July 2015.
- Oral presentation at the 2015 joint meeting of the Society for Economic Botany and the Indigenous Plant Use Forum: “Comparative Caribbean ethnobotany of medicinal plants shared between the Dominican Republic and Jamaica”, Clanwilliam, South Africa, 28 June – 2 July 2015.
- Symposium organizer and opening presentation “Urban Ethnobotany” at the 6th International Congress of Ethnobotany, Córdoba, Spain, 17 – 21 November 2014.
- Invited lecture at The University of the West Indies, Mona Campus, Faculty of Science and Technology: “Medical Ethnobotany in the Americas and the Caribbean”, Kingston, Jamaica, 13 August 2014.
- Invited speaker at the symposium *Advanced Topics in Ethnobiology*, Universidade Federal Rural of Pernambuco, Recife, Brazil, 3 – 5 December 2013.
- Invited short course at the IX Brazilian Symposium of Ethnobiology and Ethnoecology on “Urban Ethnobotany”, Florianopolis, Santa Catarina, Brazil, 26 – 29 November 2012.
- Invited lecture at the IX Brazilian Symposium of Ethnobiology and Ethnoecology on “Ethnobotany and Migrations”, Florianopolis, Santa Catarina, Brazil, 26 – 29 November 2012.
- Invited keynote lecture at the 13th International Congress of the Society for Ethnopharmacology, *Intercultural Studies*, Graz, Austria, 2 – 6 September 2012.
- Invited workshop organizer at the 18th Annual Conference of the International Society of Tropical Foresters – Yale Chapter, *Strategies for Landscape-scale Restoration in the Tropics*. Workshop on “Ethnobotanical Field Methods for Community-Based Research”, New Haven, CT, 26 – 28 January 2012.
- Invited participant in the Open Science Network in Ethnobiology meetings to develop opportunities for curriculum development, enhancement, and assessment in the area of Ethnobiology, the Johns Hopkins Mt. Washington Conference Center, Baltimore, MD, 18 – 20 November 2011.
- Oral presentation at the 52st Annual Meeting of the Society for Economic Botany, *Healing the planet. Medicinal plants and the legacy of Richard E. Schultes*, Saint Louis, MO, 10 – 13 July 2011.
- Invited speaker at the SciCafe of the American Museum of Natural History, NYC: “Know your roots. The cultural origins of medicinal plants”, 4 March 2011.
- Invited speaker at the Conferencia Regional sobre Pueblos Originarios, Cultura, Medio Ambiente y Salud, *Prevención de enfermedades, reducción de inequidades y desarrollo de competencia cultural*, San Salvador de Jujuy, Argentina, 20 – 22 October 2010.
- Invited workshop organizer at the 11th Congress of the International Society for Ethnopharmacology (ISE 2010). Workshop on “Use of Ethnobotanical Results in Outreach and Education: From Community Workshops to Curriculum Development and Cultural Sensitivity Training”, Albacete, Spain, 20 – 25 September 2010.
- Invited speaker for the dinner lecture for the Economic Botany Section of the Botanical Society of America Botany 2010 Congress, Providence, Rhode Island, 31 July – 4 August 2010.
- Oral presentation at the 51st Annual Meeting of the Society for Economic Botany, Xalapa, Mexico: “Agrobiodiversity in an urban environment: The importance of foods as medicines”, 6 – 10 June 2010.
- Session chair and presenter at the 12th International Society of Ethnobiology Congress, Tofino Botanical Gardens, Tofino, Canada, 9 – 14 May 2010.
- Invited plenary speaker and Pre-congress Workshop Organizer at the I Congreso Boliviano de Botánica, Universidad Mayor de San Simón, Cochabamba, Bolivia 29 – 30 October 2009.
- Panel chair and presenter at the 5th International Congress on Ethnobotany (ICEB)- Session Cognitive Ethnobotany, San Carlos de Bariloche, Argentina, 21 – 24 September 2009.

