

**CURRICULUM VITAE**  
**Javier Francisco-Ortega**  
**International Center for Tropical Botany**  
**Department of Biological Sciences**  
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## **EDUCATION**

<u>Degree</u>	<u>Institution</u>	<u>Field</u>	<u>Dates</u>
Ph.D.	School of Biological Sciences, The University of Birmingham, Great Britain	Biological Sciences	1992
M.Sc.	School of Biological Sciences, The University of Birmingham, Great Britain	Conservation and Utilization of Plant Genetic Resources	1988
B.Sc.	Escuela Técnica Superior de Ingenieros Agrónomos, Madrid, Spain	Crop Production and Horticulture	1987

## **FULL-TIME ACADEMIC EXPERIENCE**

<u>Institution</u>	<u>Rank</u>	<u>Field</u>	<u>Dates</u>
Montgomery Botanical Center	Kelly Research Fellow	Tropical Botany	08/2020 – Present
Florida International University	Professor	Plant Systematics	06/2012 – Present
Florida International University	Associate Professor	Plant Systematics	08/2004 – 05/2012
Fairchild Tropical Bot. Gard.	Laboratory Head	Plant Molecular Systematics	01/1999 – 07/2020
Florida International University	Assistant Professor	Plant Molecular Systematics	01/1999 – 07/2004
Universidad de La Laguna, Canary Islands	Lecturer	Plant Genetics and Breeding	01/1997 – 12/1998
University of Texas at Austin	Postdoctoral Fellow	Plant Molecular Systematics	01/1994 – 12/1996
Ohio State University	Postdoctoral Fellow	Plant Molecular Systematics	01/1993 – 12/1994

University of Reading, Great Britain	Postdoctoral Fellow	Plant Genetic Resource Conservation	02/1992 – 12/1992
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### EMPLOYMENT RECORD AT FLORIDA INTERNATIONAL UNIVERSITY

<u>Rank</u>	<u>Dates</u>
Professor	06/2012 – Present
Associate Professor	08/2004 – 05/2012
Assistant Professor	01/1999 – 07/2004

### PUBLICATIONS IN DISCIPLINE

\* = Graduate student who had Dr. Francisco-Ortega as his/her major professor or co-major professor; \*\* = Undergraduate Student; † = Graduate student completed a significant portion of the research in Dr. Francisco-Ortega's laboratory; however, Dr. Francisco-Ortega was not the major professor; § = Graduate student from another university; ☒ = Dr. Francisco-Ortega is at least one of the corresponding authors; NPR = Not Peer Reviewed Publication (**45 articles**).

263.- MOLERO BRIONES, J.; ARCOS PEREIRA, T.; GARCÍA DE PASO CARRASCO, M.D.; REYES-BETANCORT, J.A.; SANTOS-GUERRA, A.; JESTROW, B. & ☒FRANCISCO-ORTEGA, J. (In press). *Euphorbia regis-jubae* Webb & Berthel. (Euphorbiaceae). Curtis's Botanical Magazine.

262.- ☒FRANCISCO-ORTEGA, J.; REYES-BETANCORT, J.A.; GANDHI, K.; SANTOS-GUERRA, A.; SÁNCHEZ-PINTO, L.; NARANJO, A. & STAUFFER, F. (In press). Nomenclature and botanical history of three generic eponyms pertinent to the conquest of Tenerife by the Kingdom of Castile (1494–1496). Kew Bulletin.

261.- NARANJO, A.; GANDHI, K.; NOBLICK, L.; ☒FRANCISCO-ORTEGA, J. & GRIFFITH, P. (In press). *Copernicia macroglossa* Schaedtler (Arecaceae). Curtis's Botanical Magazine.

260.- \*\*LISIO, E.; IBÁÑEZ, E.; ELTON, C.; PÉREZ FARRERA, M.A. & ☒FRANCISCO-ORTEGA, J. (In press). Voyages of David Fairchild to Guatemala and Panama: An overview and the 1941 expedition. Journal of the Botanical Research Institute of Texas.

259.- \*\*BURGOS-SOLER, C.; PÉREZ FARRERA, M.A.; NARANJO, A. & ☒FRANCISCO-ORTEGA, J. (In press). David Fairchild as the President Emeritus of Fairchild Tropical Botanic Garden: The 1944 expedition to Mesoamerica. *Huntia*.

258.- \*CALONJE, M.; MEEROW, A.W.; MEERMAN, J.; & FRANCISCO-ORTEGA, J. & GRIFFITH, P. (2024) Population genetics of *Zamia decumbens* (Zamiaceae, Cycadales), an endangered cycad from the Maya Mountains of Belize. *Plant Species Biology*. Early view pdf is available at: <https://doi.org/10.1111/1442-1984.12473>.

257.- NPR \*\*BURGOS-SOLER, C.; GARIN, F.; CAMERON, R.; PÉREZ FARRERA, M.A. & FRANCISCO-ORTEGA, J. (2023). David Fairchild's 1944 Expedition to Mesoamerica: Encounters with *Quercus skinneri*. International Oak Society. <https://internationaloaksociety.org/content/david-fairchilds-1944-expedition-mesoamerica-encounters-quercus-skinneri>.

- 256.- \*TIERNAN, N.; NAKAMURA, K.; BURNS, C.; JESTROW, B.; OVIEDO PRIETO, R. & **FRANCISCO-ORTEGA, J.** (2023). Phylogenetic relationships of Cuban and Caribbean *Plumeria* (Apocynaceae) based on the plastid genome. *Biological Journal of the Linnean Society* 140: 397-412.
- 255.- JESTROW, B.; HASS, M.; CINEA, W.; FRANCK, A.R.; TIMYAN, J.C.; GRIFFITH, M.P. & **FRANCISCO-ORTEGA, J.** (2023). The Critically Endangered Haitian endemic palm *Attalea crassipatha* (Arecaceae) and its living collections in Fairchild Tropical Botanic Garden: Perspectives from conservation surveys and DNA microsatellite (SSR) data. *Webbia* 78: 3-14.
- 254.- REYES-BETANCORT, J.A.; SÁNCHEZ-PINTO, L. & **FRANCISCO-ORTEGA, J.** (2023). *Bethencourtia palmensis* (C.Sm.) Choisy, Jean IV de Béthencourt, and the genus *Bethencourtia* Choisy: Compositae, Senecioneae. *Curtis's Botanical Magazine* 39: 517–539.
- 253.- NPR GRIFFITH, M.P.; **FRANCISCO-ORTEGA, J.** & GANDHI, K. (2022). A report on the Botanical Nomenclature Course at the Montgomery Botanical Center (MBC), Miami, Florida, U.S.A. *Journal of Japanese Botany* 97: 301–303.
- 252.- MARIMON, M.; OATHAM, M.O.; JIMÉNEZ-RODRÍGUEZ, F.; SANTIAGO-VALENTÍN, E. & **FRANCISCO-ORTEGA, J.** (2022). The 1932 expedition of David Fairchild to the Caribbean on board *Utowana*: Botanizing in Beata, Saona, Trinidad, Tobago, and Tortola islands. *Journal of the Botanical Research Institute of Texas* 16:505-532.
- 251.- NPR GRIFFITH, M.P.; **FRANCISCO-ORTEGA, J.** & GANDHI, K. (2022). A report on the Botanical Nomenclature Course at the Montgomery Botanical Center (MBC), Miami, Florida, U.S.A. *Journal of the Botanical Research Institute of Texas* 16: 8.
- 250.- NARANJO, A.A.; PATHIRICKAL, R.R.; GANDHI, K.N.; DELPRETE, P.G.; BALDINI, R.M.; SANTOS-GUERRA, A.; SÁNCHEZ-PINTO, L. & **FRANCISCO-ORTEGA, J.** (2022). Honoring Sabin Berthelot: Nomenclature and botanical history of *Berthelotia* DC. (Asteraceae, Inuleae). *Webbia* 77: 207-228.
- 249.- HERRERA-BLITMAN, N.; CALONJE, M.; MEERMAN, J.; AGUILAR, R.; MEEROW, A.W.; **FRANCISCO-ORTEGA, J.** & GRIFFITH, M.P. (2022). *Zamia decumbens*. Cycadales, Zamiaceae. *Curtis's Botanical Magazine* 39: 517–539.
- 248.- NPR GRIFFITH, M.P.; **FRANCISCO-ORTEGA, J.** & GANDHI, K. (2022). A report on the Botanical Nomenclature Course. *Nelumbo* 64: 372–376.
- 247.- **FRANCISCO-ORTEGA, J.**; BALDINI, R. M.; MANNING, J.C. & GANDHI, K. (2022). Honoring Philip Barker Webb: the three intriguing stories of *Webbia* as a genus name: Nomenclature of *Webbia*. *Webbia* 77: 3-21
- 246.- CALONJE, M.; MEEROW, A.W. & **FRANCISCO-ORTEGA, J.** (2022). The cycad encounters of botanical explorer David Fairchild. *Huntia* 19: 27-50.
- 245.- NPR **FRANCISCO-ORTEGA, J.**; CARINE, M.; JESTROW, B. & GRIFFITH, M.P. (2011). Natural history collections of plants as a baseline for Tropical Flora knowledge. *In*: Casanova, C. & Romeiras, M.M. (eds.). Lisboa Guardã de Saber Tropical. Câmara Municipal de Lisboa, Lisboa. P. 18.
244. PATRICK GRIFFITH, M.P., MEEROW, A.W.; CALONJE, M.; GONZALEZ, E.; NAKAMURA, K. & **FRANCISCO-ORTEGA, J.** (2022). Genetic patterns of *Zamia* in Florida are consistent with ancient human influence and recent near extirpation. *International Journal of Plant Sciences* 183: 169-185.

