

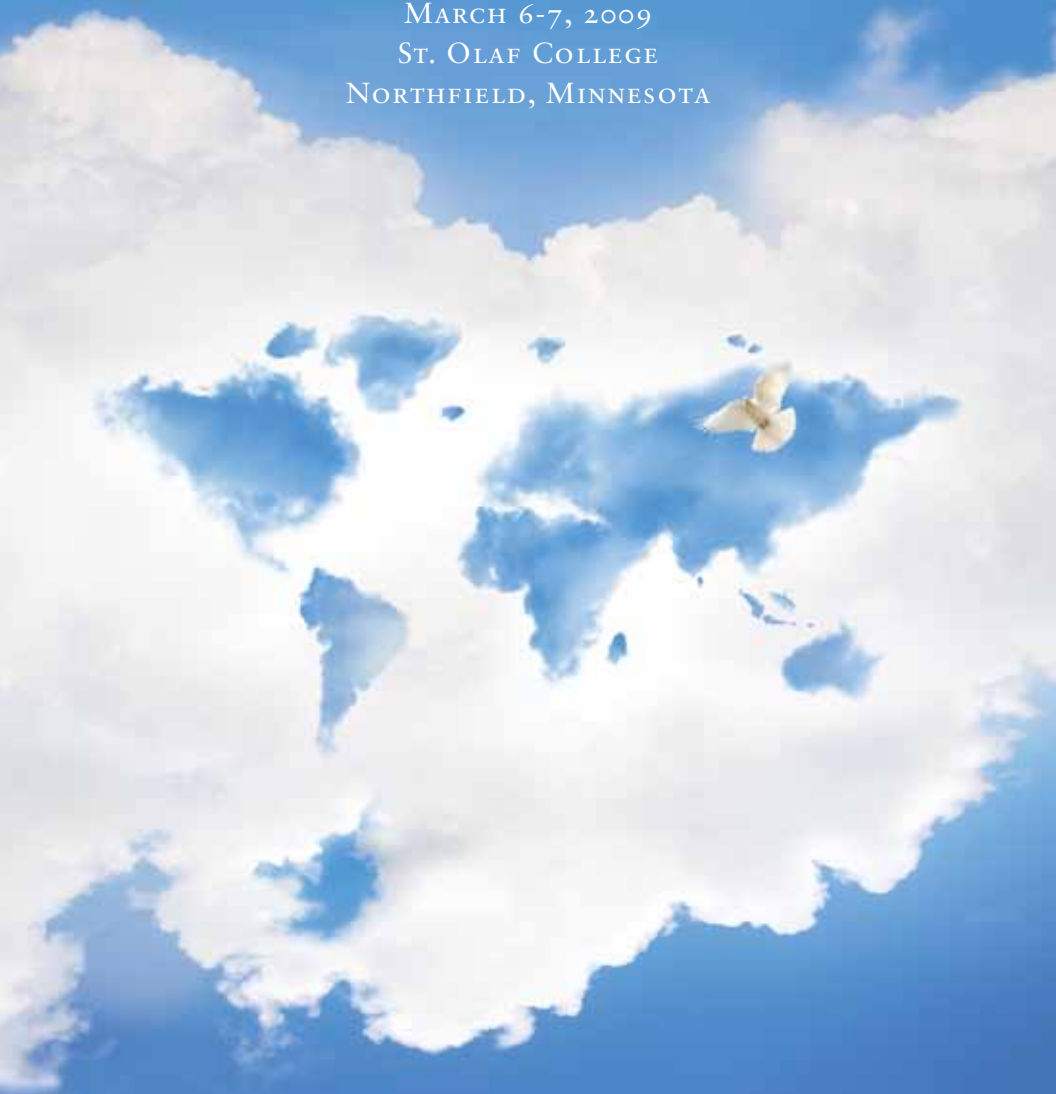
STRIVING FOR PEACE • A CLIMATE FOR CHANGE

*The 21<sup>st</sup> Annual Nobel Peace Prize Forum*

MARCH 6-7, 2009

ST. OLAF COLLEGE

NORTHFIELD, MINNESOTA



In cooperation with the Norwegian Nobel Institute, These five Midwestern colleges of the Evangelical Lutheran Church in America sponsor the annual Nobel Peace Prize Forum.