- Session leader, Immigrants and Plants, Ethnobotany Networks in Europe, Ghent, 14 – 15 March 2009.
- Invited speaker at the XX Symposium of Brazilian Medicinal Plants and X International Congress of Ethnopharmacology, Sao Paulo, Brazil: “Going urban: studying the dynamics of medicinal plant knowledge and use by immigrants from the Dominican Republic in New York City”, 16 – 19 September 2008.
- Oral presentation at the Faculty of Medicine, Universidad Mayor de San Simón: “El uso cultural de plantas medicinales por las comunidades indígenas en Bolivia. Hacia la integración de la medicina tradicional con la biomedicine para la atención primaria de la salud”, 4 July 2008.
- Oral presentation at the Society for Economic Botany 48th Annual Meeting: “A transnational comparison of medicinal plant knowledge of Dominicans living in New York City and the Dominican Republic”, Chicago, IL, 3 – 9 June 2007.
- Invited speaker at the Fourth Region II Healthy People 2010 Summit on *Experiences, Accomplishments, and Understanding the Role of Culture in Eliminating Health Disparities*, “Dominican Ethnomedicine in New York City”, NJ, 6 December 2006.
- Invited speaker at the Immigration and Alternative Healing Systems Symposium: “Knowledge and use of medicinal plants by Dominicans in New York City”, City University of New York Graduate Center, NY, 3 November 2005.
- Invited speaker at the BWTS-workshop (Bilateral Scientific and Technological Cooperation between Ghent University, Belgium, and South Africa): “Ethnobotany research and its potential for drug development: a case study from Bolivia”, Ghent University, Belgium, 22 October 2004.
- Oral presentation at the 9th International Congress of the International Society of Ethnobiology, the Society for Economic Botany and the International Society of Ethnopharmacology: “Comparison of ailments treated by a primary health care service and traditional healers in the Bolivian Andes”, University of Kent, Canterbury, UK, 13 – 17 June 2004.
- Invited speaker at the Symposium Plants in Health and Culture: “Historical Perspectives on the Medicinal Plants in the Bolivian Andes and Amazon”, Leiden University, The Netherlands, 16 – 17 February 2004.
- Oral presentation at the 3rd International Congress of Ethnobotany: “The European Ethnobotany Research Network (EERN): objectives, activities and themes of debate”, Naples, Italy, 22 – 30 September 2001.
- Oral presentation at the 3rd International Congress of Ethnobotany: “Qualitative and quantitative aspects of medicinal plant use: the example of Quechua healers in the Bolivian Andes (Apillapampa, Department of Cochabamba)”, Naples, Italy, 22 – 30 September 2001.
- Oral presentation at the Building Bridges with Traditional Knowledge II Conference: “Qualitative and quantitative analysis of traditional medicinal plant use by Quechua healers in the Bolivian Andes (Apillapampa, Department of Cochabamba)”, Hawaii, 28 May – 2 June 2001.
- Poster presentation at the Symposium on Biodiversity: “Medical ethnobotany of Quechua-farmers in the Bolivian Andes: diversity, (ethno)classification and use of medicinal plants”, Louvain-la-Neuve, Belgium, 13 – 14 December 2000.
- Oral presentation at the Seminars on Ethnobotany of UKC: “EERN, the European Ethnobotany Research Network”, Kent University, Canterbury, UK, 13 - 15 December 1999.

SUPERVISION OF JUNIOR RESEARCHERS

- Ella Vardeman: “Differences in chemotaxonomy of plants used by Haitian immigrants in New York City for women’s health,” Biology PhD Program at The City University of New York (CUNY) (together with Dr. Edward Kennelly from CUNY, Lehman College), 2024.
- Makalé Cullen: “Jamaican root tonics in NYC,” Junior Mellon Fellow, The New York Botanical Garden, 2021.

