

**Fund for the Improvement of Postsecondary Education (FIPSE)  
FY 2010 New Grant Awards – European Union - United States Atlantis Program**

**P116J100004  
Mobility Project on Global Engineering**

U.S. Lead: University of Central Florida (Florida)

E.U. Lead: University of Jaen (Spain)

The project will educate engineers in environmental issues facing mankind in the 21<sup>st</sup> century within a global context. This consortium seeks to educate future engineers of the world by exposing them firsthand to environmental engineering practices that are carried out in other parts of the world.

FY 2010 Funding: \$45,000  
Total FIPSE Funding: \$180,000

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**P116J100007  
Graduate Dual Degree in Behavior Psychology**

U.S. Lead: California State University (California)

E.U. Lead: Warsaw School of Social Sciences and Humanities (Poland)

The purpose of this project is to provide excellence and innovation to graduate level education. A joint curriculum will be developed to delineate educational requirements of the program. The student mobility component will enable students to gain knowledge and skills in psychology and to meet the requirements for becoming a Board Certified Behavior Analyst (BCBA).

FY 2010 Funding: \$104,000  
Total FIPSE Funding: \$416,000

Contact: William Potter, California State University, 209-667-3518, [wpotter@csustan.edu](mailto:wpotter@csustan.edu)

**P116J100012  
Policy Project on Pharmacy Clinical Competency**

U.S. Lead: Southwestern Oklahoma State University (Oklahoma)

E.U. Lead: University College Cork (Ireland)

This policy-oriented project will compare the current practices in clinical activities of pharmacy practitioners in the European Union and United States. The goal of the project is to define and designate a set of basic skills that a student pharmacist must acquire to be competent to enter into practice. This project will compare and contrast the practice activities of pharmacists in the United States, Ireland and the United Kingdom for the

purpose of harmonizing educational requirements and maintaining competency of post-graduate pharmacists.

Total FIPSE Funding: \$69,866

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**P116J100015**

**Mobility Project on Transatlantic Business and Second Language**

U.S. Lead: University of North Carolina (North Carolina)

E.U. Lead: Hochschule Bremen (Germany)

The purpose of this project is to create special certification opportunities related to business and develop foreign language competence assessments. The project will also develop international student internship opportunities through the creation of a corporate internship network. Students will develop acute cultural awareness through business practice while preparing them for today's global economy.

FY 2010 Funding: \$45,000

Total FIPSE Funding: \$180,000

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**P116J100018**

**Policy Project on Complex Transportation Systems**

U.S. Lead: Massachusetts Institute of Technology (Massachusetts)

E.U. Lead: University of the Aegean (Greece)

The purpose of the project is to develop curricula for policy development in the transportation industry. The policy issues addressed in this project includes the promotion of new educational and research activities between the European Union and the United States, improvement of the quality and efficiency of academic products and services, and provision of incentives for student achievement.

Total FIPSE Funding: \$70,000

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**P116J100020**

**Policy Project on Educational Planning for Sustainability, Knowledge, and Governance**

U.S. Lead: Virginia Commonwealth University (Virginia)

E.U. Lead: University of West England (United Kingdom)

The purpose of this project is to improve planning education through the international exchange of planning knowledge, methodologies, and practices. The goal is to develop a model to be adopted by other planning institutions and to promote the exposure of visiting faculty to local planning practices and for solutions to be critically evaluated and integrated in the planning curricula of their respective institutions.

Total FIPSE Funding: \$70,000

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**P116J100021**

**Mobility Project on International Human Rights Curricula**

U.S. Lead: Southern Illinois University (Illinois)

E.U. Lead: University of Innsbruck (Austria)

This project will integrate human rights principles into the social work curricula of U.S. and E.U. academic institutions. The program will allow social work students to fully understand the meaning of human rights and their relationship to social work within an international and domestic setting. Students participating in this area of study will receive an international human rights certificate for social work.

FY 2010 Funding: \$45,000

Total FIPSE Funding: \$180,000

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**P116J100026**

**Graduate Dual Degree in Cinema and Language**

U.S. Lead: Virginia Commonwealth University (Virginia)

E.U. Lead: University of Messina (Italy)

This project will integrate graduate courses at each university into an innovative, interdisciplinary curriculum in cinema studies that explores issues of identity, globalization and intercultural relations. The project aims to provide students with the opportunity to develop the crucial analytical and communication skills, knowledge base and international experiences needed to pursue a career in the global marketplace.

FY 2010 Funding: \$102,740

Total FIPSE Funding: \$412,580

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**P116J100030****Mobility Project on Globally Focused Early Education**

U.S. Lead: El Camino College (California)

E.U. Lead: University of Modena and Reggio Emilia (Italy)

The project will develop international curricula for students seeking bachelor's degrees in Early Childhood Education. The main goal is to prepare future teachers, through videoconferencing, mobility, peer-pairing and internships, to meet the needs of young children and their families in typical early childhood programs and early elementary school settings.