243. ZANOTTI, C.A.; A. SANTOS-GUERRA, J. A. REYES-BETANCORT & ✉FRANCISCO-ORTEGA, J. (2021). Antonio A. de Porlier y Sopranis, 1st Marquis of Bajamar (1722–1813) and the genus *Porlieria* (Zygophyllaceae) — honouring his botany advocacy, and its nomenclature. *Kew Bulletin* 76: 613-623.
- 242.- \*TIERNAN, N.M.; GANDHI, K. & FRANCISCO-ORTEGA, J. (2021). A nomenclatural study of *Plumeria* (Apocynaceae: Plumerieae) in the Caribbean Islands. *Taxon* 70: 1101-1116.
- 241.- ✉FRANCISCO-ORTEGA, J.; GANDHI, K.N.; SANTOS-GUERRA, A.; TYE, A.; FRANCK, A.R.; MEJÍAS, J.A.; \*FLICKINGER, J.A. & JESTROW, B. (2021). Proposal to conserve the name *Bosea yervamora* (Amaranthaceae) with a conserved type. *Taxon* 70: 674-675
- 240.- JESTROW, B.; CINEA, W.; PEGUERO, B. & FRANCISCO-ORTEGA, J. (2021). *Clavija domingensis*. *Curtis's Botanical Magazine* 38: 3-18.
- 239.- GRIFFITH, M.P.; CARTWRIGHT, F.; DOSMANN, M.; FANT, J.; FREID, E.; KAYRI, H.; JESTROW, B.; KRAMER, A.T.; MAGELLAN, T.M.; MEEROW, A.W.; MEYER, A.; SÁNCHEZ, V.; SANTIAGO-VALENTÍN, E.; SPENCE, E.; SUSTASCHE- SUSTACHE, J.A.; FRANCISCO-ORTEGA, J. & SEAN HOBAN, S. (2021): Ex situ conservation of large and small plant populations illustrates limitations of common conservation metrics. *International Journal of Plant Sciences* 182: 263-276.
- 238.- \*\*CAMAS, M.; CARRINGTON, C.M.; SAINT-AIME, S. & ✉FRANCISCO-ORTEGA, J. (2020). David Fairchild's plant hunting expedition in the Lesser Antilles: Year 1932. *Selbyana* 33: 43-63.
- 237.- \*\*COLON, J.; \*TIERNAN, N.; \*\*OLIPHANT, S.; \*\*SHIRAJEE, A.; \*FLICKINGER, J.; LIU, H.; FRANCISCO-ORTEGA, J. & MCCARTNEY, M. 2020. Bringing botany into focus: addressing plant blindness in undergraduates through an immersive botanical experience. *BioScience* 70: 887-900.
- 236.- \*\*CHAVARRIA, R.; JESTROW, B.; FREID, E. & ✉FRANCISCO-ORTEGA, J. (2020). The Bahamas and the first extensive expedition (1931–1932) of the USDA to the Caribbean Islands. *International Journal of Bahamian Studies* 26: 33-45.
- 235.- SANTOS-GUERRA, A.; CARINE, M.A. & FRANCISCO-ORTEGA, J. (2020). Macaronesian botany and the Endeavour voyage: The collections and records of Joseph Banks and Daniel Solander from Madeira. *Scientia Insularum* 3: 165-220.
- 234.- ✉FRANCISCO-ORTEGA, J.; SWAN, M.; BENNETT, B.C. & JESTROW, B. (2020). Early use of motion pictures in economic botany (1924, 1926): China, Indonesia, and Sri Lanka. *Economic Botany* 74: 363-371.
- 233.- \*FLICKINGER, J.A.; JESTROW, B.; OVIEDO PRIETO, R.; SANTIAGO-VALENTÍN, E.; SUSTACHE-SUSTACHE, J.; JIMÉNEZ-RODRÍGUEZ, F.; CAMPBELL, K. & FRANCISCO-ORTEGA, J. (2020). A phylogenetic survey of Myrtaceae in the Greater Antilles with nomenclatural changes for some endemic species. *Taxon* 69: 448-480.
- 232.- ✉FRANCISCO-ORTEGA, J.; RODRÍGUEZ RODRÍGUEZ, A.; FRANCISCO-ORTEGA, I.; SANTOS-GUERRA, A. & \*\* DE LEÓN, M. (2020). Alice Carter Cook (1868-1943), pionera en los estudios botánicos de la Macaronesia. *Makaronesia* 21-22: 164-197.
- 231.- \*TIERNAN, N.; OVIEDO, R.; JESTROW, B. & FRANCISCO-ORTEGA, J. (2020). *Plumeria filifolia*. Apocynaceae. *Curtis's Botanical Magazine* 37: 47-90.

- 230.- ANDRÉ, N.; PICARD, L.; \*\*JEAN-LOUIS, A.; HALL, G.; BROUILLET, L.; VERNA, C.F.; CINEA, W.; PEGUERO, B.; JESTROW, B.; JEAN FRANÇOIS, B. & **FRANCISCO-ORTEGA, J.** (2020). Haiti, Quebec, and the French Canadian Mission to Quisqueya (December 1937–January 1938): Perspectives from the founder of the Montreal Botanical Garden, Brother Marie-Victorin. *Journal of Haitian Studies* 25: 206-238.
- 229.- ☒**FRANCISCO-ORTEGA, J.**; GANDHI, K.N.; DUARTE, M.C.; SANTOS-GUERRA, A.; CARINE, M.A. & ROMEIRAS, M.M. (2020). Captain James Cook and Macaronesian botany: Typification and nomenclature updates of six species described by Johann R. Forster and J. Georg A. Forster. *Scientia Insularum* 3: 39-58.
- 228.- ANDRÉ, N.; PICARD, L.; VERNA, C.; \*\*JEAN-LOUIS, A.; HALL, G.; BROUILLET, L.; CINEA, W.; PEGUERO, B.; \*\*JEAN FRANÇOIS, B. & **FRANCISCO-ORTEGA, J.** (2020). Haiti, Quebec, and the French Canadian mission to Quisqueya (December 1937–January 1938): Perspectives from the founder of the Montreal Botanical Garden, Brother Marie-Victorin. *Journal of Haitian Studies* 25: 206-238.
- 227.- NPR ☒**FRANCISCO-ORTEGA, J.**; \*TIERNAN, N.; \*FLICKINGER, J.; \*\*VILLAVICENCIO, W.; GEIGER, J.; JESTROW, B.; HUSBY, C.; PEREIRA, R.; \*NÚÑEZ, J.; ALBERTE, J.; \*\*COLÓN, J.; LIU, H. & McCARTNEY, M. (2019). A cure for plant blindness? Teaching techniques to connect biology undergrads with plants. *The Tropical Garden* 74(3): 23-26.
- 226.- NPR \*TIERNAN, N.; \*\*CAMAS, M.; \*\*CHAVARRIA, R.; JESTROW, B. & **FRANCISCO-ORTEGA, J.** (2019). Dr. David Fairchild's frangipani exploration in the Caribbean. *The Tropical Garden* 74(3): 53-57.
- 225.- NPR ☒**FRANCISCO-ORTEGA, J.**, JESTROW, B. & GRIFFITH, M.P. (2019). Partnerships between botanic gardens and universities in a changing caribbean world. *Hemisphere* 28: 6-9.
- 224.- NPR ☒**FRANCISCO-ORTEGA, J.** & BRAY, B.B. (2019). From the guest editors. *Hemisphere* 28: 4.
- 223.- \*CALONJE, M.; MEEROW, A.W.; GRIFFITH, P.; SALAS-LEIVA, D.; VOVIDES, A.P.; COIRO, M. & **FRANCISCO-ORTEGA, J.** (2019). A time-calibrated species tree phylogeny of the New World cycad genus *Zamia* L. (Zamiaceae, Cycadales). *International Journal of Plant Sciences* 179: 730-757.
- 222.- NPR \*\*DE LEÓN, M.; RODRÍGUEZ-RODRÍGUEZ, A.; FRANCISCO-ORTEGA, I.; SANTOS-GUERRA, A. & ☒**FRANCISCO-ORTEGA, J.** (2019). America's first female botany Ph.D. *The Tropical Garden* 74(2): 22-25.
- 221.- MEEROW, A.W.; SALAS-LEIVA, D.E.; **FRANCISCO-ORTEGA, J.**; GRIFFITH M.P.; \*CALONJE, M.A.; STEVENSON, D.Wm & NAKAMURA, K. (2018). Phylogeography and conservation genetics of the Caribbean *Zamia* clade: An integrated systematic approach with SSRs and single copy nuclear genes. *Memoirs of the New York Botanical Garden* 117: 278-296.
- 220.- \*OLEAS, N.H.; FEELEY, K.J.; FAJARDO, J.; MEEROW, A.W.; GEBELEIN, J. & **FRANCISCO-ORTEGA, J.** (2019). Muddy boots beget wisdom: a cautionary tale for plant species distribution models. *Diversity* 11(10).
- 219.- NPR ☒**FRANCISCO-ORTEGA, J.**; SWAN, D.; LEWIS, C & JESTROW, B. (2018). Dr. David Fairchild – The motion pictures. *The Tropical Garden* 73(3): 22-25.

