

Previous CAPES-UT Awards, 2001-2007

CAPES-UT 2001 Awards

Pulsating White Dwarfs and Detection of Planets

Astronomy/Physics

Universidade Federal do Rio Grande do Sul:

Kepler de Souza Oliveira Filho

University of Texas at Austin: Donald Earl Winget

From NAFTA and Mercosul to ALCA: The Protection of the Weaker Parties? Legal Perspective

Law

Universidade Federal do Rio Grande do Sul: Claudia Lima Marques

University of Texas at Austin: William Powers

Inter-university Program for Human Resources Advanced Training on Petroleum and Natural Gas

Engineering

Universidade Federal de Ceará: Célio Loureiro Cavalcante Junior

University of Texas at Austin: Ekwere J. Peters

The Fertility Transition in Brazil: New Evidence

Demography

Universidade Federal de Minas Gerais: Eduardo L. G. Rios Neto

University of Texas at Austin: Joseph E. Potter

CAPES-UT 2002 Awards

Biosafety of Herbicides and Herbicide-Tolerant Crops: Effects on Soil Microorganisms and their Interaction with Plants

Molecular Cell and Developmental Biology

University of Texas at Austin: Mona C. Mehdy

Universidade de São Paulo: Marcio R. Lambais

Evolution and Metabolism of Fungi Symbiotic with Leafcutter Ants (Attni:Formicidae)

Integrative Biology

University of Texas at Austin: Ulrich Mueller

Universidade Estadual Paulista: Maurício Bacci Jr.

Infrastructures and Services for Information and Communication in Brazil and the United States: Regulation, Access, Contents and Technologies in the Information Society

Radio-Television-Film

University of Texas at Austin: Joseph Dean Straubhaar

Universidade Federal da Bahia: Othon Fernando Jambeiro Barbosa

Inverse Design of Equipment for Transient Thermal Processing

Mechanical Engineering

University of Texas at Austin: John R. Howell

Universidade Federal de Rio Grande do Sul: Francis Henrique Ramos França

Migration, Social Networks, and Intra-Urban Dynamics in the Metropolises in the State of São Paulo

Demography

University of Texas at Austin: Bryan Roberts

Universidade Estadual de Campinas: José Marcos Pinto da Cunha

CAPES-UT 2003 Awards

Adaptive Finite Elements and High Performance Computing

Civil Engineering, Applied Mathematics, and Computational Sciences

Project Coordinator in Brazil: Dr. Alvaro Luiz Gayoso de Azevedo Coutinho,

Center for Parallel Computing, Universidade Federal do Rio de Janeiro

Project Coordinator in U.S.: Dr. Graham F. Carey, Computational Fluid Dynamics Laboratory, Institute for Computational Engineering and Sciences, University of Texas at Austin

Development of Superconductor Materials for Electrical Power Sector

Mechanical Engineering

Project Coordinator in Brazil: Dr. Fernando Cosme Rizzo Assunção, Departamento de Ciência dos Materiais e Metalurgia, Pontifícia Universidade Católica do Rio de Janeiro

Project Coordinator in U.S.: Dr. Paulo Ferreira, Materials Science and Engineering Program, Department of Mechanical Engineering, University of Texas at Austin

Ethnic Territories and Indigenous Identities: A Comparison between Brazil and the United States

Anthropology and History

Project Coordinator in Brazil: Dr. João Pacheco de Oliveira Filho, Programa de Pós-graduação em Antropologia Social, Departamento de Antropologia, Museu Nacional, Universidade Federal do Rio de Janeiro

Project Coordinator in U.S.: Dr. Seth Garfield, Department of History, University of Texas at Austin

CAPES-UT 2004 Awards

SOCIAL SCIENCE

Youth, Education, and Juvenile Justice: Delinquency rehabilitation and prevention in Brazil and the United States -- The experiences of the States of Rio Grande do Sul and Texas

Social Work, Education, Law

Project Coordinator, Brazil: Dr. Merion Campos Bordas, College of Education, Universidade Federal do Rio Grande do Sul

Project Coordinator, USA: Dr. Lori Holleran, School of Social Work, University of Texas at Austin

Urban Space and Social Marginalization: The Case of the Metropolitan Region of Belo Horizonte

Sociology

Project Coordinator, Brazil: Dr. Cláudio Beato, Centro de Estudos de Criminalidade e Segurança Pública, Universidade Federal de Minas Gerais

Project Coordinator, USA: Dr. Peter Ward, Department of Sociology, and LBJ School of Public Affairs, University of Texas at Austin