FY 2010 Funding: \$45,000

Total FIPSE Funding: \$180,000

Contact: Janet Young, El Camino College, 310-660-3593, [jyoung@el.camino.edu](mailto:jyoung@el.camino.edu)

**P116J100031****Mobility Project on Urbanism and Social Inclusion**

U.S. Lead: Parsons, The New School for Design (New York)

E.U. Lead: Katholieke Universiteit - Leuven (Belgium)

This project is a design, research and curriculum exchange program that addresses emerging territorial and socio-ecological issues which accompany the dual challenges of rapid global urbanization and the adaptation of cities in response to climate change. The partnership provides a comparative framework designed to enable effective new and innovative urban curricular concepts, research methods, knowledge and action in a policy and community contexts.

FY 2010 Funding: \$45,000

Total FIPSE Funding: \$180,000

Contact: Miodrag Mitrasinovic, Parsons, The New School for Design, 212-229-8970, [mitrasim@nweschool.edu](mailto:mitrasim@nweschool.edu)

**P116J100033****Policy Project on Evaluation and Modernization of Digital Creative Industries**

U.S. Lead: University of Iowa (Iowa)

E.U. Lead: Teeside University (United Kingdom)

The project aims to explore and map current practices and trends in Vocational Education and Training (VET) within digital creative industries. The consortium will build a comprehensive picture of current VET practices and the existing relationship traits between education and industry. This knowledge will be used for development of effective VET models to bridge the gap between industry need and education provision.

Total FIPSE Funding: \$69,660

Contact: Dan Berkowitz, The University of Iowa, 319-335-2136, [dan-berkowitz@uiowa.edu](mailto:dan-berkowitz@uiowa.edu)

**P116J100036**

**Mobility Project on Developing Globally Literate Teachers**

U.S. Lead: Georgia State University (Georgia)

E.U. Lead: Malmo University (Sweden)

The purpose of this project is to address the increasing need for educators to be interculturally literate and internationally mobile while providing an opportunity to gain a broader knowledge of languages, cultures and institutions. The project will utilize an innovative framework for teacher and faculty mobility and integrate multidisciplinary knowledge of culture and research skills.

FY 2010 Funding: \$45,000

Total FIPSE Funding: \$180,000

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**P116J100037**

**Graduate Dual Degree in Engineering and Energy Sustainability**

U.S. Lead: Drexel University (Pennsylvania)

E.U. Lead: Politecnico di Milano (Italy)

The purpose of this project is to produce graduates with strong skills in scientific analysis, computation and mathematical modeling together with a deep knowledge of the complex problems of energy sustainability. Students will receive training to prepare them to be global leaders in the field of energy sustainability.

FY 2010 Funding: \$113,985

Total FIPSE Funding: \$455,940

Contact: Anthony Lowman, Drexel University, 215-895-2228, [alowman@coe.drexel.edu](mailto:alowman@coe.drexel.edu)

**P116J100040**

**Policy Project on Palliative Care and Nursing Education**

U.S. Lead: New York City College of Technology, City University of New York (CUNY) (New York)

E.U. Lead: University of Dundee (Scotland)

The purpose of this policy study is to develop a study of best-practices in palliative care and self-management education. The project will create a taxonomy of terms by which palliative and self-managed care can be identified, create a comprehensive database of palliative care nursing education opportunities, and use existing professional networks in the nursing and medical education community to disseminate all project materials.

Total FIPSE Funding: \$69,658

Contact: Patricia A. Cholewka, City University of New York (CUNY) on Behalf of New York City College of Technology, 718-260-5661, [pcholewka@citytech.cuny.edu](mailto:pcholewka@citytech.cuny.edu)

**P116J100044**  
**Graduate Dual Degree in Cognitive Visualization**

U.S. Lead: California State University, Chico (California)

E.U. Lead: Université Pierre-Mendès (France)

The purpose of this project is to create a graduate degree program in cognitive visualization—a new field of study at the nexus of cognitive science, applied computer graphics, communication, education, and business. Students will work with design teams in business and industry and conduct research in a supported trilingual educational environment with private-sector partners. Students will earn the International Cognitive Visualization degree at California State University, Chico and a degree in Educational Science with a specialty in Training, Employment, and Competency from the Université Pierre-Mendès (UMPF).

FY 2010 Funding: \$103,724

Total FIPSE Funding: \$415,681

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**P116J100047**  
**Mobility Project on Cross Cultural Training**

U.S. Lead: San Diego State University (California)

E.U. Lead: Aston University (United Kingdom)

This project will allow students to understand various management perspectives. The project will allow academic staff of the participating institutions to discuss new ideas related to teaching and learning. As a result of this project, students will become employable as global managers and the participating institutions will benefit from the diversity experienced through this project.

FY 2010 Funding: \$43,660

Total FIPSE Funding: \$180,000

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**P116J100048****Graduate Dual Degree in Geographic Information Science**

U.S. Lead: George Mason University (Virginia)

E.U. Lead: University of Cagliari (Italy)

The purpose of this project is to implement a dual degree program in the field of Geographical Information Science (GIS) and environmental planning support. The program fosters a holistic approach to Geographic Information Science, environmental assessment and planning support, which will address important and topical international issues, and prepare students for a technologically complex world.

