

Fund for the Improvement of Postsecondary Education (FIPSE)
European Union-United States Atlantis Program
FY 2006 New Awards by Award Number

P116J060002

Title: Transatlantic Institutional Environmental Policy in Relation to Environmental Education

U.S. Lead: University of Wisconsin (WI)

EU Lead: Universidad da Seville, Spain

Project Description: A two-year policy project to evaluate the environmental policies of institutions that affect natural resources and relate findings to educational policy. The project will examine targeted environmental systems and map historical and current changes in environmental policies and the interaction of institutions in their management. Case studies of European Union (EU) and United States (U.S.) environmental systems will serve as lessons learned and best practice for guidelines that will inform new educational materials.

Total Funding: \$65,000 (two years)

U.S. Contact: Michael Adams, University of Wisconsin, Department of Botany, 430 Lincoln Drive, Madison, WI 53706-1381; 608-231-1176; msadams@wisc.edu

EU Contact: Francisco Garcia Novo, Faculty of Biology, University of Seville, Spain

P116J060005

Title: International Learning Environment for Real Time Software Intensive Control Systems

U.S. Lead: Embry-Riddle Aeronautical University (FL)

EU Lead: AGH University of Science and Technology, Poland

Project Description: A two-year policy project to develop a methodology for a multinational curriculum to train students for international collaboration on safety related real time software intensive control systems. The curriculum to be developed will be based on an examination of existing computer science, system controls, and software engineering. The framework for developing this curriculum will serve as a model for other transatlantic engineering programs.

Total Funding: \$65,000 (two years)

U.S. Contact: Andrew Kornecki, Embry-Riddle Aeronautical University, 600 South Clyde Morris Blvd, Daytona Beach, FL 32114-3900; 386-226-6888; korneck@erau.edu

EU Contact: Wojciech Grega, Faculty of Science, AGH University of Science and Technology, Krakow, Poland

P116J060007**Title: A Transatlantic Dual Degree Program in International Business, Finance, and Marketing**

U.S. Lead: Western Illinois University (IL)

EU Lead: Ecole de Commerce Europeenne, France

Project Description: A four-year dual degree project in international business, finance, and marketing. Students will study abroad for 13 months and receive two degrees in a choice of the three disciplines. The total time to degree completion is four years plus one summer.

Total Funding: \$696,000 (four years)

U.S. Contact: Douglas Druckenmiller, Western Illinois University, Department of Information Management, Macomb, IL 61455, 303-762-9481; da-druckenmiller@wiu.edu

EU Contact: Ruchi Anand, Ecole de Commerce Europeenne, Faculty of International Business, 1 Place des Ormeaux, Valence, France; ruchianads@hotmail.com

P116J060010**Title: A Transatlantic Dual Degree Program in Psychology**

U.S. Lead: Marshall University (WV)

EU Lead: Warsaw School of Social Psychology, Poland

Project Description: A four-year dual degree project in the field of psychology. Students will study abroad for a year to fifteen months and earn two degrees. The total time to degree completion is four years. The dual degree will give students a multinational and multicultural perspective and will broaden their understanding of the discipline as it is practiced in Europe and the United States.

Total Funding: \$432,000 (four years)

U.S. Contact: William Wyatt, Marshall University, Department of Psychology, 401 11th Street, Huntington, WV 25701; 304-69-2731; wyatt@marshall.edu

EU Contact: Wojciech Pisula, Warsaw School of Social Psychology, Krakow, Poland

P116J060013**Title: Transatlantic Curricula Oenology, Viticulture, and Natural Products**

U.S. Lead: Appalachian State University (NC)

EU Lead: Universite degli Studi di Udine, Italy

Project Description: A two-year policy project to create a joint undergraduate curriculum in principles of value-added agriculture as applied to oenology, viticulture, and natural products. The project will focus on the creation of a curriculum with an emphasis on the interplay of high value agricultural production and regional economic productivity. The project activities include the analysis of curricula,

institutional effectiveness, and EU and United States economic development issues on high value agricultural production.

