

FABIAN ARMANDO MICHELANGELI

Institute of Systematic Botany
The New York Botanical Garden
2900 Southern Blvd.
Bronx, NY 10458-5126
(updated January 2025)

e-mail: fabian@nybg.org

Phone: (718) 817-8199

Webpage: <https://www.nybg.org/person/fabian-michelangeli/>

OrcidID: <https://orcid.org/0000-0001-7348-143X>

EDUCATION

Ph. D. L. H. Bailey Hortorium. Cornell University. January 2000. Dissertation Title: Evolution, Ecology and Systematics of the myrmecophytic genus *Tococa* Aublet (Melastomataceae). Advisor: Eloy Rodriguez. Co-Advisor: Melissa Luckow.

Licenciado en Biología, *Magna cum laude*, Mención Ecología (Bachelor in Biology, *Magna cum laude*, Minor: Ecology). Universidad Central de Venezuela, December 1993. Thesis: Algunos Aspectos Ecológicos de un Litobioma del Roraima Tepuy (Some Ecological Aspects of the lithobiomes of the Roraima Tepuy). Advisor: Luís Bulla.

WORK AND RESEARCH EXPERIENCE

April 2024-present. Director, Center for Biodiversity & Evolution, The New York Botanical Garden.

April 2024-present. Abess Senior Curator of Tropical Botany. Center for Biodiversity & Evolution, The New York Botanical Garden.

February 2023-March 2024. Director, Institute of Systematic Botany, The New York Botanical Garden.

November 2019- March 2024. Abess Curator of Tropical Botany. Institute of Systematic Botany, The New York Botanical Garden.

April 2017-October 2019. Curator. Institute of Systematic Botany, The New York Botanical Garden.

October 2010-March 2017. Associate Curator. Institute of Systematic Botany, The New York Botanical Garden.

June 2004-October 2010. Assistant Curator. Institute of Systematic Botany, The New York Botanical Garden.

September 2002 to June 2004. Research Associate, Cullman Program for Molecular Systematic Studies, The New York Botanical Garden.

August 2000 to August 2002. Cullman Postdoctoral Fellow, Department of Ornithology, American Museum of Natural History.

February 2000-July 2000. Postdoctoral Associate, L.H. Bailey Hortorium, Department of Plant Biology, Cornell University.

January 1996-August 1997. Research Assistant. Laboratory of Phytochemistry and Plant-Animal Interactions, L.H. Bailey Hortorium. Cornell University. Instructor for the MIRT-NIH program.

September 1994–December 1994. Research Assistant. Laboratory of Phytochemistry and Plant-Animal Interactions (Dr. Eloy Rodriguez), L.H. Bailey Hortorium. Cornell University.
February 1994–July 1994. High School Teacher (senior Biology). Colegio Emil Friedman, Caracas, Venezuela.
March 1993–October 1993. Researcher, Spectacled Bear Project. Provita, Caracas, Venezuela.
October 1992–July 1993. Proposal for a Tourist Trail in the summit of Roraima Tepuy, Canaima National Park, Venezuela. Work sponsored by the Terramar Foundation, for INPARQUES (Venezuelan National Institute of Parks). Co-authored with Francisco F. Herrera.
August 1991–September 1991. Laboratory Internship in the Toxicology and Phytochemistry Laboratory, University of California Irvine.

ADJUNT POSITIONS AND OTHER APPOINTMENTS

City University of New York, Graduate Center. Doctoral Faculty, Biology Program, Plant Sciences sub-program. 2005–Present
City University of New York, Graduate Center. Doctoral Faculty, Biology Program, Ecology and Evolutionary Biology sub-program. 2019–Present
Yale University, School of the Environment (former School of Forestry and Environmental Studies), Adjunct Professor. 2020–present.
Visiting Professor, Universidade Federal do Parana, Curitiba, Brazil, Programa CAPES-PRINT. September 2024.
Visiting Professor, Universidade Federal do Parana, Curitiba, Brazil, Programa CAPES-PRINT. October 2019.
Yale University, School of Forestry and Environmental Studies. Adjunct Assistant Professor. 2006–2020.

OTHER ACTIVITIES

Botanical Review, Associate Editor, August 2022–present.
Brittonia, Associate Editor. November 2015–2024, October 2004–December 2012.
Molecular Systematics and Evolution. Guest Associate Editor, Special Issue on the Atlantic Forest. 2019–2020.

GRANTS, FELLOWSHIPS, AND AWARDS

National Science Foundation (DEB-2054684). EAGER: Artificial Intelligence (AI) to accelerate plant species discovery. Damon P. Little, Fabián A. Michelangeli, Barbara Ambrose, Kim Watson. May 15th 2021–April 30th 2023.
National Science Foundation (DEB-2001357). Collaborative Research: Resolving the relationships of Melastomataceae, one of the world's most diverse flowering plant radiations. Collaborative proposal with Lucas C. Majure, Nico Cellinese and Walter S. Judd (University of Florida). August 1st 2020–July 31st 2024.
National Science Foundation (DBI-1828479). MRI Acquisition–Advancing plant and fungal research at NYBG with a modern Scanning Electron Microscope. Barbara Ambrose, Damon Little & Fabian A. Michelangeli. October 1st 2018–September 30th 2021.
Richard Lounsbery Foundation. A new era: Cuban/U.S. collaboration in biodiversity science. July 2016–June 2020.
National Science Foundation (IAA-1444192). CNIC–Evolution of Functional Traits in the Melastomataceae. Collaborative proposal with Ned Fetcher (Wilkes University), Frank

- Almeda (California Academy of Sciences) and Nathan Kraft (University of Maryland). January 2015–May 2016.
- Conselho Nacional de Desenvolvimento Científico e Tecnológico (CNPq: Brazil) (MCTI/CNPQ/Universal 457510/2014-5). Estudos micro e macroevolutivos em Melastomataceae do Brasil. Collaborative proposal with Renato Goldenberg as PI (Universidade Federal do Parana). January 2015–December 2016.
- National Science Foundation (DEB-1343612) Dimensions US-BIOTA-Sao Paulo: A multidisciplinary framework for biodiversity prediction in the Brazilian Atlantic forest hotspot. Collaborative proposal with Ana. C. Carnaval (City College of New York) as lead PI and Michael. J. Hickerson (City College of New York), Kyle McDonald (City College of New York) and W. Wayt Thomas (NYBG) as Co-PIs. September 2013–August 2019.
- National Science Foundation (DEB-1146409), Assessing phylogeny and biogeography in a megadiverse tropical plant family (Melastomataceae)”. Collaborative proposal with Darin S. Penneys (California Academy of Sciences) as PI, Frank Almeda and Peter Fritsch as co-PIs. June 2012– May 2015.
- National Science Foundation (DEB-0818399), PBI: A complete web-based monograph of the tribe Miconieae (Melastomataceae). Collaborative proposal with Frank Almeda (California Academy of Sciences), Walter Judd (University of Florida), Renato Goldenberg (Universidade Federal de Paraná), and Melissa Tulig (NYBG) as co-PIs. April 2009– March 2018 [no-cost extension].
- ECAT-GBIF, MelList, a complete taxonomy of Melastomataceae sensu lato (Myrtales, eurosids, flowering plants) for the Electronic Catalogue of Names of Known Organisms. Collaborative proposal with S. S. Renner (Munich Botanical Garden), F. Almeda (California Academy of Sciences), C. Ulloa (Missouri Botanical Garden), R. Goldenberg (Universidade Federal de Parana, Brazil) & H. Mendoza-Cifuentes (Instituto Humboldt, Colombia). March 2006–March 2007.
- National Science Foundation (DEB-0515665), A phylogenetic analysis of Miconieae (Melastomataceae) based on molecular and morphological characters. Collaborative proposal with Walter Judd (University of Florida) and Renato Goldenberg (Universidade Federal de Parana) as co-PIs. August 2005–July 2009.
- Cullman Postdoctoral Fellowship for Animal-Plant interaction Studies. August 2000–August 2002.
- Lewis B. and Dorothy Cullman Program for Molecular Systematic Studies, AMNH-NYBG Cornell University Graduate School Travel Grant. August, 1999.
- American Society for Plant Taxonomists Graduate Research Award. May, 1998
- Agricultural Experiment Station. College of Agriculture and Life Sciences. Cornell University. May, 1998. A.W. Mellon Student Research Grant.
- L. H. Bailey Hortorium Moore/Mellon Foundation travel grant for field research in Venezuela. Summer 1997, winter 1997, summer 1996
- Graduate Teaching Assistant award. College of Agriculture and Life Sciences. Cornell University. May 1996
- Terramar Foundation Fellowship for undergraduate research. Oct 1992–July 1993

PEER REVIEWED PUBLICATIONS (journals)

- Michelangeli, F. A.**, D. S. Penneys & A. F. Fuentes. 2025. A new species of *Chalybea* (Melastomataceae: Pyxidanthaeae) for Bolivia and comments on the occurrence of

- Meriania franciscana* (Melastomataceae: Merianieae). Brittonia.
<https://doi.org/10.1007/s12228-024-09818-7>
- Silva, D. N., J. S. Murillo-Serna, S. Hoyos-Gómez, R. Bernal, **F. A. Michelangeli**, J. M. A. Braga & P. J. F. Guimaraes. 2024. Taxonomic and nomenclatural novelties in Marcetieae (Melastomataceae) from Colombia: A new species of *Ernestia* and the identity of *Acisanthera goudotii*. Phytotaxa 677: 109-124.
<https://doi.org/10.11646/phytotaxa.677.2.1>
- Samra, K., E. Lucas & **F. A. Michelangeli**. 2024. Synoptic checklist of Trioleneae (Melastomataceae), including 15 new lectotypes and an expert-validated occurrence dataset. Brittonia. <https://doi.org/10.1007/s12228-024-09808-9>
- Samra, K., **F. A. Michelangeli** & E. Lucas. 2024. *Triolena anisophylla* (Melastomataceae), a new and threatened species endemic to Panama. Kew Bulletin 79: 889-896.
<https://doi.org/10.1007/s12225-024-10194-4>
- Nery, E. K., M. K. Caddah, M. **F. A. Michelangeli** & A. Nogueira. 2024. An evolutionary disruption of the buzz pollination syndrome in neotropical montane plants. American Journal of Botany: e16637. <https://doi.org/10.1002/ajb2.16367>
- Colli-Silva, M., J. E. Richardson, **F. A. Michelangeli** & J. R. Pirani. 2024. Expanding the cacao group: three new species of *Theobroma* sect. *Herrania* (Malvaceae: Byttnerioideae) from the Western Amazon Basin. Kew Bulletin: e10171. <https://doi.org/10.1007/s12225-024-10171-x>
- Park, J., R. de Lutio, B. Rappazzo, B. Ambrose, **F. Michelangeli**, K. Watson, S. Belongie & D. Little. 2024. NAFlora-1M: Continental-Scale High-Resolution Fine-Grained Plant Classification Dataset. Journal of Data-centric Machine Learning Research 1: 9.
<https://openreview.net/forum?id=UIOM1SSJd0>
- Vasconcellos, M. M., S. Varela, M. Reginato, M. Gehara, A. C. Carnaval & **F. A. Michelangeli**. 2024. Evaluating the impact of historical climate and early human groups in the Araucaria Forest of Eastern South America. Ecography: e06756. <https://doi.org/10.1111/ecog.06756>
- Zuntini, A. R., T. Carruthers, O. Maurin, ... **F. A. Michelangeli**, ... W. J. Baker. 2024. Phylogenomics and the rise of the angiosperms. Nature 629: 843-850.
<https://doi.org/10.1038/s41586-024-07324-0>
- Dellinger, A., L. P. Lagomarsino, **F. A. Michelangeli**, S. Dullinger & S. Smith. 2024. The sequential direct and indirect effects of mountain uplift, climatic niche and floral trait evolution on diversification dynamics in an Andean plant clade. Systematic Biology: 73: 596-612. <https://doi.org/10.1093/sysbio/syae011>
- Fernandez-Hilario, R., L. Pillaca-Huacre, R. Villanueva-Espinosa, S. Riva-Regalado, R. P. Rojas-Gonzalez, R. Goldenberg & **F. A. Michelangeli**. 2024. Taxonomic and chorological novelties in *Blakea* (Melastomataceae: Pyxidanthae) from Peru with a list of species for the country. Phytotaxa 635: 1-42.
<https://doi.org/10.11646/phytotaxa.635.1.1>
- Dagallier, L. M. J. & **F. A. Michelangeli**. 2024. An updated and extended version of the Melastomataceae sequences set for target capture. Applications in Plant Sciences: e11564.
<https://doi.org/10.1002/aps3.11564>
- Angulo, J., J. M. Burke & **F. A. Michelangeli**. 2023. Characterizing the frequency, distribution, and morphological gradient of dioecy in *Miconia*. International Journal of Plant Sciences 185:238-248. <https://doi.org/10.1086/729063>

- Lujan, M., R. Medina Lemos, E. Lucas, **F. A. Michelangeli**, G. Prance, T. Pennington, J. Rzedowski, D. Santamaría Aguilar, E. Serpell, C. Sothers, A. Zuntini. 2024. Trials and tribulations of Neotropical plant taxonomy: pace of tree species description. *Plants People Planet* 6: 515-527. <https://doi.org/10.1002/ppp3.10469>
- Bécquer, E. R., **F. A. Michelangeli** & W. Carmenate. 2023. *Miconia rosalinae*, una nueva especie de Melastomataceae (Miconieae), y el clado “*Miconia decorticans*” en Cuba. *Revista del Jardín Botánico Nacional* 44: 181-194. <https://revistas.uh.cu/rjbn/article/view/8322>
- Majure, L. C., L. F. Bacci, E. R. Bécquer, W. S. Judd, T. Clase, J. D. Skee, Jr., & **F. A. Michelangeli**. 2023. Biogeography and diversification of the Caribbean Clade of *Miconia* (Melastomataceae): a Cuban origin underlies one of the largest Antillean radiations. *Biological Journal of the Linnean Society* 140: 376-396. <https://doi.org/10.1093/biolinnean/blad048>
- Goldenberg, R., **F. A. Michelangeli**, J. K. Ziemmer & A. M. Amorim. 2023. *Miconia diana* (Melastomataceae), a new species from Bahia (Brazil) with notes on leaf and hypanthium surfaces. *Brazilian Journal of Botany* 46: 913-923. <https://doi.org/10.1007/s40415-023-00932-6>
- Angulo, J. C. & **F. A. Michelangeli**. 2023. *Miconia burkeae* (Melastomataceae), a new dioecious tree from the montane forests of the Peruvian Andes 75: 411-418. *Brittonia*. <https://doi.org/10.1007/s12228-023-09759-7>
- Fernandez Hilario, R., R. Goldenberg & **F. A. Michelangeli**. 2023. A synopsis of *Meriania* (Melastomataceae: Merianieae) in Peru. *Phytotaxa* 606: 1-101. <https://doi.org/10.11646/PHYTOTAXA.602.1.1>
- Penneys, D. S., **F. A. Michelangeli**, W. S. Judd, F. Almeda & R. D. Stone. 2023. (2961) Proposal to conserve *Bellucia*, nom. cons., against the additional names *Myriasporea* and *Loreya* (Melastomataceae: Henrietteae). *Taxon* 72: 669-670. <https://doi.org/10.1002/tax.12969>
- Goldenberg, R., Jesus, J. C., N. Roque & **F. A. Michelangeli**. 2023. *Pterolepis xaxa* (Melastomataceae, Melastomataceae), a new, haplostemonous species from Bahia, Brazil. *Brittonia* 75:300-303. [published online 06/08/2023] <https://doi.org/10.1007/s12228-023-09747-x>
- Michelangeli, F. A.** 2023. A new species of *Boyania* (Melastomataceae) from Guyana. *Rheedea* 38: 288-294. <https://doi.org/10.22244/rheedea.2022.32.04.04>
- Mercier, K. P., M. M. Vasconcellos, E. G. A. Martins, J. R. Pirani, **F. A. Michelangeli** & A. C. Carnaval. 2023. Linking environmental stability with genetic diversity and population structure in two Atlantic Forest palm trees. *Journal of Biogeography* 50: 197-208. <https://doi.org/10.1111/jbi.14523>
- Bécquer, E. R, T. Bochorny, M. Gavrutenko & **F. A. Michelangeli**. 2022. A revision of the “basal–axial placentation clade” of Miconieae, the newly erected *Miconia* section *Liogieria* (Melastomataceae: Miconieae) from the Greater Antilles. *Willdenowia* 52: 387-432. <https://doi.org/10.3372/wi.52.52307>
- Bochorny T., L. F. Bacci, M. Reginato, T. Vasconcelos, **F. A. Michelangeli** & R. Goldenberg. 2022. Similar diversification patterns in “sky islands”: a comparative approach in lineages from campo rupestre and campo de altitude. *Perspectives in Plant Ecology, Evolution and Systematics* 57: 125700. <https://doi.org/10.1016/j.ppees.2022.125700>

