

Fund for the Improvement of Postsecondary Education (FIPSE)

North American Mobility Program

Project Abstracts - FY 2003 Awards

P116N0300001

Niagara University (NY)

Title: “Accounting and Business in the 21st Century: The Integration of the Curriculum in North America”

Partners: Southern Oregon University, OR; Université du Québec a Montréal, CAN; University of Windsor, CAN; Universidad de Guanajuato, MEX; Universidad Autonoma del Estado de Mexico, MEX

The partners in this consortium plan to produce business graduates with strong knowledge of comparative accounting systems, business practices and cultural systems among the United States, Canada and Mexico. The proposed project will involve faculty and students from six institutions in the development of integrated curriculum in accounting. Each institution will target seven students over a three-year period for a total of 42 students. The length of the studies for students will be one semester per the individual institution’s schedule. Building on the experience of these students and on faculty collaboration, the consortia of participating institutions will develop an integrated, tri-national course in comparative accounting systems. This course will be offered on an on-going basis following the end of the project, as will be the collaborative student exchange program.

FY 2003 Award: \$29,838

Total Funding Estimate: 4 Years, \$199,656

Project Director: Alfonso R. Oddo, Niagara University, Accounting Department, Perboyre Hall, Niagara University, NY 14109, Tel.: (716) 286-8158, Fax: (716) 286-8206, E-mail: aroddo@niagara.edu

P116N0300003

Coastline Community College (CA)

Title: “North American Approaches to Enterprise Control (NORATEC)”

Partners: Utah Valley State College, UT; North Island College, CAN; St. Francis Xavier University, CAN; Universidad Autónoma de Yucatán, MEX; Universidad Nacional Autónoma de México, MEX

The North American Free Trade Agreement (NAFTA) remains an unfulfilled promise for many small- and medium-sized enterprises (SMEs) in Canada, Mexico, and the United States. The North American Approaches to Enterprise Control (NORATEC) project is aimed at students enrolled in undergraduate business courses, or business schools, at public institutions of higher learning. The project goal is to develop curricula and practices that will prepare students to guide SMEs effectively through the NAFTA environment. For exchange students, a program of service learning internships will offer work experience with local employers, especially business and service organizations with an international focus. The project will develop, deliver, and evaluate three courses: Strategic Planning for Business (examines the interrelation between a firm's business strategy and the constraints and opportunities of the NAFTA environment); Web Site Design and Management (a hands-on course in developing Web sites for business applications targeted at users in the NAFTA region); Psychology and Culture of the Host Country (examines popular thought patterns that may have an impact on marketing, employer/employee relations, government regulatory posture, and other issues of concern to business managers).

NORATEC will provide study abroad opportunities for a total of at least 64 students: 22 from Canada, 20 from Mexico, and 22 from the U.S.

FY 2003 Award: \$30,000

Total Funding Estimate: 4 Years, \$200,000

Project Director: Shanon Christiansen, Coastline Community College, 11460 Warner Avenue, Fountain Valley, CA 92708, Tel.: (714) 241-6184, Fax: (714) 898-5031, E-mail: schristiansen@ccd.edu

P116N030005

Michigan Technological University (MI)

Title: "ExCit: Expanding Cities- People, Water and Infrastructure"

Partners: University of Cincinnati, OH; University of British Columbia, CAN; Université Laval, CAN; Universidad de Sonora, MEX; Universidad de Guadalajara, MEX

This program will establish a consortium of six research-based universities in Canada, Mexico, and the U.S. The focus area for the mobility program is decision making to meet growing demands on urban water resources systems. The consortium universities will exchange students and faculty in several engineering and science disciplines (e.g. civil engineering, geological engineering, environmental engineering, and geology) involved in finding technical solutions to the problems of expanding cities. Students in the social sciences also will be exchanged, recognizing that the solution of such problems involves critical political, social, and economic aspects.

At least 48 students will be mobilized among the participating universities through one- to two-semester visits and up to 60 more students via short-term, intensive courses. Student activities

will consist of three stages: intensive language training; coursework in water resources and sustainable development; and professional or research internships with local businesses, municipalities, and agencies or at the host university. Students enrolled in semester-long exchanges will be required to register in a pre-specified general course in sustainability and water resources at their host university. It is expected that each student exchanged will provide an international perspective on issues discussed in these courses and thereby impact the education of students at the host university. Faculty activities will focus on the development of a general Web-based course in water resources and intensive courses in urban water issues, and on the compilation of a collection of web-based case studies in water resources systems in North America.

