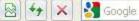


MBG: Research: REU









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# Plant Systematics, Conservation Biology, and Ethnobotany

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May 20 - July 29, 2012

REU Site: Undergraduate Research in Plant Systematics, Conservation Biology, and Ethnobotany at the Missouri Botanical Garden. (Supported by NSF award DBI-1157030)



















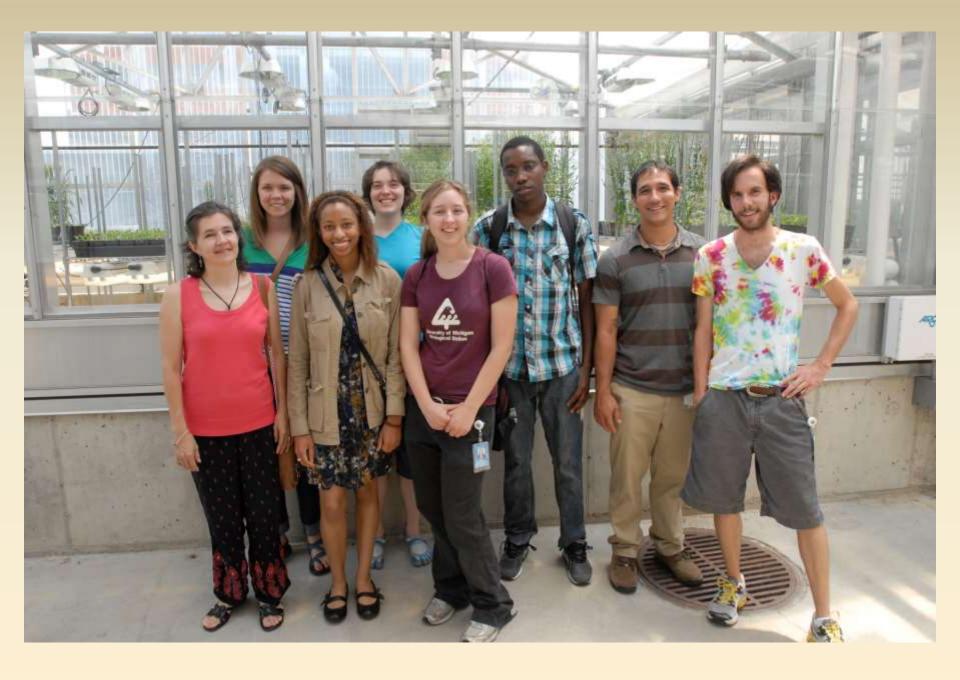


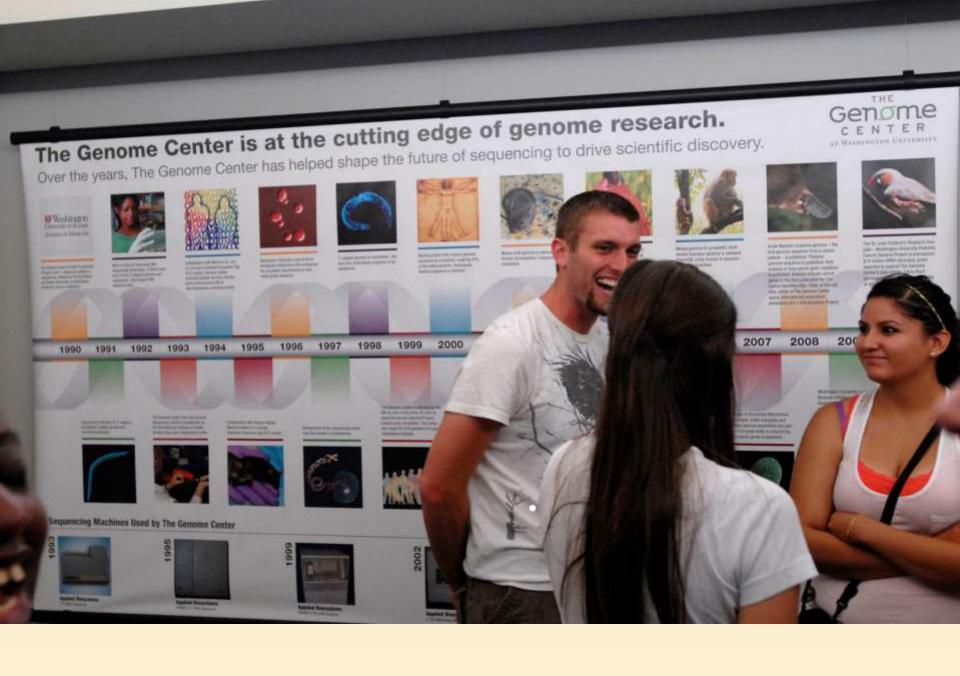
### 16 REU Lunch Seminars 2012

- **Doug Holland and Victoria McMichael** from the MBG Peter H. Raven Library. "Library and Electronic Resources for Botanical Research." May 25.
- Mauricio Diazgranados, Cynthia Hong Wa, Jordan Teisher, Jennifer Gruhn, Justin Zweck, Monica Carlsen, Shih-Hui Liu. Meet the MBG Graduate Students." May 28.
- Richard Keating, MBG Research. "Climbing Mount Kilamanjaro." May 31.
- **David Bogler**, MBG, REU Coordinator. "Classification and Phylogenetic Systematics: A review of concepts for novices with examples from the Agave Family." June 4.
- **Richelle Weihe**, MBG Federal Grants Coordinator. "Collaboration in Research: Issues and Best Practices." June 7.
- Shirley Graham, MBG Curator. "Lythraceae: the Loosestrife Family." June 11.
- **George Yatskievych**, MBG. "In Search of the Little Hermit. Describing a New Genus of Parasitic Plants from Mexico." June 14.
- **Tatyana Shulkina**, MBG and Komarov Botanical Institute, Russia. "The Caucasus one of the Biodiversity Hot Spots of the World." June 19.