- Zhou, Q., J. Dai, C. Lin, W. Ng, T. Do, J. Wai, **F. A. Michelangeli**, M. Reginato, R. Zhou & Y. Liu. 2022. Out of chaos: Phylogenomics of Asian Sonerileae. *Molecular Phylogenetics and Evolution* 175:107581. <https://doi.org/10.1016/j.ympev.2022.107581>
- Miyaki, C. Y., F. W. Cruz, M. Hickerson, **F. A. Michelangeli**, R. Pinto-da-Rocha, W. W. Thomas, A. C. Carnaval. 2022. A multidisciplinary framework for biodiversity prediction in the Brazilian Atlantic Forest hotspot. *Biota Neotropica* 22(spe): e20221339. <https://doi.org/10.1590/1676-0611-BN-2022-1339>
- Leal, E., T. N. C. Vasconcelos, D. Tuberquia, M. Soto-Gomez, **F. A. Michelangeli**, R. C. Forzza & R. Mello-Silva. 2022. Phylogeny and historical biogeography of Cyclanthaceae (Pandanales), the Panama-hat family. *Taxon* 71: 963-980. <https://doi.org/10.1002/tax.12769>
- Caddah, M. K. J. Meirelles, E. K. Nery, D. F. Lima, A. N. Nicolas, **F. A. Michelangeli** & R. Goldenberg. 2022. Beneath a hairy problem: Phylogeny, biogeography, and morphology circumscribe the new *Miconia* supersection *Discolores* (Melastomataceae: Miconieae). *Molecular Phylogenetics and Evolution* 171: 107461. <https://doi.org/10.1016/j.ympev.2022.107461>
- Fernandez-Hilario, R., R. P. Rojas Gonzáles, R. Villanueva-Espinosa, L. Lajo, A. A. Wong Sato, D. Paredes-Burneo, L. Pillaca-Huacre, **F. A. Michelangeli** & R. Goldenberg. 2022. Nine new species and a new country record for *Meriania* (Melastomataceae) from Peru. *Willdenowia* 52: 39-74. <https://doi.org/10.3372/wi.52.52103>
- de Lutio, R., J. Y. Park, K. A. Watson, S. D'Aronco, J. D. Wegner, J. J. Wieringa, M. Tulig, R. L. Pyle, T. J. Gallaher, G. Brown, G. Guymer, A. Frank, D. Ranatunga, Y. Baba, S. J. Belongie, **F. A. Michelangeli**, B. A. Ambrose & D. P. Little. 2022. The Herbarium 2021 Half-Earth Challenge Dataset and Machine Learning Competition. *Frontiers in Plant Science*. <https://doi.org/10.3389/fpls.2021.787127>
- Murillo-Serna, J. S., **F. A. Michelangeli** & H. A. David-Higuita. 2022. *Alloneuron trinervium* (Melastomataceae: Cyphostyleae) a new species from Colombia. *Brittonia* 74: 43-52. <https://doi.org/10.1007/s12228-021-09680-x>
- Brazil Flora Group (BFG). 2022. Brazilian Flora 2020: Leveraging the power of a collaborative scientific network. *Taxon* 71: 178-198. <https://doi.org/10.1002/tax.12640>
- Bacci, L. F., M. Reginato, T. Bochorny, **F. A. Michelangeli**, A. A. Amorim & R. Goldenberg. 2022. Biogeographic breaks in the Atlantic Forest: evidence for Oligocene/Miocene diversification in *Bertolonia* (Melastomataceae). *Botanical Journal of the Linnean Society* 199:128-143. <https://doi.org/10.1093/botlinnean/boab099>
- Carmenate-Reyes, W. & **F. A. Michelangeli**. 2021. A checklist of *Henriettea* (Melastomataceae, Henrietteae) in the Antilles, with taxonomic notes and lectotypifications. *Brittonia* 73:410-421. <https://doi.org/10.1007/s12228-021-09678-5>
- Maurin, O., A. Anest, S. Bellot, E. Biffin, G. Brewer, T. Charles-Dominique, S. Dodsworth, N. Epitawalage, B. Gallego, A. Giaretta, R. Goldenberg, D. J.P. Gonçalves, S. Graham, P. Hoch, F. Mazine, Y. W. Low, C. McGinnie, **F. A. Michelangeli**, S. Morris, D. S. Penneys, O. A. Pérez Escobar, Y. Pillon, L. Pokorny, G. Shimizu, V. G. Staggemeier, A. Thornhill, K. W. Tomlinson, I. Turner, T. Vasconcelos, P. G. Wilson, A. R. Zuntini, W. J. Baker, F. Forest, E. Lucas. 2021. A nuclear phylogenomic study of the angiosperm order Myrtales, exploring the potential and limitations of the universal Angiosperms353 probe set. *American Journal of Botany* 108: 1087-1111. <https://doi.org/10.1002/ajb.1699>

- Goldenberg, R., & **F. A. Michelangeli**. 2021. A new species of *Macrocentrum* (Melastomataceae: Meranieae) from Pará, Brazil. *Rodriguesia* 72: e02382019. <https://doi.org/10.1590/2175-7860202172055>
- Dellinger, A., R. Pérez-Barrales, **F. A. Michelangeli**, D. S. Penneys, D. Fernández-Fernández, J. Schönenberger. 2021. Low bee visitation rates explain pollinator shifts to vertebrates in tropical mountains. *New Phytologist* 231: 864-877. <https://doi.org/10.1111/nph.17390>
- Versiane, A. F., R. Romero, M. Reginato, C. A. D. Welker, **F. A. Michelangeli** & R. Goldenberg. 2021. Phylogenetic analysis of Microlicieae (Melastomataceae), with emphasis on the re-circumscription of the large genus *Microlicia* D. Don. *Botanical Journal of the Linnean Society* 197: 35-60. <https://doi.org/10.1093/botlinnean/boab011>
- Paz, A., J. L. Brown, C. L.O. Cordeiro, J. Aguirre-Santoro, C. Assis, R. C. Amaro, T. Bochorny, L. F. Bacci, M. K. Caddah, F. d'Horta, M. Kaehler, M. Lyra, M. Reginato, K. L. Silva-Brandão, A. V. L. Freitas, R. Goldenberg, L. Lohmann, **F. A. Michelangeli**, C. Miyaki, M. T. Rodrigues, T. S. Silva, A. C. Carnaval. 2021. Environmental correlates of taxonomic and phylogenetic diversity in the Atlantic Forest. *Journal of Biogeography* 48: 1377-1391. <https://doi.org/10.1111/jbi.14083>
- Meyer, F. S., M. Reginato, E. C. Smidt, J. R. de Santiago Gomez, **F. A. Michelangeli** & R. Goldenberg. 2021. Phylogenetic relationships in *Brachyotum* and allies (Melastomataceae, Melastomateae): a reassessment of the limits of the genera. *Botanical Journal of the Linnean Society* 197: 170-189. <https://doi.org/10.1093/botlinnean/boab014>
- Bochorny, T., L. F. Bacci, A. Dellinger, **F. A. Michelangeli**, R. Goldenberg, V. Brito. 2021. Connective appendages in buzz-pollinated flowers: function and biomechanics in the stamens of *Huberia bradeana* (Melastomataceae). *Plant Biology* 23: 556-563. <https://doi.org/10.1111/plb.13244>
- Fernandez-Hilario, R., R. Goldenberg & **F. A. Michelangeli**. 2021. Taxonomic novelties in *Meriania* (Melastomataceae) from northern Peru. *Nordic Journal of Botany* 39: e02969. <https://doi.org/10.1111/njb.02969>
- Guimarães, P. J. F. & **F. A. Michelangeli**. 2021. Nomenclatural notes on Melastomateae (Melastomataceae). *Phytotaxa* 480: 94-96. <https://doi.org/10.11646/phytotaxa.480.1.10>
- Bacci, L. F., R. Goldenberg & **F. A. Michelangeli**. 2021. First reports of vivipary in Neotropical Melastomataceae. *International Journal of Plant Sciences* 182: 79-83. <https://doi.org/10.1086/711473>
- Murillo-Serna, J. S., **F. A. Michelangeli** & F. Alzate-Guarín. 2020. (2787) Proposal to conserve the name *Graffenrieda* against *Centronia* (Melastomataceae: Meranieae). *Taxon* 69: 1371-1372. <https://doi.org/10.1002/tax.12401>
- Michelangeli, F. A.** & R. Goldenberg. 2021[2020]. A revision of the florbella group of *Miconia* (Melastomataceae, Miconieae) with description of three new species. *Brittonia* 73: 85-105. [published online September 8th 2020]. <https://doi.org/10.1007/s12228-020-09633-w>
- Michelangeli, F. A.**, R. Goldenberg, F. Almeda, G. Ocampo, W. S. Judd, C. Ulloa Ulloa & P. M. Jørgensen. 2020. Additional Nomenclatural and taxonomic notes in Miconieae (Melastomataceae). *Brittonia* 72: 402-405. [published online September 8th 2020]. <https://doi.org/10.1007/s12228-020-09635-8>
- Fernandez-Hilario, R., R. Goldenberg & **F. A. Michelangeli**. 2020. A new species of *Meriania* (Melastomataceae) with remarkably small flowers from northern Peru. *Phytotaxa* 456: 86-94. <https://doi.org/10.11646/phytotaxa.456.1.6>

- Gavrutenko, M. & M. Reginato, R. Kriebel, A. M. Nicolas & **F. A. Michelangeli**. 2020. Evolution of Floral Morphology and Symmetry in the Miconieae (Melastomataceae): Multiple Generalization Trends within a Specialized Family. *International Journal of Plant Sciences* 181:732–747. <https://doi.org/10.1086/708906>
- Goldenberg, R., **F. A. Michelangeli** & A. M. Amorim. 2020. A First Record of *Loricalepis* (Melastomataceae) from the Brazilian Atlantic Forest, with the Description of a New Species from Bahia. *Brittonia* 72: 308-316. [published on-line July 29th 2020]. <https://doi.org/10.1007/s12228-020-09629-6>
- Goldenberg, R., F. S. Meyer, & **F. A. Michelangeli**. 2020. Taxonomic notes in *Meriania* (Melastomataceae) from the Brazilian Atlantic Forest, including a new species, a resurrected species and a new synonym. *Phytotaxa* 453: 218–232. <https://doi.org/10.11646/phytotaxa.453.3.4>
- Penneys, D. S., F. Almeda, **F. A. Michelangeli**, R. Goldenberg, A. B. Martins & Fritsch, P.W. 2020. Lithobieae and Eriocnemeae: two new neotropical tribes of Melastomataceae. *Phytotaxa* 453: 157–178. <https://doi.org/10.11646/phytotaxa.453.3.1>
- Caetano, A. P. S., M. Reginato, R. Goldenberg, P. A. Cortez, J. P. Basso-Alves, **F. A. Michelangeli**, S. M. Carmello-Guerreiro, S. P. Teixeira. 2020. Structure and evolution of polysporangiate anthers in Melastomataceae. *Perspectives in Plant Ecology, Evolution and Systematics* 46: 125556. <https://doi.org/10.1016/j.ppees.2020.125556>
- Brown, J., A. Paz, M. Reginato, C. Amaro, R. Assis, C. Lyra, M. Caddah, J. Aguirre-Santoro, F. d'Horta, F. Raposo do Amaral, R. Goldenberg, K.L. Silva-Brandão, A. Freitas, M. Rodrigues, **F. A. Michelangeli**, C. Miyaki, A. Carnaval. 2020. Seeing the forest through many trees: multi-taxon patterns of phylogenetic diversity in the Atlantic Forest hotspot. *Diversity and Distributions* 26: 1160-1176. <https://doi.org/10.1111/ddi.13116>
- Little, D. P. M. Tulig, K. C. Tan, Y. Liu, S. Belongie, C. Kaeser-Chen, **F. A. Michelangeli**, K. Panesar, R.V. Guha, B. A. Ambrose. 2020. An algorithm competition for automatic species identification from herbarium specimens. *Applications in Plant Sciences* 8(6): e11365. <https://doi.org/10.1002/aps3.11365>
- Jantzen, J. R., A. P. P. R. Amarasinghe, R. A. Folk, M. Reginato, **F. A. Michelangeli**, D. E. Soltis, N. Cellinese, P. S. Soltis. 2020. A two-tier bioinformatic pipeline to develop probes for target capture of nuclear loci with applications in Melastomataceae. *Applications in Plant Sciences* 8: e11345. DOI:10.1002/aps3.11345.
- Michelangeli, F. A.** & D. Santamaría-Aguilar. 2020. A new species of *Blakea* (Melastomataceae: Blakeeae) with pendulous flowers from Costa Rica. *Phytotaxa* 442: 11-19. <https://doi.org/10.11646/phytotaxa.442.1.2>
- Bacci, L. F., A. M. Amorim, **F. A. Michelangeli** & R. Goldenberg. 2020. Flower morphology is correlated with distribution and phylogeny in *Bertolonia* (Melastomataceae), an herbaceous genus endemic to the Atlantic Forest. *Molecular Phylogenetics and Evolution* 149: 106844. <https://doi.org/10.1016/j.ympev.2020.106844>
- Aguirre-Santoro, J., N. Salinas & **F. A. Michelangeli**. 2020. The influence of floral variation and geographic disjunction on the evolutionary dynamics of *Ronnbergia* and *Wittmackia* (Bromeliaceae: Bromelioideae). *Botanical Journal of the Linnean Society* 192: 609-624. [published online 11/21/2019] <https://doi.org/10.1093/botlinnean/boz087>
- Goldenberg, R., M. Reginato, & **F. A. Michelangeli**. 2020. *Miconia lucenae* (Melastomataceae), a new species from montane Atlantic Forest in Espírito Santo, Brazil. *PeerJ* 8:e8752. <https://doi.org/10.7717/peerj.8752>

- Guimarães, P. J. F., **F. A. Michelangeli**, K. Sosa & J. R. de Santiago Gomez. 2019. Systematics of *Tibouchina* and allies (Melastomataceae: Melastomateae) A new taxonomic classification. *Taxon* 68: 937-1002. <https://doi.org/10.1002/tax.12151>
- Wurdack, K. J. & **F. A. Michelangeli**. 2019. Systematics and relationships of *Tryssophyton* (Melastomataceae), with a second species from the Pakaraima Mountains of Guyana. *Phytokeys* 136: 1-21. <https://doi.org/10.3897/phytokeys.136.38558>
- Dellinger, A. S., S. Artuso, S. Pamperl, **F. A. Michelangeli**, D. S. Penneys, D. M. Fernández-Fernández, W. S. Armbruster, Y. Staedler, J. Schönenberger. 2019. Modularity increases rate of floral evolution and adaptive success for functionally specialized pollination systems. *Communications Biology* 2: 453. <https://doi.org/10.1038/s42003-019-0697-7>
- Kaehler, M., **F. A. Michelangeli**, L. G. Lohmann. 2019. Fine tuning the circumscription of *Fridericia* (Bignoniaceae, Bignoniaceae). *Taxon* 68: 751-770. [published online 11/15/2019] <https://doi.org/10.1002/tax.12121>
- Bochorny, T., **F. A. Michelangeli**, F. Almeda & R. Goldenberg. 2019. Phylogenetics, morphology and circumscription of Cambessedesieae: a new Neotropical tribe of Melastomataceae. *Botanical Journal of the Linnean Society* 190: 281-302. <https://doi.org/10.1093/botlinnean/boz018>
- Bacci, L. F., **F. A. Michelangeli** & R. Goldenberg. 2019. Revisiting the classification of Melastomataceae: implications for habit and fruit evolution. *Botanical Journal of the Linnean Society* 190: 1-24. <https://doi.org/10.1093/botlinnean/boz006>
- Michelangeli, F. A.**, R. Goldenberg, F. Almeda, W. S. Judd, E. R. Bécquer, G. Ocampo, G. M. Ionta, J. Dan Skea Jr., L. C. Majure & D.S. Penneys. 2019. Nomenclatural novelties in *Miconia* (Melastomataceae: Miconieae). *Brittonia* 71: 82-121. [published online 10/15/2018]. <https://doi.org/10.1007/s12228-018-9546-0>
- Michelangeli, F. A.** & D. Paredes-Burneo. 2019. *Miconia canoi* (Melastomataceae, Miconieae), a new species from Northern Peru and Southern Ecuador. *Brittonia* 71: 55-63. [published online 10/08/2018] <https://doi.org/10.1007/s12228-018-9549-x>
- Murillo-Serna, J. S., **F. A. Michelangeli** & F. Alzate-Guarín. 2019. Typification of some names of *Graffenrieda* (Melastomataceae: Merianieae). *Phytotaxa* 391: 131-137. <https://doi.org/10.11646/phytotaxa.391.2.6>
- Reginato, M. & **F. A. Michelangeli**. 2019. Pleistocene range expansions might explain striking disjunctions between eastern Brazil, Andes and Mesoamerica in *Leandra* s.str. (Melastomataceae). *Journal of Systematics and Evolution* 57: 646-654. [published online 1/24/2019] <https://doi.org/10.1111/jse.12475>
- Dellinger, A. S., M. Chartier, D. Fernández-Fernández, D. S. Penneys, M. Alvear, F. Almeda, **F. A. Michelangeli**, Y. Staedler, W. S. Armbruster & J. Schönenberger. 2019. Beyond buzz-pollination – departures from an adaptive plateau lead to new pollination syndromes. *New Phytologist* 221: 1136-1149. [published online 10/12/2018] <https://doi.org/10.1111/nph.15468>
- Palacios, W. A., D. M. Fernández-Fernández & **F. A. Michelangeli**. 2018. A new species of *Miconia* (Miconieae, Melastomataceae) from Northwest Ecuador. *Phytotaxa* 379: 247-254. <https://doi.org/10.11646/phytotaxa.379.3.2>
- Judd, W. S., G. M. Ionta, L. C. Majure, **F. A. Michelangeli**. 2018. Taxonomic and Nomenclatural Notes on *Miconia crenata* and related species (Melastomataceae: Miconieae) in the Greater Antilles. *Journal of the Botanical Research Institute of Texas*

- 12: 521-528. https://www.brit.org/sites/default/files/public/brit_press/JBRIT12-2/JBRIT2018-12-2-521.pdf
- Michelangeli, F. A.** & R. Goldenberg. 2018. New and noteworthy Melastomataceae from the Yanachaga-Chemillén National Park and surrounding areas in Oxapampa, Pasco, Peru. *Phytotaxa*: 374: 185-210. [published online 11/07/2018] <https://doi.org/10.11646/phytotaxa.374.3.1>
- BFG-The Brazil Flora Group. 2018. Brazilian Flora 2020: Innovation and collaboration to meet Target 1 of the Global Strategy for Plant Conservation (GSPC). *Rodriguésia* 69: 1513-1527. <https://doi.org/10.1590/2175-7860201869402>
- Tiernan, N. M. & **F. A. Michelangeli**. 2018. A revision of the *Miconia ulmarioides* complex (Melastomataceae: Miconieae). *Brittonia* 70: 455-471. [published online 08/20/2018] <https://doi.org/10.1007/s12228-018-9540-6>
- Bacci, L. F., A. M. Amorim, **F. A. Michelangeli** & R. Goldenberg. 2018. Increased Sampling in Under-Collected Areas Sheds New Light on the Diversity and Distribution of *Bertolonia*, an Atlantic Forest Endemic Genus. *Systematic Botany* 43: 767-792. <https://doi.org/10.1600/036364418X697490>
- Burke, J. M. & **F. A. Michelangeli**. 2018. Six new species of *Miconia* (Miconieae, Melastomataceae) described from the Andes. *Phytotaxa* 361: 131-150. <https://doi.org/10.11646/phytotaxa.361.2.1>
- Goldenberg, R., M. Reginato, & **F. A. Michelangeli**. 2018. Disentangling the infrageneric classification of megadiverse taxa from Mata Atlantica: phylogeny of *Miconia* section *Chaenantha* (Melastomataceae. Miconieae). *Taxon* 67: 537-551. <https://doi.org/10.12705/673.15> [supplemental material at <https://doi.org/10.12705/673.15.S1> <https://doi.org/10.12705/673.15.S2>]
- Kandlikar G. S., M. Vaz, R. Kriebel, G. Vargas, **F. A. Michelangeli**, R. Cordero, F. Almeda, G. Avalos, N. Fetcher & N. J. B. Kraft. 2018. Contrasting patterns of taxonomic, phylogenetic and functional variation along a Costa Rican altitudinal gradient in the plant family Melastomataceae. *Journal of Tropical Ecology* 34: 204-208. <https://doi.org/10.1017/S0266467418000172>
- Paredes-Burneo, D., **F. A. Michelangeli** & A. Cano. 2018. Twelve new records of Melastomataceae from northern Peru. *Phytotaxa* 349: 237-246. <https://doi.org/10.11646/phytotaxa.349.3.4>
- Caetano, A. P., J. P. Basso-Alves, P. A. Cortez, V. L. G. Brito, **F. A. Michelangeli**, M. Reginato, R. Goldenberg, S. M. Carmello-Guerreiro, & S. P. Texeira. 2018. Evolution of the outer ovule integument and its systematic significance in Melastomataceae. *Botanical Journal of the Linnean Society* 186: 224-246. <https://doi.org/10.1093/botlinnean/box093>
- Rocha, M. J. R., P. J. F. Guimaraes, **F. A. Michelangeli** & J. A. N. Batista. 2018. Taxonomy of Marcetieae: A new neotropical tribe of Melastomataceae. *International Journal of Plant Sciences* 179: 50-74. [published online Dec 13 2017] <https://doi.org/10.1086/694932>
- Cardoso, D., T. Särkinen, S. Alexander, A. M. Amorim, V. Bittrich, M. Celis, D. C. Daly, P. Fiaschi, V. A. Funk, L. L. Giacomini, R. Goldenberg, G. Heiden, J. Iganci, C. L. Kelloff, S. Knapp, H. Cavalcante de Lima, A. F. P. Machado, R. Manoel dos Santos, R. Mello-Silva, **F. A. Michelangeli**, J. Mitchell, P. Moonlight, P. L. R. Moraes, S. A. Mori, T. S. Nunes, T. D. Pennington, J. R. Pirani, G. T. Prance, L. P. de Queiroz, A. Rapini, R. Riina, C. A. Vargas Rincon, N. Roque, G. Shimizu, M. Sobral, J. R. Stehmann, W. D. Stevens, C. M. Taylor, M. Trovó, C. van den Berg, H. Van der Werff, P. L. Viana, C. E. Zartman,

