

Highlights of presentations



Millennium Villages implementation through collaboration between U.S. and Ugandan Catholic universities.

Lessons learned in Haiti in eradicating disease.

Evaluating malaria control projects.

Water quality improvements in Benin.



A systems engineering approach to health care delivery.

Emerging disease efforts of the structural biology group.

International Agriculture's efforts to improve farming, storage, marketing, and business practices to improve nutrition.

Transfer of pharmacy graduate programs and a drug manufacturing facility.

Global Health *in* **FOCUS**

An invitation to learn about two U.S. Universities' work on global health featuring

**The University of Notre Dame
and
Purdue University**

At the invitation of the Permanent Observer Mission of the Holy See to the United Nations

With support from the Path to Peace Foundation

1:15 to 2:45 pm,

Tuesday, September 25, 2007

***Holy Family Hall, 315 East 47th Street,
(between First and Second Avenues)
New York.***

Global Health in Focus

from two U.S. Universities

Two world-renowned universities located amid the United States actively work on global health issues. These institutions have complimentary programs, histories, and cultures.

One is a top Catholic institution known for its undergraduate and graduate education.

Another is a public research institution with more than 70,000 students.

These institutions will provide an overview of the work they are conducting that ranges from the adoption of a Millennium Village in Uganda to the use of engineering principles to more efficiently provide healthcare in Africa. The projects to be shared include those that could be implemented immediately and those that would serve as models.

The presentations will be made by University leadership, researchers, and programming directors.

For more information:

Holy See Mission to the United Nations:

<http://www.holyseemission.org/>

Purdue University: www.purdue.edu

University of Notre Dame: www.nd.edu

Purdue University

This institution's unique assets for global health work include veterinary medicine, pharmacy, international agriculture, one of the world's leading structural biology research teams, and an engineering program that trains 1 in 30 U.S. engineers.



Alan Rebar will discuss Purdue University and its unique capacity to address global health challenges. Rebar is senior associate vice president for research, executive director of Discovery Park and Professor of veterinary clinical pathology. Rebar is a doctor of veterinary medicine and also earned a doctorate from Purdue University.



Joseph Pekny will discuss systems approaches to global health and AIDS testing devices in development. Pekny is director of Discovery Park's e-Enterprise Center and a professor of chemical engineering. He earned his doctorate from Carnegie Mellon University.



Richard Kuhn will talk about the work of Purdue's world renown structural biology group that led to the first mapping of the common cold and its applications to and work on emerging diseases. Kuhn is the head of the Biology Department. He earned his doctorate from the State University of New York at Stony Brook.



Jess Lowenberg-DeBoer will talk about the University's 30 years of work in Africa and its nutrition and business development initiatives. Lowenberg-DeBoer is associate dean of the College of Agriculture, director of International Programs in Agriculture and professor of agricultural economics. He earned his doctorate at Iowa State University.



Daniel T. Smith will talk about work with Tanzania to transfer pharmacy education and replicate a drug manufacturing facility there. Smith is a research assistant professor in the Department of Industrial and Physical Pharmacy. He earned his doctorate from Pennsylvania State University.

University of Notre Dame

This institution was founded in 1842. It is an independent Catholic institution with more than 11,000 undergraduate and graduate students. Students and faculty have been working in Africa for decades.



Dennis Jacobs will talk about Notre Dame's mission, its innovative social programs and its history of working with developing nations. Jacobs is vice president, associate provost and a professor of chemistry and biochemistry. He earned his doctorate from Stanford University.



Frank Collins is studying the effectiveness of malaria control methods. He directs the Center for Global Health and Infectious Diseases, which focuses on developed nations. Collins is the George and Winifred Clark Chair in Biological Sciences and a professor of biology. He earned his doctorate at the University of California at Davis and did post-doctoral research at the National Institute of Allergy and Infectious Diseases within the U.S. National Institutes of Health.



Fr. Tom Streit's Haiti project has provided 2.5 million treatments and is on track to eradicate lymphatic filariasis or elephantiasis by 2013. Streit is a research assistant professor in biology and earned his doctorate from Notre Dame.



Fr. Bob Dowd is leading Notre Dame's work with a Millennium Village in Uganda in collaboration with Uganda Martyrs University. Dowd is an assistant professor of political science. He earned his doctorate from the University of California at Los Angeles.



Stephen E. Silliman will talk about a project since 1997 in which Notre Dame students and staff have been working with local villages in Benin to assist them in monitoring water quality. Silliman is associate dean of the College of Engineering and a professor of civil engineering and geological sciences. He earned his doctorate at the University of Arizona.