- Jessica De Roux Tretina: “Renewing Interest in Jamaican Cuisine to Promote National Brand, Local Agriculture and Biodiversity, and Food Sovereignty,” Master of Gastronomy, World Food Cultures and Mobility, University of Gastronomic Sciences, Pollenzo, Italy, 2021.
- Elizabeth Gjieli: “Reassessing the conservation status of *Cinnamodendron corticosum* (Canellaceae): A wild and popularly used spice tree in Jamaica”, Geoinformatics Internship for MS GeoInformatics degree, Hunter College – CUNY, Department of Geography, 2020.
- Jennifer Khattar: “Nature Speaks in Mysterious Ways: An interdisciplinary approach to what traditional knowledge in the tropics can tell us about plant intelligence”, Tropimundo, Erasmus Mundus Masters Course in Tropical Biodiversity and Ecosystems, European Union, 2019.
- Keren Alfred: “The historical origins of Jamaican root tonics”, Junior Mellon Fellow, Humanities Institute, The New York Botanical Garden, 2018.
- Kelsey Porter: “The use of home remedies to treat Leishmaniasis in El Tigre, Sarapiquí, Costa Rica”, Organization for Tropical Studies, Costa Rica, Tropical Diseases, Environmental Change and Human Health Semester Program, 2017.
- Bailey D’Antonio: “Medicinal plants and other home remedies as alternatives to biomedicine for treating Leishmaniasis in a rural community in Costa Rica”, Organization for Tropical Studies, Costa Rica, Tropical Diseases, Environmental Change and Human Health Semester Program, 2017.
- Destiny Ho: “Identifying and assessing home remedies used to treat Leishmaniasis in a rural community in Costa Rica”, Organization for Tropical Studies, Costa Rica, Tropical Diseases, Environmental Change and Human Health Semester Program, 2017.
- Samuel Cothran: “Identifying and evaluating home remedies used to treat Leishmaniasis in the rural community of El Tigre, Costa Rica”, Organization for Tropical Studies, Costa Rica, Tropical Diseases, Environmental Change and Human Health Semester Program, 2017.
- Michael Rosamilia: “Knowledge and perception of a rural Costa Rican community three neglected tropical diseases”, Organization for Tropical Studies, Costa Rica, Tropical Diseases, Environmental Change and Human Health Semester Program, 2016.
- Sonali Biswas: “Community knowledge and perception about three neglected tropical diseases in rural Caribbean Costa Rica”, Organization for Tropical Studies, Costa Rica, Tropical Diseases, Environmental Change and Human Health Semester Program, 2016.
- Alexander Bonano: “Assessing the knowledge and perception of three neglected tropical diseases in a rural community of Horquetas, Sarapiquí, Heredia, Costa Rica”, Organization for Tropical Studies, Costa Rica, Tropical Diseases, Environmental Change and Human Health Semester Program, 2016.
- Logan Sander: “Jamaican agrobiodiversity”, Yale School of Forestry & Environmental Studies MSc Program, 2015.
- Marie Zahn: “The dynamics of Jamaican medicinal plant knowledge following migration to New York City”, Columbia University, Environmental Biology Major, 2014.
- Fernanda Savicki de Almeida: “Study of human management systems of medicinal herbs, especially *Mikania* spp. by peasants affected by the agrarian reform in the State of Santa Catarina, Brazil”, Universidade Federal de Santa Catarina, Florianópolis, Brazil, PhD in Agronomy, 2014.
- Carolina Kffuri: “Ethnobotany of antimalarial plants used by indigenous communities in the Brazilian Amazon”, Universidade Estadual Paulista, Brazil, PhD in Horticulture, 2014.
- Jeanette Rodriguez: “Latino Ethnomedicine in New York City and the role of the botánica”, Columbia University, New York City, BSc in Biology, 2013.
- Evert Thomas: “Applied ethnobotanical research into the sustainable use of non-timber forest products (NTFPs) by indigenous communities in Bolivia, Cochabamba department” (in English), Ghent University (Belgium), PhD in Applied Biological Sciences, 2008.