- 218.- NPR ☒ **FRANCISCO-ORTEGA, J.**; JESTROW, B. & GRIFFITH, M. (2019). Partnerships between botanic gardens and universities in a changing Caribbean world. *Hemisphere* 28: 6-8.
- 217.- ROMEIRAS, M.M.; DUARTE, M.C.; **FRANCISCO-ORTEGA, J.**; CATARINO, L. & HAVIK, P. (2018). Recovering plant data for Guinea-Bissau: implications for biodiversity knowledge of West Africa. *Diversity* 10(109).
- 216.- MEEROW, A.W.; SALAS-LEIVA, D.; \*CALONJE, M.; **FRANCISCO-ORTEGA, J.**; GRIFFITH, M.P.; NAKAMURA, K.; JIMÉNEZ-RODRÍGUEZ, F.; LAWYRUS, J. & OBERLI, A. (2018). Contrasting demographic history and population structure of *Zamia* (Cycadales: Zamiaceae) on six islands of the Greater Antilles suggests a model for population diversification in the Caribbean clade of the genus. *International Journal of Plant Sciences* 179: 730-757.
- 215.- \*COMMOCK, T.; ROSE, P.E.; CAMPBELL, K.S.E.; JESTROW, B. & **FRANCISCO-ORTEGA, J.** (2018). Jamaica's endemic plant genera: updates in research, taxonomic knowledge, phylogeography and conservation. *Webbia* 73: 245-266.
- 214.- MOLERO, J.; ROMEIRAS, M.M.; DUARTE, M.C.; SANTOS-GUERRA, A.; JESTROW, B. & ☒ **FRANCISCO-ORTEGA, J.** (2018). 880. *Euphorbia tuckeyana*. Euphorbiaceae. *Curtis's Botanical Magazine* 35: 166-189.
- 213.- ☒ **FRANCISCO-ORTEGA, J.**; ANDRÉ, N.; PICARD, L.; \*\*ADME, R.; CINEA, W.; PEGUERO, B., HALL, G.; BROUILLET, L.; JESTROW, B. & ZONA, S. (2020). Brother Marie-Victorin's account of his second trip to Haiti. *Huntia* 18: 5-28.
- 212.- ☒ **FRANCISCO-ORTEGA, J.**; BACALLADO, J.J.; SALVESEN, K.; JESTROW, B.; FREID, E. & MANCO, N. (2018). Las Bahamas: fauna y flora terrestres en el Trópico de Cáncer. *Makaronesia* 20: 72-135.
- 211.- BRAMWELL, D.; DE MELO AZEVEDO, A.I.; SANTOS-GUERRA, A. & ☒ **FRANCISCO-ORTEGA, J.** (2019). William Trelease and the Macaronesian flora: an introduction to his trips, works and collections. *Vieraea* 46: 459-498.
- 210.- CARVALHO, J.A.; RICO, L.; SANTOS-GUERRA, A.; DUARTE, M.C.; ROMEIRAS, M.M. & ☒ **FRANCISCO-ORTEGA, J.** (2018). 873. *Echium nervosum*. Boraginaceae. *Curtis's Botanical Magazine* 35: 63-74.
- 209.- NPR **FRANCISCO-ORTEGA, J.**; JESTROW, B.; HUSBY, C.; GRIFFITHS, M. & LEWIS, C. (2018). The Garden's early plantings. *The Tropical Garden* 73(1): 43-47.
- 208.- NPR **FRANCISCO-ORTEGA, J.** (2018). Earliest known color photos of Montgomery Botanical Center found at University of Montreal. *Montgomery Botanical News Spring/Summer* 2018: 12.
- 207.- NPR OVIEDO PRIETO, R.; BRULL, G.; \*CALONJE, M.A.; GONZÁLEZ-OLIVA, L.; **FRANCISCO-ORTEGA, J.** & CHAVES, R. (2017). Proyecto estado de conservación de poblaciones de Zamiaceae en Cuba. *Flora y Fauna* 21: 19-25.
- 206.- \*COMMOCK, T.; ROSE, P.E.; GANDHI, K.N.; CAMPBELL, K.S.E.; WURDACK, K.J.; **FRANCISCO-ORTEGA, J.** & JESTROW, B. (2017). Typification and nomenclature of five taxa endemic to Jamaica. *Harvard Papers in Botany* 22: 137-140.
- 205.- NPR **FRANCISCO-ORTEGA, J.** & SCHOKMAN, L. (2017). The earliest color photos of Dr. David Fairchild. *The Tropical Garden* 72(4): 52-53.

- 204.- ZONA, S.; HASS, M.; FICKEROVÁ, M.; MARDONOVICH, S.; SANDERFORD, K.; **FRANCISCO-ORTEGA, J.** & JESTROW, B. (2018). Mainland and island populations of *Coccothrinax argentata* (Arecaceae): revisiting the common garden experiment in its 24th year. *Systematic Botany* 43: 153-161.
- 203.- RICO, L.; DUARTE, M.C.; ROMEIRAS, M.M.; SANTOS-GUERRA, A.; NEPI, C. & **FRANCISCO-ORTEGA, J.** (2017). Joseph D. Hooker's 1939 Cape Verde collections. *Curtis's Botanical Magazine* 34: 146-168.
- 202.- **FRANCISCO-ORTEGA, J.** & SÁNCHEZ-PINTO, L. (2018). Iconografía de plantas de Canarias. *Vieraea Suplemento monográfico*: 1-331.
- 201.- **FRANCISCO-ORTEGA, J.**; SANTIAGO-VALENTÍN, E.; SANTOS-GUERRA, A.; SÁNCHEZ-PINTO, E.; CONCEPCIÓN-PÉREZ, A.; HERNÁNDEZ GONZÁLEZ, M.J.; TARQUIS, A.M. & GONZÁLEZ, G. (2020). Domingo Bello y Espinosa en las Islas Canarias: La labor de un gran naturalista y humanista. *Rincones del Atlántico* 10: 98-119..
- 200.- GRIFFITH, M.P.; \*CALONJE, M.; MEEROW, A.W.; **FRANCISCO-ORTEGA, J.**; KNOWLES, L.; AGUILAR, R.; TUT, F.; SÁNCHEZ, V.; MEYER, A.; NOBLICK, L.R. & MAGELLAN, T.M. (2017). Will the same ex situ protocols give similar results for closely related species? *Biodiversity and Conservation* 26: 2951-2966.
- 199.- **FRANCISCO-ORTEGA, J.**; SWAN, M.; CINEA, W.; BEAUSSEJOUR, N.; KORBER, N.; LATHAM, J.M. & JESTROW, B. (2018). David Fairchild's plant hunting expeditions in Haiti. *Huntia* 17: 5-35.
- 198.- JESTROW, B.; PEGUERO, B.; JIMÉNEZ, F.; VERDECIA, R.; GONZÁLEZ OLIVA, L.; MOYA, C.E.; CINEA, W.; GRIFFITH, M.P.; MEEROW, A.W.; MAUNDER, M. & **FRANCISCO-ORTEGA, J.** (2018). A conservation framework for the highly threatened endemic species of the Caribbean palm *Coccothrinax Oryx* 52: 452-463.
- 197.- LAS-LEIVA, D.; MEEROW, A.; \*CALONJE, M.; **FRANCISCO-ORTEGA, J.**; GRIFFITH, M.P.; NAKAMURA, K.; SÁNCHEZ, V.; KNOWLES, L. & KNOWLES, D. (2017). Shifting Quaternary migration patterns in the Bahamian archipelago: evidence from the *Zamia pumila* complex (Cycadales: Zamiaceae) at the northern limits of the Caribbean island biodiversity hotspot. *American Journal of Botany* 104: 757-771.
- 196.- **FRANCISCO-ORTEGA, J.**; BROUILLET, L.; HALL, G.; SANTOS-GUERRA, A.; SUÁREZ MARTÍN, P.; SÁNCHEZ-PINTO, L.; \*\*JEAN-LOUIS, A. & ZONA, S. (2017). Brother Marie-Victorin in the Canary Islands in 1929. *Webbia* 72: 53-61.
- 195.- NPR **FRANCISCO-ORTEGA, J.**; GARRIGÓ, J.R.; BROUILLET, L.; HALL, G.; ANDRÉ, N.; CINEA, W.; SANTIAGO-VALENTÍN, E.; ZONA, S. & JESTROW, B. (2016). The Brothers of La Salle and Caribbean botany. *The Tropical Garden* 71(4): 22-25.
- 194.- SANTIAGO-VALENTÍN, E.; \*\*FRANCOIS, B.J.; HALL, G., BROUILLET, L. & **FRANCISCO-ORTEGA, J.** (2016). *Images Floristiques Portoricaines*: El diario del viaje a Puerto Rico del Hermano Marie-Victorin, 1942. *Revista del Jardín Botánico Nacional Universidad de La Habana* 37: 121-143.
- 193.- ROSE, P.E.; CAMPBELL, K.C.; COMMOCK, T.; KORBER, N.; MOSELY, J.; SWAN, M.; JESTROW, B. & **FRANCISCO-ORTEGA, J.** (2017). David Fairchild's expedition to Jamaica on board Utowana. *Journal of the Torrey Botanical Club* 144: 139-152.