AUGSBURG  
COLLEGE

AUGUSTANA  
COLLEGE

CONCORDIA  
COLLEGE

LUTHER  
COLLEGE

ST. OLAF  
COLLEGE

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*In cooperation with the Norwegian Nobel Institute, five Midwestern colleges of the Evangelical Lutheran Church in America Sponsor the annual Nobel Peace Prize Forum. This prestigious event is the Norwegian Nobel Institute's only such program or academic affiliation outside Norway.*

*The colleges, all founded by Norwegian immigrants, sponsor the forum to give recognition to Norway's international peace efforts and to offer opportunities for Nobel Peace laureates, diplomats, scholars, students and the general public to engage in dialogue on the dynamics of peacemaking and the underlying causes of conflict and war.*

AUGSBURG COLLEGE    AUGUSTANA COLLEGE    CONCORDIA COLLEGE    LUTHER COLLEGE    ST. OLAF COLLEGE

In countries and states around the world, the issue of climate change is high on agendas both political and practical. In 2007 the Norwegian Nobel Committee awarded the Nobel Peace Prize jointly to the Intergovernmental Panel on Climate Change (IPCC) and former Vice President Al Gore for their role in spreading awareness of human contributions to climate change and their continuing efforts to urge countries, corporations, organizations, and individuals to take steps toward counteracting such change. The 21st annual Nobel Peace Prize Forum is proud to honor their work.

*“Honouring the IPCC ... in essence can be seen as a clarion call for the protection of the earth as it faces the widespread impacts of climate change. The choice ... is, in our view, an acknowledgement of three important realities, which can be summed up as:*

- 1. The power and promise of collective scientific endeavour, which, as demonstrated by the IPCC, can reach across national boundaries and political differences in the pursuit of objectives defining the larger good of human society.*
- 2. The importance of the role of knowledge in shaping public policy and guiding global affairs for the sustainable development of human society.*
- 3. An acknowledgement of the threats to stability and human security inherent in the impacts of a changing climate and, therefore, the need for developing an effective rationale for timely and adequate action to avoid such threats in the future.”*

Rajendra K. Pachauri, Chairman of IPCC  
Nobel Lecture, December 10, 2007

*“We, the human species, are confronting a planetary emergency — a threat to the survival of our civilization that is gathering ominous and destructive potential even as we gather here. But there is hopeful news as well: we have the ability to solve this crisis and avoid the worst — though not all — of its consequences if we act boldly, decisively, and quickly.”*

Al Gore, Former Vice President  
Nobel Lecture, December 10, 2007

# FRIDAY, MARCH 6

11:30 a.m. Registration Opens  
Skoglund Center

1–2:30 p.m. Opening Ceremonies and Plenary Session  
Skoglund Center

*Grand Valley Fanfare* by Eric Ewazen  
St. Olaf Brass Quintet; Garrett Klein '11, Jaclyn Melander '11,  
Tim Dwight '09, Ben Sink '12, Alan Richardson-Hohn '11

Welcome, St. Olaf College President David R. Anderson '74

Greeting on behalf of Norway from Minister Aud Kolberg

Greeting on behalf of the Norwegian Nobel Institute  
from Director Geir Lundestad

Greeting on behalf of the St. Olaf student body by Student  
Government Association President Wade Hauser '09

**PROJECTING PEACE:  
THE IPCC AND THE SCIENCE OF CLIMATE CHANGE**  
Richard Alley, Evan Pugh Professor of Geosciences at  
Pennsylvania State University

Human burning of fossil fuels and other activities are altering  
the atmosphere, causing warming and other climate changes  
with subsequent impacts on economies and ecosystems. These  
climate changes and their impacts will accelerate if we continue  
with business as usual, but cost-effective options exist for mini-  
mizing these changes and adapting to them as they occur. An  
interwoven web of scientific results supports these conclusions  
and was communicated to policymakers in a publicly account-  
able way by the Intergovernmental Panel on Climate Change  
(IPCC). Alley assisted the IPCC in their deliberations and will  
attest to the well-known integrity of the process.

*Introducing Richard Alley*  
Robert Jacobel, Grace A. Whittier Endowed Chair of Physics at  
St. Olaf College

A Q & A session will follow. Please write your question on the  
cards that are available at the auditorium entrance. Session hosts  
will collect your cards after the talk.

2:45–4 p.m.

