



University of Nebraska President James B. Milliken  
cordially invites you to a luncheon in honor of  
**M.S. Swaminathan**

*M.S. Swaminathan is the first World Food Prize laureate, member of the  
upper house of Parliament in India and is known as the  
Father of the Green Revolution in India.*

Monday, October 10  
11:30 a.m. to 1 p.m.

University of Nebraska Foundation  
1010 Lincoln Mall ~ Suite 300  
Lincoln, NE 68508

*You may park in the city-county parking lot which is on the northwest corner of  
10th & K Streets. There are entrances for the garage both on 10th Street as well  
as on K Street. We will provide you with a validated ticket when you leave.*

Please reply by October 5 to Jenny Reeser  
at (402) 472-7121 or [jlreeser@nebraska.edu](mailto:jlreeser@nebraska.edu).

# University of Nebraska–Lincoln

## Heuermann Lectures

### Food for thought and thought for food in Heuermann Lecture series

**LINCOLN** – There will be food for thought and thought for food when Dr. M. S. Swaminathan, the world's first World Food Prize laureate, opens a new lecture series on meeting the world's growing food needs Monday, Oct. 10. Swaminathan will speak at 3 p.m. at the University of Nebraska–Lincoln's Hardin Hall, 33rd and Holdrege.

The participation of Swaminathan, known as the Father of the Green Revolution in India, comes at the invitation of University of Nebraska President James B. Milliken and the Robert B. Daugherty Water for Food Institute. In March 2011, Milliken and Swaminathan jointly hosted a symposium in Chennai, India, on managing water resources for food security, sponsored by the Indo-US Science and Technology Forum.

The new Heuermann Lectures in the Institute of Agriculture and Natural Resources at UNL are open to the public, made possible through a gift from B. Keith and Norma Heuermann of Phillips, Nebraska. The Heuermanns are long-time university supporters with a strong commitment to Nebraska's production agriculture, natural resources, rural areas and people.

#### More food needed

"Predictions are that in the next 40 years, the world's population will require a doubling of food production globally, where at least 70 percent must come from efficiency-improving technology," said Ronnie D. Green, University of Nebraska vice president for agriculture and natural resources and Harlan vice chancellor, IANR.

"How we'll produce that increased food supply affects everyone. People need sound information to make thoughtful, well-informed decisions on what they'll support, and why. The Heuermann



**Dr. M. S. Swaminathan**, first World Food Prize laureate  
**3 p.m. Monday, Oct. 10, 2011**  
**Hardin Hall, 33rd and Holdrege**



**Dr. P. Stephen Baenziger**, Nebraska Wheat Growers Presidential Chair at UNL  
**4 p.m. Thursday, Nov. 10, 2011**  
**East Campus Union**

### About the Heuermann Lectures

The Heuermann Lectures focus on providing security – and here security means enough to sustain the world – in the areas of food, natural resources, and renewable energy for people, as well as on securing the sustainability of rural communities where the vital work of producing food and renewable energy occurs.

Through the Heuermann Lectures Nebraskans and others can participate in conversations with diverse leaders in various walks of life who are working to meet the world's food and food-related challenges.

This public lecture series in the Institute of Agriculture and Natural Resources at the University of Nebraska–Lincoln is made possible through a gift from B. Keith and Norma Heuermann of Phillips, Nebraska. The Heuermanns are long-time university supporters with a strong commitment to Nebraska's production agriculture, natural resources, rural areas and people.

The Heuermann Lectures run monthly throughout the school year.

Lectures are a wonderful gift to the state of Nebraska to bring world leaders in the conversation about the security and safety of our food supply and natural resources to UNL on an ongoing basis for many years to come."

The world must find ways to sustain natural resources and produce renewable energy even as people talk of global climate change and its potential effects on animals, land and people, Green continued, adding there's also a need to secure the sustainability of rural communities where the vital work of producing food and renewable energy occurs.

"Ways we can provide security – and by that I mean enough to sustain us all, all around the world – in the areas of food, natural resources, renewable energy, communities and people, are the focus of this lecture series," Green said.

### Inaugural lecture Oct. 10

The inaugural lecture in the series will be presented by Swaminathan, whose topic is "Food Security in an Era of Price Volatility and Climate Change." A 2:30 p.m. reception at Hardin Hall precedes the lecture.

"Dr. Swaminathan is a great man who has had a remarkable career and enjoys a tremendous reputation around the world," Milliken said. "He is one of the giants of sustainable agriculture and rural development and has been a great partner with the University of Nebraska and the Daugherty Water for Food Institute. This is an opportunity for Nebraskans to hear from one of the true pioneers in agriculture."

A plant geneticist by training, Swaminathan received the World Food Prize in 1987 for introducing high-yielding wheat and rice varieties to India's farmers. The award often is described as the equivalent of a Nobel Prize in agriculture.