- 192.- NPR **FRANCISCO-ORTEGA, J.**; SANTOS-GUERRA, A.; ROMEIRAS, M.M.; CARINE, M.; ROUHAN, G.; SANCHEZ-PINTO, L.; SANTIAGO-VALENTIN, E. & DUARTE, M.C. (2016). Plant exploration and botanical art in the Atlantic Islands. *The Tropical Garden* 72(2): 30-33.
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- 23.-  **FRANCISCO-ORTEGA, J.**; JACKSON, M.T.; SANTOS-GUERRA, A.; FERNÁNDEZ-GALVÁN, M. & FORD-LLOYD, B.V. (1994). The phylogeography of the *Chamaecytisus proliferus* (L.fil.) Link complex (Fabaceae: Genisteeae) in the Canary Islands: A multivariate analysis. *Vegetatio* 110: 1-17.
- 22.- SANTOS-GUERRA, A. & **FRANCISCO-ORTEGA, J.** (1994). On the nomenclature and types of *Chamaecytisus proliferus* (L.f.) Link (Fabaceae: Genisteeae). A fodder shrub from the Canary Islands. *Botanical Journal of the Linnean Society* 115: 235-245.
- 21.-  **FRANCISCO-ORTEGA, J.**; SANTOS-GUERRA, A. & JARVIS, C.E. (1994). Pre-Linnean references for the Macaronesian flora found in Leonard Plukenet's works and collections. *The Bulletin of the Natural History Museum of London (Botany Series)* 24: 1-34.
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- 16.-  **FRANCISCO-ORTEGA, J.**; REGHUNATH, B.R., NEWBURY, H.J. & FORD-LLOYD, B.V. (1993). Discrimination between groups of tagasaste and escobon from the Canary Islands based on juvenile morphological characters. *New Zealand Journal of Agricultural Research* 36: 185-195.
- 15.- REGHUNATH, B.R.; **FRANCISCO-ORTEGA, J.**; NEWBURY, H.J. & FORD-LLOYD, B.V. (1993). Methods for increasing the efficiency of seed germination in the fodder legumes tagasaste and escobon (*Chamaecytisus proliferus* (L.fil.) Link sensu lato). *Seed Science and Technology* 21: 225-235.
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- 13.- ✕ **FRANCISCO-ORTEGA, J.** & JACKSON, M.T. (1993). Conservation strategies for tagasaste and escobon (*Chamaecytisus proliferus* (L.fil.) Link) in the Canary Islands. Boletim do Museo Municipal do Funchal Suplemento 2: 99-105.
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- 9.- ✕ **FRANCISCO-ORTEGA, J.**; FERNÁNDEZ-GALVÁN, M. & SANTOS-GUERRA, A. (1992). On the nomenclature of *Chamaecytisus mollis* (Cav.) Grauter & Burdet and its distribution in the Canary Islands. Lectotypification of *Spartium molle* Cav. and *Cytisus albidus* DC. Candollea 47: 1-9.
- 8.- ✕ **FRANCISCO-ORTEGA, J.** & JACKSON, M.T. (1992). The use of Discriminant function analysis to study diploid and tetraploid cytotypes of *Lathyrus pratensis* L. (Fabaceae: Faboideae). Acta Botanica Neerlandica 41: 63-73.
- 7.- HAWKES, J.G. & **FRANCISCO-ORTEGA, J.** (1992). The potato in Spain during the late 16th Century. Economic Botany 46: 86-97.
- 6.- ✕ **FRANCISCO-ORTEGA, J.**; JACKSON, M.T.; CATTY, J.P. & FORD-LLOYD, B.V. (1992). Genetic diversity in the *Chamaecytisus proliferus* (L. fil.) Link complex (Fabaceae: Genisteae) in the Canary Islands in relation to in situ conservation. Genetic Resources and Crop Evolution 39: 149-158.
- 5.- ✕ **FRANCISCO-ORTEGA, J.**; FERNÁNDEZ-GALVÁN, M. & SANTOS-GUERRA, A. (1991). A literature survey (1696-1991) on the fodder shrubs tagasaste and escobon (*Chamaecytisus proliferus* (L.fil.) Link sensu lato) (Fabaceae: Genisteae). New Zealand Journal of Agricultural Research 34: 471-488.
- 4.- ✕ **FRANCISCO-ORTEGA, J.**; JACKSON, M.T.; SANTOS-GUERRA, A. & FERNÁNDEZ-GALVÁN, M. (1991). Historical aspects of the origin and distribution of tagasaste (*Chamaecytisus proliferus* (L.fil.) Link ssp. *palmensis* (Christ) Kunkel). A fodder tree from the Canary Islands. Journal of Adelaide Botanical Gardens 14: 67-76.
- 3.- ✕ **FRANCISCO-ORTEGA, J.**; JACKSON, M.T.; SANTOS-GUERRA, A. & FERNÁNDEZ-GALVÁN, M. (1990). Genetic resources of the fodder legumes tagasaste and escobon (*Chamaecytisus proliferus* (L.fil.) Link sensu lato) in the Canary Islands. FAO/IBPGR Plant Genetic Resources Newsletter 81/82: 27-32.
- 2.- SANTOS-GUERRA, A. & **FRANCISCO-ORTEGA, J.** (1990). Endemismos macaronésicos en las Islas Canarias: estado de conservación. In: Hernández-Bermejo, J.E.; Clemente, M. & Heywood, V. (eds.). Pp. 191-196. Conservation Techniques in Botanic Gardens. Koeltz, Königstein.
- 1.- NPR ✕ **FRANCISCO-ORTEGA, J.**; MÉNDEZ, P.; FERNÁNDEZ-GALVÁN, M. & SANTOS-GUERRA (1989). Tagasaste: *Chamaecytisus proliferus* (L.fil.) Link ssp. *palmensis* (Christ) Kunkel. Una leguminosa forrajera arbustiva originaria de la isla de La Palma. Canarias Agraria y Pesquera 8: 28-32.

**PRESENTED PAPERS, AND LECTURES****A. PAPERS PRESENTED AT PROFESSIONAL MEETINGS*****FloraMac 2018 International Meeting, Madeira, Portugal, 2018***

1.- Captain James Cook and Macaronesian Botany

***Cycad 2015, 10<sup>th</sup> International Conference on Cycad Biology, Medellín, Colombia, 2015***

- 1.- Paper presented: Estado de conservación de poblaciones de Zamiaceae (Cycadales) en Cuba: proyecto de colaboración Cuba-Estados Unidos de América.
- 2.- Paper presented: Phylogeography of the Caribbean *Zamia* clade: testing the “out-of-Cuba” hypothesis.
- 3.- A molecular phylogeny of *Zamia* L.: a multi-gene approach using single-copy nuclear genes.
- 4.- Integrated Cycad Conservation: collections genetics help close the loop.

***1<sup>st</sup> Biodiversity Symposium of the Santa Cruz de Tenerife at the Palmetum Botanic Garden, 2014***

- 1.- Paper presented: Los jardines botánicos en las grandes urbes: plataformas para la conservación, la ciencia, y la educación

***Botany 2014, Annual Meeting of the Botanical Society of America, Boise, Idaho, 2014***

- 1.- Paper presented: Genetic structure, diversity, and differentiation of *Pseudophoenix* (Arecaceae) in Hispaniola
- 2.- When species trees collide: evolutionary and historical biogeography of the cocosoid palms (Arecaceae: Arecoideae: Cocoseae) inferred from sequences of six WRKY gene family loci.

***5<sup>th</sup> Global Botanic Gardens Congress, Dunedin, New Zealand, 2013***

- 1.- Paper presented: The Caribbean cycad project

***Botany 2013, Annual Meeting of the Botanical Society of America, New Orleans, Louisiana, 2013***

- 1.- Paper presented: Building partnerships in the Bahamas: the island flora.

***International Seminars “Natural History of Macaronesia”, Santa Cruz de Tenerife, Canary Islands, 2013***

- 1.- Paper presented: Plant hunting in the Canary Islands by British botanists during the 17th and 19th centuries

***6<sup>th</sup> Biennial Conference of the International Biogeography Society, Miami, Florida, 2013***

- 1.- Paper presented: An introduction to the biogeography of the Caribbean Islands.

***Botany 2012, Annual Meeting of the Botanical Society of America, Columbus, Ohio, 2012***

- 1.- Paper presented: Comparative patterns of genetic variation among populations of the *Zamia pumila* L. complex across three islands of the Greater Antilles.
- 2.- Paper presented: Plant biodiversity and molecules in the Caribbean Island Biodiversity Hotspot.
- 3.- Paper presented: Molecular phylogeny of the "spiny" Cocoseae (Arecaceae) using six WRKY loci and various methods of gene tree/species tree reconciliation
- 4.- Paper presented: Phylogeography and conservation genetics of the Caribbean *Zamia* clade: Identification of single copy nuclear genes.
- 5.- Paper presented: Structural evolution of cycads: Do traits in extant cycads inform ancestral conditions?
- 6.- Paper presented: AGAMOUS a single copy gene with high potential for cycad phylogenetics.

- 7.- Paper presented: A molecular phylogeny of *Zamia* L.: a multi-gene approach using single-copy nuclear genes.
- 8.- Paper presented: Genetic patterns of the endangered *Phaedranassa schizantha* (Amaryllidaceae).

***FloraMac2012 International Symposium, University of Madeira, Portugal, 2012***

- 1.- Paper presented: Pre-Linnean references to the Macaronesian Flora.

***SALISES 50-50 Conference, University of the West Indies, Kingston, Jamaica, 2012***

- 1.- Paper presented: Education and Research Opportunities through Partnerships between Botanic Gardens and Universities.

***5th Annual Affiliated Faculty Colloquium at the Latin American Caribbean Center of Florida International University – “Environment, Society and Public Policy in the Caribbean Region”, Miami, 2012***

- 1.- Paper presented: Plant endemism in the Caribbean Islands.

***Plant Biologists of South Florida Annual Meeting, Miami, 2012***

- 1.- Paper presented: The expeditions of David Fairchild to the Bahamas Islands.

***International Workshop to establish a National Botanic Garden in Haiti, Port-au-Prince, Haiti, 2011***

- 1.- Paper presented: Developing Partnerships between Universities and Botanic Gardens.

***Cycad 2011, 9<sup>th</sup> International Conference on Cycad Biology, Shenzhen, China, 2011***

- 1.- Paper presented: A phylogeny of *Zamia* based on four single-copy nuclear genes
- 2.- Paper presented: Phylogeography and conservation genetics of the Caribbean *Zamia* clade: an integrated systematic approach with SSRs and single copy nuclear genes
- 3.- Paper presented: Genetics-based conservation action plan for *Zamia lucayana*, the only cycad species endemic to the Bahamian archipelago (Caribbean Island Biodiversity Hotspot)
- 4.- Paper presented: Comparative patterns of genetic variation among populations of the *Zamia pumila* L. complex across three islands of the Greater Antilles
- 5.- Paper presented: Structural evolution of cycads: Do traits in extant cycads inform ancestral conditions?

***18<sup>th</sup> International Botanical Congress, 2011***

- 1.- Paper presented: Evolutionary history of Arecaceae tribe Cocoseae inferred from seven WRKY transcription factors.
- 2.- Poster presented: Comparative patterns of genetic variation among populations of the *Zamia pumila* L. complex across three islands of the Greater Antilles.

***10<sup>th</sup> Latin American Botanical Congress, La Serena, Chile, 2010***

- 1.- Paper presented: Molecular phylogenetics of endangered species from Latin America: Unique patterns and conservation priorities
- 2.- Paper presented: Using molecular markers for species conservation: The case of *Phaedranassa* spp.

***3<sup>rd</sup> International Symposium – Restoration Ecology, Santa Clara, Cuba, 2010***

- 1.- Paper presented: Plant conservation on the Caribbean Islands: Molecular perspectives.

***35<sup>th</sup> Anniversary Conference. Instituto de Ecología, A.C., Xalapa, Mexico, 2010***

- 1.- Paper presented: Plant biodiversity on the Caribbean Islands: Molecular perspectives.

***Botany 2010, Annual Meeting of the Botanical Society of America, New Providence, Rhode Island, 2010***

- 1.- Paper presented: Palms, sugar, molecules, and conservation: The case of *Pseudophoenix ekmanii* in Jaragua National Park, Dominican Republic.
- 2.- Paper presented: Islands within islands: A radiation across the serpentine archipelago of Cuba.

***Annual Meeting of Society for Conservation Biology, Beijing, 2009***

- 1.- Paper presented: Plant endemism on Hainan Island: Conservation challenges.

***50<sup>th</sup> Anniversary Conference. Montgomery Botanical Center, 2009***

- 1.- Paper presented: Early plant exploration.

***Beyond Cladistics, a Festschrift for Chris Humphries. The Linnean Society of London, 2008***

- 1.- Paper presented: Early British collectors and observers of the Macaronesian flora: from Sloane to Darwin.

***Cycad 2008, 8<sup>th</sup> International Conference on Cycad Biology, Panama, 2008***

- 1.- Paper presented: Molecular systematics of the Mesoamerican cycad genus *Dioon*.
- 2.- Paper presented: Conservation genetics of *Dioon edule*, an endangered cycad from Mexico.
- 3.- Paper presented: Potential of single copy genes for biodiversity studies of cycads.