FY 2010 Funding: \$103,540

Total FIPSE Funding: \$415,718

Contact: Germana Manca, George Mason University, 703-993-9812, [gmanca@gmu.edu](mailto:gmanca@gmu.edu)

**P116J100052****Mobility Project on Atlantic Citizenship Issues**

U.S. Lead: University of Colorado at Boulder (Colorado)

E.U. Lead: Catholic University of Portugal (Portugal)

This project is based on the study of citizenship and citizenship-related issues such as immigration, naturalization, democracy, and civil society. The intention is to strengthen the visibility of international academic cooperation, encourage students to contribute to innovative citizenship education, and instruct them in the use of Web-based cross-cultural methods to support teaching. The program will issue a Certificate on Citizenship Studies to all students who have successfully fulfilled the requirements.

FY 2010 Funding: \$45,000

Total FIPSE Funding: \$180,000

Contact: Horst Mewes, University of Colorado, 303-492-6184, [mewesh@colorado.edu](mailto:mewesh@colorado.edu)

**P116J100053****Graduate Dual Degree in International Security**

U.S. Lead: Syracuse University (New York)

E.U. Lead: Hertie School of Governance (Germany)

This project will prepare students to work effectively with security and development practitioners from Europe and the United States. Students will be able to develop more cooperative approaches to security and development challenges through international governance systems.

FY 2010 Funding: \$104,000  
Total FIPSE Funding: \$416,000

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**P116J100055**  
**Undergraduate Dual Degree in Engineering Management**

U.S. Lead: New Jersey Institute of Technology (New Jersey)

E.U. Lead: University of Parma (Italy)

The purpose of the project is to develop a consortium for delivering an undergraduate joint degree program in the field of Engineering Management, with a particular focus on global Supply Chain Management and Operations Management. The aim of the project is to improve the level of transnational expertise and competences of both E.U. and U.S. students and enhance job opportunities, competitiveness, cultural exposure, and language skills.

FY 2010 Funding: \$103,990  
Total FIPSE Funding: \$415,960

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**P116J100056**  
**Policy Project on Virtual Reality Training for Aviation Maintenance**

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

E.U. Lead: Teknisk Erhvervsskole (Denmark)

This project will focus on virtual reality training (VRT) for aviation maintenance training. This project will establish a cooperative relationship between transatlantic educational institutions and industry, research how virtual reality technologies can be implemented, comply with airworthiness regulations, and disseminate the outcomes from the project plan with other educational institutions and industry partners.

Total FIPSE Funding: \$70,000

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**P116J100057**  
**Graduate Dual Degree in Transportation and Logistics Systems**

U.S. Lead: University of Texas, El Paso (Texas)

E.U. Lead: Czech Technical University (Czech Republic)

The purpose of the project is to implement the Dual Masters degree program in Transportation and Logistics Systems. The degree program will incorporate traffic and logistics theory, security, passenger and freight movements, infrastructure, and information technology.

FY 2010 Funding: \$104,000  
Total FIPSE Funding: \$416,000

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**P116J100061**  
**Mobility Project on Athletic Therapy and Training**

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

E.U. Lead: Johann Wolfgang Goethe University (Germany)

This project addresses the differences between countries and their models in health care for the physically active. This project seeks to develop collaboration across national and continental borders and create cooperation in the field of sports science and athletic training.

FY 2010 Funding: \$44,904  
Total FIPSE Funding: \$179,616

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**P116J100062**  
**Mobility Project on Safe Food Products**

U.S. Lead: Florida A&M University (Florida)

E.U. Lead: Institut Polytechnique LaSalle Beauvais (France)

This consortium will offer a concentration in international agriculture with a focus on the needs for safe and high quality food products. The main objective of this project is to ensure a closer collaboration for teaching and curriculum development among partner institutions as well as raise awareness of societal issues. Students will study a broad range of approaches to producing and marketing safe food products.

FY 2010 Funding: \$45,000  
Total FIPSE Funding: \$180,000

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**P116J100067**  
**Graduate Dual Degree in Robotics and Imaging for Surgery**

U.S. Lead: University of Houston (Texas)

E.U. Lead: Universite de Strasbourg (Germany)

The project will train engineers and scientists to work with surgeons on innovative medical practices. The curriculum will focus on mathematics, computer science, engineering, and information technology for medical applications. The students will work in a multicultural and multidisciplinary environment provided by a consortium of educational institutions closely cooperating with medical centers.

FY 2010 Funding: \$114,000

Total FIPSE Funding: \$456,000

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**P116J100069**

**Policy Project on Food Safety Curricula**

U.S. Lead: Iowa State University (Iowa)

E.U. Lead: University Dunarea de Jos Galati (Romania)

The purpose of this project is to review and modify Food Safety curricula with a view to the needs and career opportunities in food companies. This project will also broaden the dissemination horizon of the teaching material produced in the project, from the end-users of the education process to a larger mass of specialists, already working in food safety related activities.

Total FIPSE Funding: \$66,473

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