- **Monica Carlsen**, MBG Research. "Understanding the origin and rapid diversification of the genus *Anthurium* Schott (Araceae) integrating molecular phylogenetics, morphology and fossils." June 21.
- **Matías Morales**, Instituto de Recursos Biológicos CNIA, Instituto Nacional de Tecnología Agropecuaria Argentina. "Systematics of the genus *Mimosa* (Mimosoideae, Leguminosae) in its southern South America diversification center: evolutionary inferences by mean multidisciplinary studies." June 25.
- **Tom Brutwell**, Danforth Center. Director of the ERAC Institute for Renewable Fuels. "Engineering C3/C4 Plants to increase productivity for biofuels." June 27.
- Peter Stevens, Professor of Biology at UMSL. "Do Species Numbers Matter?" July 5.
- Sandra Arango-Caro, MBG, REU Coordinator. "Etiquette in Science and Academics." July 17.
- **Jean Ponzi**, MBG Earthways Center, Green Resources Manager. "Community-Wide Greening: The Garden's Sustainability Efforts and Influences Internal, International and Around Our Town!" July 19.
- **Doug Ladd**, Director of Conservation Science at the Missouri Nature Conservancy. "Sustaining our natural heritage: a science-based approach." July 23.
- **Adam Smith**, Post-Doc, MBG CCSD, "Biogeographic Vulnerability of Threatened Plants to Climate Change." July 26.

### Thank You!!























# **Acknowledgements**

Sally O'Connor - NSF Chuck Sullivan - NSF Mary McNamara - arrangements Charles Zidar - moving Jan Simons - furniture Dianne Schmidt - checks Cheryl Mill - checks Gene Peimann - tickets James Trager - SNR tour Jim Solomon – Herbarium Karen Hill – news story Mike Latzel – web page Myriam Fica – web page Keith Warfield – room setup