Total Funding: \$65,000 (two years)

U.S. Contact: Grant Holder, Appalachian State University, Department of Chemistry, 525 Rivers Street, ASU Box 32036, Boone, NC 28608; 828-262-2757; holdergn@appstate.edu

EU Contact: Enrico Peterlunger, Universite degli Studi di Udine, Faculty of Agrarian Sciences, Via delle Scienze 208, I-33100 Udine, Italy

P116J060015

Title: A Transatlantic Dual Degree Program in Mechanical Engineering

U.S. Lead: Virginia Polytechnic University (VA)

EU Lead: Technical University of Darmstadt, Germany

Project Description: A transatlantic dual degree program in mechanical engineering. Students will study abroad three academic terms and earn two engineering degrees. The time to degree completion is the same as that for a single degree. The project will demonstrate the implementation of a dual undergraduate engineering degree as part of the Bologna Process, first cycle. The partners will also study the option of funding dual masters degrees as a result of this project.

Total Funding: \$672,000 (four years)

U.S. Contact: Jan Helge Bohnf, Virginia Polytechnic University, Department of Mechanical Engineering, Blacksburg, VA 24601; 154-023-1327; bohn@vt.edu

EU Contact: Josef Hampe, University of Darmstadt, Department of Mechanical Engineering, Darmstadt, Germany

P116J060016

Title: Benchmarking Nonprofit Organizations and Philanthropy Educational Programs

U.S. Lead: Indiana University—IUPUI (IN)

EU Lead: University of Bologna, Italy

Project Description: The two-year policy project will analyze existing degree and non-degree programs in nonprofit management, social entrepreneurship, and philanthropic studies in the United States and Europe. Outcomes for the project include a database of educational programs, qualitative analysis of educational programs, and setting up requirements for internships. The consortium plans to develop an undergraduate and graduate template for a degree curriculum.

Total Funding: \$65,000 (two years)

U.S. Contact: Dwight Burlingame, Indiana University (IUPUI), Department of Public and Environmental Affairs, 550 West North Street, Indianapolis, IN 46202; 317-274-8490; dburling@iupui.edu

EU Contact: Guiliana Gemelli, University of Bologna, Faculty of History, Bologna, Italy

P116J060017

Title: A Transatlantic Dual Degree Program in Sensor Technology and Robotic Systems

U.S. Lead: Florida Institute of Technology (FL)

EU Lead: Budapest University of Technology and Economics, Hungary

Project Description: A four-year dual degree program in the specialization of sensor technology and robotic systems within the field of engineering. Students from the disciplines of electrical, computer, software, system, ocean, and poly-technical engineering will be able to earn a dual degree with this added specialization. The study abroad portion of the degree program is one full academic year.

Total Funding: \$423,000 (four years)

U.S. Contact: Charles Bostater, Florida Institute of Technology, College of Engineering, 150 West University Blvd., Melbourne, FL 32901; 321-674-7113; bostater@probe.pcn.fit.edu

EU contact: Balint Kiss, Budapest University of Technology and Economics, Faculty of Electrical Engineering, Budapest, Hungary

P116J060018

Title: A Transatlantic Dual Degree Program in Chemistry

U.S. Lead: University of Kansas (KS)

EU Lead: Regensburg University, Germany

Project Description: A four-year dual degree program in chemistry. The consortium will implement a dual degree program that will focus on the specializations of green chemistry, medicinal chemistry, parallel synthesis, protein structure and function, and sensing chemistry. The total time for the study abroad will be one full academic year. Special opportunities for training and research will be provided in the context of a bachelor's thesis.