FY 2003 Award: \$29,904

Total Funding Estimate: 4 Years, \$205,114

Project Director: Alex Mayer, Michigan Technological University, Department of Geological & Mining Engineering & Sciences, 1400 Townsend Drive, Houghton, MI 49931, Tel.: (906) 487-3372, Fax: (906) 487-3371, E-mail: asmayer@mtu.edu

P116N030006

University of Louisville (KY)

Title: “The North American Conflict Resolution Program: A Cross-Cultural, Interdisciplinary Experiment in Peace-building”

Partners: University of Wisconsin-Milwaukee, WI; University of Manitoba, CAN; Université de Montréal, CAN; Universidad de Colima, MEX; Universidad Autónoma de San Luis Potosí, MEX

North American communities face a host of contentious social problems whose substance is often further complicated by cross-cultural misunderstandings and the lack of a single shared North American language. Some of these issues are social; others are political, economic, or ethical. Some, like domestic violence or the inequitable treatment of minorities, occur within all three countries. Others, such as immigration or pollution, are transnational, the problems themselves reaching across our borders. The North American Conflict Resolution Program will aim to create citizens of North America equipped to assess and handle these conflicts skillfully, peacefully, and effectively.

At the heart of this undertaking is our determination to deepen the understanding among our students of why social, political, and armed conflicts arise in general, and in North America in particular. The students will learn how to analyze different kinds of conflicts and formulate possible resolutions. They will enhance their study of disputes, disagreements, and violent conflict within Canada, Mexico, and the United States by studying in foreign societies. During their time abroad, students will participate in internship programs, enabling them to assist professionals in the field and learn peace-building and conflict resolution practices firsthand.

In addition to mobilizing 72 students, the partner universities will develop a common website rich in peace-building and conflict-resolution materials, develop curricula, disseminate collaborative publications, and foster an ongoing, innovative cross-national dialogue about North American disputes and their possible solutions. The partners will also lay the groundwork for continuing the student exchanges beyond the duration of the grant.

FY 2003 Award: \$30,000

Total Funding Estimate: 4 Years, \$203,544

Project Director: Michael R. Fowler, Muhammad Ali Institute, Brandeis School of Law, University of Louisville, Louisville, KY 40292, Tel: (502) 852-0058, Fax: (502) 852-5622, E-mail: michael.fowler@louisville.edu

P116N030007

Kansas State University (KS)

Title: “North American Food Safety”

Partners: Michigan State University, MI; University of Guelph, CAN; University of Alberta, CAN; Universidad de Sonora, MEX; Instituto Tecnológico y de Estudios Superiores de Monterrey, MEX

Food safety education and harmonization across Canada, Mexico, and the United States will facilitate trading among the NAFTA partners. This proposal will provide students with an international experience focused on food safety training and research. Additionally, a proposed structure of a North American food safety distance education network for future implementation and program sustainability will be developed.

The objectives of this project are to provide students in food science and related fields with an international experience focused on food safety training and research, and to propose a structure of a North American food safety distance education network for future implementation and program sustainability and establish a model for future student mobility and curriculum development initiatives.

It is planned that 54 junior/senior level undergraduate and second/third year graduate students in food science and related fields would each have a semester experience over the last 3 years of the project. The unique aspects of food safety training and research in each country will be part of the mobility experience that provides students with international perspectives of food safety research and knowledge about rapid methods and automation in microbiology, Hazard Analysis and Critical Control Point (HACCP) systems, food service safety and sanitation, and international food laws and regulations. Faculty and staff overseeing the mobility experience in food safety will explore how to structure an international food safety distance education curriculum during annual meetings and through other interactions. This curriculum would compliment the intent of international training in food safety and would ensure sustainability beyond the life of the grant.