***3<sup>rd</sup> International Biogeography Conference, Canary Islands, Spain, 2007***

- 1.- Poster presented: Biogeographical patterns of seed-plant genera endemic to the Caribbean Islands.

***Botany 2006, Annual Meeting of the Botanical Society of America, Chico, California, 2006***

- 1.- Paper presented: Genetic and habitat differentiation of *Geonoma macrostachys* (Arecaceae) Western Amazonian varieties
- 2.- Paper presented: Molecular evidence for the phylogenetic relationships of *Jacquemontia reclinata* (Convolvulaceae).
- 3.- Paper presented: Phylogenetics, conservation, and historical biogeography of the West Indian genera *Lasiocroton* and *Leucocroton* (Euphorbiaceae).

***6<sup>th</sup> Annual Smithsonian Annual Botanical Symposium. Smithsonian Institution, Washington DC., 2006***

- 1.- Paper presented: New and Old paradigms for the Macaronesian flora: molecular phylogenetic perspectives.

***9<sup>th</sup> Latin-American Congress, Santo Domingo, Dominican Republic, 2006***

- 1.- Paper presented: Molecular phylogenetics of Antillean Asteraceae: A review.

***CETroB 2006, Meeting of the CETroB organization, Miami, Florida, 2006***

- 1.- Paper presented: Seed plant genera endemic in the Caribbean Island Hotspot: A review and molecular perspective.

***17<sup>th</sup> International Botanical Congress, Vienna, Austria, 2005***

- 1.- Poster presented: A phylogenetic study of *Silene* (Caryophyllaceae) endemic to the Canary Islands.
- 2.- Poster presented: Studies for the conservation of *Coccothrinax crinita*: an endangered Cuban palm.

***Cycad 2005, 7<sup>th</sup> International Conference on Cycad Biology, Xalapa, Mexico, 2005***

- 1.- Paper presented: Microsatellite DNA studies in the *Zamia pumila* complex (Zamiaceae).

***Botany 2005, Annual Meeting of the Botanical Society of America, Austin, Texas, 2005***

- 1.- Paper presented: Endemic plant genera of the Caribbean Islands: an assessment on the basis of molecular data.
- 2.- Paper presented: The origin of the Macaronesian flora: a perspective from molecular phylogenetics.

- 3.- Paper presented: Genetic structure of *Phaedranassa tunguraguae* Ravenna (Amaryllidaceae), an endangered species of Ecuador.
- 4.- Paper presented: Microsatellite DNA studies in the Caribbean *Zamia pumila* complex (Zamiaceae).
- 5.- Poster presented: A comparison of phylogenies based upon independent nuclear and chloroplast datasets for *Sideritis* L. (Lamiaceae: Lamioideae).

**Botany 2004, Annual Meeting of the Botanical Society of America, Salt Lake City, Utah, 2004**

- 1.- Paper presented: *Sideritis* L. in Macaronesia: current knowledge and future perspectives
- 2.- Paper presented: Developing microsatellite markers for studying the genetic structure of *Phaedranassa schizantha* and *P. tunguraguae* (Amaryllidaceae).

**9<sup>th</sup> International Organization of Plant Biosystematics Meeting, Plant Evolution in Mediterranean Climate Zones, Botanic Garden of Valencia, Spain, 2004**

- 1.- Paper presented: Origin of the Macaronesian Flora and its relationship with the Mediterranean Flora.
- 2.- Poster presented: *Normania*: On the verge of extinction, at the edge of Spain.

**Annual Meeting Association for Tropical Biology and Conservation, Geographic and Conceptual Frontiers of Tropical Biology, University of Miami, FIU, and CETroB, Miami, Florida, 2004**

- 1.- Paper presented: Plant phylogenetic patterns in the Caribbean Islands.
- 2.- Paper presented: Phylogenetic studies in Caribbean palms.

**3<sup>rd</sup> International Conference on the Comparative Biology of the Monocotyledons – Monocots III. 2003**

- 1.- Paper presented: Phylogeny of Agavaceae based on *ndhF* sequences: implications of molecular data for classification.
- 2.- Paper presented: Molecular phylogenetics of palm subtribe Ptychospermatinae (Arecaeae).

**17<sup>th</sup> Annual Meeting Society for Conservation Biology, Duluth, Minnesota, 2003**

- 1.- Paper presented: Genetics and management of *Jacquemontia reclinata*, a federally endangered coastal dune plant.

**Botany 2003, Annual Meeting of the Botanical Society of America, Mobile, Alabama, 2003**

- 1.- Paper presented: Molecular phylogenies from nuclear and chloroplast genes support the connection of the Macaronesian genus *Bystropogon* (Lamiaceae) to the radiation of the new world *Menthae*.
- 2.- Poster presented: Molecular systematics of the Caribbean sunflower genera *Rhodogeron* Griseb. and *Sachsia* Griseb.
- 3.- Poster presented: A floristic inventory of Isla del Coco, Costa Rica.

**Symposium on the Evolutionary Legacy of the Ice Ages, The Royal Society, London, Great Britain, 2003**

- 1.- Poster presented: Evolution of neo-endemics in the western Mediterranean: The role of recent dispersal from the Macaronesian region in *Convolvulus* L.

**Botany 2002, Annual Meeting of the Botanical Society of America, Madison, Wisconsin, 2002**

- 1.- Paper presented: Defining the geographic origin and evolution of Canary Island Lotus subgenus *Pedrosia*: evidence based on ITS sequences of nuclear ribosomal DNA.
- 2.- Paper presented: Molecular systematics of the doum palms (*Hyphaene*) and related genera (Arecaceae tribe Borasseae).
- 3.- Paper presented: Molecular phylogenetics of the palm tribe Geonomeae (Arecaceae).
- 4.- Poster presented: Relationships among the Canarian *Tolpis* (Asteraceae: Lactuceae) species inferred from analyses of intersimple sequence repeats (ISSRs).

***CETroB 2002, Meeting of the CETroB Organization, Miami, Florida, 2002***

- 1.- Poster presented: Molecular systematics of the Caribbean sunflower genera *Rhodogeron* Griseb. and *Sachsia* Griseb.
- 2.- Poster presented: Molecular phylogeny of *Geonoma* and its place in the tribe Geonomeae (Arecaceae).

***8<sup>th</sup> Latin-American Congress, Cartagena, Colombia, 2002***

- 1.- Paper presented: Molecular evidence for the origin of the Canary Island flora.

***Botany 2001, Annual Meeting of the Botanical Society of America, Albuquerque, New Mexico, 2001***

- 1.- Paper presented: Molecular evidence for the origin of the Galapagos Island endemic genus *Darwiniothamnus* (Asteraceae).
- 2.- Paper presented: Adaptive radiation of the genus *Crambe* (Brassicaceae) in the Canary Islands: RFLP study of the chloroplast genome.
- 3.- Poster presented: Molecular data show that the genus *Pulicaria* (Asteraceae) does not provide a floristic link between the Canary Islands and the East African Island of Socotra
- 4.- Poster presented: Conservation genetics of the Florida endangered *Jacquemontia reclinata* (Convolvulaceae): RAPDs data.

***5<sup>th</sup> Symposium on Flora of Cuba, Havana, 2000***

- 1.- Paper presented: Molecular systematic studies in New World cycads.
- 2.- Paper presented: The use of molecular markers to trace the origin and evolution of island plants.

***Botany 2000, Annual Meeting of the Botanical Society of America, Portland, Oregon, 2000***

- 1.- Paper presented: Origin of Macaronesian *Sideritis* L. (Lamiaceae) inferred from sequences of two non-coding regions of chloroplast DNA.
- 2.- Paper presented: Evolution of *Sideritis* L. (Lamiaceae) in Macaronesia based on analysis of chloroplast and nuclear datasets.
- 3.- Paper presented: Phylogeny of the cycads (Cycadales) based on chloroplast DNA gene spacers and ITS rDNA sequences.
- 4.- Paper presented: Phylogenetics and evolution of *Aeonium* (Crassulaceae) and related genera on the Canary Islands.
- 7.- Paper presented: Tracing the origin of the Macaronesian endemic genus *Bystropogon* (Lamiaceae).
- 5.- Poster presented: Phylogenetic analysis of *Tolpis* (Asteraceae: Lactuceae) based on *ndhF* sequence data.
- 6.- Poster presented: Implications of chloroplast DNA variation from the evolution of the Macaronesian endemic genus *Pericallis* (Asteraceae: Senecioneae).

***16<sup>th</sup> International Botanical Congress, St. Louis, Missouri, 1999***

- 1.- Paper presented: Diversity, biogeography, and evolution of the flora of the Canary Islands.
- 2.- Paper presented: Origin and evolution of woodiness in the Macaronesian islands.
- 3.- Poster presented: Molecular evidence for the origin of endemic Inuleae (Asteraceae) in the Macaronesian archipelagos.
- 4.- Poster presented: The subtribe Gonosperminae (Compositae: Anthemideae): Phylogenetic inferences from ITS sequences of nuclear ribosomal DNA.
- 5.- Poster presented: Molecular systematics of the *Asteriscus* alliance: ETS, ITS and *ndhF* data.

***International Cycads Conference. Cycads 99, Miami, 1999***

- 1.- Paper presented: Molecular systematic studies in cycads.

***Plant Biologists of South Florida Annual Meeting. Florida Atlantic University, Davie, Florida, 1999***

- 1.- Paper presented: Research opportunities at the Florida International University – Fairchild Tropical Garden Plant Molecular Systematic Laboratory.

***American Institute of Biological Sciences. Annual Meeting. Baltimore, Maryland. 1998***

- 1.- Paper presented: Molecular evidence for the origin and evolution of the Macaronesian endemic genus *Pericallis*.
- 2.- Paper presented: Chloroplast DNA evidence for the evolution of the endemic subgenus *Marrubiastrum* (genus *Sideritis*: Lamiaceae) in Macaronesia.
- 3.- Paper presented: New and improved phylogeny of the *Asteriscus* alliance: Evidence from the external transcribed spacer of nrDNA.
- 4.- Paper presented: The external transcribed spacer of the rDNA repeat: A new means of resolving low level relationships in the Asteraceae and closely related families.

