

**Texas A&M University-CAPES Research Grant Program
2014 Awarded Proposals**

The Influence of Land Use on the Ecohydrology and Biogeochemistry of the Brazilian Caatinga

Bradford P. Wilcox, Department of Ecosystem Science and Management, Texas A&M
Antonio Celso Dantas Antonino, Universidade Federal de Pernambuco (UFPE)

Heating Profiles and Propagation of Mesoscale Convective System in Amazonas

Courtney Schumacher, Department of Atmospheric Sciences, Texas A&M
Luiz Augusto Toledo Machado, Instituto Nacional de Pesquisas Espaciais/ Centro de Previsao de Tempo e Estudos Climaticos (INPE/CPTEC)

Amazonian and West Indian Manatee Immunogenetics

Michael Criscitiello, Department of Veterinary Pathobiology, Texas A&M
Maria Paula Cruz Schneider, Universidade Federal do Pará (UFPA)

Brucella spp. neuropathogenesis and vaccine development

Paul de Figueiredo, Veterinary Pathobiology, Texas A&M
Renato de Lima Santos, Universidade Federal de Minas Gerais (UFMG)

Development of Advanced Open-Source PMU/PDC Lab and Applications with Synchronized Data Obtained from Simulation and Actual Power Network

Mladen Kezunovic, Department of Electrical and Computer Engineering, Texas A&M
Glauco Nery Taranto, Universidade Federal do Rio de Janeiro (UFRJ)

Acai (Euterpe Oleraceae M.) as Brazilian Medicinal Plant with Anti-malaria Activities in vitro and in vivo

Susanne Talcott, Department of Nutrition and Food Science, Texas A&M
Luciana Azevedo, Universidade Federal de Alfenas (UNIFAL-MG)