- Liseth Muriel Russo: “Ethnomedicine of high altitude communities in the department of La Paz” (in Spanish), Universidad Mayor de San Simón (Bolivia), MSc Environmental Sciences, 2003.
- Kris Duchateau: “Traditional knowledge and intellectual property rights” (in Dutch), Ghent University (Belgium), Graduate in the Complementary Studies in Development Cooperation, 2002.
- Verbanck Elias: “The concept of ‘nature’ in the Trinitario culture” (in Dutch), Wageningen University for Life Sciences (The Netherlands), Engineer in Agricultural Sciences, 2002.
- Rebecca Balsacq: “Medical ethnobotany study in the Bolivian Amazon” (in French), University of Gembloux (Belgium), Engineer in Agricultural Sciences, 2002.
- Stijn De Jonckheere: “Medicinal plant knowledge and use in the Bolivian Amazon” (in Dutch), Ghent University (Belgium), Bio-engineer in Environmental Technology, 2002.
- Isabel De Buysscher: “Medicinal plant species of the Yuracaré-Trinitario from the Bolivian Amazon” (in Dutch), Ghent University (Belgium), Bio-engineer in Environmental Technology, 2002.
- Bart De Ridder: “Project formulation for domestication of medicinal plants in an Andean community in Bolivia” (in Dutch), Ghent University (Belgium), Graduate in the Complementary Studies in Development Cooperation, 2001.
- Pieter Logghe: “Medicinal plant preparations in an Andean community, Bolivia” (in Dutch), Ghent University (Belgium), Graduate in the Complementary Studies in Development Cooperation, 2001.
- Heidi Mussche: “Intellectual property rights in ethnobotany research” (in Dutch), Ghent University (Belgium), Graduate in the Complementary Studies in Development Cooperation, 2001.
- Jan-Bart Calewaert: “Medicinal plant knowledge and use in a community in the Bolivian Andes” (in Dutch), Ghent University (Belgium), Bio-engineer in Environmental Technology, 2001.
- Evert Thomas: “Medicinal plant knowledge of traditional healers in the Bolivian Andes” (in Dutch), Ghent University (Belgium), Bio-engineer in Environmental Technology, 2001.
- Carola Ureña: “Diversity, classification and use of medicinal plants in an Andean community” (in Spanish), Universidad Mayor de San Simón (Bolivia), MSc Environmental Sciences, 2000.

SOFTWARE PROFICIENCY

MS Office (Word, Excel, Powerpoint, Access)

Collections management software: KE Emu

Data visualization software: Tableau

Statistical software: Sigmasat (Jandel Scientific), SPSS, NTSysPc (cluster analysis), Atlas.ti,

REVIEWER FOR SCIENTIFIC JOURNALS

Anthropology Today; Boletim Do Museu Paraense Emílio Goeldi; Bulletin of the World Health Organization; Current Anthropology; Economic Botany; Environment, Development and Sustainability; Ethnicity and health; Evidence-Based Complementary and Alternative Medicine; Frontiers in Forests and Global Change; Geographical Review; Human Organization; Journal of Ethnobiology; Journal of Ethnobiology and Ethnomedicine; Journal of Ecological Anthropology; Journal of Ethnopharmacology; Nature Plants; PLOS ONE; Trees, Forests & People.

MEMBERSHIP IN PROFESSIONAL SOCIETIES: Society for Economic Botany (SEB)

EXTRACURRICULAR ACTIVITIES

I enjoy writing poetry, art-science collaborations, and photography. My [poems](#) have been published by Keymouse Editions in collaboration with contemporary European artist [Jef Geys](#) who designed the cover. I also collaborated with Jef Geys for the 53rd Venice Art Biennale in 2009

([Quadra Medicinale](#), Belgian pavilion) and for the exhibition [Woodward Avenue](#) at the Museum of Contemporary Art Detroit (MOCAD) in 2010.

My photos have appeared in [The Plate](#), National Geographic Food (December 2017 inaugural issue), [Atlas Obscura](#), and in books, including:

Voeks RW (2018) *The Ethnobotany of Eden: Rethinking the Jungle Medicine Narrative*. University of Chicago Press (photo of nutmeg, castor bean seeds)

Nelson LS, Balick MJ (2020) *Handbook of Poisonous and Injurious Plants*. 3rd ed. Springer and The New York Botanical Garden (front cover photo of ackee)

Balick MJ, Cox PA (2020) *Plants, People, and Culture. The Science of Ethnobotany*. Second Edition. CRC Press (photo of ackee)