- & R. C. Forzza. 2017. Challenging checklists: counting plant species in the Amazon. *Proceedings of the National Academy of Sciences* 114: 10695-10700.
<https://doi.org/10.1073/pnas.1706756114>
- Bochorny, T., **F. A. Michelangeli** & R. Goldenberg. 2017. *Behuria lumiarensis* (Melastomataceae), a new species on a mountaintop of the Brazilian Atlantic Forest. *Phytotaxa* 305: 111-117.
<https://doi.org/10.11646/phytotaxa.305.2.5>
- Burke, J. M., **F. A. Michelangeli** & D. Fernandez. 2017. *Miconia complanata* (Melastomataceae, Miconieae), a new species from the Central Andes. *Brittonia* 69: 370-375. [published online April 3, 2017] <https://doi.org/10.1007/s12228-017-9470-8>
- Carmenate-Reyes, W., **F. A. Michelangeli** & E. R. Bécquer. 2017. Two new species of *Henriettea* (Melastomataceae, Henrietteae) for the flora of the Greater Antilles. *Brittonia* 69: 359-369. [published online 8 March 2017] <https://doi.org/10.1007/s12228-017-9466-4>
- Reginato, M., K. M. Neubig, L. C. Majure & **F. A. Michelangeli**. 2016. The first complete plastid genomes of Melastomataceae are highly structurally conserved. *PeerJ* 4: e2715.
<https://doi.org/10.7717/peerj.2715>
- de Santiago Gómez, J. R. & **F. A. Michelangeli**. 2016. *Miconia portogallensis* (Melastomataceae) a new species from the Sierra Madre del Sur, Guerrero, Mexico. *Phytotaxa* 278: 132-140. <https://doi.org/10.11646/phytotaxa.278.2.3>
- Michelangeli, F. A.**, F. Almeda, M. Alvear, E. R. Bécquer, J. Burke, M. K. Caddah, R. Goldenberg, G. M. Ionta, W. S. Judd, L. C. Majure, J. Meirelles, A. N. Nicolas, G. Ocampo, D. S. Penneys, J. D. Skea Jr. & C. Ulloa Ulloa. 2016. (2462) Proposal to conserve *Miconia*, nom. cons. against the additional names *Maieta* and *Tococa* (Melastomataceae: Miconieae). *Taxon* 65: 892-893. <https://doi.org/10.12705/654.27>
- Almeda, F., **F. A. Michelangeli** & P. L. Viana. 2016. *Brasilianthus* (Melastomataceae), a new monotypic genus endemic to ironstone outcrops in the Brazilian Amazon. *Phytotaxa* 273: 269-282. <https://doi.org/10.11646/phytotaxa.273.4.3>
- Reginato, M. & **F. A. Michelangeli**. 2016. Diversity and constraints in the floral morphological evolution of *Leandra* s.str. (Melastomataceae). *Annals of Botany* 118: 445-458.
<https://doi.org/10.1093/aob/mcw116>
- Rocha, M. J. R., J. A. N. Batista, P. J. F. Guimaraes & **F. A. Michelangeli**. 2016. Phylogenetic relationships in the *Marcetia* alliance (Melastomeae, Melastomataceae) and implications for generic circumscription. *Botanical Journal of the Linnean Society* 181: 585-609.
<https://doi.org/10.1111/boj.12429>
- Bacci, L. F., A. M. Amorim, **F. A. Michelangeli** & R. Goldenberg. 2016. A new species of *Bertolonia* (Melastomataceae) from southern Bahia, Brazil. *Phytotaxa* 265: 251-258.
<https://doi.org/10.11646/phytotaxa.265.3.5>
- Rocha, M. J. R., P. J. F. Guimaraes, **F. A. Michelangeli** & R. Romero. 2016. Phylogenetic placement and new circumscription *Poteranthera* (Melastomataceae). *Phytotaxa*: 263: 219-232. <https://doi.org/10.11646/phytotaxa.263.3.3>
- Michelangeli, F. A.** & R. Goldenberg. 2016. *Miconia papillosperma* (Melastomataceae: Miconieae): a new species from Amazonas, Brazil. *Phytokeys* 63: 31-40
<https://doi.org/10.3897/phytokeys.63.7368>

- Michelangeli, F. A.** & C. Ulloa Ulloa. 2016. A new species of *Alloneuron* (Melastomataceae) from northern Peru. *Brittonia* 68: 429-432. [published online April 29th 2016] <https://doi.org/10.1007/s12228-016-9436-2>
- Barbosa-Silva, R. G., P. H. Labiak, A. S. B. Gil, R. Goldenberg, **F. A. Michelangeli**, G. Martinelli, M. A. N. Coelho, D. C. Zappi, R. C. Forzza. 2016. Over the hills and far away: new plant records for the Brazilian Guayana Shield. *Brittonia* 68: 397-408. <https://doi.org/10.1007/s12228-016-9435-3>
- Aguirre-Santoro, J., D. W. Stevenson & **F. A. Michelangeli**. 2016. Molecular Phylogenetics of the *Ronnbergia* Alliance (Bromeliaceae, Bromelioideae) and insights about its morphological evolution. *Molecular Phylogenetics and Evolution* 100: 1-20. <https://doi.org/10.1016/j.ympev.2016.04.007>
- Goldenberg, R., **F. A. Michelangeli**, L. A. S. Aona & A. M. Amorim. 2016. Angiosperms and the Linnean shortfall: three new species from three lineages of Melastomataceae at one spot at the Atlantic Forest. *PeerJ* 4:e1824. <https://doi.org/10.7717/peerj.1824>
- Reginato, M. & **F. A. Michelangeli**. 2016. Primers for low-copy nuclear genes in the Melastomataceae. *Applications in Plant Sciences* 4(1): 1500092. <https://doi.org/10.3732/apps.1500092>
- Reginato, M. & **F. A. Michelangeli**. 2016. Untangling the phylogeny of *Leandra* sensu str. (Melastomataceae, Miconieae). *Molecular Phylogenetics and Evolution* 96: 17-32. <https://doi.org/10.1016/j.ympev.2015.11.015>
- Brazil Flora Group (BFG). 2015. Growing knowledge: an overview of Seed Plant diversity in Brazil. *Rodriguezia* 66: 1085-1113. <https://doi.org/10.1590/2175-7860201566411>
- Goldenberg, R., F. Almeda, K. Sosa, R. C. Ribeiro & **F. A. Michelangeli**. 2015. *Rupestrea*: A new brazilian genus of Melastomataceae, with anomalous seeds and dry indehiscent fruits. *Systematic Botany* 40: 561-571. [published online August 10, 2015] <https://doi.org/10.1600/036364415X688862>
- Aguirre-Santoro, J. & **F. A. Michelangeli**. 2015. Two new species of *Disteganthus* (Bromeliaceae) from Suriname and French Guiana. *Brittonia* 67: 233-242. [published online July 3rd 2015]. <https://doi.org/10.1007/s12228-015-9378-0>
- Michelangeli, F. A.**, W. Carmenate Reyes & K. Sosa. 2015. A synopsis of *Meriania* (Melastomataceae) for the Greater Antilles with emphasis on the status of the Cuban species. *Brittonia* 67: 118-137. [published online February 21st 2015]. <https://doi.org/10.1007/s12228-015-9366-4>
- Majure, L. C., W. S. Judd, & **F. A. Michelangeli**. 2015. Taxonomic revision of the Pseudolima clade of *Miconia* (Miconieae: Melastomataceae). *Brittonia* 67: 11-18. [published online August 19 2014] <https://doi.org/10.1007/s12228-014-9349-x>
- Kriebel, R., **F. A. Michelangeli** & L. M. Kelly. 2015. Discovery of unusual characters in the evolutionary history of *Conostegia* (Melastomataceae, Miconieae). *Molecular Phylogenetics and Evolution* 82: 289-313. <https://doi.org/10.1016/j.ympev.2014.09.021>
- Cardenas, L. A., J. M. Burke & **F. A. Michelangeli**. 2014. Five new species of *Miconia* (Melastomataceae) from the Central Peruvian Andes. *Phytotaxa* 188: 121-134. <https://doi.org/10.11646/phytotaxa.188.3.1>
- Da Silva, M. F. O., P. J. F. Guimarães & **F. A. Michelangeli**. 2014. Nomenclatural novelties in tribe Melastomeae (Melastomataceae). *Phytotaxa* 186: 222-228. <https://doi.org/10.11646/phytotaxa.186.4.6>

- Ocampo, G., **F. A. Michelangeli** & F. Almeda. 2014. Seed Diversity in the Tribe Miconieae (Melastomataceae): Taxonomic, Systematic, and Evolutionary Implications. PLOS ONE 9(6): e100561. <https://doi.org/10.1371/journal.pone.0100561>
- Bécquer, E. R., **F. A. Michelangeli** & T. Borsch. 2014. Comparative seed morphology of the Antillean genus *Calycogonium* (Melastomataceae: Miconieae) as a source of characters to untangle its complex taxonomy. Phytotaxa 166: 241-258. <https://doi.org/10.11646/phytotaxa.166.4.1>
- Michelangeli, F. A.** & R. Goldenberg. 2014. A new species of *Graffenrieda* (Melastomataceae) from the northern Amazon basin. Brittonia 66: 170-173. [published online September 10, 2013]. <https://doi.org/10.1007/s12228-013-9321-1>
- Michelangeli, F. A.,** C. Ulloa Ulloa & K. Sosa. 2014. *Quipuanthus*, a new genus and species of Melastomataceae from the foothills of the Andes in Ecuador and Peru. Systematic Botany 39: 533-540. <https://doi.org/10.1600/036364414X680924>
- Michelangeli, F. A.** 2014. Taxonomic notes on Myrmecophytic Melastomataceae: a new species, two new synonyms, and an old species reconsidered. Brittonia 66: 82-88. [published online September 10, 2013]. <https://doi.org/10.1007/s12228-013-9317-x>
- Burke, J. M & **F. A. Michelangeli**. 2013. Lectotypification of Peruvian Melastomataceae described by Cogniaux from Weberbauer collections. Phytotaxa.125: 10-16. <https://doi.org/10.11646/phytotaxa.125.1.27>
- Burke, J. M. & **F. A. Michelangeli**. 2013. *Miconia galeiformis* and *Miconia neei* (Miconieae: Melastomataceae), two new species from Bolivia. Brittonia 65: 171-180. <https://doi.org/10.1007/s12228-012-9278-5>
- Goldenberg, R., F Almeda, M. K. Caddah, A. B. Martins, J. Meirelles, **F. A. Michelangeli**, M. Weiss. 2013. Nomenclator botanicus for the neotropical genus *Miconia* (Melastomataceae, Miconieae). Phytotaxa 106: 1-171. <https://doi.org/10.11646/phytotaxa.106.1.1>
- Michelangeli, F. A.** & W. Meier. 2013. A new anisophyllous species of *Miconia* (Melastomataceae) from the Coastal Cordillera in northern Venezuela. Phytotaxa: 79: 37-44. <https://doi.org/10.11646/phytotaxa.79.1.3>
- Michelangeli, F. A.** & C. Ulloa Ulloa. 2013. A new species of *Graffenrieda* (Melastomataceae) from the Andes in Southern Ecuador. Phytotaxa 77: 43-48. <https://doi.org/10.11646/phytotaxa.77.3.2>
- Michelangeli, F. A.,** P. J. F. Guimaraes, D. S. Penneys, F. Almeda & R. Kriebel. 2013. Phylogenetic relationships and distribution of New World Melastomeae (Melastomataceae). Botanical Journal of the Linnean Society 171: 38-60. <https://doi.org/10.1111/j.1095-8339.2012.01295.x>
- Goldenberg, R., C. N. de Fraga, A. P. Fontana, A. N. Nicolas & **F. A. Michelangeli**. 2012. Taxonomy and Phylogeny of *Merianthera* (Melastomataceae). Taxon: 61: 1040-1056. <https://doi.org/10.1002/tax.615010>
- Michelangeli, F. A.** & R. Goldenberg. 2012. Replacement names and synonyms in *Miconia* (Melastomataceae: Miconieae). Phytotaxa 52: 29-32. <https://doi.org/10.11646/phytotaxa.52.1.4>
- Kaehler, M., **F. A. Michelangeli** & L. G. Lohmann. 2012. Phylogeny of *Lundia* (Bignoniaceae) based on molecular and morphological characters. Taxon 61: 368-380. <https://doi.org/10.1002/tax.612008>

- Thomas, W. W., R. C. Forzza, **F. A. Michelangeli**, A. M. Giulietti-Harley & P M. Leitman. 2012. Large-scale Monographs and Floras – the Sum of Local Floristic Research. *Plant Ecology and Diversity* 5: 217-223. <https://doi.org/10.1080/17550874.2011.622306>
- Trusty, J. L., A. Tye, T. M. Collins, **F. A. Michelangeli**, P. Madriz & J. Francisco-Ortega. 2012. Galápagos and Cocos Islands: so close and so distant. *International Journal of Plant Sciences*: 173: 36-53. <https://doi.org/10.1086/662657>
- Bécquer-Granados, E. R. & **F. A. Michelangeli**. 2011. *Miconia walterjuddii* (Miconieae: Melastomataceae), a new species from Cuba. *Brittonia* 63: 425-429. <https://doi.org/10.1007/s12228-011-9204-2>
- Michelangeli, F. A.**, A. Nicolas, M. E. Morales-P & H. David. 2011. Phylogenetic relationships of *Allomaieta*, *Alloneuron*, *Cyphostyla* and *Wurdastom* (Melastomataceae), and the resurrection of the tribe Cyphostyleae. *International Journal of Plant Sciences* 172: 1165-1178. <https://doi.org/10.1086/662032>
- Goldenberg, R., M. K. Caddah & **F. A. Michelangeli**. 2011. A new species of *Miconia* (Melastomataceae) from Amazonas, Brazil. *Brittonia* 63: 245-249. <https://doi.org/10.1007/s12228-010-9157-x>
- Penneys, D. S., **F. A. Michelangeli**, W. S. Judd, & F. Almeda. 2010. Henrietteae (Melastomataceae): A new Neotropical berry-fruited tribe. *Systematic Botany* 35: 783-800. <https://doi.org/10.1600/036364410X539862>
- Michelangeli, F. A.** 2010. An annotated list and key of Neotropical Myrmecophylous Melastomataceae. *Proceedings of the California Academy of Sciences. Series 4.* 61 (9): 409-449.
- Reginato, M., **F. A. Michelangeli** & R. Goldenberg. 2010. Phylogeny of *Pleiochiton* A. Gray (Melastomataceae, Miconieae): Total evidence. *Botanical Journal of the Linnean Society*. 162: 423–434. <https://doi.org/10.1111/j.1095-8339.2009.01022.x>
- Amorim, A. A., R. Goldenberg & **F. A. Michelangeli**. 2009. A new species of *Physeterostemon* (Melastomataceae) from Bahia, Brazil, with notes on the phylogeny the genus. *Systematic Botany* 34: 324-329. <https://doi.org/10.1600/036364409788606389>
- Martin, C. V. & **F. A. Michelangeli**. 2009. Comparative seed morphology of *Leandra* (Miconieae, Melastomataceae). *Brittonia* 61: 175-188. <https://doi.org/10.1007/s12228-008-9060-x>
- Galarda Varassin I., D. S. Penneys & **F. A. Michelangeli**. 2008. Comparative anatomy and morphology of nectar-producing Melastomataceae. *Annals of Botany* 102: 899-909. <https://doi.org/10.1093/aob/mcn180>
- Goldenberg, R., D. S. Penneys, F. Almeda, W. S. Judd & **F.A. Michelangeli**. 2008. Phylogeny of *Miconia* (Melastomataceae): initial insights into broad patterns of diversification in a megadiverse neotropical genus. *International Journal of Plant Sciences* 169: 963-979. <https://doi.org/10.1086/589697>
- Judd, W. S., J. D. Skeeve Jr., D. S. Penneys & **F. A. Michelangeli**. 2008. A new species of *Henriettea* (Melastomataceae) from the Sierra de Baoruco, the Dominican Republic. *Brittonia* 60: 217-227. <https://doi.org/10.1007/s12228-008-9021-4>
- Morales-Puentes, M.E., **F. A. Michelangeli** & F. González. 2008. Una nueva especie de *Miconia* (Melastomataceae: Miconieae) de Colombia. *Brittonia* 60: 228-234. <https://doi.org/10.1007/s12228-008-9015-2>
- Michelangeli, F. A.**, W. S. Judd, D. S. Penneys, J. D. Skeeve, Jr., E. R. Becquer, R. Goldenberg & C. V. Martin. 2008. Multiple events of dispersal and radiation of the tribe Miconieae