***Symposium, Flora and Fauna in the Atlantic Islands. Universidad dos Islas Açores, Portugal. 1998***

- 1.- Paper presented: Multiple origins of woodiness in the endemic Macaronesian genus *Pericallis*.
- 2.- Paper presented: Evolution of the *Asteriscus* alliance in the Macaronesian-Mediterranean region.

***American Institute of Biological Sciences. Annual meeting. Montreal, Canada. 1997***

- 1.- Paper presented: A Mediterranean origin of the Macaronesian endemic genus *Argyranthemum* (Asteraceae): evidence from molecular data.
- 2.- Paper presented: Phylogeographic and taxonomic inferences from phylogenetic analysis of ITS sequence data in *Nauplius* and *Asteriscus* (Asteraceae: Inuleae).
- 3.- Paper presented: Molecular evidence for the evolution of *Crambe* sect. *Dendrocrambe* (Brassicaceae) in the Macaronesian islands.
- 4.- Paper presented: Origin of the woody Sanguisorbae alliance (Rosaceae) in Macaronesia based on ITS sequence data.
- 5.- Paper presented: Relationships of the Canary Island endemic species of *Silene* (Caryophyllaceae) based on nuclear ribosomal internal transcribed spacer sequences.
- 6.- Paper presented: Adaptive radiation and genetic differentiation in the woody *Sonchus* alliance (Asteraceae: Lactuceae) in the Canary Islands.

***Symposium, Flora and Fauna in the Atlantic Islands. Universidad de Las Palmas de Gran Canaria. 1996***

- 1.- Paper presented: Molecular evidence for the origin and evolution of *Crambe* (Brassicaceae: Brassicaceae) in Macaronesia.
- 2.- Paper presented: Rapid radiation and a Mediterranean origin for the endemic Macaronesian genus *Argyranthemum*.
- 3.- Paper presented: ITS evidence for the evolution of *Sonchus* in Macaronesia.
- 4.- Paper presented: Multiple origins for *Lavatera* (Malvaceae) in Macaronesia: molecular and morphological data.

***American Institute of Biological Sciences. Annual Meeting. San Diego, California. 1995***

- 1.- Paper presented: DNA evidence for the evolution of *Argyranthemum* in the Macaronesian islands.
- 2.- Paper presented: Phylogenetic relationships in subtribe Sonchinae (Asteraceae) based on ribosomal DNA sequences from the ITS region.

- 3.- Paper presented: The origin and radiation of *Sonchus* in the Macaronesian islands: evidence from ITS sequences.

***American Institute of Biological Sciences. Annual Meeting. Knoxville, Tennessee. 1994***

- 1.- Paper presented: Genetic diversity in *Argyranthemum* in the Macaronesian islands.  
2.- Paper presented: Preliminary molecular data and the evolution of *Sonchus* in the Canary Islands.

***Conference, Evolution and Conservation in the Atlantic Islands. Manchester University 1990***

- 1.- Paper presented: Ecogeographical variation in the *Chamaecytisus proliferus* complex in the Canary Islands.  
2.- Poster presented: Collecting genetic resources of tagasaste (*Chamaecytisus proliferus* complex) in the Canary Island archipelago.

***Conference, Botanic Gardens and the World Conservation Strategies. Cordoba Botanic Garden 1987***

- 1.- Poster presented: Conservation status of Macaronesian endemic taxa from the Canary Islands.

**B. INVITED LECTURES**

Palmetum Botanic Garden, Canary Islands, December 2017

Gifford Arboretum, University of Miami, November 2017

Latin American and Caribbean Center of FIU, October 2017

Department of Biological Sciences, FIU, October 2017

Jardín Botánico de La Orotava, Canary Islands, July 2017

Jardín Botánico de La Orotava, Canary Islands, July 2016

Kampong Gardens, US National Botanic Garden, April 2016

University of Miami (Guest lecturer for undergraduate course on plant systematics, main instructor: Dr. Carol Horvitz), 2015.

The Botanic Garden of Montreal, Canada, 2015.

Florida International University (Plant Talk Series), 2015.

National Tropical Botanic Garden, The Kampong Gardens, Miami, 2014

Florida International University (Plant Talk Series), 2014.

Universidad de Puerto Rico, Departamento de Biología (Guest lecturer for undergraduate course on island biology, main instructor: Dr. Eugenio Santiago Valentin), 2013.

Florida International University (Plant Talk Series), 2013.

Fairchild Tropical Botanic Garden (Member Lecture Speaker), 2013.

Instituto de Estudios Canarios, Santa Cruz de Tenerife, Canary Islands, 2012.

USDA (Chapman Field Community Day), Miami, Florida, 2012.

Bahamas National Trust, Nassau, New Providence, The Bahamas, 2012

South China Botanic Garden, Guangzhou, China, 2012.

Universidad de Puerto Rico, Departamento de Biología (Guest lecturer for undergraduate course on island biology, main instructor: Dr. Eugenio Santiago Valentin), 2012.

National Tropical Botanic Garden, The Kampong Gardens, Miami, 2012.

Fairchild Tropical Botanic Garden – Member’s Lectures Series, 2011.

College of Forestry, Forestry University of Beijing, 2011.

Instituto de Estudios Canarios, Canary Islands, Spain, 2010.

Jardin Botanico de Xalapa, Instituto de Ecologia, Mexico, 2010.

Museum of Natural Sciences, Tenerife, Canary Islands, Spain, 2009.

National Botanic Garden of Dominican Republic, 2009.

University of Nanjing, 2008.

Fairchild Tropical Botanic Garden. 2008.

Museum of Natural Sciences, Tenerife, Canary Islands, Spain, 2008.

Natural History Museum of London, 2007.

Tropical Research Center, University of Florida, Homestead, Florida, 2005.

Consejo Superior de Investigaciones Científicas, Instituto de Productos Naturales y Agrobiología, Tenerife, Canary Islands, Spain, 2004.

Department of Biology, University of Miami, Miami, 2003.

New York Botanical Garden, New York, 2002.

United States Department of Agriculture, Subtropical Research Station, Miami, 2002.

Santa Barbara Botanic Garden, 2001.

Department of Botany, University of Washington, 2000.

Department of Biological Sciences, Florida Atlantic University, 2000.

Real Jardín Botánico de Madrid, Spain, 1998.

Department of Botany, University of Oslo, 1997.

Centro Interdisciplinario de Investigación para el Desarrollo Integral Regional, IPN, Durango, Mexico, 1994.

## **B. RESEARCH IN PROGRESS**

### ***Cycad Biodiversity:***

- Phylogeography, systematics, and conservation genetics of *Zamia* (Zamiaceae) in the Caribbean Islands.

***Palm Biodiversity:***

- Plant profiles of Caribbean Island palms.

***Systematics and Taxonomy:***

- Nomenclature and Systematics of genera endemic to the Canary Islands:

***History of Plant Exploration:***

- Plant-hunting expeditions by David Fairchild.
- Atlantic Island expeditions of Sir Joseph Dalton Hooker

***Macaronesian Plants:***

- Molecular systematics and evolution of *Bosea* (Amaranthaceae).

## FUNDED RESEARCH

Montgomery Botanical Center. Enhancing Academic and Research Links Between FIU Department of Biological Sciences and Montgomery Botanical Center. Principal Investigator: Javier Francisco-Ortega. 2024. \$15,768.

Montgomery Botanical Center. Enhancing Academic and Research Links Between FIU Department of Biological Sciences and Montgomery Botanical Center. Principal Investigator: Javier Francisco-Ortega. 2022-2023. \$49,318.

Montgomery Botanical Center. Phylogeography and Conservation Genetics of The Caribbean *Zamia* Clade: An Integrated Systematic Approach with SSRs and Single Copy Nuclear Genes. Principal Investigator: Javier Francisco-Ortega. 2020. \$166,443.

Bin Zayed Species Conservation Fund. Searching for *Tortuella*, an enigmatic plant genus endemic to Haiti. Principal Investigator: Javier Francisco-Ortega. Co-Principal Investigators: Brígido Peguero (National Botanic Garden, Dominican Republic), Brett Jestrow (Fairchild Tropical Botanical Garden), William Cayes (Botanic Garden of Cayes, Haiti). 2016-2017. \$10,000.

Mohamed Bin Zayed Species Conservation Fund. Conservation action plan for the critically endangered palm *Coccothrinax jimenezii*. Principal Investigator: Javier Francisco-Ortega. Co-Principal Investigators: Francisco Jimenez (National Botanic Garden, Dominican Republic), Patrick Griffith (Montgomery Botanical Center), William Cayes (Botanic Garden of Cayes, Haiti). 2012-2013. \$10,000.

National Science Foundation. Phylogeography and conservation genetics of the Caribbean *Zamia* clade: An integrated systematic approach with SSRs and single copy nuclear. Principal Investigator: Javier Francisco-Ortega, co-Principal Investigators: Alan Meerow (USDA), Patrick Griffith (Montgomery Botanical Center), and Dennis Stevenson (New York Botanic Garden). 2011-2013. \$457,530.

Mohamed Bin Zayed Species Conservation Fund. Conservation action plan for the critically endangered palm *Pseudophoenix lediniana* in Haiti. Principal Investigator: Javier Francisco-Ortega. Co-Principal Investigators: Alberto Veloz (National Botanic Garden, Dominican Republic), Patrick Griffith (Montgomery Botanical Center), William Cayes (Botanic Garden of Cayes, Haiti). 2012-2013. \$10,000.

Mohamed Bin Zayed Species Conservation Fund. Conservation biology of the critically endangered palm *Pseudophoenix ekmanii* in Dominican Republic. Principal Investigator: Alberto Veloz (National Botanic Garden, Dominican Republic), co-Principal Investigator: Javier Francisco-Ortega. 2009-2010. \$24,625.

Mohamed Bin Zayed Species Conservation Fund. Conservation biology of *Zamia lucayana* (Zamiaceae) on the Bahamas Islands. Principal Investigator: Javier Francisco-Ortega, co-Principal Investigators: Patrick Griffith and Michael Calonje (Montgomery Botanical Center) and Alan Meerow (USDA). 2009-2011. \$24,758.

Fairchild Tropical Botanic Garden (subcontract with Florida International University). Molecular systematic and conservation of Caribbean plants. Principal Investigator: Javier Francisco-Ortega. August 2004 – November 2009. \$187,318.