### Living legend

Swaminathan has been called a living legend, the father of economic ecology, and the catalyst of the green revolution movement in India between 1960-1982 that moved the country from having the world's largest food deficit to producing enough grain to feed all its people.

His advocacy of sustainable agriculture leading to an ever-green revolution makes him an acknowledged world leader in sustainable food security, and he is known for his significant contributions in promoting the knowledge, skills and technological empowerment of women in agriculture.

The recipient of 62 honorary degrees from universities that range from his native India to the Netherlands, and from Chile to the U.S., he has received 32 scientific awards and 31 international awards. Currently Swaminathan heads, in an honorary capacity, a research center for sustainable agriculture in Madras, India.

### Second lecture Nov. 10

The second Heuermann Lecture features Dr. P. Stephen Baenziger, the first UNL scientist to hold the Nebraska Wheat Growers Presidential Chair, an endowed

professorship through a licensing agreement between NUtech Ventures and Bayer CropScience.

Baenziger will speak on "Setting the Stage: Why Agriculture," at 4 p.m. Thursday, Nov. 10, in the Great Plains Room of UNL's East Union. A 3:30 p.m. reception in the East Union precedes the lecture.

### Helping feed the world

Baenziger, who honors the work of scientists who've gone before him and describes himself as the current steward of the university's wheat-breeding program, has been working to help Nebraska growers improve their crops and help feed the world since he joined the university in 1986. He will discuss the importance of agriculture in our future.

The grains breeder in the Department of Agronomy and Horticulture in IANR, Baenziger is an honoree in the Nebraska Hall of Agricultural Achievement and recipient of the Nebraska Agri-business Club Public Service Award, the Crop Science Society of America Crop Science Research Award, the American Society of Agronomy Agronomic Achievement Award – Crops, and other awards, as well.

Recognized internationally for his work, Baenziger and the Director General are the only Americans serving on the 15-member board of trustees of the prestigious International Rice Research Institute.

**The Heuermann Lectures will run monthly throughout the school year, with announcements on each speaker and topic prior to the lecture.**

Anyone who requires reasonable accommodation under the Americans With Disabilities Act, such as interpreters, transcribers, assistive listening devices, special seating, or accessible media, please contact Judy Nelson at (402) 472-3031, [jnelson5@unl.edu](mailto:jnelson5@unl.edu), two weeks prior to the event to discuss arrangements. We are committed to providing reasonable accommodation to all individuals with disabilities attending any conference or meeting at the University of Nebraska–Lincoln.

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## Roberto Lenton named founding director of Water for Food Institute

Roberto Lenton, one of the world's foremost experts in water management and development, has been named to lead the Robert B. Daugherty Water for Food Institute at the University of Nebraska, NU President James B. Milliken announced today. Lenton will also hold an appointment as Professor of Biological Systems Engineering at the University of Nebraska-Lincoln.

"Roberto Lenton is the ideal person to lead the Daugherty Institute as its founding director," Milliken said. "His experience in water management, food security, sustainable agriculture and responsible use of resources is exceptional. As important, he shares our vision for the institute and its potential to have an impact on the world. We are fortunate to have been able to attract someone of this caliber and international reputation to the University of Nebraska. He will help us quickly establish the Daugherty Institute as a global leader in research, education and policy related to water for food."



Lenton currently serves as chairperson of the independent World Bank Inspection Panel, a vice presidential-level position within the World Bank organization. The Panel was established in 1993 to increase accountability of the World Bank and to improve compliance; he has served as chair since 2009. Lenton's appointment as executive director of the Daugherty Institute will begin February 1, 2012, after his current role as Chair of the Inspection Panel comes to an end. He will remain a member of the panel until August 2012.

Lenton said, "The Robert B. Daugherty Water for Food Institute has so much to build on: its base at a leading land grant university with a strong tradition of practical application of scientific knowledge; its location in the state of Nebraska, known as an innovator of good policies and practices in agricultural water management; the enormous talent of its faculty and research staff who have a long track record of addressing water and food security issues from a variety of disciplinary perspectives; its strong convening power, as illustrated by the annual Water for Food Conferences that have begun to shape the debate on this critical issue of our time; and the very generous founding gift from the Robert B. Daugherty Foundation that will enable the Institute to get off to a rapid start." He added, "I am very excited by the opportunity to build on these strong foundations and enable the institute to fulfill its commitment to help the world use its limited freshwater resources effectively and ensure food security for current and future generations."

Among Lenton's most important experiences was helping establish and then serving as Director General of the International Water Management Institute in Sri Lanka from 1987 to 1994. Under Lenton's leadership, IWMI grew from a small project-based organization to a major institute employing more than 300 people in 10 countries with an annual budget of over \$10 million.