- (Melastomataceae) in the Caribbean. *Botanical Review* 74: 53-77.
<https://doi.org/10.1007/s12229-008-9004-x>
- Bécquer-Granados, E. R., K. M. Neubig, W. S. Judd, **F. A. Michelangeli**, J. R. Abbott & D. S. Penneys. 2008. Preliminary molecular phylogenetic studies in *Pachyanthus* (Miconieae, Melastomataceae). *Botanical Review*: 74: 37-52. <https://doi.org/10.1007/s12229-008-9010-z>
- Martin, C. V., D. Little, R. Goldenberg & **F. A. Michelangeli**. 2008. A phylogenetic evaluation of *Leandra* (Miconieae, Melastomataceae): a polyphyletic genus where the seeds tell the story, not the petals. *Cladistics* 24: 317-327. <https://doi.org/10.1111/j.1096-0031.2007.00185.x>
- Davis, J.I., G. Petersen, O. Seberg, D.W. Stevenson, C.R. Hardy, M.P. Simmons, **F.A. Michelangeli**, D.H. Goldman, L.M. Campbell, C.D. Specht, & J.I. Cohen. 2006. Are mitochondrial genes useful for the analysis of monocot relationships? *Taxon* 55: 857-870. <https://doi.org/10.2307/25065681>
- Petersen, G., O. Seberg, J. I. Davis, D. H. Goldman, D. W. Stevenson, L. M. Campbell, **F. A. Michelangeli**, C. D. Specht, M. W. Chase, M. F. Fay, J. C. Pires, J. V. Freudenstein, C. R. Hardy, & M. P. Simmons. 2006. Mitochondrial DNA in Monocot Phylogeny. Pp 52-62. *In*: T Columbus, E. A. Friar, J. M. Porter, L. M. Prince & M. G. Simpson [eds.] *Monocots: Comparative Biology and Evolution (excluding Poales)*. Rancho Santa Ana Botanical Gardens, Claremont, California, USA.
- Michelangeli, F. A.** 2006. Two new species of myrmecophytic *Tococa* (Melastomataceae) with unusually large floral bracts. *Brittonia* 58: 151-155. [https://doi.org/10.1663/0007-196X\(2006\)58\[151:TNSOMT\]2.0.CO;2](https://doi.org/10.1663/0007-196X(2006)58[151:TNSOMT]2.0.CO;2)
- Michelangeli, F. A.** 2005. *Tococa* (Melastomataceae). *Flora Neotropica Monographs* 98: 1-114. <https://www.jstor.org/stable/pdf/4393950.pdf>
- Michelangeli, F. A.** & E. Rodriguez. 2005. Absence of cyanogenic glycosides in the tribe Miconieae (Melastomataceae). *Biochemical Systematics and Ecology* 33: 335-339. <https://doi.org/10.1016/j.bse.2004.11.008>
- Davis, J. I., D. W. Stevenson, G. Petersen, O. Seberg, L. M. Campbell, J. V. Freudenstein, D. H. Goldman, C. R. Hardy, **F. A. Michelangeli**, M. P. Simmons, C. D. Specht, F. Vergara-Silva, & M. A. Gandolfo. 2004. A phylogeny of the monocots, as inferred from *rbcL* and *atpA* sequence variation, and a comparison of methods for calculating jackknife and bootstrap values. *Systematic Botany* 29: 467-510. <https://doi.org/10.1600/0363644041744365>
- Michelangeli, F. A.**, D. S. Penneys, J. Giza, D. Soltis, M. H. Hills & J. D. Skeeve Jr. 2004. A preliminary phylogeny of the tribe Miconieae (Melastomataceae) based on nrITS sequence data and its implications on inflorescence position. *Taxon* 53: 279-290. <https://doi.org/10.2307/4135608>
- Michelangeli, F. A.**, J. Francisco-Ortega, D. González, A. Jaramillo, E. Ruiz, E. Santiago & A. P. Vovides. 2004. Plant Molecular systematics in Latin America. Status, realities, and perspectives. *Taxon* 53: 265-268. <https://doi.org/10.2307/4135606>
- Michelangeli, F. A.** 2003. Ant protection against herbivory in tree species of *Tococa* (Melastomataceae) occupying different environments. *Biotropica* 35: 181-188. <https://doi.org/10.1111/j.1744-7429.2003.tb00277.x>
- Michelangeli, F. A.**, J. I. Davis & D. Wm. Stevenson. 2003. Phylogenetic relationships among Poales and related families as inferred from morphology, inversions in the plastid

- genome and sequence data from the mitochondrial and plastid genomes. *American Journal of Botany* 90: 93-106. <https://doi.org/10.3732/ajb.90.1.93>
- Michelangeli, F. A.** 2001. Lectotypification of some species of *Tococa* (Melastomataceae). *Novon* 11: 76-78. <https://doi.org/10.2307/3393212>
- Michelangeli, F. A.** 2000. A cladistic analysis of the genus *Tococa* (Melastomataceae) based on morphological data. *Systematic Botany* 25: 211-234. <https://doi.org/10.2307/2666640>
- Michelangeli, F. A.** 2000. Species composition and Species-Area Relationships in Vegetation Islands of the Roraima Tepui. *Journal of Tropical Ecology* 16: 69-82. <https://doi.org/10.1017/S0266467400001279>

BOOK CHAPTERS IN EDITED PEER-REVIEWED BOOKS

- Ulloa Ulloa, C., Almeda, F., Goldenberg, R., Kadereit, G., **Michelangeli, F. A.**, Penneys, D. S., Stone, R. D., Veranso-Libalah, M. C. 2022. Melastomataceae: Global Diversity, Distribution, and Endemism. Ch.1. In: Goldenberg, R., **Michelangeli, F. A.** & Almeda, F. (eds). *Systematics, Evolution, and Ecology of Melastomataceae*. Pp. 3-28. Springer. https://doi.org/10.1007/978-3-030-99742-7_1
- Judd, W. S., Majure, L. C., **Michelangeli, F. A.**, Goldenberg, R., Almeda, F., Penneys, D. S., Stone, R. D. 2022. Morphological variability within Melastomataceae (Myrtales), including a discussion of associated terminology. Ch 3. In: Goldenberg, R., **Michelangeli, F. A.** & Almeda, F. (eds). *Systematics, Evolution, and Ecology of Melastomataceae*. Pp 45-85. Springer. https://doi.org/10.1007/978-3-030-99742-7_3
- Reginato, M., Almeda, F., **Michelangeli, F. A.**, Goldenberg, R., Fritsch, P. W., Stone, R. D., Penneys, D. S. 2022. Historical biogeography of Melastomataceae. Ch. 4. In: Goldenberg, R., **Michelangeli, F. A.** & Almeda, F. (eds). *Systematics, Evolution, and Ecology of Melastomataceae*. Pp. 87-105. Springer. https://doi.org/10.1007/978-3-030-99742-7_4
- Penneys, D. S., Almeda, F., Reginato, M., **Michelangeli, F. A.**, Goldenberg, R. Fritsch, P. W., Stone, R. D. 2022. A new Melastomataceae classification informed by molecular phylogenetics and morphology. Ch. 5. In: Goldenberg, R., **Michelangeli, F. A.** & Almeda, F. (eds). *Systematics, Evolution, and Ecology of Melastomataceae*. Pp 109-165. Springer. https://doi.org/10.1007/978-3-030-99742-7_5
- Michelangeli, F. A.**, Nicolas, A. N., Ocampo, G., Goldenberg, R., Almeda, F., Judd, W. S., Bécquer, E. R., Skean, J. D. jr., Caddah, M. K., Ionta, G. M., Penneys, D. S., Alvear, M., Majure, L. C. 2022. Why recognize *Miconia* as the only genus in tribe Miconieae (Melastomataceae)? Ch. 10. In: Goldenberg, R., **Michelangeli, F. A.** & Almeda, F. (eds). *Systematics, Evolution, and Ecology of Melastomataceae*. Pp 235-254. Springer. https://doi.org/10.1007/978-3-030-99742-7_10
- Michelangeli, F. A.**, Dellinger, A. S., Goldenberg, R., Almeda, F., Mendoza-Cifuentes, H., Fernández-Fernández, D., Ulloa Ulloa, C., Penneys, D. S. 2022. Phylogenetics and taxonomy of the tribe Merianieae. Ch. 11. In: Goldenberg, R., **Michelangeli, F. A.** & Almeda, F. (eds). *Systematics, Evolution, and Ecology of Melastomataceae*. Pp. 255-573. Springer. https://doi.org/10.1007/978-3-030-99742-7_11
- Bacci, L. F., Bochorny, T., Bisewski, G. C. A., Passos, L. S., **Michelangeli, F. A.**, Goldenberg, R. 2022. Systematics and climatic preferences of Bertolonieae and Trioleneae. Ch. 12. In: Goldenberg, R., **Michelangeli, F. A.** & Almeda, F. (eds). *Systematics, Evolution, and*

- Ecology of Melastomataceae. Pp 275-289. Springer. https://doi.org/10.1007/978-3-030-99742-7_12
- Michelangeli, F. A.**, Murillo-Serna, J. S., Mendoza-Cifuentes, H. 2022. The Cyphostyleae, a small tribe rich in rare characters in the family. Ch. 14. In: Goldenberg, R., **Michelangeli, F. A.** & Almeda, F. (eds). Systematics, Evolution, and Ecology of Melastomataceae. Pp. 307-319. Springer. https://doi.org/10.1007/978-3-030-99742-7_14
- Bochorny, T., Bacci, L. F., **Michelangeli, F. A.**, Almeda, F., Goldenberg, R. 2022. Systematics and evolution of tribe Pyramieae. Ch. 17. In: Goldenberg, R., **Michelangeli, F. A.** & Almeda, F. (eds). Systematics, Evolution, and Ecology of Melastomataceae. Pp. 359-371. Springer. https://doi.org/10.1007/978-3-030-99742-7_17
- Ocampo, G., **Michelangeli, F. A.**, Penneys, D. S., Handley, V., González-Moreno, R., Herrera-Dimas, E., Almeda, F. 2022. Seed morphological features in Melastomataceae. Ch. 23. In: Goldenberg, R., **Michelangeli, F. A.** & Almeda, F. (eds). Systematics, Evolution, and Ecology of Melastomataceae. Pp. 491-531. Springer. https://doi.org/10.1007/978-3-030-99742-7_23
- Michelangeli, F. A.**, Nicolas, A. N., Ocampo, G., Goldenberg, R., Almeda, F., Judd, W. S. Bécquer, E. R., Skean, J. D. jr., Kriebel, R., Sosa, K., Caddah, M. K., Ionta, G. M., de Santiago, J. R., Penneys, D. S., Alvear, D. M., Gavrutenko, M., Burke, J. M., Majure, L. C., Reginato, M. 2022. Historical Biogeography of the Neotropical Miconieae (Melastomataceae) reveals a pattern of progressive colonization out of lowland South America. Ch. 28. In: Goldenberg, R., **Michelangeli, F. A.** & Almeda, F. (eds). Systematics, Evolution, and Ecology of Melastomataceae. Pp. 629-644. Springer. https://doi.org/10.1007/978-3-030-99742-7_28
- Bacci, L. F., Bochorny, T., Goldenberg, R., Caddah, M. K., Meyer, F. S., Reginato, M., **Michelangeli, F. A.** 2022. Colonization and diversification of Melastomataceae in the Atlantic Forest of South America. Ch. 30. In: Goldenberg, R., **Michelangeli, F. A.** & Almeda, F. (eds). Systematics, Evolution, and Ecology of Melastomataceae. Pp. 673-685. Springer. https://doi.org/10.1007/978-3-030-99742-7_30
- Reginato, M. & **F. A. Michelangeli.** 2020. Bioregions of Eastern Brazil, Based on Vascular Plant Occurrence Data. In: Rull V, Carnaval AC (eds.) Neotropical Diversification: Patterns and Processes. Springer International Publishing, Cham, pp 475-494. https://doi.org/10.1007/978-3-030-31167-4_18
- Peres, E. A., R. Pinto-da-Rocha, L. G. Lohmann, **F. A. Michelangeli**, C. Y. Miyaki & A. C. Carnaval. 2020. Patterns of Species and Lineage Diversity in the Atlantic Rainforest of Brazil. In: Rull V, Carnaval AC (eds.) Neotropical Diversification: Patterns and Processes. Springer International Publishing, Cham, pp 415-447. https://doi.org/10.1007/978-3-030-31167-4_16
- Paz, A., M. Reginato, **F. A. Michelangeli**, R. Goldenberg, M. K. Caddah, J. Aguirre-Santoro, L. G. Lohmann, M. Kaehler & A. Carnaval. 2020. Predicting patterns of plant diversity and endemism in the tropics with remote sensing data sources – a study case from the Brazilian Atlantic rainforest. J. Cavender-Bares, J. Gamon & P. Townsend (eds.). *Remote Sensing of Plant Biodiversity: Using spectral signals to understand the biology and biodiversity of plants, communities, ecosystems and the tree of life*. Pp. 255-266. Springer, Cham. https://doi.org/10.1007/978-3-030-33157-3_11
- Riina, R., P. E. Berry, O. Huber, & **F. A. Michelangeli.** 2019. Vascular plants and bryophytes. In: *Biodiversity of Pantepui: The Pristine "Lost World" of the Neotropical Guiana Highlands*.

- V. Rull, T. Vegas-Vilarrúbia, O. Huber & C. Señaris (eds.). Academic Press, London. Pp: 121-147. <https://doi.org/10.1016/B978-0-12-815591-2.00006-9>
- Herrera, A.M., **F. Michelangeli**, J. Nassar, J.P. Rodriguez & D. Torres. 1992. The Spectacled Bear of the Sierra Nevada National Park, Venezuela. *in*: The 1991 International Studbook for the Spectacled Bear. Lincoln Park Zoological Gardens, Chicago. pp. 61-81. <https://www.jstor.org/stable/pdf/3872695.pdf>

BOOKS EDITED

- Goldenberg, R., **Michelangeli, F. A.** & Almeda, F. (eds). 2022. Systematics, Evolution, and Ecology of Melastomataceae. Springer. ISBN 978-3-030-99741-0; ISBN 978-3-030-99742-7 (EBOOK). [HTTPS://DOI.ORG/10.1007/978-3-030-99742-7](https://doi.org/10.1007/978-3-030-99742-7)

NON-PEER REVIEWED PUBLICATIONS (reports, floras, checklists, etc)

- Antonelli, A., Fry, C., Smith, R.J., Eden, J., Govaerts, R.H.A., Kersey, P., Nic Lughadha, E., Onstein, R.E., Simmonds, M.S.J., Zizka, A...**Michelangeli, F.A.**,...& Zuntini, A.R. 2023. State of the World's Plants and Fungi 2023. Royal Botanic Gardens, Kew. DOI: <https://doi.org/10.34885/wwnw-6s63>
- Goldenberg, R., Almeda, F., **Michelangeli, F. A.** 2022. Preface. *In*: Goldenberg, R., **Michelangeli, F. A.** & Almeda, F. (eds). Systematics, Evolution, and Ecology of Melastomataceae. Pp ix-xi. Springer. ISBN 978-3-030-99741-0; ISBN 978-3-030-99742-7 (EBOOK). <https://doi.org/10.1007/978-3-030-99742-7>
- Almeda, F., **Michelangeli, F. A.**, Goldenberg, R. Conclusion and future prospects. *In*: Goldenberg, R., **Michelangeli, F. A.** & Almeda, F. (eds). Systematics, Evolution, and Ecology of Melastomataceae. Pp. 791-793. Springer. ISBN 978-3-030-99741-0; ISBN 978-3-030-99742-7 (EBOOK). <https://doi.org/10.1007/978-3-030-99742-7>
- Michelangeli, F. A.** 2020. Melastomataceae. Pp: 297-314. *In*: A. Huerfano, I. Fedón & J. Mostacero (eds). Libro Rojo de la Flora Venezolana, 2nd Ed. Instituto Experimental Jardín Botánico, Universidad Central de Venezuela, Caracas, Venezuela
- Michelangeli, F. A.**, Z. Narine, I. Johnson, P. Lewis, N. Carter & P. Benjamin. 2017. Plants of the Potaro Plateau, Guyana. Pp. 37-59. *In*: Alonso, L. E., J. Persaud & A. Williams (eds.). Biodiversity Assessment Survey of the Kaieteur Plateau and Upper Potaro, Guyana. BAT Survey Report No. 2. WWF-Guianas and Global Wildlife Conservation, Georgetown.
- Michelangeli, F. A.** 2017. *Miconia crenata* & *Miconia mayeta* comb. nov. Pp. 1102. *In*: D. J. Mabberley. Mabberley's Plant Book, 4th edition. Cambridge University Press, Cambridge.
- Almeda, F., H. Mendoza-Cifuentes, D. S. Penneys, **F. A. Michelangeli** & M. Alvear. 2016. Melastomataceae. Pp. 1585-1664, 2537-2538. *In*: Bernal, R., S. R. Gradstein & M. Celis (eds). Catálogo de plantas y líquenes de Colombia. Instituto de Ciencias Naturales, Universidad Nacional de Colombia, Bogotá.
- Michelangeli, F. A.** & E. R. Becquer-Granados. 2012. Melastomataceae. Pp.531-562. *In*: P. Acevedo-Rodriguez & M. T. Strong. (eds.). Catalogue of Seed Plants of the West Indies. Smithsonian Contributions to Botany 98.
- Michelangeli, F.A.** 2011. *Tococa* (Melastomataceae) Pp. 624-625. *In*: A. Idárraga, R. del C. Ortiz, R. Callejas & M. Merello (eds.). Flora de Antioquia: catálogo de las plantas vasculares. vol. II. Listado de las plantas vasculares del departamento de Antioquia. Programa Expedición Antioquia-2103. Series Biodiversidad y Recursos Naturales. Universidad de Antioquia,

Missouri Botanical Garden & Oficina de planeación departamental de la gobernación de Antioquia, Editorial D'Vinni, Bogotá, Colombia.

- Michelangeli, F.A.**, & M. Reginato. 2010. *Clidemia* (Melastomataceae). Pp. 1240-1242. In: Forza, R. et al.(eds). Lista de Espécies da Flora do Brasil. Jardim Botânico do Rio de Janeiro.
- Michelangeli, F.A. 2010.** *Maieta* (Melastomataceae) Pp. 1253. In: Forza, R. et al.(eds). Lista de Espécies da Flora do Brasil. Jardim Botânico do Rio de Janeiro.
- Michelangeli, F.A. 2010.** *Tococa* (Melastomataceae) Pp. 1277. In: Forza, R. et al.(eds). Lista de Espécies da Flora do Brasil. Jardim Botânico do Rio de Janeiro.
- Michelangeli, F. A. & R. Goldenberg** 2008 [2009]. Melastomataceae. Pp 255-260. In: D. C. Daly, M. Silveira, & collaborators. First Catalogue of the Flora of Acre, Brazil/Primeiro Catálogo da Flora do Acre, Brasil. PRINTAC/EDUFAC, Rio Branco.
- Michelangeli, F. A. & E. Cotton.** 2008. Melastomataceae. pp 466-484 In: Hokche, R., P. E. Berry & O. Huber (eds.). Nuevo Catalogo de la Flora Vascular de Venezuela. Fundación Instituto Botánico de Venezuela Dr. Tobías Lasser, Caracas.
- Cotton, E. & **F. A. Michelangeli.** 2007. Melastomataceae. pp 559-571. In: Duno de Stefano, R., G. Aymard & O. Huber(eds.). Catálogo Anotado e Ilustrado de la Flora Vascular de los Llanos de Venezuela. FUDENA. Caracas, Venezuela.
- Almeda, F., P.E. Berry, A. Freire-Fierro, A. Gröger, B.K. Holst, N.G. Luckana, **F.A. Michelangeli**, T. Morley, D. Penneys, S.S. Renner, O.R. Robinson, J.J. Wurdack† & K. Yatskievych. 2007. Melastomataceae, pp. 397-417. In V. Funk, T. Hollowell, P. Berry, C. Kelloff and S.N. Alexander (eds.). Checklist of the Plants of the Guiana Shield (Venezuela: Amazonas, Bolivar, Delta Amacuro; Guyana, Surinam, French Guiana). Contributions of the U.S. National Herbarium. Washington, DC.
- Michelangeli, F. A.** 2001. *Tococa*. In Melastomataceae. Berry, P. E., B. K Holst & K. Yatskievych (eds.). Flora of the Venezuelan Guayana. Vol 6. Missouri Botanical Garden.

OTHER PUBLICATIONS (general public, etc.)