Royal Society, North America Incoming Short Visits Program (International Short Visits – North America – 2006/R1). Plant hunting in Macaronesia by Francis Masson: the plants sent to Linnaeus and Linnaeus filius. Principal Investigator: Charles Jarvis (Natural History Museum of London), co-Principal Investigators: J. Francisco-Ortega and Mark Carine (Natural History Museum of London). 2006. Sterling Pounds 5,000 (~\$15,000).

Fairchild Tropical Botanic Garden (subcontract with Florida International University). Molecular systematic and conservation of Caribbean plants. Principal Investigator: Javier Francisco-Ortega. May 2002 – August 2004. \$48,865.

Social Science Research Council, Working Group on Cuba. Bilateral capacity building in documentation and conservation of Cuban plant diversity. Principal Investigators: J. Pipoly (Fairchild Tropical Botanic Garden) and Cristina Panfet (Jardin Botanico Nacional de Cuba), collaborators: J. Francisco-Ortega, R. Oviedo (Instituto de Ecologia y Sistemática, Cuba), R. Verdecia (Jardin Botanico de Las Tunas, Cuba), and S. Zona (Fairchild Tropical Botanic Garden). 2003 – 2004. \$7,500.

Cuban Research Institute of FIU (funded by MacArthur Foundation), Biodiversity and Conservation of Cuban plants. Principal Investigator: Javier Francisco-Ortega, co-Principal Investigators: Angela Leiva (Jardin Botanico Nacional de Cuba), John Pipoly (Fairchild Tropical Botanic Garden). 2002. \$12,325.

National Science Foundation, Phylogenetic Systematics Program. 1996- 1999. Origin and evolution of Asteraceae endemic in the Macaronesian Islands. Principal Investigator: Robert K. Jansen (University of Texas at Austin), co-Principal Investigator: Javier Francisco-Ortega. \$149,987.

#### **FUNDED EDUCATIONAL ACTIVITIES**

National Science Foundation. Incubator Grant under the Research Coordination Networks in Undergraduate Biology Education. Incorporating a short but intensive botanical experience into formal college courses to alleviate plant blindness among undergraduate STEM students. Principal Investigator: Melissa McCartney. Co-Principal Investigators: Hon Liu and Javier Francisco-Ortega. AY 2019-2020. \$54,000.

Fairchild Tropical Botanic Garden (subcontract with Florida International University). Managing the Fairchild Challenge. Principal Investigator: Javier Francisco-Ortega. AY 2010 – 2011. \$65,368.

National Science Foundation, Undergraduate Mentoring in Environmental Biology. Principal Investigator: Javier Francisco-Ortega, co-Principal Investigator: Laurel Collins (Department of Earth Sciences, FIU). 2001-2004. \$435,000.

#### **OFFICES HELD IN PROFESSIONAL SOCIETIES**

Council Member at Large, American Society of Plant Taxonomists. 2010 – present.

Committee on Participation of Underrepresented Groups, Botanical Society of America. 2004-2006.

Chair of the Karling Award to Graduate Students Committee from the Botanical Society of America. 2003 – 2005.

Member of the Nomination Committee of the American Society of Plant Taxonomists. 2003.

## **OTHER PROFESSIONAL ACTIVITIES AND PUBLIC SERVICE**

### ***Education:***

Fairchild Tropical Botanic Garden, Department of Education. Post-secondary education advisor of the Fairchild Challenge (see Teaching Statement). AY 2010 – 2011.

Fairchild Tropical Botanic Garden, Department of Education. Manager of the Fairchild Challenge (see Teaching Statement). AY 2010 – 2011.

Undergraduate Mentoring in Environmental Biology (funded by NSF). Program Director. 2001-2004. \$435,000.

### ***Editorial Board in Professional Journals:***

Associate Editor, *Taxon*. 2010 – present.

Associate Editor, *Anales del Real Jardín Botánico de Madrid*. 2007 – present.

Associate Editor, *Revista de la Academia Canaria de Ciencias*. 2011 – present.

Associate Editor, *Moscosoa*. 2010 – present.

Associate Editor, *Systematic Botany*. 2006 – 2009.

### ***Professional Committees:***

Board of Trustees: Cayes Botanic Garden, Haiti. 2011 – present.

Panel member. Review panel for the Doctoral Dissertation Improvement Grant program of the National Science Foundation. 2010.

Member of the Advisory Committee of the Center for Research Excellence in Science and Technology Program – Center for Applied Tropical Ecology and Conservation (CREST – CATEC) of the University of Puerto Rico. 2002 – present.

Panel member. Review panel for the Undergraduate Research Mentoring program of the National Science Foundation. 2006.

Member of Biotic Structure Working Group of the Long Term Ecological Research Network. 2004.

Panel member. Review panel for the Research Experience for Undergraduate program of the National Science Foundation. 2003.

Panel Member of the National Scholarship Advisory Committee of the Organization of Tropical Studies. 2001-2002.

***Symposium and Foreign Course Organization:***

Symposium (with Brett Jestrow from Fairchild Tropical Botanic Garden, Ethan Freid from the Bahamas National Trust, and Dion Herpburn from the College of the Bahamas) “Celebrating 30 Years of the Flora of the Bahamas: Conservation and Science Challenges.” Symposium will take place in October 2012.

Symposium (with Dr. Eugenio Santiago from Universidad de Puerto Rico) on “Evolution on the Antilles: the Molecular Perspective”, 9<sup>th</sup> Latin-American Congress, Santo Domingo, Dominican Republic. 2006. Proceedings of the symposium were published as peer-reviewed papers in Botanical Review (Volume 74, Issue 1, 2008).

Symposium on “The Impact of Plant Molecular Systematics in Latin- American Countries”, 8<sup>th</sup> Latin-American Congress, Cartagena, Colombia, October 14<sup>th</sup> 17<sup>th</sup>, 2002. Proceedings of the symposium were published as peer-reviewed papers in Taxon (Volume 53, Issue 2, 2004).

Course on “Plant biodiversity conservation in tropical islands: A challenge for next millennium”, University of La Laguna, Tenerife (Canary Islands), July 24<sup>th</sup> - July 29<sup>th</sup>, 2000.

***Teaching in Foreign Institutions:***

Course on DNA and Conservation, University of the West Indies a Mona, Jamaica & Institute of Jamaica. July 2009. Funded by MacArthur Foundation. Invited Professor.

Course on Plant Molecular Systematics, Jardín Botánico Nacional, Cuba. December 2002. Invited Professor.

Course on Plant Biodiversity on Tropical and Subtropical Islands, Summer School of University of La Laguna, Tenerife, Canary Islands, July, 2000. Invited Professor.

Course on Plant Genetic Resources, Summer School of University of La Laguna, Tenerife, Canary Islands, July, 1999. Invited Professor.

Course on Plant Molecular Systematics, Jardín Botánico Viera y Clavijo, Las Palmas de Gran Canaria, Canary Islands, June-July 1996. Instructor.

Course on Plant Molecular Systematics, Instituto Canario de Investigaciones Agrarias, Tenerife, Canary Islands, July 1995. Instructor.

***Hosting of Professional Colleagues to Teach or Deliver Lectures at FIU:***

Dr. Eugenio Santiago-Valentín, Professor, Department of Biology, University of Puerto Rico, 2016, 2017, 2018.

Dr. Ramona Oviedo, Head of the Herbarium, Instituto de Ecología y Sistemática, Cuba. Visit was supported by Fairchild Tropical Botanic Garden. 2015, 2016, 2017.

Dr. Andrew Vovides, Director of Botanic Garden of Xalapa, INECOL, Mexico. Invited Professor to deliver a one week graduate workshop on “Plant Anatomy and Histology”. Workshop was supported by Florida International University, Fairchild Tropical Botanic Garden, and Montgomery Botanical Center. 2013.

Dr. Andrew Vovides, Director of Botanic Garden of Xalapa, INECOL, Mexico. Invited Professor to deliver a one week graduate workshop on “Plant Cytotaxonomy”. Workshop was supported by Florida International University, Fairchild Tropical Botanic Garden, and Montgomery Botanical Center. 2011.

Dr. John Dransfield, Head of Palm Program, Royal Botanic Gardens, Kew. Visit was supported by the UMEB Program and the Biological Symposium Committee. 2005.

Dr. Eugene Hargrove, Professor from Department of Philosophy and Religion Studies University of North Texas, TX. Visit was supported by the UMEB Program. 2003.

Dr. Jack Fisher, Senior Scientist, Fairchild Tropical Botanic Garden, Miami, FL. Visit was supported by the Biology Symposium Committee. 2004.

Dr. Ariel Lugo, Director of International Institute of Tropical Forestry, USDA, Puerto Rico. Visit was supported by the UMEB Program. 2003.

Dr. R. Gillespie, Professor from University of California, Berkeley, CA. Visit was supported by the UMEB Program. 2003.

Dr. Mike Maunder, Director, Fairchild Tropical Botanic Garden, Miami, FL. Visit was supported by the Department of Biological Sciences. 2003.

Dr. J. Doyle, Professor from Cornell University, NY. Visit was supported by the FIU Foundation. 2002.

Dr. Ross McPhee, Curator (Vertebrate Zoology) from the American Museum of Natural History, NY. Visit was supported by the UMEB Program. 2002.

Dr. A. Coates, Deputy Director of the Smithsonian Tropical Research Institute. Visit was supported by the UMEB Program. 2001.

Dr. B. M. Lomolino. Assistant Professor from State University of New York. Visit was supported by the FIU Foundation, Glaser Seminar Funds. 2002.

Dr. Alan Tye. Director of Research Charles Darwin Research Station, the Galapagos Islands. Visit was supported by the Tropical Biology Program of FIU. 2001.

Dr. B. Baldwin, Associate Professor from University of California, Berkeley. Visit was supported by the Tropical Biology Program of FIU. 1999.

***Hosting Research/Educational Visitors:***

Mr. Keron Campbell, Herbarium Curator, Natural History Museum, Jamaica, 2015, 2016.

Ms. Tracy Commock, Director, Natural History Museum, Jamaica, 2015, 2016.

Phil Rose, Associate Professor, University of the West Indies at Mona, Jamaica, 2015.

Lisbet Rodriguez, Researcher, Instituto de Ecología y Sistemática, Cuba, 2014.

Gabriel Brull, Director of Protected Areas, Empresa Flora y Fauna, Cuba, 2013.

