The Centers for Global Advancement and International Affairs (GAIA Centers), with support from the Executive Vice President for Academic Affairs and the Office of the Vice President for Research and Economic Development, announced the winners of more than $200,000 in funding as part of its first cycle of international funding opportunities.

The international funding opportunities are designed to foster deeper engagement in international teaching and research. In all, 27 grants were awarded for a total of $201,000. 25 grants were awarded in three categories:

- **12 International Collaborative Research Grants** were awarded, which support international research, projects, and programs initiated by faculty with scholars in one of three focus countries: Brazil, China, or India.

- **5 International Course Development Grants** were awarded, which support the development of a new graduate or undergraduate course or a substantial revision of an existing course with an explicit focus on Brazil, China, or India.

- **8 Faculty and Graduate Students Interdisciplinary Working Groups in Global and International Research** were awarded, which support faculty and graduate students pursuing collaborative and scholarly activities that significantly strengthen the university’s international agenda and visibility.

In addition, 2 grants were awarded for **Partnership Development**. These grants support projects that have the potential to make an important contribution to the expansion of Rutgers’ institutional partnerships.

“We are thrilled to be able to fund a wide range of innovative and exciting international proposals across the university,” said Joanna Regulska, vice president for international and global affairs. “The large number of proposals we received indicates the variety of international work being done by faculty and students on all three Rutgers campuses.”

A selection committee reviewed each application by field of study and by geographic region. Funds will be available to recipients beginning January 2013 and will be available for two years.

“I want to extend my sincerest thanks to our faculty selection committee for their diligent efforts to review our applications,” Regulska said. “Their expertise ensured that the selected proposals were of the highest quality.”

The recipients of the international funding opportunities, listed by PI, are:

**International Collaborative Research Grants (Brazil, China, and India)**
• Dr. Tewodros (Teddy) Asefa, Department of Chemistry and Chemical Biology, School of Arts and Sciences, Rutgers – New Brunswick
  *Rational Design and Synthesis of Highly**\( \text{Crystalline Mesoporous Metal Oxide Thin Films with Bimodal Pores for Efficient Electron Transport, Charge Storage, Electro} \)\( \text{Catalysis and Visible Light Activation}\)
• Dr. Yee Chiew, Department of Chemical and Biochemical Engineering, School of Engineering, Rutgers–New Brunswick
  *Novel pH-responsive Self-Assembling Polymer Nano-Carriers for Drug Delivery*
• Dr. Chia-Yi Chiu, Department of Educational Psychology, Graduate School of Education, Rutgers–New Brunswick
  *A General Heuristic Approach to Cognitive Diagnosis: Theory and Applications*
• Dr. Maureen Donaghy, Department of Political Science, Camden College of Arts and Sciences, Rutgers–Camden
  *Health in Vespasiano, Brazil: Evaluating Environmental, Social, and Institutional Effects on Health Opportunities*
• Dr. Daniel Gimenez, Department of Environmental Sciences, School of Environmental and Biological Sciences, Rutgers–New Brunswick
  *Understanding the Contribution of Soils to the Hydrological Cycle of the Amazon Region: A Collaboration between the University of São Paulo and Rutgers University*
• Dr. Radha Jagannathan, Bloustein School of Planning and Public Policy, Rutgers–New Brunswick
  *International Human, Social and Economic Capital Survey*
• Dr. Preetha Mani, Department of African, Middle Eastern, and South Asian Languages and Literatures, School of Arts and Sciences, Rutgers–New Brunswick
  *Indian Literature as Comparative Literature: Regional Modernisms and the Idea of Indian Literature*
• Dr. Karl Matthews, Department of Food Science, School of Environmental and Biological Sciences, Rutgers–New Brunswick
  *Enhancement of the microbial food safety of foods produced in China and the United States: Research facilitating student scholar exchange*
• Dr. Sean T. Mitchell, Department of Sociology and Anthropology, Newark College of Arts and Sciences, Rutgers–Newark
  Dr. Micaela Kramer, Department of Spanish and Portuguese Studies, Newark College of Arts and Sciences, Rutgers–Newark
  *Imaginaries of Violence: Literary and Anthropological Approaches to the Transformations of Rio de Janeiro*
• Dr. Jerry W. Shan, Department of Mechanical & Aerospace Engineering, School of Engineering, Rutgers–New Brunswick
  *Graphene Suspensions as High-Performance Metalworking Nanofluids for Advanced Manufacturing*
- Dr. Sue Shapses, Department of Nutritional Sciences, School of Environmental and Biological Sciences, Rutgers–New Brunswick
  *Pilot study of metabolic syndrome in resident and immigrant Indian young adults: role of diet and other factors*