- Michelangeli, F. A.** 2020. The Engler Medal in Silver awarded to Dr. Terry Pennington and Ms. Rosemary Wise. *Taxon* 69: 1408.
- Michelangeli, F. A.** 2015. The plant in the portrait. *The Botanical Artist* 21: 13.
- Ambrose, B. A., K. G. Karol, L. M. Kelly & **F. A. Michelangeli.** 2012. Foreword: A Festschrift on the occasion of Dennis Wm. Stevenson's 70th birthday. *Botanical Review* 79: 307-309.
- Michelangeli, F. A.** 2005. Ecología Vegetal de los Tepuyes. in: Michelangeli, A. (editor). *Tepuy: Colosos de la Tierra*. pp. 141-153. Altolitho, Caracas, Venezuela.

BOOK REVIEWS

- Michelangeli, F. A.** 2017. *Descriptive Taxonomy: The Foundation of Biodiversity Research*. Mark F. Watson, Chris H. C. Lyal, and Colin A. Pendry, eds. *The Systematics Association, Special Volume 84*. Cambridge University Press, Cambridge and New York. 324 p. + 8 pl. *The Quarterly Review of Biology* 92: 190.
- Michelangeli, F. A.** 2008. Cataloguing the Endemic Flora of Peru. *El Libro Rojo de las Plantas Endémicas del Perú*. León, B., J. Roque, C. U. Ulloa, N Pitman, P. M. Jørgensen, and A. Cano, editors. *Revista Peruana de Biología. Número Especial*. Universidad Nacional Mayor de San Marcos, Facultad de Ciencias Biológicas. Lima, Perú. 971 pp. *Conservation Biology* 22: 502-503.

- Michelangeli, F. A.** 2006. *Agustín Rudas Lleras & Adriana Prieto Cruz. 2005. Flórula del Parque Nacional Natural Amacayacu, Amazonas, Colombia. Monographs in Systematic Botany from the Missouri Botanical Garden* 99. *Brittonia* 58 (1): 90-91.
- Michelangeli, F. A.** 2005. *Thomas van der Hammen & Alice G. dos Santos, editors. 2003. La Cordillera Central Colombiana, Transecto Parque Los Nevados (Ultima parte). Studies on Tropical Andean Ecosystems* 5. *Brittonia* 57 (3): 296-297. [https://doi.org/10.1663/0007-196X\(2005\)057\[0295:BR\]2.0.CO;2](https://doi.org/10.1663/0007-196X(2005)057[0295:BR]2.0.CO;2)
- Michelangeli, F. A.** 2004. *Keller, Roland. 2003. Identification of Tropical Woody Plants in the Absence of Flowers: A Field Guide (2nd ed).* *Plant Science Bulletin* 50(3): 94-95

PREPRINTS AVAILABLE:

- Michelangeli, F. A.;** Almeda, F.; Goldenberg, R.; Penneys, D. S. 2020. A Guide to Curating New World Melastomataceae Collections with a Linear Generic Sequence to World-Wide Melastomataceae. Preprints 2020: 2020100203
<https://doi.org/10.20944/preprints202010.0203.v2>
- Lujan, M., R. Medina Lemos, E. Lucas, **F. A. Michelangeli**, G. Prance, T. Pennington, J. Rzedowski, E. Serpell, C. Sothers, A. Zuntini, D. Santamaría Aguilar. Trials and tribulations of Neotropical plant taxonomy: pace of tree species description.
<https://doi.org/10.1101/2023.09.05.556231>

MANUSCRIPTS SUBMITTED, IN REVIEW OR IN PRESS

- Riva-Regalado, S. G., & **F. A. Michelangeli**. *Blakea viridis* (Melastomataceae, Pyxidanthae), a new species from southern Peru. *Phytotaxa*: in review.
- Lucas, E., F. Mazine, S. Pironon, F. Forest, J. Boyko, T. Flores, P. Gaem, S. Graham, P. Hoch, M. I. U. Oliveira, D. Gonçalves, Y. W. Low, O. Maurin, **F. A. Michelangeli**, D. S. Penneys, C. Proença, G. Shimizu, A. Stadnik, A. H. Thornhill, I. M. Turner, K. Valdemarin, P. G. Wilson, T. Vasconcelos. The confluence of traits and environmental factors driving diversification and niche expansion in the globally distributed order Myrtales. *New Phytologist*: in review.
- Reginato, M., M. Köhler, L. C. Majure & **F. A. Michelangeli**. Phylogenomic use of low copy nuclear markers from genome skimming data: An example with Melastomataceae. *Taxon*: in review.
- Naranjo, A., W.S. Judd, G.M. Ionta, J.D. Skee, Jr., K.M. Neubig, **F. A. Michelangeli** & L. C. Majure. Patterns of endemism and ancestral areas of Hispaniolan melastomes (Melastomataceae) and the role of the Massif de la Hotte in shaping diversity. *Botanical Journal of the Linnean Society*: in review.
- Samra, K., **F. A. Michelangeli** & E. Lucas. Anisophylly is associated with climate in the Neotropical genus *Triolena* (Melastomataceae). *Biotropica*: in review.
- Bisewski, G. C. A., L. F. Bacci, J. K. Ziemmer, A. M. Amorim, **F. A. Michelangeli** & R. Goldenberg. A new species of *Bertolonia* with thickened stems, a rare feature in Melastomataceae living in dry areas. *Phytotaxa*: in review.
- Goldenberg, R., L. F. Bacci, R. C. Forzza, P. H. Labiak, H. Medeiros, **F. A. Michelangeli**, F. A. Obermüller, K. Ruokolainen, M. G. Sobral & M. K. Caddah. First record of *Alloneuron* (Cyphostyleae, Melastomataceae) for Brazil and other distributional updates for 26 species of Melastomataceae in the Brazilian Amazon. *Systematic Botany*: submitted.

- Goldenberg, R., R.Fernandez-Hilario & **F. A. Michelangeli**. When *Henriettella/Henriettea* meets *Loreya/Bellucia*: two new species of *Henriettea* from Northern Peru with pedunculate inflorescences. Botany Letters: submitted.
- Nery, E., M. K. Caddah, **F. A. Michelangeli** & A. Nogueira. Reproductive allocation can impose evolutionary constraints to plant growth in neotropical lineages. Plant Biology: submitted.

ELECTRONIC MEDIA

- Michelangeli, F. A.**, F. Almeda, R. Goldenberg, W. S. Judd, E. R. Becquer-Granados, & M. Tulig. 2009 onwards. PBI Miconieae: A complete web-based monograph of the tribe Miconieae (Melastomataceae). (<http://sweetgum.nybg.org/science/projects/melastomataceae>). The New York Botanical Garden, Bronx, NY.
- Giacomin LL, Rodrigues GA, Lima KSA, Sousa CVM, Luber J, Afonso EAL, Alves-Araújo A, Amorim AMA, André T, Antar G, Barbosa-Silva RG, Bigio NC, Caires CS, Cardoso PH, Cardoso DBOS, Carrijo TT, Couvreur T, Daly D, Delprete P, Dettke GA, Dias KN, Devecchi MF, Fernandes-Junior AJ, Ferreira CDM, Fiaschi P, Fraga CN, Frazão A, Forzza RC, Gil ASB, Goldenberg R, Gomez SEH, Lima HC, Lirio EJ, Lobão AQ, Lombardi JA, Lopes JC, Mansano VF, Marinho LC, Medeiros H, Mendes JCR, **Michelangeli F**, Mitchell J, Monzoli JVL, Nadruz MA, Oliveira MHV, Orlandini P, Paglia IP, Paula-Souza JP, Pederneiras LC, Peixoto AL, Perdiz R, Pereira A, Pinto RB, Rapini A, Roque N, Rossini J, Secco R, Shimizu G, Silva FA, Sobral M, Souza HBZ, Souza P, Toledo C, Torke B, Viana PL, Völtz R, Zuntini A, Almeida TE. 2022. Lista de espécies de plantas vasculares da Floresta Nacional do Tapajós. In: Catálogo de Plantas das Unidades de Conservação do Brasil. Jardim Botânico do Rio de Janeiro. <https://catalogo-ucs-brasil.jbrj.gov.br>
- Forzza RC, Colli-Silva M, Medeiros H, Obermüller FA, Lima HC, Queiroz LP, Morim MP, Gil ASB, Secco R, Lima DF, Almeida TE, Salino A, Delprete PG, Moraes PRL, Alves-Araújo AG, Viana PL, Lohmann LG, Pessoa EM, Cardoso D, Meneguzzo TEC, Coelho MN, Marinho LC, Fiaschi P, Carrijo T, **Michelangeli F**, Goldenberg R, Daly D, Mello-Silva R. 2020. Lista de espécies de plantas vasculares do Parque Nacional do Pico da Neblina. In: Catálogo de Plantas das Unidades de Conservação do Brasil. Jardim Botânico do Rio de Janeiro. <https://catalogo-ucs-brasil.jbrj.gov.br>
- Goldenberg, R., Baumgratz, J.F.A., **Michelangeli, F.A.**, Guimarães, P.J.F., Romero, R., Versiane, A.F.A., Fidanza, K., Völtz, R.R., Silva, D.N., Lima, L.F.G., Gonçalves, K.C., Bacci, L.F., Fontelas, J.C., Pacifico, R., Brito, E.S., Rocha, M.J.R., Caddah, M.K., Meirelles, J., Rosa, P., Ferreira-Alves, R., Santos, A.K.A., Moreira, K.V.C., Reginato, M., Oliveira, L.F.A., Freire-Fierro, A., Amorim, A.M.A., Martins, A.B., Koschnitzke, C., Almeda, F., Jesus, J.C., Hinoshita, L.K.R., Kriebel, R. 2020. Melastomataceae in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. Available at: <http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB161>
- Goldenberg, R., **F. A. Michelangeli** & F. Almeda. 2020. *Siphanthera* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. Available at: <http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB9870>

- Goldenberg, R., **Michelangeli, F. A.** 2020. *Dolichoura* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. <<http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB9461>>.
- Goldenberg, R., **Michelangeli, F. A.** 2020. *Eriocnema* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. <<http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB9464>>.
- Goldenberg, R., **Michelangeli, F. A.** 2020. *Lithobium* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. <<http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB100863>>.
- Goldenberg, R., **Michelangeli, F. A.** 2020. *Loricalepis* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. <<http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB79270>>.
- Goldenberg, R., **Michelangeli, F. A.** 2020. *Merianthera* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. <<http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB9663>>.
- Goldenberg, R., **Michelangeli, F. A.** 2020. *Monochaetum* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. <<http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB130782>>.
- Goldenberg, R., **Michelangeli, F. A.** 2020. *Pachyloma* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. <<http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB79306>>.
- Goldenberg, R., **Michelangeli, F. A.** 2020. *Votomita* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. <<http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB85546>>.
- Goldenberg, R., **Michelangeli, F.A.**, Almeda, F. 2020. *Bellucia* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. Available at: <<http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB19607>>.
- Goldenberg, R., **Michelangeli, F.A.**, Guimarães, P.J.F. 2020. *Chaetogastra* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. Available at: <<http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB603073>>.
- Hinoshita, L.K.R., Goldenberg, R., **Michelangeli, F. A.** 2020. *Heterotis* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. <<http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB138863>>.
- Michelangeli, F. A.** 2020. *Brasilianthus* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. <<http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB583453>>.
- Michelangeli, F. A.** 2020. *Maieta* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. <<http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB23704>>.
- Michelangeli, F. A.**, Goldenberg, R. 2020. *Appendicularia* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. <<http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB85199>>.
- Michelangeli, F. A.**, Goldenberg, R. 2020. *Centronia* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. <<http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB85209>>.
- Michelangeli, F. A.**, Goldenberg, R. 2020. *Conostegia* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. <<http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB9457>>.
- Michelangeli, F. A.**, Goldenberg, R. 2020. *Macrocentrum* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. <<http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB85321>>.
- Michelangeli, F. A.**, Goldenberg, R. 2020. *Neblinantha* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. <<http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB100862>>.

- Michelangeli, F. A.,** Goldenberg, R. 2020. *Opisthocentra* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro.
<<http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB85476>>.
- Michelangeli, F. A.,** Goldenberg, R. 2020. *Tateanthus* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. <<http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB104584>>.
- Michelangeli, F.A. & R. Goldenberg.** 2020. *Arthrostemma* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. Available at:
<<http://reflora.jbrj.gov.br/reflora/floradobrasil/FB23688>>.
- Michelangeli, F.A.** 2020. *Clidemia* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. Available at: <http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB9442>
- Michelangeli, F.A.** 2020. *Tococa* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. Available at: <<http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB19732>>
- Michelangeli, F.A.,** F. Almeda, R. Goldenberg. 2020. *Sandemania* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. Available at:
<<http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB23770>>.
- Michelangeli, F. A.** 2018. Melastomataceae. In: Guide to the genera of lianas and climbing plants in the Neotropics. P. Acevedo (ed).
<http://botany.si.edu/lianas/docs/Melastomataceae.pdf>
- Michelangeli, F. A. & E. R. Becquer-Granados** (2007 and ongoing). Melastomataceae. In: P. Acevedo-Rodriguez & M. T. Strong. (eds.). Catalogue of Seed Plants of the West Indies. <http://botany.si.edu/Antilles/WestIndies/>
- Renner, S. S., F. Almeda, C. Ulloa, **F. A. Michelangeli** & R. Goldenberg (2006 and ongoing) MelList, a complete taxonomy of Melastomataceae sensu lato (Myrtales, eurosids, flowering plants) for the Electronic Catalogue of Names of Known Organisms".
<http://www.melastomataceae.net>
- Almeda, F., H. Mendoza-Cifuentes, D.S. Penneys, **F. A. Michelangeli** & M. Alvear 2015-04-16. Melastomataceae. In: Bernal, R., S.R. Gradstein & M. Celis. 2015. Catálogo de plantas y líquenes de Colombia. Instituto de Ciencias Naturales, Universidad Nacional de Colombia, Bogotá. <http://catalogoplantasdecolombia.unal.edu.co/>
- Renner S. S. (lead editor), Triebel D. (information technology), Almeda F., Goldenberg R., Mendoza Cifuentes H., **Michelangeli F.A.**, Penneys D., Stone D., Ulloa C. 2012. MELnet: Melastomataceae.Net (version 1.0, May 2011). In: Species 2000 & ITIS Catalogue of Life, 30th April 2012 (Bisby F., Roskov Y., Culham A., Orrell T., Nicolson D., Paglinawan L., Bailly N., Appeltans W., Kirk P., Bourgoin T., Baillargeon G., Oubard D., eds). Digital resource at <http://www.catalogueoflife.org/col/>. Species 2000: Reading, UK. [no longer available]
- Michelangeli, F.A. & M. Reginato.** 2010. *Clidemia* (Melastomataceae) in Lista de Espécies da Flora do Brasil. Jardim Botânico do Rio de Janeiro.
(<http://floradobrasil.jbrj.gov.br/2010/FB009442>). [no longer available]
- Michelangeli, F.A.** 2010. *Maieta* (Melastomataceae) in Lista de Espécies da Flora do Brasil. Jardim Botânico do Rio de Janeiro. (<http://floradobrasil.jbrj.gov.br/2010/FB023704>). [no longer available]
- Michelangeli, F.A.** 2010. *Tococa* (Melastomataceae) in Lista de Espécies da Flora do Brasil. Jardim Botânico do Rio de Janeiro. (<http://floradobrasil.jbrj.gov.br/2010/FB019732>). [no longer available]

ABSTRACTS PUBLISHED & PRESENTATIONS IN CONGRESSES

invited symposium or round table.

* presented by the indicated co-author.

- Angulo, J. C.* , LP. Dagallier, L. F. Bacci, L. C. Majure, & **F. A. Michelangeli**. 2024. The role of phylogenetic niche conservatism and climatic niche divergence in ecologically diverse Andean *Miconia* (Melastomataceae). XX International Botanical Congress, Madrid, July 2024. P.1385 [poster].
- Ore-Rengifo, M.* , **F. Michelangeli**, N. Cellinese, L. C. Majure. 2024. Exploring the evolutionary complexity of *Chaetogastra* within the Andean Clade. [poster] XX International Botanical Congress, Madrid, July 2024. Abstract P.1392 [poster].
- Romeiro Brito, M.* , LP. Dagallier, M. Reginato, L. F. Bacci, N. Cellinese, G. Kadereit, R. Goldenberg, L. Liu, D. S. Penneys, M. C. Veranso-Libalah, L. Chen, R. Zhou, W. S. Judd, **F. A. Michelangeli** & L. C. Majure. 2024. A phylogenomic analysis of Melastomataceae: congruence and incongruence across genomes. XX International Botanical Congress, Madrid, July 2024. Abstract S.13.1. #
- Dagallier, LP.* , F. Almeda, L. Bacci, A. S. Dellinger, D. Fernández-Fernández, R. Fernandez Hilario, R. Goldenberg, H. Mendoza-Cifuentes, J. S. Murillo-Serna, C. Ulloa Ulloa, L. C. Majure, **F. A. Michelangeli**. 2024. Phylogenomics of the Merianieae (Melastomataceae) bring new perspectives for its systematics, biogeography and macroevolution. XX International Botanical Congress, Madrid, July 2024. Abstract S.13.4. #
- Goldenberg, R.* , B. Bastos, L. F. Bacci, T. Bochorny, M. Reginato, **F. A. Michelangeli**. 2024. Neotropical depauperons: from neglected small genera to strategically placed clades in Melastomataceae phylogenetic trees. XX International Botanical Congress, Madrid, July 2024. Abstract S.13.6. #
- Lazarus, B. S.* , A. Kerber, C. Arvelos, **F. Michelangeli**, A. S. Dellinger. 2024. Pollen release dynamics in morphologically distinct buzz-pollinated Melastomataceae flowers. XX International Botanical Congress, Madrid, July 2024. Abstract S.229.1. #
- Michelangeli, F. A.**, F. Almeda, L. Bacci, E. R. Bécquer, LP. Dagallier, W. S. Judd, R. Goldenberg, D. S. Penneys, M. Romeiro-Brito, L. C. Majure. 2024. Why we recognize big genera? The birth of a big genus, *Miconia* (Melastomataceae). XX International Botanical Congress, Madrid, July 2024. Abstract S.238.3. #
- Ore-Rengifo, M., **F. A. Michelangeli**, N. Cellinese & L. M. Majure. 2024. Exploring the evolutionary complexity of *Chaetogastra* DC. (Melastomataceae). Botany 2024, Grand Rapids, MI, June 2024. Abstract #A-541
- Romeiro Brito, M., LP. Dagallier, M. Reginato, L. F. Bacci, N. Cellinese, G. Kadereit, R. Goldenberg, D. S. Penneys, M. C. Veranso-Libalah, L. Chen, R. Zhou, W. Judd, **F. A. Michelangeli**, L. M. Majure. 2024. A phylogenomic analysis of Melastomataceae: congruence and incongruence across genomes. Botany 2024, Grand Rapids, MI, June 2024. Abstract #A-541
- Romeiro Brito, M., W. S. Judd, E. Becquer, **F. A. Michelangeli**, L. M. Majure. 2024. Uncovering the biogeography and diversification process within Greater Antilles focusing on the Chaenopleura clade (Miconeae: Melastomataceae). Botany 2024, Grand Rapids, MI, June 2024. Abstract #A-539
- Angulo, J.* , **F. A. Michelangeli**, L. C. Majure & LP. Dagallier. 2024. The roles of phylogenetic niche conservatism and climatic niche divergence in structuring the distribution of