William Cinea, Director, Botanic Garden of Cayes, Haiti, 2012, 2015, 2016, 2017.

Ethan Freid, Botanist, Bahamas National Trust, The Bahamas, 2012.

Arnoldo Santos-Guerra, Head of the Unidad de Botanica, Instituto Canario de Investigaciones Agrarias, Canary Islands, Spain. 2012.

Norma Corona, Director of Education Department from Jardín Botánico de Xalapa, Mexico. 2011.

Eugenio Santiago, Associate Professor from Universidad de Puerto Rico (Río Piedras). Length of visit: two weeks. Visit was supported by UPR-RP and Fairchild Tropical Botanic Garden. 2009.

Nirzka Martinez, graduate student from Universidad de Puerto Rico, Río Piedras (UPR-RP). Length of visit: two weeks. Visit was supported by UPR-RP and Fairchild Tropical Botanic Garden. 2007.

Danae Cabrera, graduate student from Instituto de Ecología (Xalapa, Mexico). Length of visit: one month. Visit was supported by a gift from the Bachelor Foundation to Fairchild Tropical Botanic Garden. 2007.

Isidro Ojeda, graduate student from University of British Columbia, Canada. Length of visit: two weeks. Visit was supported by the National Science Foundation (Morph Program). 2007.

Eldis Becquer, Researcher from Jardín Botánico Nacional of Cuba. Length of visit: one week. Visit was supported by Cuban Research Institute of FIU. 2005.

Dr. Juan Carlos Moreno, Associate Professor from Universidad Autónoma de Madrid, Spain. Length of visit: six months. Visit was supported by a grant from Ministry of Education, Spain. 2003 – 2004.

Ania Pinares, Researcher from Jardín Botánico Nacional of Cuba. Length of visit: 20 days. Visit was supported by Cuban Research Institute of FIU. 2004.

Dr. Mark Carine, Researcher from the Natural History Museum of London. Length of visit: one week. Visit was supported by a grant from Natural History Museum of London. 2003.

Belén Gutiérrez-Larena, graduate student from Real Jardín Botánico de Madrid. Length of visit: one month. Visit was supported by a grant from Consejo Superior de Investigaciones Científicas, Spain. 2001.

MS. Ramona Oviedo-Prieto, Herbarium Curator of Academia Nacional de Ciencias, Cuba. Length of visit: one week. Visit was supported by a grant from New York Botanical Garden. 2000.

Dr. Javier Fuertes, Researcher from Real Jardín Botánico de Madrid. Length of visit: one month. Visit was supported by a grant from Consejo Superior de Investigaciones Científicas, Spain. 1999.

***Undergraduate Student Supervision* (\* = students who published their research, see their papers in list of publications):**

\*María Camas (joined Medical School)

- \*Raquel Chavarria (preparing MCAT to join Medical School)
- \*Meily de León (joined Medical School)
- \*Eva Lisio (junior student in FIU)
- \*Arielle Jean-Louis (joined Dentistry School)
- \*Marie Madeleine Jean-Louis (joined the Miami-Dade Public School System as a teacher).
- \*Raquel Chavarria (preparing MCAT to join Medical School)
- \*Marlene Marimon (preparing MCAT to join Medical School)
- \*Rose Adme (joined Nursery School).
- \*Coral Burgos-Soler (preparing MCAT to join Medical School)
- Careen Beeler (joined South Florida Ecosystem Restoration Task Force).
- Yaney Gonzalez (joined Medical School).
- Daniel Mateo (joined graduate program in Chemistry Department, FIU).
- Andy Mederos (joined the Miami-Dade Public School System as a teacher).
- \*Sandra Namoff (joined Ph.D. program at Rancho Santa Ana Botanic Garden).
- \*Andy Davis (joined US National Park Service, Miami).
- Elena Paez (joined the Miami-Dade Public School System as a teacher).
- Margarita Vegas (joined USDA–APHIS–PPQ, Miami).
- \*Nicolas Espinosa (currently sophomore student at FIU, Biology Major).

***Graduate Student Supervision:***

**i) As Major Professor**

Nichole Tiernan, PhD (graduated in 2021) – Taxonomy and systematics of *Plumeria* L. (Apocynaceae) in the Caribbean Islands. Currently Director of Programs

Jonathan Flickinger, PhD (graduated in 2020) – Systematic studies in Myrtaceae of the Greater and Lesser Antilles.

Michael Calonje, PhD (graduated in 2019) - Molecular systematic and taxonomy of *Zamia* - A cycad genus restricted to the New World. As academic advisor. Research advisor: Dr. Alan Meerow (USDA). Currently. Cycad Biologist at Montgomery Botanical Center

Rosa Rodríguez, MS (graduate in 2014) – Genetic diversity of endemic species of *Pseudophoenix* (Arecaceae) in Hispaniola. Currently, PhD student at Ohio State University.

Nora Oleas, PhD (graduated in 2011) - Landscape genetics of *Phaedranassa* Herb. (Amaryllidaceae) in Ecuador. As academic advisor. Research advisor: Dr. Alan Meerow (USDA). Currently, Dean of Arts and Sciences at Universidad Tecnológica Indoamérica, Ecuador.

Brett Jestrow, PhD (graduated in 2010) - Phylogenetics, conservation, and historical biogeography of the West Indian endemic genera of the Adeliaeae (Euphorbiaceae). Currently, Director of Collections of Fairchild Tropical Garden.

Karen Laubengayer, MS (graduated in 2008) - *Aiphanes minima* (Gaertn.) Burret (Arecaceae): a morphological analysis of the Lesser Antillean species complex. As academic advisor. Research advisor: Dr. Scott Zona (Fairchild Tropical Botanic Garden). Currently, field research manager at Monsanto.

Jeremy Moynihan, PhD (graduated in 2008) - *Dioon* Lindl. (Zamiaceae): perspectives from phylogeny and a population genetic study of *D. edule*. Currently, working outside academia/research.

Brian Sidoti, MS (graduated in 2007) - A taxonomic revision of *Tillandsia fasciculata* Sw. (Bromeliaceae). As academic advisor. Research advisor: Dr. Scott Zona (Fairchild Tropical Botanic Garden). Currently, Ph.D. student at the University of Wisconsin.

Jennifer Trusty, PhD (graduated in 2005) - Plant biogeography and conservation on a tropical island: Isla del Coco, Costa Rica. Currently, Assistant Professor at Gulf Coast Community College ([http://www.gulfcoast.edu/natural\\_sciences/faculty/jennifer\\_trusty.htm](http://www.gulfcoast.edu/natural_sciences/faculty/jennifer_trusty.htm)).

Susan Carrara, MS (graduated in 2004) - Genetic variation among cultivated selections of mamey sapote (*Pouteria* spp. [Sapotaceae]). As academic advisor. Research advisor: Dr. Richard Campbell (Fairchild Tropical Botanic Garden). Currently, Adjunct Instructor (Biology) at Asheville-Buncombe Technical Community College (<http://abtech.edu/directory/eDirectory.asp?Letter=C>).

Nora Oleas, MS (graduated in 2004) - Genetic structure of *Phaedranassa tunguraguae* Ravenna Amaryllidaceae, an endangered species of Ecuador. As academic advisor. Research advisor: Dr. Scott Zona (Fairchild Tropical Botanic Garden). Currently, Assistant Professor at Universidad Tecnológica Indoamérica, Ecuador.

## ii) As co-Major Professor

Tracy Commock, PhD. Major Professor: Dr. Philip Rose, University of the West Indies at Mona, Jamaica - Systematics of the Jamaican genus *Dendrocousinsia* (Euphorbiaceae)

## ii) As Graduate Committee Member (♠ = Graduate student completed a significant portion of his/her research in Dr. Francisco-Ortega's laboratory)

Name	Degree Sought	Advisor	Status
♠Julissa Roncal	Ph.D.	David Lee	Graduated, 2005
Melanie Froimzon	M.S.	Martin Tracey	Graduated, 2005
Stephanie Douglas	M.S.	David Kuhn	Graduated, 2006
Robert Lowery	M.S.	Rene Herrera	Graduated, 2006
♠John Geiger	Ph.D.	Suzanne Koptur	Graduated, 2007
Inés Lee	M.S.	Martin Tracey	Graduated, 2008
Jason Downing	Ph.D.	Hong Liu	Graduated, 2016

Melissa Abdo	Ph.D.	Hong Liu	Graduated, 2017
Sara Edelman	Ph.D.	Jennifer Richards	Graduated, 2017
Steven Abood	Ph.D.	Alejandro Barbieri	Graduated, 2017
Wei Zhang	PhD	Alejandro Barbieri	Graduated, 2019
Steven Eichelbaum	Ph.D.	Alejandro Barbieri	Graduated, 2017
Cleopatra Pimienta	Ph.D.	Suzanne Koptur	Graduated, 2023
Matias de Angeli	M.S.	Oscar Valverde	Graduated, 2023
Christina Burns	Ph.D.	Dee Mills	Graduated, 2023
Kyoko Nakamura	Ph.D.	Jessica Liberles	In progress

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***Society Membership:***

American Society of Plant Taxonomists.

Hunt Institute for Botanical Documentation Documentation.

Academia das Ciências de Lisboa.

Linnean Society of London.

Botanical Society of America.

International Association for Plant Taxonomy.

Association for Tropical Biology and Conservation.

Instituto de Estudios Canarios (the few new members of this institute are appointed by recommendation by three other members).

Real Sociedad Económica de Amigos del Pais de Tenerife (appointed as foreign member, after recommendation by three other members of this society. This is the oldest cultural/academic society of the Canary Islands).

***Manuscript Reviewer:***

American Journal of Botany; Anales del Real Jardín Botánico de Madrid; Annales Botanici Fennici. Biological Conservation; Botanical Journal of the Linnean Society; Conservation Genetics; International Journal of Plant Sciences; Molecular Ecology; Molecular Phylogenetics and Evolution; Oryx; Plant Species Biology, Plant Systematics and Evolution; Proceedings of the National Academy of Sciences, U.S.A; Systematic Biology; Systematic Botany; Taxon.

***Grant/Award Reviewer:***

National Geographic Society, Biodiversity Inventories Program, National Science Foundation, International Palm Society Endowment Fund Grants, American Society of Plant Taxonomists ((1) Graduate Student Research Grants, (2) Peter Raven Award, and (3) Asa Gray Award.