Jeff Raikes, CEO of the Bill & Melinda Gates Foundation and a member of the Board of Directors of the Daugherty Institute, said, "Dr. Lenton is one of the most widely recognized leaders in the world in water circles. His early work in South Asia laid the foundation for the International Water Management Institute, which now has a significant global presence and impact. What he brought to IWMI — a highly effective strategic planning process, a sharply focused research agenda and a deep knowledge of the most important issues and players throughout the world — are also key ingredients in the success of the Daugherty Institute. I don't believe we could have found a more qualified and respected founding director."

Dr. M S Swaminathan of Chennai, India, who is known as the "Father of the Green Revolution in India" and was the first recipient of the World Food Prize, has known Dr. Lenton for more than 30 years. He cited Lenton's "depth of knowledge on issues relating to sustainable water security and the width of his understanding of the social and scientific dimensions of water management. He is undoubtedly one of the most eminent leaders in the area of water and food security. It is therefore appropriate that he is joining as the Founder Director of the Robert B. Daugherty Water for Food Institute of the University of Nebraska. I am confident that under his leadership this Institute will become the centre of origin of important findings in the field of water for food."

Lenton has also been director of the United Nations Development Programme's Sustainable Energy and Environment Division in New York, where he worked closely with colleagues at partner institutions to help launch the Global Water Partnership, the Millennium Ecosystem Assessment and the Poverty and Environment Programme. His responsibilities in the Division included agriculture and food security, natural resources management, sustainable energy, drought and desertification, and capacity building for sustainable development. Earlier, he was Program Officer in the Rural Poverty and Resources program with the Ford Foundation in New Delhi and New York, and an assistant professor at the Massachusetts Institute of Technology. He was also senior advisor on water at the Earth Institute at Columbia University.

A citizen of Argentina with degrees from the University of Buenos Aires and MIT, Lenton is a co-author of *Applied Water Resources Systems*, and of *Health, Dignity and Development: What will it take?*—the final report of the UN Millennium Project Task Force on Water and Sanitation, which he co-chaired. Following the release of this report in 2005, he was appointed Chair of the Geneva-based Water Supply and Sanitation Collaborative Council.

The Daugherty Water for Food Institute was established in 2010 through a \$50 million founding gift from the Robert B. Daugherty Charitable Foundation. Daugherty, founder of Valmont Industries and a pioneer in the irrigation industry, died in November, 2010. He was recently honored with the 2011 Regents Medal, the University's highest award. The institute is a university-wide, interdisciplinary research, education and policy analysis center dedicated to the efficient use of the world's freshwater resources to feed a growing global population.

In addition to hosting the annual Water for Food conference, which this year drew more than 450 participants from across the globe, the Daugherty Institute will focus on building international partnerships with universities and ministries to help develop solutions for the optimal use of water in agriculture. At the conference last May, the University of Nebraska agreed to establish a joint program with UNESCO IHE in the Netherlands, the world's largest graduate program in management of water. University leaders are also working to develop other partnerships in China, India, Brazil and other countries.

### **Additional reaction to the Lenton appointment:**

**Mogens Bay**, Chairman of the Robert B. Daugherty Charitable Foundation and a member of the Board of Directors of the Daugherty Institute: "Roberto Lenton brings extensive and valuable experience in finding practical solutions to

## The Water for Food Institute

is a research, education and policy analysis institute committed to helping the world efficiently use its limited freshwater resources, with particular focus on ensuring the food supply for current and future generations.

## The Latest

Lenton available today for media interviews  
Posted October 7, 2011

M.S. Swaminathan to open Heuermann Lectures  
Posted September 15, 2011

UNL to host water law conference  
Posted September 9, 2011

## Water for Food Conference

**Save the Date**  
**4th annual global**  
**Water for Food conference**

June 24-27, 2012  
Lincoln, Nebraska, USA

global challenges with water. There could be no better preparation for leadership of the Institute than Dr. Lenton's impressive work with the World Bank Inspection Panel, the Earth Institute at Columbia University and major water management initiatives in Asia, Africa and Latin America. He will bring the Institute immediate recognition and credibility throughout the world."

**Dr. Ronnie Green**, Vice Chancellor and Vice President, Institute of Agriculture and Natural Resources, University of Nebraska: "Dr. Lenton brings a wealth of global experience to the Daugherty Water for Food Institute that will allow the University of Nebraska to capitalize on its considerable strengths of Nebraska's major water resources and long history of excellence in agricultural water innovation and education. Meeting the grand challenge of feeding a growing world population with more efficient use of scarce water resources requires great vision and we are tremendously excited to have someone of Roberto's caliber coming to lead us in this highly important initiative for Nebraska and the world."

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