- ecologically diverse Andean *Miconia* (Melastomataceae). Botany 2024, Grand Rapids, MI, June 2024. Abstract #A-58.
- Murillo-Serna, J. S.*, **F. A. Michelangeli**, J. Aguirre-Santoro & F. Alzate. 2023. Phylogeny, evolution and taxonomy of the neotropical genus *Graffenrieda* DC. (Melastomataceae: Meranieae). SSB Standalone Meeting 2023. Mexico City, Mexico. January 2023. P. 35.
- Paredes-Burneo, D.*, A. M. Bedoya, C. Ulloa Ulloa, L. Majure, **F. A. Michelangeli** & L. Lagomarsino. 2022. Phylogenomic analyses of *Brachyotum* (Melastomataceae) show multiple dispersals across the Huancabamba depression in the Andes. Botany 2022, Anchorage, AK. July 2022. Abstract #831.
- Angulo, J.*, J. Burke & **F. A. Michelangeli**. 2022. Characterizing a wide morphological spectrum of dioecy in neotropical *Miconia* (Melastomataceae). Botany 2022, Anchorage, AK. July 2022. Abstract #639.
- Bacci, L*. W. Judd, **F. A. Michelangeli**, N. Cellinese, J. D. Skean Jr. & L. Majure. 2022. The implementation of NGS in Melastomataceae: untangling the recent and rapid diversification of the *Miconia* sect. *Sagraeoides* (Melastomataceae) in the Greater Antilles. Anchorage, AK. July 2022. Abstract #620.
- Mercier, K.*, **F. A. Michelangeli** & A. Carnaval. 2022. Predicting the future with pawpaw, *Asimina reticulata*. Botany 2022, Anchorage, AK. July 2022. Abstract #615.
- Majure, L., L. Bacci, A. Naranjo, Eldis R. Becquer, J. D. Skean Jr., W. S. Judd & **F. A. Michelangeli**. 2022. Biogeography and diversification of the Caribbean Clade (Miconieae, Melastomataceae): a Cuban origin underlies one of the largest Antillean radiations. Botany 2022, Anchorage, AK. July 2022. Abstract #524.
- Bacci, L.*, N. Cellinese, **F. A. Michelangeli**, W. Judd, M. Reginato & L. Majure. 2021. A phylogenomics approach to resolving one of the world's most diverse, tropical angiosperm radiations: Melastomataceae. Botany 2021 Virtual!. Abstract #559. July 2021.
- Vasconcellos, M.L., S. Varela, M. Gehara, M. Reginato, A. C. Carnaval & **F. A. Michelangeli**. 2021. Evaluating the impact of historical climate and Pre-Columbian inhabitants in the Araucaria Forest of South America. Botany 2021 Virtual!. Abstract #821. July 2021.
- Penagos Zuluaga*, J. C., **F. A. Michelangeli** & S. Queenborough. 2021. Fruit shape is determined by ecology more than species phylogenetic relatedness in Neotropical Lauraceae. ATBC 2021 Virtual Meeting. July 2021.
- Bochorny, T.*, L. F. Bacci, M. Reginato, T. N. C. Vasconcelos, **F. A. Michelangeli** & R. Goldenberg. 2021. Contrasting diversification patterns in “sky islands”: a comparative approach in Cambessedesieae (Melastomataceae) from campo rupestre and campo de altitude. II Virtual Meeting of Systematics, Biogeography, and Evolution. June 2021 [poster].
- Vasconcellos, M. L.*, S. Varela, M. Gehara, M. Reginato, A. C. Carnaval & **F. A. Michelangeli**. 2021. Demographic history of Araucaria trees: merging population genomics, fossil data, and distribution models to evaluate the impact of historical climate and humans. Virtual Evolution 2021. June 2021.
- Paredes-Burneo, D.*, **F. A. Michelangeli** & L. Lagomarsino. 2020. Exploring what's behind taxonomical complexes: a case with *Brachyotum*. Botany 2020 – Virtual! Abstract #668.
- Reginato, M. & **F. A. Michelangeli**. 2020. Bioregions of eastern Brazil based on vascular plant occurrence data. Botany 2020. – Virtual! Abstract #456.

- Mercier, K. P*, M. M. Vasconcellos, E. G. A. Martins, J. R. Pirani, **F. A. Michelangeli**, A. C. Carnaval. 2019. Historical stability impacts population dynamics of two Brazilian palm tree species. *Evolution* 2019. Providence, RI, June 2019. [poster].
- Bacci, L. F.*#, A. M. Amorim, **F. A. Michelangeli**, & R. Goldenberg. 2018. Phylogeny and evolution of *Bertolonia* (Melastomataceae). XII Congreso Latinoamericano de Botánica. Octubre, 2018. Quito, Ecuador.
- Bochorny, T.*#, **F. A. Michelangeli**, F. Almeda, & R. Goldenberg. 2018. Phylogeny, morphology and circumscription of Cambessedesieae and Huberieae: new neotropical tribes of Melastomataceae. XII Congreso Latinoamericano de Botánica. Octubre, 2018. Quito, Ecuador. [poster].
- Dellinger, A. S.*#, S. Artuso, D. Fernández-Fernández, D. S. Penneys, **F. A. Michelangeli**, M. Alvear, F. Almeda, & J. Schönenberger. 2018. Cambios de polinizadores resultan en la reconstrucción de la flor. XII Congreso Latinoamericano de Botánica. Octubre, 2018. Quito, Ecuador.
- Michelangeli, F. A.** # 2018. Biogeografía de la familia Melastomataceae en el Neotrópico: paralelismos y diferencias. XII Congreso Latinoamericano de Botánica. Octubre, 2018. Quito, Ecuador.
- Michelangeli, F. A.**#, F. Almeda, R. Goldenberg, W. S. Judd, & E. R. Bécquer. 2018. Abordando el estudio de un grupo de alta diversidad en el neotrópico: el caso de la tribu Miconieae (Melastomataceae). XII Congreso Latinoamericano de Botánica. Octubre, 2018. Quito, Ecuador.
- Olivier, O.*#, Y. Bouchenak-Khelladi, G. Brewer, T. Charles-Dominique, S. Dodsworth, N. Epitawalage, D. Gonçalves, S. Graham, J. Kim, **F. A. Michelangeli**, G. Souza, F. Forest, W. Baker, & E. Lucas. 2018. Phylogenomics of Myrtales using an angiosperm-wide targeted enrichment approach: potential for systematic, evolutionary and ecological investigations. XII Congreso Latinoamericano de Botánica. Octubre, 2018. Quito, Ecuador.
- Paredes-Burneo, D.*#, A. Cano, & **F. A. Michelangeli**. 2018. Estado de conocimiento de la flora de la región Huancabamba: Melastomataceae en Piura-Perú. XII Congreso Latinoamericano de Botánica. Octubre, 2018. Quito, Ecuador.
- Penneys, D. S.*#, F. Almeda, **F. A. Michelangeli**, P. Fritsch. 2018. An updated overview of Melastomataceae phylogenetic relationships. XII Congreso Latinoamericano de Botánica. Octubre, 2018. Quito, Ecuador.
- Dellinger, A.*#, S. Artuso, D. Fernández-Fernández, D. S. Penneys, **F. A. Michelangeli**, M. Alvear, F. Almeda, Y. Staedler, & J. Schönenberger. 2018. Floral trait convergence and functional differentiation concomitant with pollinator shifts in Merianieae (Melastomataceae). II Joint Conference in Evolutionary Biology 2018. Montpellier-FR. August 19 to 22. Symposium-70 Floral evolution: breeding systems, pollinators, and beyond.
- Vasconcellos, M.*#, S. Varela, M. Reginato, A. C. Carnaval & **F. A Michelangeli**. 2018. Population genomics, distribution models, and fossil pollen data reveal the impact of past climate changes in the Araucaria Forest of southern Brazil. II Joint Conference in Evolutionary Biology 2018. Montpellier-FR. August 19 to 22. [poster].
- Michelangeli, F. A.**# 2018. Biogeografía y biología reproductiva de la familia Melastomataceae en el eje Amazonas – Andes. Simposio Avances en Biodiversidad y Conservación. Primer Centenario del Museo de Historia Natural-UNMSM. 25-27 de febrero de 2018. Lima – Perú.

- Reginato, M.*, R. Kriebel & **F. A. Michelangeli**. 2017. Macroevolutionary trends on floral morphology across two levels of phylogenetic diversity in the Melastomataceae. IX Congreso Colombiano de Botánica. Tunja, Boyaca, Agosto 2017.
- Aguirre-Santoro, J.*#, **F. A. Michelangeli**, D. W. Stevenson & N. R. Salinas. 2017. Biogeografía y evolución floral de bromelias en hotspots de biodiversidad neotropical. IX Congreso Colombiano de Botánica. Tunja, Boyaca, Agosto 2017.
- Ocampo Acosta, G.*, F. Almeda, F. **Michelangeli** & D. Penneys. 2016. Filogenética del clado Secundiflorae (Melastomataceae, Miconieae). XX Congreso Mexicano de Botánica. Ciudad de México, Mexico. September 2016. Abstract#1039.
- Burke, J. M.*, K. Grant & F. A. **Michelangeli**. 2016. Seven new species of *Miconia* (Melastomataceae) from the Andes. Botany 2016. Savannah, GA. July 2016. Abstract #709. [poster]
- Penneys, D. S.*, F. Almeda, P. W. Fritsch & **F. A. Michelangeli**. 2016. A revised classification of the Melastomataceae: implications for the biogeography and conservation of the flora of SE Asia. Flora Malesiana 10. Edinburgh. July 2016. Abstract # 137.
- Kandlikar, G*., M. C. Vaz, F. Almeda, G. Avalos, R. Cordero, **F. Michelangeli**, R. Kriebel, G. Vargas, N. Fetcher & N. J. B. Kraft. High phylogenetic but low functional turnover of melastomes along an elevational gradient. The 2015 Ecological Society of America Annual Meeting. Baltimore, MD. August 2015. Abstract # 57319 [poster]
- Penneys, D. S.*, F. Almeda, **F. A. Michelangeli** & P. W. Fritsch. 2015. Progress towards a revised classification of the Melastomataceae. Botany 2015. Edmonton, AL. July 2015. Abstract # 1211.
- Michelangeli, F. A.**, M. Reginato, M. K. Caddah & R. Goldenberg. 2015. Biogeographical patterns of the Melastomataceae of the Atlantic Forest. Botany 2015. Edmonton, AL. July 2015. Abstract # 1016.
- Aguirre-Santoro, J.*, **F. A. Michelangeli** & D. W. Stevenson. 2015. Systematics, biogeography, and morphological evolution of the Ronnbergia Alliance (Bromeliaceae), an undescribed clade within the Core Bromelioideae. Edmonton, AL. July 2015. Abstract # 1016.
- Michelangeli, F. A.**, F. Almeda, R. Goldenberg, W. Judd, J. D. Skee Jr., E. R. Becquer-Granados, A. N. Nicolas, J. M. Burke, M. K. Caddah, G. Ionta, D. S. Penneys, R. Kriebel, G. Ocampo, M. Reginato. 2014. Historical Biogeography of Neotropical forests: the role of active geology vs. stability in species diversity in the Miconieae (Melastomataceae). XI Congreso Latinoamericano de Botánica. Salvador, Bahia, Brasil. October 2014. [poster].
- Michelangeli, F. A.**, P. J. F. Guimaraes, F. Almeda, D. S. Penneys, R. Kriebel & K. Sosa. 2014. Phylogenetic relationships and distribution of New World Melastomeae (Melastomataceae). XI Congreso Latinoamericano de Botánica. Salvador, Bahia, Brasil. October 2014. [poster].
- Reginato, M.* & **F. A. Michelangeli**. 2014. Using elliptical fourier analysis and comparative methods to understand flower evolution in *Leandra* s. str. (Melastomataceae). XI Congreso Latinoamericano de Botánica. Salvador, Bahia, Brasil. October 2014. [poster].
- Reginato, M.* & **F. A. Michelangeli**. 2014. Historical Biogeography and climatic evolution of *Leandra* s. str. (Melastomataceae). XI Congreso Latinoamericano de Botánica. Salvador, Bahia, Brasil. October 2014. [poster].
- Caetano, A. P. S., J. P. Basso-Alves, R. Goldenberg, **F. A. Michelangeli**, P. A. Cortez, S. M. Carmello-Guerreiro, S. P. Teixeira. 2014. The outer ovule integument and Systematic significance in Melastomataceae. XI Congreso Latinoamericano de Botánica. Salvador, Bahia, Brasil. October 2014. [poster].

- Da Rocha, M. J. R*. & **F. A. Michelangeli**. 2014. A phylogenetic analysis of the Marcetia clade (Melastomataceae Juss.). XI Congreso Latinoamericano de Botánica. Salvador, Bahia, Brasil. October 2014. [poster].
- Ulloa Ulloa*, C., **F. A. Michelangeli** & K. Sosa. 2014. *Quipuanthus*, un nuevo género de Melastomataceae de las faldas orientales de los Andes de Ecuador y Perú. XI Congreso Latinoamericano de Botánica. Salvador, Bahia, Brasil. October 2014. [poster].
- Michelangeli, F. A.**, C. Ulloa Ulloa & K. Sosa. 2014. *Quipuanthus*, a new genus and species of Melastomataceae from the foothills of the Andes in Ecuador and Peru. Botany 2014. Boise, ID. Abstract # 111.
- Majure, L., W. S. Judd, G. M. Ionta, J. D. Skee, K. M. Neubig* & **F. A. Michelangeli**. 2014. Diversification and endemism of Greater Antillean Melastomataceae in the Massif de la Hotte, Haiti. Botany 2014. Boise, ID. Abstract # 296. [poster].
- Penneys, D. S*. F. Almeda, **F. A. Michelangeli**, P. Fritsch. 2013. A survey of remarkable evolutionary trends in the Melastomataceae. Botany 2013. New Orleans, LA. July 2013. Abstract # 316.
- Sosa, K.* , R. Kriebel, **F. A. Michelangeli** & P. J. Guimaraes. 2013. Androecium Evolution in the Melastomeae (Melastomataceae). Botany 2013. New Orleans, LA. July 2013. Abstract # 648.
- Michelangeli, F.A.**, A. Nicolas, M. Reginato, R. Kriebel, G. Ocampo, F. Almeda, W. Judd & R. Goldenberg. 2013. Biogeography of the tribe Miconieae (Melastomataceae) reveals a complex pattern of dispersal and repetitive colonization of new environments. Botany 2013. New Orleans, LA. July 2013. Abstract # 694.
- Majure, L, W. Judd*, G. Ionta, J. D. Skee Jr, E. R. Becquer, J. Burke, D. S. Penneys, G. Ocampo, M. Alvear, R. Goldenberg, F. Almeda & **F. A. Michelangeli**. 2013. Evaluating morphological evolution in tribe Miconieae (Melastomataceae): homoplasy is the rule not the exception. Botany 2013. New Orleans, LA. July 2013. Abstract # 300.
- Kriebel, R.* & **F. A. Michelangeli**. 2013. Phylogenetic study of *Conostegia* demonstrates the utility of anatomical and continuous characters in the systematics of the Melastomataceae. Botany 2013. New Orleans, LA. July 2013. Abstract # 584.
- Kriebel, R.* & **F. A. Michelangeli**. 2013. Syndromes within syndromes: floral diversification in buzz pollinated *Conostegia* (Melastomataceae, Miconieae). Botany 2013. New Orleans, LA. July 2013. Abstract # 607.
- Burke, J. M.* & **F. A. Michelangeli**. 2013. The ascent of divergent breeding systems: evolution of dioecy in *Miconia*. Botany 2013. New Orleans, LA. July 2013. Abstract # 180.
- Reginato, M.* & **F. A. Michelangeli**. 2013. The diversity and evolution of flower morphology in *Leandra s.str.* (Melastomataceae, Miconieae). Botany 2013. New Orleans, LA. July 2013. Abstract # 374.
- Michelangeli, F. A.**, N. Tiernan*, K. Watson & M. Tulig. 2013. The PBI Miconieae project website: towards complete web-based monograph of the tribe Miconieae (Melastomataceae). Botany 2013. New Orleans, LA. July 2013. Abstract # 689.
- Ocampo, G.* , R. C. Ribeiro, D. T. de Oliveira, R. Goldenberg, **F. A. Michelangeli** & F. Almeda. 2013. Using seed morphology to evaluate taxonomic and phylogenetic hypotheses in the Miconieae (Melastomataceae). Botany 2013. New Orleans, LA. July 2013. Abstract # 254.
- Aguirre-Santoro, J.* , **F. A. Michelangeli** & D. W. Stevenson. 2013. Systematics, Biogeography and Morphological Evolution of the Caribbean-endemic *Hohenbergia* subgenus *Wittmackiopsis* (Bromeliaceae). Botany 2013. New Orleans, LA. July 2013. Abstract # 444.

- Aguirre-Santoro, J.*, **F. A. Michelangeli** & D. W. Stevenson. 2013. Systematics and Biogeography of the Ronnbergia Clade (Bromeliaceae), a Case of Diversification Interconnecting Three Neotropical Biodiversity Hotspots. *Monocots V*. New York, NY. July 2013.
- Watson, K. A.*, N. M. Tiernan*, **F. A. Michelangeli** & M. Tulig. 2012. The PBI Miconieae project: A complete web-based monograph of the tribe Miconieae (Melastomataceae). The Society For The Preservation of Natural History Collections. Yale University, New Haven, CT. June 2012.
- Reginato, M*. & **F. A. Michelangeli**. 2012. Biogeography of *Leandra sensu stricto* (Melastomataceae): geographical range expansions, extinctions and the amphitropical pattern. *Botany 2012*. Columbus, OH. July 2012.
- Burke, J. M.*, A. Nicolas & **F. A. Michelangeli**. 2012. Escape from buzz-pollination: phylogeny and character evolution among Andean *Miconia* (Melastomataceae). *Botany 2012*. Columbus, OH. July 2012.
- Burke, J. M.*, & **F. A. Michelangeli**. 2012. *Miconia galeiformis* and *Miconia neei*; (Miconieae:Melastomataceae), two new species from Bolivia. *Botany 2012*. Columbus, OH. July 2012. [poster].
- Michelangeli, F. A.**, F. Almeda, R. Goldenberg, W. S. Judd, E. R. Bécquer-Granados, J. D. Skean Jr., D. S. Penneys, G. Ocampo, G. Ionta, M. K. Caddah, R. Kriebel, M. Reginato & A. Nicolas. 2011. A Phylogenetic Analysis of the Tribe Miconieae (Melastomataceae) Based on DNA Sequence Data from Nuclear and Plastid Loci. XVIII International Botanical Congress, Melbourne, Australia, July 2011. [e-poster].
- Caddah, M. K.*, R. Goldenberg, & **F. A. Michelangeli**. 2011. Taxonomic and phylogenetic studies on *Miconia* sect. *Glossocentrum* (Melastomataceae). *Botany 2011*. St. Louis, MO. July 2011.
- Kriebel, R*. & **F. A. Michelangeli**. 2011. Phylogeny of *Conostegia* (Melastomataceae) reveals multiple losses of herkogamy. *Botany 2011*. St. Louis, MO. July 2011.
- Michelangeli, F.A.** #, F. Almeda, R. Goldenberg, W. S. Judd, K. Watson, M. Tulig. 2010. El proyecto PBI Miconieae: avances para una monografía electrónica de la tribu Miconieae. X Congreso Latinoamericano de Botánica. La Serena, Chile. October 4-10, 2010.
- Sandino T.I.*, X. Marquinez, **F. A. Michelangeli**, M. E. Morales. 2010. Diferencias en la estructura del ovario en ocho especies de Melastomataceae. X Congreso Latinoamericano de Botánica. La Serena, Chile. October 4-10, 2010. [poster]
- Michelangeli, F.A.**, F. Almeda, R. Goldenberg, W. S. Judd, E. R. Becquer-Granados, D. Skean, D. S. Penneys, G. Ocampo, G. Ionta, M. K. Caddah, R. Kriebel, M. Reginato, A. Nicolas. 2010. Análisis filogenético de la tribu Miconieae (Melastomataceae). X Congreso Latinoamericano de Botánica. La Serena, Chile. October 4-10, 2010. [poster]
- Guimaraes, P. F., D. S. Penneys & **F. A. Michelangeli**. 2010. A phylogenetic analysis of Neotropical Melastomeae (Melastomataceae), with an emphasis on *Tibouchina*. *Botany 2010*. Providence, Rhode Island, July 2010.
- Ionta, G. M.*, W. S. Judd, A. Nicolas, & **F. A. Michelangeli**. 2010. Introduction to the Miconieae of the Greater Antilles: II. *Clidemia* sect. *Sagraea*. *Botany 2010*. Providence, Rhode Island, July 2010.
- Judd, W. S.*, G. M. Ionta, J. D. Skean Jr, E. R. Becquer-Granados, **F. A. Michelangeli**. 2010. Introduction to the Miconieae of the Greater Antilles: I. Major clades. *Botany 2010*. Providence, Rhode Island, July 2010.