Memory and Metaphors: An Interface Between Cognitive Psychology, Cognitive Linguistics, and Neuropsychology

Cognitive Psychology, Cognitive Linguistics, and Neuropsychology

Project Coordinator, Brazil: Dr. Lilian Milnitsky Stein, Graduate Department of Psychology, Pontifícia Universidade Católica do Rio Grande do Sul

Project Coordinator, USA: Dr. Valerie Reyna, Department of Psychology, University of Texas at Arlington

NATURAL SCIENCE

Nitrogen and hydrogen in high-k dielectric films on silicon

Field: Physics

Project Coordinator, Brazil: Dr. Israel J. R. Baumvol, Instituto de Física, Universidade Federal do Rio Grande do Sul

Project Coordinator, USA: Dr. Robert M. Wallace, Departments of Electrical Engineering and Physics, University of Texas at Dallas

Hydrogeological Potential of the Fissured and Karst Aquifers of the North-Central State of Bahia, Brazil

Earth and Environmental Science

Project Coordinator, Brazil: Dr. Johildo Salomão Figueredo Barbosa, Instituto de Física, Universidade Federal da Bahia

Project Coordinator, USA: Dr. Alan Dutton, Department of Earth and Environmental Sciences, University of Texas at San Antonio

Modeling and Synthesis of Structures for Hydrogen Storage

Technology

Project Coordinator, Brazil: Dr. Gleb Wataghin, Instituto de Física, Universidade Estadual de Campinas

Project Coordinator, USA: Dr. Ray Baughman, Department of Chemistry and Nanotech Institute, University of Texas at Dallas

MEDICINE

Development of new methods to investigate L. chagas infection of Lutzomyia longipalpis, the main insect vector for visceral leishmaniasis in Brazil

Pathology

Project Coordinator, Brazil: Dr. Yara M. Traub-Cseko, Senior Research Scientist, Fundação Oswaldo Cruz

Project Coordinator, USA: Dr. Peter W. Mason, Professor of Pathology, University of Texas Medical Branch, Galveston

ENGINEERING

Geosynthetics and other Recent Advances in Municipal and Hazardous Waste Containment Facilities

Civil Engineering

Project Coordinator, Brazil: Dr. Benedito de Souza Bueno, Departamento de Geotecnia, Escola de Engenharia em São Carlos, Universidade de São Paulo

Project Coordinator, USA: Dr. Jorge Zornberg, Geotechnical Engineering Center, Department of Civil Engineering, University of Texas at Austin

Emerging Architectural Frameworks for Optical Networks

Electrical and Computer Engineering

Project Coordinator, Brazil: Dr. Helio Waldman, Faculdade de Engenharia Elétrica e de Computação, Universidade Estadual de Campinas

Project Coordinator, USA: Dr. Andrea Fumagalli, Erik Jonsson School of Engineering and Computer Science, Electrical Engineering Department, University of Texas at Dallas

Electricity Market Research Center

Electrical Engineering

Project Coordinator, Brazil: Dr. Antonio Carlos Zambroni de Souza, Instituto de Sistemas Elétricos e Energia, Universidade Federal de Itajubá

Project Coordinator, USA: Dr. Elmira Popova, Graduate Program in Operations Research and Industrial Engineering, Department of Mechanical Engineering, The University of Texas at Austin

CAPES-UT 2007 Awards

SOCIAL SCIENCE

Adolescent Fertility and Religion in Belo Horizonte, Minas Gerais

Demography

Project Coordinator, Brazil: Dr. Paula Miranda-Ribeiro, Centro de Desenvolvimento e Planejamento Regional, Faculdade de Ciências Econômicas, Universidade Federal de Minas Gerais

Project Coordinator, USA: Dr. Joseph Potter, Population Research Center, University of Texas at Austin

Building Research Capacity for Physical Activity and Public Health in Brazil

Public Health

Project Coordinators, Brazil: Dr. Rodrigo Siqueira Reis

Centro de Teologia e Ciências Humanas, Pontifícia Universidade Católica do Paraná; Dr. Pedro Rodrigues Curi Hallal, Faculdade de Medicina, Universidade Federal de Pelotas

Project Coordinator, USA: Dr. Harold Kohl, III, Michael & Susan Dell Center for Advancement of Healthy Living Austin Regional Campus, School of Public Health, University of Texas at Austin

Supply Chain, operations strategy and business strategy in the companies operating in Brazil, United States and Mexico

Administration

Project Coordinator, Brazil: Dr. Yeda Swirske de Souza, UNICAMP

Project Coordinator, USA: Dr. Hale Kaynak, University of Texas Panamerican

HUMANITIES

Diasporic/Atlantic Identities in Transit: Black Cultural Areas in Africa, Brazil and the Caribbean