Total Funding: \$423,000 (four years)

U.S. Contact: Jeffrey Aube, University of Kansas, Department of Medicinal Chemistry, 1251 Wescoe Hall, Lawrence, KS 66045-7582; 785-864-4496; jaube@ku.edu

EU Contact: Oliver Reiser, University of Regensburg, Faculty of Chemistry, Regensburg, Germany

P116J060019**Title: A Transatlantic Degree Program in International Business**

U.S. Lead: Canisius College (NY)

EU Lead: University of Antwerp, Belgium

Project Description: A four-year dual degree program in international business. The program will focus on the specialization of regional business enterprises and the affect of cultural differences in international business. The study abroad time is one full academic year.

Total Funding: \$509,000 (four years)

U.S. Contact: Coral Snodgrass, Canisius College, Department of Management and Marketing, 2001 Main Street, Buffalo, NY 14208; 716-888-2607

EU Contact: Liliana Van Hoof, University of Antwerp, Faculty of Applied Economics, Prinsstraat 13, Antwerp, Belgium; liliana.vanhoof@ua.ac.be

P116J060022**Title: Evolving Biological Engineering Studies**

U.S. Lead: Virginia Polytechnic University (VA)

EU Lead: Agricultural University of Athens, Greece

Project Description: A two-year policy project that focuses on the changing environment of biological systems engineering. Both the United States and European institutions have evolved over the last decade from agriculturally based studies of the environment to one that focuses more on an engineering and structural approach. This project will analyze programs in Europe and the United States to develop a shared curricular approach.

Total Funding: \$65,000 (two years)

U.S. Contact: Saied Mostaghimi, Virginia Polytechnic University, Biological Systems Engineering Department, Blacksburg, VA 24060; 540-231-7605; smostagh@vt.edu

EU Contact: Demetres Briasoulis, Agricultural University of Athens, Agricultural Engineering Department, Athens, Greece

P116J060029**Title: A Transatlantic Dual Degree in Economics**

U.S. Lead: Clemson University (SC)

EU Lead: Catholic University of Louvain, Belgium

Project Description: A four-year dual degree program in economics. The program will be implemented that takes advantage of each partner's academic strengths in economics. Students will earn a dual degree with three academic terms abroad and study as a single cohort in the degree program.

Total Funding: \$624,000 (four years)

U.S. Contact: Mark McKnew, Clemson University, College of Business and Behavioral Science, Clemson, SC 29634; 864-656-2685; mamckn@clemson.edu

EU Contact: Michel De Vroey, Catholic University of Louvain, Department of Economics, Louvain-la-Neuve, Belgium devroey@ires.ucl.ac.be

P116J060033

Title: Accreditation in Engineering Training and Education

U.S. Lead: University of Wisconsin (WI)

EU Lead: University of Porto, Portugal

Project Description: A two-year policy project to study quality assurance issues in transatlantic engineering. The project will focus on the curricula of continuing education and training for engineers. The outcomes of the project are the applicability of the best practice methods across institutional lines, joint analysis of case studies, and development of guidelines for international accreditation. The results will be widely disseminated to engineering programs in the United States and Europe.

Total Funding: \$65,000 (two years)

U.S. Contact: John Klus, University of Wisconsin, Department of Engineering, Madison, WI 53706; 608-262-8819; klus@engr.wisc.edu

EU Contact: Roberto Frias, University of Porto, Porto, Portugal

P116J060034

Title: Policy and Practice in Early Childhood Intervention

U.S. Lead: University of North Carolina, Chapel Hill (NC)

EU Lead: Jonkoping University, Sweden

Project Description: A two-year policy project focusing on an analysis of early childhood intervention policies and practices. The project will implement a network and infrastructure for information and resources for students, academics, families, researchers, practitioners, and policymakers. A significant outcome of the project will be the development of a Web-based database for policy and practice in Europe and the United States.

Total Funding: \$65,000 (two years)

U.S. Contact: Rune Simeonson, University of North Carolina, Department of Education, Chapel Hill, NC 27599-3500; 919-962-2512; rjsimeon@email.unc.edu

EU Contact: Eva Bjorck-Akesson, Jonkoping University, Faculty of Education, Jonkoping, Sweden