FY 2003 Award: \$26,314
Total Funding Estimate: 4 Years, \$203,943

Project Director: Curtis L. Kastner, Kansas State University, 148 Waters Hall, Manhattan, KS 66506, Tel: (785) 532-1234, Fax: (785) 532-5862, ckastner@ksu.edu

P116N030012
American University (DC)

Title: “North Americans Studying North America: A Continental Curriculum”

Partners: University of California, San Diego, CA; Columbia University, NY; University of Alberta, CAN; Carleton University, CAN; McGill University, CAN; Universidad Autónoma de Sinaloa, MEX; Centro de Investigación y Docencia Económicas, MEX

Still missing a decade after the initiation of the North American Free Trade Agreement (NAFTA) is a sense of partnership among Mexico, Canada, and the United States—guided by the larger perspective from these three countries’ leaders. The time has come to educate a generation that thinks “continentally” on issues of security and development and in areas of transportation and infrastructure, education, the environment, and labor.

The “Consortium for a Continental Curriculum” will instruct participating students about issues of security and development and in areas of transportation and infrastructure, education, the environment, and labor. Students and faculty in business, economics, international relations, other social sciences, cultural studies, and law will explore: the environment and sustainable development, trade relations, and public policy.

The partners are unique in their geographical diversity (including the three North American capitals), their focus on undergraduate and graduate education, and their commitment to a long-term partnership. The consortium plans joint research, thesis and dissertation supervision, shared courses, summer institutes, and certificates or degrees in North American studies. The U.S. partners will sponsor 30–40 students going to Mexico and Canada and host a similar number in exchange. The period of study will be six weeks to a year.

FY 2003 Award: \$30,000
Total Funding Estimate: 4 Years, \$200,001

Project Director: Robert Pastor, American University, 4400 Massachusetts Avenue, NW, Washington, DC 20016-8026, Tel: (202) 885-2728, Fax: (202) 885-1366, E-mail: rpastor@american.edu

P116N030013
Daytona Beach Community College (FL)

Title: “Education and Mobility in Hospitality and Tourism Management (EMHT)”

Partners: Horry-Georgetown Technical College, SC; Holland College, CAN; New Brunswick Community College, CAN; Universidad Autónoma de Coahuila, MEX; Universidad Regiomontana, MEX

The consortium Education and Mobility in Hospitality and Tourism Management (EMHT) will develop curriculum to include a cross-cultural course for each participating student on-line as well as a jointly developed certificate program in hospitality management with an emphasis in tourism, hotel management or culinary arts. The project will also include faculty and staff exchanges, the development of agreements to implement the program and to ensure the sustainability of the project after funding ends, and language acquisition curriculum development.

A minimum of 47 students will be exchanged among the six institutions over a three-year period in the disciplines chosen. It is anticipated between the two U.S. institutions that the majority of the students will be in hospitality management and culinary arts, tourism among the Mexican institutions, and a mix among the Canadian institutions. Participating students will have an internship experience in their chosen field and develop reaction papers about their experience to compare notes with fellow participants and to make presentations to students at their home institutions. A major goal of the project is to sustain the program after funding ends. The outside evaluator will work with project staff to develop strategies for continuation to include identifying outside funding, internal mechanisms to support exchanges, and developing agreements for sustaining the program.

FY 2003 Award: \$30,192

Total Funding Estimate: 4 Years, \$200,795

Project Director: Donald Matthews, Daytona Beach Community College, 1200 W. International Speedway Blvd., POB 2811, Daytona Beach, FL 32120-2811, Tel: (386) 947-3040, Fax: (386) 254-4465, E-mail: matthed@dbcc.edu

P116N030014

California State University, San Bernardino (CA)

Title: “North American Consortium for Entrepreneurship (NACE)”

Partners: Kennesaw State University, GA; Paradise Valley Community College, AZ; Capilano College, CAN; University of Montreal, CAN; Universidad de Guadalajara, MEX; Centro de Enseñanza Técnica y Superior, MEX

U.S. Department of Commerce News indicates that in 2001, twenty-one percent of the trade volume with Canada and Mexico was generated by the small business sector. To enhance the role of small business activity in the sector, the North American Consortium for

Entrepreneurship (NACE) will develop a specialized degree in North American Entrepreneurial Management within the Business Administration discipline. This specialized degree program will offer both entrepreneurial education and experiential learning components for qualified entrepreneurial-minded students from the United States, Mexico, and Canada actively recruited across all academic disciplines. The consortium members will articulate mutually accepted curricula to promote a comprehensive understanding of North American commerce and identify the challenges for regional entrepreneurship in the emerging free trade regime.

