

June 6, 2012

UGPN Research Collaboration Fund – 2012 Award Winners

The University Global Partnership Network (UGPN) sets out to create a foundation for international collaboration enabling academics and students from some of the world's top universities to work together on issues of global importance. North Carolina State University, the University of São Paulo and the University of Surrey are the founding partners of the UGPN. The mission of the UGPN is to develop sustainable world-class research, education and knowledge transfer through an active international network of selected Universities collaborating in research, learning and teaching to benefit global society. The UGPN focuses on two priority areas: (a) promoting global graduates: student experience and employability and (b) promoting research with global impact.



The UGPN Fund is designed to support high quality research collaboration across the partner universities, provided by North Carolina State University, University of São Paulo, and the University of Surrey. We received a total of 39 proposals covering a wide range of disciplines from Engineering to Politics, Genetics to Film Studies, and Urban Planning to Bioenergy.

The UGPN is pleased to announce the fully-funded proposals from the inaugural UGPN Research Collaboration Fund for 2012. With more than \$180,000 contributed from the UGPN partners, eight proposals were selected after an evaluation process across the three universities. We would like to congratulate the following faculty for their successful proposals, which will support substantive engagement and lead to publication of joint papers, workshops or development of subsequent research bids.

The eight successful proposals are listed below:

Collaborators	Project Title
Dr. Alex Smirnov, Chemistry, North Carolina State University Dr. Antonio José Costa-Filho, Physics, University of São Paulo Dr. David A. Bradley, Physics, University of Surrey	"Interdisciplinary Studies of Bio-Nano Interfaces"
Dr. Richard Venditti, Forest Biomaterials, North Carolina State University Dr. Francides Gomes Da Silva Júnior, Forest Sciences, University of São Paulo Dr. Matthew Leach, Centre for Environmental Strategy, University of Surrey	Creating Carbon Neutral Nations
Dr. Mario Pedrazzoli, School of Arts, Sciences and Humanities, University of São Paulo Dr. Malcolm von Schantz, Biochemistry and Physiology, University of Surrey Dr. Trudy Mackay, Genetics, North Carolina State University	Genes and Behaviour — formation of a UGPN-wide network

<p>Dr. Subrayal Medapati Reddy, Chemistry, University of Surrey</p> <p>Dr. Roger Narayan, Biomedical Engineering, North Carolina State University</p> <p>Dr. Thiago Paixão, Chemistry, University of São Paulo</p>	<p>Integration of smart materials with pattern recognition and nanofabrication techniques for the development of novel electrochemical disease diagnostics.</p>
<p>Dr. José Roberto Castilho Piqueira, Telecommunications Engineering and Control University of São Paulo</p> <p>Dr. Claudia Wulff, Maths University of Surrey</p>	<p>Synchronization of Time-Delay Coupled Networks</p>
<p>Dr. Sandra Vasconcelos, Modern Literature University of São Paulo</p> <p>Dr. Justin Edwards, English University of Surrey</p>	<p>TRANS: Transnationalism, Translation and Travel in Literary and Cultural Studies</p>
<p>Dr. Claudia Roberta de Castro Moreno, Public Health University of São Paulo</p> <p>Dr. Debra Skene, Health University of Surrey</p>	<p>Work schedules, light exposure and their effects on sleep, biological rhythms and wellbeing of workers in an Amazon extractive reserve</p>
<p>Dr. Mark Nance, Public & International Affairs North Carolina State University</p> <p>Dr. Amâncio Jorge Silva Nunes de Oliveira, Political Science, University of São Paulo</p>	<p>The Politics and Public Opinion of International Trade: A comparative perspective</p>

Further information can be found at www.ugpn.org.