History

Project Coordinator, Brazil: Dr. Maria Antonieta Antonacci, Pontifícia Universidade Católica São Paulo

Project Coordinator, USA: Dr. Jossianna Arroyo Martinez, Department of Spanish and Portuguese, University of Texas at Austin

Economic, Human, and Social Quality in Higher Education: Brazil-U.S.A

Education

Project Coordinator, Dr. Marília Costa Morosini, Faculdade de Educação, Pontifícia Universidade Católica do Rio Grande do Sul

Project Coordinator, USA: Dr. Patricia Somers, Department of Education Administration, College of Education, University of Texas at Austin

NATURAL SCIENCE

Biosafety of Herbicides: Effects on Soil Prokaryote Communities and Mycorrhiza Development

Biology

Project Coordinator, Brazil: Dr. Márcio Rodrigues Lambais, Escola Superior de Agricultura Luiz de Queiroz, Universidade de São Paulo

Project Coordinator, USA: Dr. Mona C. Mehdy, Section of Molecular Cell and Developmental Biology, College of Natural Sciences, University of Texas at Austin

Herpetofauna of the Central Cerrado of Brazil: A Search for the Evolutionary Hotspots with Implications for Conservation

Biology

Project Coordinator, Brazil: Dr. Guarino Rinaldi Colli, Departamento de Zoologia, Instituto de Ciências Biológicas, Universidade de Brasília

Project Coordinator, USA: Dr. Eric R. Pianka, Section of Integrative Biology, College of Natural Sciences, University of Texas at Austin

MEDICINE

Balancing Prognostic Covariates in Clinical Trial Planning

Statistics

Project Coordinator, Brazil: Dr. Carlos Alberto de Bragança Pereira, Departamento de Estatística, Instituto de Matemática e Estatística, Universidade de São Paulo

Project Coordinator, USA: Dr. Peter Mueller, Department of Biostatistics, M.D. Anderson Cancer Center

Brazil-U.S. Alliance Against Zoonotic Tuberculosis

Pediatric Medicine

Project Coordinator, Brazil: Dr. Ana Paula Junqueira Kipnis, Instituto de Patologia Tropical e Saúde Pública, Universidade Federal de Goiás

Project Coordinator, USA: Dr. D. Mark Estes, University of Texas Medical Branch and M.D. Anderson Cancer Center- Department of Pediatrics, Department of Microbiology and Immunology, Sealy Center for Vaccine Development, Center for Biodefense and Emerging Infectious Diseases.

Large Scale Analysis of the Prostate Tumor Transcriptome to Identify Prognostic Markers for Gleason 7 Tumors

Molecular Biology

Project Coordinator, Brazil: Dr. Maria Carraro Hospital Camargo, Universidad de São Paulo

Project Coordinator, USA: Renata Pasqualini, University of Texas Anderson Medical Center

Identification of Patterns of Genetic Expression Associated to the Development of Nonatopic Asthma in Childhood

Pediatric Medicine

Project Coordinator, Brazil: Dr. Renato Tetelbom Stein

Instituto de Pesquisas Biomédicas, Faculdade de Medicina, Pontifícia, Universidade Católica do Rio Grande do Sul

Project Coordinator, USA: Dr. Octavio Ramilo, Division of Pediatric Infectious Diseases, Southwestern Medical Center at Dallas

T-cell Therapy for All: Towards the Development of Clinical-Grade Genetically Modified T Cells for Brazilian Applications

Pediatric Medicine

Project Coordinator, Brazil: Dr. Lúcia Mariano da Rocha Silla, Hospital de Clínicas de Porto Alegre, Faculdade de Medicina, Departamento de Medicina Interna

Project Coordinator, USA: Dr. Lawrence J.N. Cooper, Section of Cell Therapy, Division of Pediatrics, M.D. Anderson Cancer Center

ENGINEERING

Modeling of Thermal Radiation in Combustion Processes

Mechanical Engineering

Project Coordinator, Brazil: Dr. Francis Henrique Ramos França, Departamento de Engenharia Mecânica, Universidade Federal do Rio Grande do Sul

Project Coordinator, USA: Dr. Ofodike Ezekoye, Department of Mechanical Engineering, Cockrell College of Engineering, University of Texas at Austin

For more information, contact the Brazil Center, Teresa Lozano Long Institute of Latin American Studies, University of Texas at Austin at: tel. +1 (512) 471-8418 or e-mail brazil@uts.cc.utexas.edu.