NACE's mission is to advance the study and practice of entrepreneurship in the North American business community and develop successful entrepreneurial careers in the expanding market environment arising from the implementation of NAFTA. By the fall of 2004, the consortium plans to support the exchange of ten students from each campus, twenty students from each nation, and an initial cohort of at least sixty students. These students will have completed a minimum of three months of international study and experiential entrepreneurial internships as expatriate students in a foreign host campus. To ensure that the NACE Program continues and is institutionalized beyond the initial funding period, alternative sources of funding, including corporate sponsors and philanthropic foundations such as the National Association for Foreign Student Affairs will be actively explored.

FY 2003 Award: \$30,000

Total Funding Estimate: 4 Years, \$204,000

Project Director: Ernesto M. Reza, California State University San Bernardino, 5500 University Parkway, San Bernardino, CA 92407, Tel: (909) 880-5731, Fax: (909) 880-7177, E-mail: ereza@csusb.edu

P116N030016

Louisiana State University (LA)

Title: “Development of a student exchange program between Canada, Mexico, and the United States in Environmental Sciences and Engineering, and Natural Hazards”

Partners: Purdue University, IN; Lakehead University, CAN; University of Regina, CAN; Universidad Nacional Autonoma de Mexico, MEX; Universidad de las Americas, Puebla, MEX

This project aims at promoting the mobility of students pursuing higher education in Canadian, Mexican and U.S. universities. The students will be a mix of senior undergraduate and graduate students. Complementing this exchange process will be the offering of existing courses through Web-based teaching tools, such as WebCT. To enhance the experience of both the faculty and the students that participate in this program, the courses are specifically designed to deal with examples and case studies with international ramifications, thereby providing a global context.

Fourteen students from each country—Canada, Mexico and the United States—will participate in the exchange program. The areas of focus will be environmental science and engineering, water resources engineering, natural resources engineering, natural hazards, civil engineering,

and technology transfer. The length of study will vary from a minimum of one semester to a maximum of 1 year. To complement the funds secured through this proposal, additional funding sources from within the participating universities will also be sought to aid faculty in tailoring courses that will have a more international flair and scope to enhance and encourage the learning environment.

FY 2003 Award: \$27,092

Total Funding Estimate: 4 Years, \$204,000

Project Director: V. P. Singh, Louisiana State University, Department of Civil and Environmental Engineering, CEBA 3414, Baton Rouge, LA 70803-6405, Tel: (225) 578-6697; Fax: (225)-578-6588; E-mail: cesing@lsu.edu

P116N030017

University of Illinois at Chicago (IL)

Title: “Designing a Professional Practice Curriculum For Cross-Cultural Mobility and Community Engagement”

Partners: Auburn University, AL; Oklahoma State University, OK; University of Calgary, CAN; University of Manitoba, CAN; University of Waterloo, CAN; Universidad Autonoma de Yucatan, MEX; Universidad Autonoma de San Luis Potosi, MEX; Universidad Autonoma Metropolitana, Azcapotzalco, MEX

The purpose of the proposed project is to develop and coordinate a program for 75 students from nine institutions in North America in a three-fold project plan: first, to enhance the potential for future professional mobility in architectural practice under NAFTA; second, to strategically re-deploy studio pedagogy to address emerging cross-border professional practice competencies in digital media, sustainable development and cultural community contexts; and third, to define an innovative approach to language development, cultural literacy and diversity in professional practice education and continuing education in a specially designed professional practice course. This simulation of the realities of cross-cultural professional practice will assist in establishing performance criteria for both continuing professional education needs and architectural program accreditation and reciprocity related to cross-border practice under NAFTA.

FY 2003 Award: \$26,134

Total Funding Estimate: 4 Years, \$200,406

Project Director: Daniel S. Freidman, Director, School of Architecture, University of Illinois at Chicago, Room 3100 Architecture and Art Building, 845 W. Harrison St., Chicago, IL 60607, Tel: (312) 996-4056, Fax: (312) 413-4488, E-mail: dsf@uic.edu