- Dr. Tetsuji Yamada, Department of Economics, Camden College of Arts and Sciences, Rutgers–Camden
  *Health and Healthcare Integration in China and the U.S.; and Institutional Curriculum Development and Exchange Program of Health Sciences related Scholars and Students with an Establishment of Collaborative Network of Health-Science Center*

Faculty and Graduate Students Interdisciplinary Working Groups in Global and International Research

- Dr. Francis Barchi, Institute for Women’s Leadership, Rutgers-New Brunswick
  *Rutgers-University of Botswana Interdisciplinary Working Group: A cross-national comparison of student activism around key themes of the ICPD Programme of Action*

- Dr. Chien-Chung Huang, Huamin Research Center, School of Social Work, Rutgers–New Brunswick
  *A Network of Nonprofit Management and Social Enterprise Researches in China and the United States*

- Dr. Tania Lopez-Marrero, Department of Geography and Department of Latino and Hispanic Caribbean Studies, School of Arts and Sciences, Rutgers–New Brunswick
  *Promoting Community Adaptation and Resilience in the Insular Caribbean (PROCARIB)*

- Dr. Yolanda Martinez-San Miguel, Institute for Research on Women, Rutgers–New Brunswick
  *Transnational Feminism and Queer Theory: Epistemological Challenges*

- Dr. Shari Munch, School of Social Work, Rutgers–New Brunswick
  *Health Social Workers in Romania: Building the Research Infrastructure Necessary to Design a Frontline Workforce Study*

- Dr. Thomas K. Rudel, Department of Human Ecology and Department of Sociology, School of Environmental and Biological Sciences, School of Arts and Sciences, Rutgers–New Brunswick
  *Land Use Transitions in the Tropics*

- Dr. Tobias Schulze-Cleven, School of Management and Labor Relations, Rutgers–New Brunswick
  *Capitalism and Democracy in Conflict? Governing Work in the Global Economy*

- Dr. Charles Watters, Department of Childhood Studies, Camden College of Arts and Sciences, Rutgers–Camden
  *Rutgers University-Universidade Catolica de Brasilia Research Networks*

International Course Development Grants (Brazil, China, and India)
• Dr. Tamar Barkay, Department of Biochemistry & Microbiology, School of Environmental and Biological Sciences, Rutgers–New Brunswick
  "We are all in it together": the globality of environmental problems
• Dr. Mary Curran, Graduate School of Education, Rutgers–New Brunswick
  The Elephant and the Dragon: Education in India and China
• Dr. Tatiana Flores, Department of Art History, School of Arts and Sciences, Rutgers–New Brunswick
  Of Jungles of Trees and Concrete: Brazilian Culture from the Conquest to the Contemporary
• Dr. Briance Mascarenhas, School of Business, Rutgers–Camden
  Comparative Entrepreneurship: Brazil and the United States
• Dr. Susan M. Norris, School of Nursing, Rutgers–Camden
  Health and Health Care in Brazil: A Service Learning Journey

Partnership Development

• Dr. Kyle Farmbry, School of Public Affairs and Administration, Rutgers–Newark
  Community Explorations: Developing Seminars and Internships in South Africa's Western Cape
• Dr. Judy Postmus, School of Social Work, Rutgers–New Brunswick
  Interdisciplinary GBV working Group in Sub-Saharan Africa

The GAIA Centers congratulate all award recipients for their outstanding proposals and wish them success as they advance Rutgers’ international agenda.