- Penneys, D. S.*, F. Almeda & **F. A. Michelangeli**. 2010. Progress towards a comprehensive phylogenetic analysis and revised classification of the Melastomataceae. Botany 2010. Providence, Rhode Island, July 2010.
- Kriebel, R.* & **F. A. Michelangeli**. 2010. A survey of floral symmetry and herkogamy in the tribe Miconieae (Melastomataceae). Botany 2010. Providence, Rhode Island, July 2010.
- Mater, H. K.*, K. H. Huish & **F. A. Michelangeli**. 2009. Towards a Photographic Seed Atlas of the Tribe Miconieae (Melastomataceae). Botany 2009. Snowbird, Utah, July 2009 [poster].
- Michelangeli, F. A.**, F. Almeda, R. Goldenberg, W. S. Judd, & M. Tulig. 2009. The PBI Miconieae project: A complete web-based monograph of the tribe Miconieae (Melastomataceae). Botany 2009. Snowbird, Utah, July 2009.
- Almeda, F., M. Alvear*, D. S. Penneys, & **F. A. Michelangeli**. 2009. Colombia, a major center of diversity for neotropical Melastomataceae. Botany 2009. Snowbird, Utah, July 2009 [poster].
- Michelangeli, F. A.** #, M. E. Morales, H. David, A. Amorim & R. Goldenberg. 2008. Phylogenetic position of the tribe Cyphostyleae and the genus *Physeterostemon* within the Melastomaceae: Understanding fruit evolution and homologies. XXVII Meeting of the Willi Hennig Society. Tucumán, Argentina, October 2008.
- Goldenberg, R.*, D. S. Penneys, F. Almeda, W. S. Judd & **F.A. Michelangeli**. 2008. Phylogeny of *Miconia* (Melastomataceae): patterns of stamen diversification in a megadiverse Neotropical genus. XXVII Meeting of the Willi Hennig Society. Tucumán, Argentina, October 2008.
- Michelangeli, F. A.**, M. E. Morales, H. David, A. Amorim & R. Goldenberg. 2008. Fruit evolution and phylogenetic position of the tribe Cyphostyleae and the genus *Physeterostemon* within the Melastomaceae. Botany 2008. Vancouver, BC, July 2008.
- Varassin, I. G., D. S. Penneys & **F. A. Michelangeli**. 2007. Comparative anatomy and morphology of nectar-producing Melastomataceae. Botany 2007. Chicago, IL, July 2007.
- Michelangeli, F. A.** #, W. S. Judd, R. Goldenberg, D. S. Penneys, J. D. Skean Jr., C. V. Martin & E. R. Becquer. 2007. Análisis filogenético de la tribu Miconieae (Melastomataceae): ¿Caos polifilético o luz al final del túnel?. IV Congreso Colombiano de Botánica, April 2007, Medellín, Colombia.
- Martin, C. V., D. Little & **F. A. Michelangeli**. 2006. A preliminary phylogenetic analysis of the polyphyletic genus *Leandra* Raddi Miconieae, Melastomataceae. Botany 2006. Chico, CA, August 2006.
- Michelangeli F. A.** #, W. Judd, D. Penneys, J. D. Skean, E. R. Becquer, R. Goldenberg & C. V. Martin. 2006. La tribu Miconieae (Melastomataceae) en las Antillas: múltiples eventos de dispersión y radiación. IX Congreso Latinoamericano de Botánica. Santo Domingo, Republica Dominicana. 18-25 June 2006.
- Doria, G*., L. Kelly & **F. A. Michelangeli**. 2006. Dientes teoides en Ericales: ¿Una sinapormorfía para el orden? IX Congreso Latinoamericano de Botánica. Santo Domingo, Republica Dominicana. 18-25 June 2006 [poster].
- Michelangeli, F. A.** #, R. Goldenberg, W. Judd, D. S. Penneys, C. V. Martin, J. D. Skean Jr, & E. Becquer. 2005. Estudos Filogenéticos em Miconieae (Melastomataceae). 56 Congresso Nacional de Botânica. Curitiba, Brasil. October 2005.
- Martin, C. V.* & **F. A. Michelangeli**. 2005. A Preliminary Phylogenetic study of the polyphyletic genus *Leandra* (Miconieae: Melastomataceae), based on DNA sequence data. XVII International Botanical Congress. Vienna, Austria. July 2005. [poster].

- Michelangeli, F. A.** & D. Wm. Stevenson. 2004. Comparative morphology, anatomy and development of ant-domatia in Neotropical Melastomataceae. Botany 2004 August 2004, Snowbird, Utah.
- Penneys, D. S*, **F. A. Michelangeli**, W. Judd & J. D. Skean Jr. 2004. Henrietteae, a new tribe of Neotropical Melastomataceae. Botany 2004. August 2004, Snowbird, Utah.
- Michelangeli, F. A.** 2004. Evolution of myrmecophytism in Neotropical Melastomataceae: cues from phylogenetic, and anatomical data. Meeting of the Association for Tropical Biology and Conservation. July 2004. Miami, Florida.
- Almeda, F., R. Goldenberg, **F. A. Michelangeli**, D. S. Penneys & S. S. Renner*. 2003. Progress in *Miconia* (Melastomataceae): 1531 names, 1061 readily distinguishable entities. Systematics 2003. 4th Biennial Meeting of the Systematics Association. August 18-23, 2003. Dublin, Ireland.
- Petersen, G*, O. Seberg, J. I. Davis, D. Wm. Stevenson, L. M. Campbell, J. V. Freudenstein, D. H. Goldman, C. R. Hardy, **F. A. Michelangeli**, M. P. Simmons & C. D. Specht. 2003. Mitochondrial data in monocot phylogenies. Monocots III/Grasses IV. March 2003. Rancho Santa Ana, California.
- Michelangeli, F. A.** # 2002. Integrando moléculas y morfología; iluminación recíproca en el estudio de la tribu Miconieae (Melastomataceae). III Congreso Latinoamericano de Botánica. October 2002, Cartagena, Colombia.
- Michelangeli, F. A.** 2002. Phylogenetic relationships in the Miconieae: Evidence from morphological and ITS sequence data. August 2002, Madison, Wisconsin.
- Michelangeli, F. A.**, J. I. Davis and D. Wm. Stevenson. 2002. Phylogenetic studies in the Poales: A combined analysis of morphological, sequence and chloroplast structure data. August 2002, Madison, Wisconsin.
- Michelangeli, F. A.** 2001. Fruit dispersal and character evolution in the Neotropical genus *Tococa* (Melastomataceae). Botany 2001, Botanical Society of America. August 2001, Albuquerque New Mexico (Abstracts).
- Davis, J. I*, D. Wm. Stevenson, L. Campbell, D. Goldman, C. Hardy, **F. Michelangeli**, M. Simmons, and C. Specht 2001. Phylogenetic relationships among the monocots, as inferred from morphology and nucleotide sequence variation in three genera. Botany 2001, Botanical Society of America. August 2001, Albuquerque New Mexico (Abstracts).
- Michelangeli, F. A.** 2000. Ant-protection against herbivory and evolution of myrmecophytism in the genus *Tococa* (Melastomataceae). Botany 2000, Botanical Society of America. August 2000, Portland, Oregon (Abstracts).
- Michelangeli, F. A.** 1999. A morphological cladistic analysis of *Tococa* Aublet (Melastomataceae). XVI International Botanical Congress. 1-7 August 1999. Saint Louis, Missouri. [poster].
- Michelangeli F.A.** 1997. Systematics of the genus *Tococa*, Aublet (Melastomataceae). American Journal of Botany, 84 (6, supplement):217. (Abstract).
- Garcia, E.A.*, **F.A. Michelangeli**, F. Michelangeli and E. Rodríguez. 1996. Ant-Plant Interactions in the understory Melastomataceae of two Neo-Tropical rain forests. XXIII Annual SACNAS Conference. Los Angeles. October 1996.
- Michelangeli F.A.** 1994. Some Ecological aspects of the Lithobiomes of the Roraima Tepui. 15th International Congress of Soil Science. Symposium on Soils and Biodiversity. Acapulco, México. Julio 1994.

Michelangeli F.A. 1993. Caracterización de Islas de Vegetación Sobre Roca en el Cerro Roraima, Edo. Bolívar II: Relaciones Especies-Area. XLIII Convención Anual de Asovac. 14 al 19 de Noviembre de 1993. U.L.A. Mérida.

Michelangeli F.A. 1993. Caracterización de Islas de Vegetación Sobre Roca en el Cerro Roraima, Edo. Bolívar I: Características Generales y Composición Florística. XLIII Convención Anual de Asovac. 14 al 19 de Noviembre de 1993. U.L.A. Mérida.

Michelangeli F.A., and Z. Fernandez. 1992. Relación entre la Vegetación y Comunidades de Coleopteros de la Gran Sabana. XLII Convención Anual de Asovac. 15 al 20 de Noviembre de 1992, Facultad de Medicina, U.C.V. Caracas.

Herrera, A.M., **F. Michelangeli**, J. Nassar, J.P. Rodriguez* and D. Torres. 1992. The Spectacled Bear of the Sierra Nevada National Park, Venezuela. *in*: Ninth International Bear Conference, Missoula, Montana. March 1992.

INVITED TALKS (excluding meetings and congresses)

September 2024. O papel dos herbários na taxonomia moderna e na biologia evolutiva. XX Simposio de Botânica. Universidade Federal do Parana, Curitiba, Brazil.

September 2024. Taxonomia e sistemática de Melastomataceae: O que mudou nos últimos 15 anos. XX Simposio de Botânica. Universidade Federal do Parana, Curitiba, Brazil.

May 2024. Tropical Botany course organized by Florida International University and University of Florida at the

May 2022. Endemism and adaptations in the flora of the lost world. Smithsonian Botanical Symposium: Life on the Edge: Exceptional Plants in Exceptional Places.

March 2021. Leveraging botanical specimens in biodiversity research: from alpha taxonomy to community patterns in Melastomataceae. Botany Seminars, a joint seminar of the section Systematics, Biodiversity & Evolution of Plants, the Botanische Staatssammlung München and the Botanical Garden München-Nymphenburg (delivered via web conference).

March 2021. Taxonomy and Floristics of Melastomataceae: where are we and where are we going? Melastome virtual seminar. <https://melastomeseminars.weebly.com>

September 2020. Colectas, colecciones y catálogos como bases de nuestro conocimiento de la biodiversidad. 1era. Reunión Científica de la Asociación para la Botánica del Perú. Virtual Meeting hosted by the Asociación para la Botánica del Perú.

February 2020. Leveraging botanical specimens in biodiversity research: from alpha taxonomy to community patterns. Fordham University.

October 2019. Patterns of diversity in Eastern Brazil using specimen locality data. Universidade Federal do Parana, Curitiba, Brazil.

October 2019. Population and range dynamics of *Araucaria angustifolia*: a multidisciplinary approach. Universidade Federal do Parana, Curitiba, Brazil.

January 2019. Taxonomía y Sistemática de la familia Melastomataceae en Perú. Taller Botánico: Resolviendo el nudo de la identificación botánica en parcelas permanentes. Oxapampa, Peru.

March 2017. Specimens as the base of evolutionary biology research: lessons from Neotropical Melastomataceae. Rancho Santa Ana Botanical Gardens, Claremont, CA.

May 2016. Monographic work in the 21st Century: Lessons from the Planetary Biodiversity Inventory Miconieae Project. Torrey Botanical Society. New York, NY.

March 2016. Sistemática y taxonomía de la familia Melastomataceae en Peru. Oxapampa, Peru.

- February 2015. The assemblage of Neotropical Floras: a phylogenetic perspective. Tropical Biology Symposium. Fairchild Tropical Botanical Garden, Miami, FL [keynote speaker].
- February 2015. A phylogenetic perspective to an ecological question: The assemblage of Neotropical Floras. Bioforum 2015. UNICAMP, Campinas, Brazil.
- December 2013. The PBI-Miconieae Project: beyond alpha taxonomy and specimen data. Field Museum of Natural History. Chicago, IL.
- November 2013. Colaboración e integración en la carrera del botánico. Facultad de Biología, Universidad de La Habana, Cuba.
- November 2013. The PBI-Miconieae Project: beyond alpha taxonomy and specimen data. American Museum of Natural History, New York, NY.
- June 2012. Sistemática, biogeografía y evolución de la tribu Melastomeae en el Neotrópico. Museo de Historia Natural de la Universidad Nacional Mayor de San Marcos. Lima, Peru.
- March 2012. El proyecto PBI Miconieae. Ejemplo de un proyecto en equipo para la realización de una monografía electrónica. Museo de Historia Natural de la Universidad Nacional Mayor de San Marcos. Lima, Peru.
- December 2010. The role of field work in modern systematics; planes, trains and automobiles (plus other modes of transportation) in search of neotropical Melastomataceae. Torrey Botanical Society. New York, NY.
- November 2010. Integrating phylogenetic analyses, morphological evolution, and alpha taxonomy in Neotropical Melastomataceae. Wake Forest University, Winston-Salem, NC.
- June 2010. Sistemática y taxonomía de las Melastomataceae neotropicales. Instituto de Ciencias Naturales, Universidad Nacional de Colombia. Bogotá, Colombia,
- June 2010. Sistemática y taxonomía de las Melastomataceae neotropicales Universidad de Antioquia. Medellín, Colombia.
- August 2009. Avances en la sistemática y taxonomía de las Melastomataceae neotropicales. Fundación Instituto Botánico de Venezuela. Caracas, Venezuela.
- January 2009. Integrating phylogenetic analyses, evolution, and alpha taxonomy in the Melastomataceae. Rancho Santa Botanical Garden. Pomona, CA.
- February 2008. Evolution in Neotropical glory bushes (Melastomataceae): what have we learned from phylogenies? New Mexico State University, Las Cruces, NM.
- May 2007. Relaciones planta-hormiga en la familia Melastomataceae. Universidad Autónoma René Grabiél Moreno, Santa Cruz, Bolivia.
- November 2005. Combinando sistemática, anatomía y ecología en el estudio de la evolución. Departamento de Biología. Universidad de Carabobo. Valencia, Venezuela.
- April 2005. Evolution of Ant-Plant Relationships: Combining Phylogenetic, Anatomical and Ecological Data in Neotropical Melastomataceae. City College. City University of New York, New York, NY
- March 2005. Systematics of Miconieae, Melastomataceae, and the evolution of neotropical ant-plant relationships. Department of Plant Biology. Cornell University. Ithaca, NY
- February 2005. Evolution of Ant-Plant Relationships in Neotropical Melastomataceae: Combining Phylogenetic, Anatomical and Ecological Data. Lehman College. City University of New York, Bronx, NY
- November 2004. Evolution of biological defenses against herbivores. Florida International University. Miami, FL.

- October 2004. Ant-plant relationships in Neotropical Melastomataceae: combining phylogenetic, anatomical and ecological data. Harvard University Herbaria Seminar Series. Cambridge, MA.
- February 2004. Ecology and Evolution of ant-plant associations in *Tococa* (Melastomataceae). Fairchild Tropical Gardens Research Center. Coral Gables, FL.
- April 2003 Evolution of myrmecophytism: the history of plant animal interactions among melastomes and their ant inhabitants. Seminars in Systematic Biology series. American Museum of Natural History, New York, NY
- April 2002. Phylogenetics and character evolution in the myrmecophytic genus *Tococa*. Department of Botany, Field Museum of Natural History. Chicago, IL.
- January 2002. Biology, endemism and conservation of the Guayana Highlands. Columbus Science Center (COSI). Columbus, OH
- August 2001. Endemic biota of the Lost Worlds. New Mexico Museum of Natural History. Albuquerque, NM.
- February 2001. Systematics Ecology and Evolution of *Tococa* (Melastomataceae). Rutgers University. New Brunswick, NJ.
- June 2000. Relaciones planta-hormiga en las Melastomataceae. Instituto de Biología experimental. Facultad de Ciencias. Universidad Central de Venezuela. Caracas, Venezuela.
- April 1999. Evolución de Mirmercofitismo en *Tococa* Aublet (Melastomataceae): Un estudio Ecológico y Filogenético. Departamento de Ecología, Instituto Venezolano de Investigaciones Científicas. Caracas, Venezuela.

STUDENT AND POSTDOCTORAL ADVISING

Ongoing

- Advisor for Kate Samra, (topic to be determined). Ph. D program in Biology, The Graduate Center, City University of New York & The New York Botanical Garden.
- Advisor for Juan Angulo. Biotic and abiotic factors in speciation of Andean *Miconia* (Melastomataceae). Ph. D program in Biology, The Graduate Center, City University of New York & The New York Botanical Garden.
- Co-advisor for Wilder Carmenate Reyes. Sistemática y Taxonomía de *Henriettea* en las Antillas (Melastomataceae, Henrietteae). Ph. D. program, Universidad de la Habana, Havana, Cuba.
- Co-advisor for Jhon Steven Murillo-Serna. Master's program at the Universidad de Antioquia, Medellin, Antioquia, Colombia.
- Co-advisor for Robin Fernández Hilario. Sistemática e Taxonomia do clado *Meriania-Axinaea* (Melastomataceae). Ph. D. program. Universidade Federal de Paraná, Curitiba, Paraná, Brazil.
- Co-Advisor for Rodolfo Ferreira Alves. Phylogeny and taxonomic revision of *Miconia octona* and *Miconia strigillosa* clades (Melastomataceae, Miconieae). Ph. D. program. Universidade Federal de Paraná, Curitiba, Paraná, Brazil.
- Doctoral Committee member for: John Mwhiki* (City University of New York, Graduate Center) Carolyn Flynn* (City University of New York, Graduate Center), Fabio Andres Avila* (City University of New York, Graduate Center), Simon Verlynde* (City University of New York, Graduate Center), Kathryn Mercier* (City University of New York, Graduate

Center), Luo Chen (Ludwig-Maximilians Universität München), Malu Ore Rengifo (University of Florida), Diego Paredes Burneo (Louisiana State University).

