

# Gustavus/HHMI Summer Opportunity

Help Connect Students with Nobel Conference Presenters



**June 14-16, 2010**  
**Gustavus Adolphus College**  
**St. Peter, MN**

Spend three days on the Gustavus campus collaborating with master teachers!

## Opportunities:

- Join our team of master teachers to develop curriculum surrounding the topic of the upcoming Nobel Conference.
- Build curriculum to connect this year's topic, "Making Food Good," to the Minnesota Science Standards.
- Build connections to world-class scientists.
- Lead a dissemination project to share the developed curriculum with teachers to prepare them for the Nobel Conference experience.

## Benefits:

- Master teachers receive housing and food plus a \$100 daily stipend and transportation expenses for the three day workshop.
- Master teachers receive admission for their students to the 2010 Nobel Conference in October.
- Create working relationships with other master teachers and Gustavus Faculty.

If you are interested in serving on the curriculum development team, please send a letter and resume to Robert Weisenfeld at [bweis@gustavus.edu](mailto:bweis@gustavus.edu) by February 1.

## 2010 Nobel Conference 46

In asking the question, “What makes food good?” ethical, agroecological, physiological, economic, and aesthetic conceptions of good intertwine, clash, and vie for attention. Few issues seem to demand consideration so frequently as does the need for good food.

Nobel Conference 46 will consider a wide range of food issues, from human health to the health of planetary ecosystems; from nutraceuticals to culturally appropriate foods; from community gardening to fuel crops, to genetic modification, to food security.

### Presenters

#### **Bina Agarwal**

Professor and Director of the Institute of Economic Growth, University of Delhi, India

Agarwal writes and researches on various subjects: land, livelihoods and property rights; environment and development; the political economy of gender; poverty and inequality; law; and agriculture and technological change. She deals especially with the connectedness of gender, poverty, and development.

#### **Linda Bartoshuk**

Professor of Community Dentistry and Behavioral Science at the University of Florida, Gainesville

Bartoshuk is an internationally known researcher specializing in the chemical senses of taste and smell. Her research explores the genetic variations in taste perception and how taste perception affects overall health.

#### **Cary Fowler**

Executive Director of the Global Crop Diversity Trust Global Crop, Rome, Italy

Fowler's career in the conservation and use of crop diversity spans 30 years. He is the author of several books on the subject of plant genetic resources and more than 75 articles on the topic in agriculture, law, and development journals.

#### **Jeffrey Friedman**

Professor, Rockefeller University, New York City

Friedman's lab identified leptin, a hormonal signal made by the body's fat cells that regulates food intake and energy expenditure and has powerful effects on reproduction, metabolism, other endocrine systems and even immune function. His current research focuses on the genes and neural circuits that control food intake and body weight, and leptin's mechanism of action and its relevance to the development of obesity.

#### **Frances Moore Lappé**

Co-Founder of The Small Planet Institute, Cambridge, Massachusetts

Frances Moore Lappé is a democracy advocate and world food and hunger expert who has authored or co-authored 16 books. Her first book, *Diet for a Small Planet*, has sold three million copies and is considered “the blueprint for eating with a small carbon footprint since long before the term was coined.

#### **Marion Nestle**

Professor of Nutrition, Food Studies, and Public Health at New York University, New York City

Nestle's research focuses on analysis of the scientific, social, cultural and economic factors that influence the development, implementation and acceptance of federal dietary guidance policies. She is the author of *Pet Food Politics: The Chihuahua in the Coal Mine* (2008).

#### **Paul Thompson**

W.K. Kellogg Chair in Agricultural, Food and Community Ethics, Michigan State University, East Lansing

Thompson is the author of 13 books and editions, such as *The Spirit of the Soil: Agriculture and Environmental Ethics*; *The Ethics of Aid and Trade*; *Food Biotechnology in Ethical Perspective*, and co-editor of *The Agrarian Roots of Pragmatism*.

# GUSTAVUS

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## GUSTAVUS ADOLPHUS COLLEGE

January 14, 2010

Dear Fellow Science Educator,

Gustavus Adolphus College has a unique opportunity to engage motivated and creative science teachers in incorporating the themes of the annual Nobel Conference into their classrooms. Gustavus is seeking 10 energetic professional educators to accept the role of “lead teachers” and meet for a three-day workshop June 14<sup>th</sup> – 16<sup>th</sup>. These educators will be on the cutting edge of curriculum development around the theme of this year’s Nobel Conference, “Making Food Good.”

Gustavus has received a substantial grant from the Howard Hughes Medical Institute to make improvements in hardware and curriculum in the biological sciences and to develop an innovative pilot program for high school teachers from Minnesota school districts to integrate new resources and content-related materials into their teaching. The newly developed materials and activities will align with the annual Nobel Conference topic and the Minnesota Science Standards. Additionally, the collaboratively developed curriculum materials will have a clear set of learner-based objectives; be topic-centered; and demonstrate principles of “best practice” methods. These new materials will be disseminated for teachers to also use as they involve students in the upcoming Nobel Conference.

All food, transportation and housing costs will be provided in addition to a \$100 a day stipend for this three-day summer opportunity and free tickets to the conference for you and your students. If accepted, you will work collaboratively with Gustavus faculty and other master teachers in developing lesson plans and activities during the workshop revolving around food and food production. Further opportunities will exist around the October Nobel Conference to work with a wider group of teachers and the developed materials.

Presenters for this year’s conference are confirmed and excited to share their expertise with the public. Please see the attached flyer for some general information about each presenter and their areas of specialty.

If you are interested in participating, please send a letter of intent and resume to Robert Weisenfeld at [bweis@gustavus.edu](mailto:bweis@gustavus.edu).

Cordially,

Eric Koser, Robert Shoemaker and Robert Weisenfeld  
Gustavus/HHMI Outreach Planning Committee