*I serve as chair of their thesis committee, a CUNY-specific role separate from that of advisor.

Concluded Undergraduate Theses

Co-advisor for Jhon Steven Murillo Serna, undergraduate thesis in Biology. 2020. Sinopsis del género *Graffenrieda* DC. (Melastomataceae, Merianieae) en Colombia. Notas nomenclaturales, taxonómicas y geográficas. Universidad de Antioquia, Medellín, Colombia

Advisor for Karla Sosa, Undergraduate Thesis, Columbia University, 2013. Androecium Evolution in a group of Neotropical plants: The Melastomeae (Melastomataceae).

Concluded MSc Theses

Co-advisor for Kate Samra. Master of Science, Plant & Fungal Taxonomy, Diversity & Conservation, 2023. A new species, synoptic checklist, and ecological analysis of anisophylly in the Neotropical tribe Trioleneae (Melastomataceae). Queen Mary University, London & Royal Botanic Gardens, Kew.

Co-advisor for Robin A. Fernández Hilario. Master of Science, 2021. Revision of the genus *Meriania* (Melastomataceae) in Peru. Universidade Federal de Paraná, Curitiba, Brazil.

Advisor for Maria Gavrutenko. Ms. Sc. 2018. Evolution of Floral Morphology and Symmetry in the Miconieae (Melastomataceae). The City College of New York.

Co-advisor for Támara Sandino, Ms. Sc. 2011. Anatomía y morfología comparada del desarrollo del ovario y fruto en la tribu Cyphostyleae (Melastomataceae), y su interpretación en un contexto filogenético. Universidad Nacional de Colombia, Bogotá.

Concluded PhD Theses

Co-advisor for Lucas de Freitas Bacci. Ph. D. 2019. Filogenia molecular, biogeografía e evolução de *Bertolonia* (Melastomataceae: Bertolonieae). Universidade Estadual de Campinas & The New York Botanical Garden.

Co-advisor for Thuane Bochorny de Souza Braga. Ph. D. 2019. Filogenia, biogeografía e evolução do clado *Merianthera* e afins (Melastomataceae). Universidade Estadual de Campinas & The New York Botanical Garden.

Advisor for Julián Aguirre, Ph.D. 2015. Systematics and evolution of the Ronnbergia Alliance (Bromeliaceae): history of disjunct diversification in three biodiversity hotspots of the Neotropics. The Graduate Center, City University of New York & The New York Botanical Garden.

Co-advisor for Julia Meirelles. Ph. D. 2015. Filogenia de *Miconia* seção *Miconia* subseção *Seriatiflorae* e revisão taxonômica do clado albicans (Melastomataceae, Miconieae). Universidade Estadual de Campinas & The New York Botanical Garden.

Advisor for Ricardo Kriebel. Ph. D. 2014. Phylogeny, taxonomy and morphological evolution in *Conostegia* (Melastomataceae: Miconieae). The Graduate Center, City University of New York & The New York Botanical Garden.

Advisor for Marcelo Reginato. Ph. D. 2014. Systematics and evolution of *Leandra* s.str. (Melastomataceae: Miconieae). The Graduate Center, City University of New York & The New York Botanical Garden.

- Co-advisor for Fabricio S. Meyer. Ph. D. 2016. Estudos Sistemáticos no clado de Brachyotum e gêneros aliados (Melastomataceae: Melastomeae). Universidade Estadual de Campinas & The New York Botanical Garden.
- Co-advisor for Miriam Kaehler, Ph. D. 2011. “Revision, phylogeny, evolution and biogeography of *Lundia* DC. (Bignoniaceae, Bignoniaceae)”, Universidade de São Paulo & The New York Botanical Garden.
- Co-advisor for Claire Martin, Ph. D. 2006. “Systematics and Taxonomy of *Leandra* (Melastomataceae), and revision of *Leandra* section *Tschudya*”, Musee Nationale Histoire Naturelle, Paris & Kade Fellow at The New York Botanical Garden.

Concluded Postdoctoral Advising

- Léo-Paul Dagallier (March 2022-March 2024).
- Juan Carlos Penagos: March 2020-August 2022 (Co-advised with Simon Queenborough, Yale University).
- Mariana D. Vasconcellos (June 2016-May 2019; Co-advised with Ana C. Carnaval, City College)
- Marcelo Reginato (November 2014-October 2017)
- Miriam Kaehler (August 2015- July 2016)
- Janelle M. Burke (September 2011-August 2013)
- Antoine Nicolas (July 2009-August 2011)
- Paulo J. F. Guimaraes (December 2009-December 2010)
- Renato Goldenberg (August 2006-February 2007)
- Isabela G. Varasin (August 2006-February 2007).

Doctoral Committee member for (defense date, University; Thesis title):

- Natalia Quinteros (2023, City University of New York, Graduate Center), Megan Sullivan (2023, Yale, Forestry and Environmental Sciences; Selective Logging Across Life Stages And Recovery Time In A Congo Basin Tropical Forest), Fernando Matos (2015, CUNY; Systematic Studies of *Elaphoglossum* section *Polytrichia*); Donald McClelland (2012, CUNY; Systematics and taxonomy of *Solanum* sections *Dunaliana* and *Irenosolanum* (Solanaceae)); Adriana Sanchez (2010, Wake Forest University; Evolutionary relationships in Polygonaceae with emphasis on *Triplaris*), Alejandra Vasco (2009, CUNY; Systematics and phylogeny of *Elaphoglossum* section *Lepidoglossa* (Dryopteridaceae); Ratnakar Vallabhaneni (2009, CUNY; Carotenogenesis in Maize Endosperm: Natural genetic variation as a tool for predictive metabolic engineering), Michael Sundue (2008, CUNY; Systematics of grammitid ferns (Polypodiaceae): Using a combined approach to resolve the circumscription of *Melopmene*, and portions of the polyphyletic genera *Lellingeria* and *Terpsichore*), Todd Osmudsson (2008, Columbia University; Systematic, biogeographical, and ecological perspectives on the diversity and conservation of microbial obligate symbionts, using mycorrhizal boletes (fungi) as exemplar taxa), Paola Pedraza (2007, CUNY; Systematics and phylogeny of the Andean blueberry *Disterigma* (Ericaceae: Vaccinieae)).

- External reviewer for the following doctoral dissertations:** Vinicius Lourenço Garcia de Brito, “Estratégia reprodutivas em Melastomataceae: estudos de caso com diferentes abordagens”, Universidade Estadual de Campinas, Brazil February 2015; Maria Eugenia Morales,

“Análisis filogenético de *Huillaea* Wurdack (Melastomataceae) basado en datos morfológicos y moleculares”, Universidad Nacional de Colombia, Bogotá, Colombia. August 2010; Eldis Becquer-Granados, “Taxonomía y filogenia del genero *Pachyanthus* (Melastomataceae; Miconieae)”, Universidad de la Habana, Cuba, May 2008; Leif Schulman, “Taxonomy, Chorology, Speciation and Conservation in a Heterogeneous Amazonia: Case-studies in the Flowering-Plant Family Melastomataceae”, Turku University, Turku, Finland. August 2003.

External reviewer for the following Master of Science thesis: Juliana Klostermann Ziemmer, Anatomia do caule do *Merianthera burllemarxii* Wurdack (Melastomataceae), Universidade Federal de Parana, 2016.

Graduate student interns hosted at NYBG: Marcelo Reginato (November-December 2009; M. Sc. 2009; Systematics and Taxonomy of *Pleiochiton* (Melastomataceae: Miconieae)), Universidade Federal do Parana; Maria Eugenia Morales (November-December 2009; Ph. D. 2010; Sistemática y Filogenética de *Cyphostyla* y *Allomaieta* (Melastomataceae)) Universidad Nacional de Colombia; Mayara K. Caddah (Jun 2010-Aug 2011; Ph. D. 2013; Estudos taxonômicos e filogenéticos em *Miconia* sect. *Discolor* (Melastomataceae, Miconieae)), Universidade Estadual de Campinas; Fernanda Santos Silva (2013-2014; Ph. D. 2015, Delimitação do complexo de táxons reófitos de *Dyckia* (Bromeliaceae-Pitcarnioideae)), Jardim Botânico de Rio de Janeiro; Maria Jose Reis da Rocha (Jul 2013-Feb 2014; Ph. D. 2015, Filogenia e taxonomia de Melastomeae: clado Marcetieae (Melastomataceae Juss.)), Universidade Federal de Minas Gerais, Belo Horizonte; Ana Paula Caetano (Sep-Nov 2013; Ph. D. 2014, Endotécio cristalífero em Melastomataceae), Universidade Estadual de Campinas; Rafaella Cardoso Ribeiro (Aug 2014-Mar 2015; Ph. D. 2016; Anatomy, evolution and dispersal fruit and seeds of Melastomataceae Juss.), Universidade Federal de Minas Gerais, Belo Horizonte; Eduardo Leal (Aug 2016-Feb 2017; Ph. D. 2018; Systematics and Phylogenetics of Cyclanthaceae), Universidade de Sao Paulo; Laura Afonso (Sep. 2022-February 2023; Seed morphology and anatomy of Galipeae, Rutaceae), Universidade de Sao Paulo, Riberão Preto; Matheus Colli-Silva (Sep. 2022-January 2023; Systematics and Taxonomy of *Theobroma* and *Herrania*, Malvaceae) Universidade de Sao Paulo; Beatriz Valente (Nov 2022-February 2023; Systematics and Taxonomy of the Oxymyeris clade, Miconieae, Melastomataceae) Escola Nacional de Botânica Tropical, Jardim Botânico do Rio de Janeiro; Diego Nunes da Silva (Systematics and Taxonomy of Marcetieae (Melastomataceae) with emphasis on *Ernestia*, *Comolia* and *Macairea*) Escola Nacional de Botânica Tropical, Jardim Botânico do Rio de Janeiro.

Undergraduate and High School Interns: Maliha Mehjabin, Brooklyn Tech High School, Spring 2024; Evelyn Soh, Hunter College High School, Spring 2023; Sophia Scheumak, Taft School (high school), Summer 2021; Sereene Korzum, Fordham University (undergraduate), Fall 2017-Spring 2018; Crystal Garcia, The Lawrenceville School (high school), Summer 2016; Mariel Cruz, Universidad Pedagógica y Tecnológica de Colombia (undergraduate), Summer 2015; Estefania Montero, Universidad Central de Venezuela (undergraduate), Summer 2012; Karla Sosa, Columbia University

(undergraduate), Spring 2012, Joanna Giza, Hunter College (undergraduate) Summer 2001-Winter 2002.

TEACHING EXPERIENCE

Vascular Plant Taxonomy (lecture and lab), The Graduate Center, City University of New York. (Co-taught with Kate Armstrong, Fall 2022, 2024; Co-taught with Larry Kelly, Fall 2019, 2009, 2007).

Systematics, Taxonomy and Evolution of Melastomataceae. Universidade Federal do Parana, Curitiba, Brazil. September 2024. [five-day intensive course co-organized with Renato Goldenberg, Lucas Majure & Mayara Caddah].

Guest Lecturer. Seminar in Special Topics Bio79302, The Graduate Center, City University of New York. Fall 2023 (coordinated by Renuka Sankaran).

Guest Lecturer. Seminar in Special Topics Bio79302, The Graduate Center, City University of New York. Spring 2023 (coordinated by Amy Ikui and Renuka Sankaran).

Tropical Field Botany. Yale School of the Environment, Yale University. Spring 2023.

Workshop on Ecology and Taxonomy of insects and plants. Centre for the Study of Biological Diversity, University of Guyana. January 2023. (co-taught with Andrew Short [University of Kansas], Peter Willadsen [University of Kansas] and Jessica Ware [American Museum of Natural History]).

Vascular Plant Taxonomy (lecture and lab), The Graduate Center, City University of New York.

Tropical Field Botany. School of Forestry and Environmental Studies, Yale University. Spring 2019, 2017, 2015, 2013, 2011, 2010, 2008, 2006 (Co-taught with Larry Kelly).

Pre-Congress course on Systematics and Taxonomy of Melastomataceae. IX Congreso Colombiano de Botánica. Villa de Leyva, Colombia. July, 2017 (organized by H. Mendoza, H. David and M. Posada).

How Flowering Plants Reproduce. 182 BOT 384. Adult Education, The New York Botanical Garden. October 2017.

Ants & Plants. Adult Education, The New York Botanical Garden. Spring 2015.

Systematics, Taxonomy and Evolution of Melastomataceae. UNICAMP. Brazil. February 2015. [week long intensive course taught with Renato Goldenberg]

Guest Lecturer, Course OTS-2007-18. Tropical Plant Systematics (Spanish), Organization for Tropical Studies, Costa Rica. June 2007.

Guest Lecturer, Course OTS-2006-9. Tropical Plant Systematics (English), Organization for Tropical Studies, Costa Rica. July 2006.

Plant Systematics. Graduate Center, City University of New York. Fall 2005. (coordinated by Larry Kelly).

Coordinator Course OTS-2005-18. Tropical Plant Systematics (Spanish), Organization for Tropical Studies, Costa Rica. June-July 2005.

Current Topics in Plant Systematics. Graduate Center, City University of New York. Spring 2005. (coordinated by Larry Kelly).

Tropical Field Botany (5 lectures and leader of a 11 day field trip to Costa Rica). Yale University. Coordinated by Andrew Henderson Spring 2004.

Co-coordinator Course OTS-2003-18. Tropical Plant Systematics (Spanish), Organization for Tropical Studies, Costa Rica. June-July 2003.

Guest Lecturer, Course OTS-2002-9. Tropical Plant Systematics (English), Organization for Tropical Studies, Costa Rica. June 2002.

Guest Lecturer, Course OTS-2001-18. Tropical Plant Systematics (Spanish), Organization for Tropical Studies, Costa Rica. July 2001.

Teaching Assistant. Biogeography (BioPl 453). Cornell University. Fall 1999.

Teaching Assistant, Diversity of Life. (BioG 202). Cornell University. Fall 1998.

Teaching Assistant, Introductory Biology (104). Cornell University. Spring 1998.

Teaching Assistant, Introductory Biology (103). Cornell University. Fall 1997.

Instructor, MIRT-NIH-Cornell University Program. January 1997-August 1997.

Instructor, MIRT-NIH-Cornell University program. January 1996-August 1996.

Teaching Assistant, Tropical Plant Families. Cornell University. Fall 1995-Winter 1996.

Teaching Assistant, Plants and Civilization. Cornell University. Spring 1995.

High School Instructor (Biology for High School Seniors). Colegio Emil Friedman, Caracas. Feb-July 1994.

Teaching Assistant, Quantitative Ecology. U.C.V. March 1993-September 1993

Teaching Assistant, Evolution. U.C.V. September 1992-March 1993

Teaching Assistant, Sedimentology. U.C.V. March 1992-September 1992

Teaching Assistant, Genetics (laboratory). U.C.V. September 1991-March 1992

Teaching Assistant, Plant Ecology (laboratory). U.C.V. March 1991-September 1991

Teaching Assistant, Physical Chemistry. U.C.V. September 1990- March 1991

Teaching Assistant, Biostatistics. U.C.V. March 1990-September 1990

OTHER PROFESSIONAL ACTIVITIES

Scientific Advisor and On-Screen Scientist for the IMAX documentary “Lost Worlds. Life in the Balance”. Directed by Bayley Silleck. Produced by Primesco Productions (Montreal, QC). January 2000- May 2001.

Student representative to the council of the School of Biology. Universidad Central de Venezuela. January 1992-February 1994.

Student representative to the Curricular Commission, School of Biology, Universidad Central de Venezuela. October 1991- December 1993.

Member of the Board, Provita, Caracas, Venezuela (Provita is a Venezuelan NGO devoted to wildlife conservation, education and research). March 1991-March 1993.

PROFESSIONAL SOCIETIES (Current and service provided)

American Society for Plant Taxonomy (member of the nominations committee, 2010-2012, 2020-present; member of the financial committee 2012-2015; member of the awards committee 2013-2014; member of the membership committee 2017-2020)

Association for Tropical Biology and Conservation

Botanical Society of America (Chair of the Tropical Biology Section, 2007-2010)

International Association for Plant Taxonomy (Vice President, 2023-2029; Chair of Engler Medal in Silver selection committee 2019-present).

REVIEW SERVICES (since 2019):

Journals: Acta Botánica Mexicana, American Journal of Botany, AoB Plants, Boletim de Botânica da Universidade de São Paulo, Botanical Journal of the Linnean Society, Brazilian Journal of Botany, Flora, Hoehnea, International Journal of Plant Sciences, Journal of Biogeography, Journal of Systematics and Evolution, Journal of the Botanical Research Institute of Texas, Kew Bulletin, Molecular Phylogenetics and Evolution, Nature Plants, Nordic Journal of Botany, PeerJ, Phytokeys,

Phytotaxa, Plant Biology, Plant Systematics and Evolution, Plos One, Revista Brasileira de Botanica, Rheedea, Rodriguesia, South African Journal of Botany, Systematic Botany, Taxon. Grants and promotions: American Society of Plant Taxonomists Student Grants, Instituto Nacional de Pesquisas da Amazonia, National Geographic Society exploration grants, National Science Foundation (panelist and ad hoc reviewer), Smithsonian Institution, South African National Research Foundation.

OTHER SERVICE

Member of the Plant Sciences sub-committee of the Graduate Center, City University of New York (2008-2023).

Member of the ad-hoc Biology Graduate Faculty evaluation committee. Graduate Center, City University of New York (spring 2015, 2016).

FIELD WORK

Argentina: 2008.

Bolivia: 2007.

Brazil: 2005, 2009, 2011, 2014 (two trips), 2015 (two trips), 2016, 2018, 2019 (two trips), 2024.

Colombia: 2010 (2 trips), 2017.

Costa Rica: 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2010, 2011, 2013, 2015, 2017, 2019, 2023.

Cuba: 2008, 2009, 2012, 2013.

Ecuador: 2018.

Guyana: 2014, 2023.

Peru: 1998, 2011, 2012 (two trips), 2016, 2017, 2018 (two trips), 2019, 2022, 2023

Puerto Rico: 2012.

Surinam: 2013.

Venezuela: More than 20 expeditions between 1992 and 2010.

General Public Talks

Brazilian Biodiversity: Assessing Threats to Plants & Ecosystems. New York Botanical Garden. September 27, 2019.

Honors and recognitions

Cuatrecasas Medal for Excellence in Tropical Botany, 2022. Smithsonian National Museum of Natural History.