Concurrent Presentations  
(See pages 15-17 for presentation descriptions)

*Approaching Peace Through the Lens of Art*  
Regents Hall 190

*Spiritual and Religious Dimensions of Climate Change*  
Regents Hall 150

*Science and Adventure in the Siberian Arctic*  
Science Center 280

*Homegrown Renewable Energy*  
Regents Hall 210

*Climate Change and Prairie Wetlands*  
Regents Hall 390

*Local Energy Action Now:  
Engaging Local Citizens to Mitigate Climate Change*  
Buntrock Commons, Black Ballroom

*Making American Environmental History*  
Buntrock Commons, Gold Ballroom

*Norway and Climate Change: Adaptation and Peacemaking*  
Regents Hall 356

*Food & Climate Change: Something New to Chew On*  
Buntrock Commons, Sun Ballroom

*Re-Generation: The Youth Climate Movement*  
Buntrock Commons, Valhalla Room

*Hope for a Heated Planet:  
How You Can Win a Nobel Peace Prize*  
Holland Hall 501

*Bold Federal Action on Climate Change*  
Regents Hall 310

*Panel on State Government Policy and Action*  
Buntrock Commons, Viking Theater

4:15–5:15 p.m. Featured Speaker  
Boe Chapel

**REDEFINING ENVIRONMENT**  
John Francis

Known the world over as the Planetwalker, Francis will discuss how the current environmental crisis is a reflection of worldwide social and economic inequity and that any attempt to resolve the crisis must not only address the scientific issues, such as climate change and deforestation, but also the humanitarian issues. From peace and justice to everyday civility, Francis contends that our connection to the earth as well as each other is at the heart of the environmental crisis. He will reflect on his own journey into environmental awareness beginning in Philadelphia as the son of a West Indian immigrant to writing international oil spill regulations for the U.S. Coast Guard.

*Introducing John Francis*  
Max Holmes, Chesley Distinguished Visiting Associate Professor of Biology at Carleton College

4–7 p.m. Peace Fair  
Buntrock Commons, Crossroads  
(See page 25 for listing of participants)

5:15–6:30 p.m. Dinner  
Buntrock Commons, Stav Hall  
Students, faculty and staff from sponsoring colleges will use nametag for entry. Other guests may purchase dinner in Stav Hall for \$10.65.

7–8:15 p.m. Plenary Session  
Skoglund Center

Jazz music by *The Shamen*  
Ben Baker '09, Jacob Dalager '09, Chris Hanley '09,  
Paul Sauey '10, Natalie Warren '10

**THE HUMAN CONSEQUENCES OF CLIMATE CHANGE**  
James R. Lyons, Vice President for Policy and Communications with Oxfam America and lecturer and research scholar at the Yale School of Forestry and Environmental Studies

Climate change affects the lives and livelihoods of everyone, but the impact is dramatically greater on poor communities

and women and children in developing countries. Through no fault of their own, climate-vulnerable communities face increased risks to their health, livelihoods and security. As a result, climate change represents a humanitarian threat of global proportions. Oxfam America is working to bring attention to this crisis and ensure that helping vulnerable communities adapt to global warming, building climate resilience, and reducing greenhouse gas emissions are a high priority for President Barack Obama, the United States Congress, and U.S. negotiators in Copenhagen.

*Introducing James Lyons*  
Michael Schmitz '03  
Volunteer for Oxfam Action Corps-Minnesota

A Q & A session will follow. Please write your question on the cards that are available at the auditorium entrance. Session hosts will collect your cards after the talk.

8:30–10 p.m. *The Wedge Game: Using Existing Technology to Solve the Climate Crisis*  
Buntrock Commons, Ballroom

Solving the climate crisis means reducing carbon emissions. This sounds simple. But how can we hope to reduce emissions by 175 billion tons by 2054? This interactive exercise will explore this question by examining the promise of employing a portfolio of current technologies to reach this goal.

8:30–10 p.m. *The Listening Project*  
Carrie Lennox and Bob Roeglin '73  
Science Center 280

This film follows four unique Americans through 14 countries — from a Shanghai hip-hop club to a war-ravaged Kabul neighborhood to a village at the foot of Mt. Kilimanjaro — and in each place they ask, “What do you think of America?” In beautifully photographed locales, we encounter fascinating and diverse characters who reveal not only the impact of the U.S. on their lives, but also their perspectives on crumbling empires, human fellowship, and what it means to be a citizen in a globalized world. A discussion will follow the film.

8:30–10 p.m. *Peace Piece*  
Dittmann Center, Studio One

Anthony Roberts, choreographer and artist-in-residence in dance at St. Olaf College, and Jen Berghs '09, Shannon Denzel '12, Libby Nail '11, Megan Parlanti '09, Brittany Paulsen '10, Meagan Smith '11, Tiela Talley '12, Britt Were '11

Roberts provides this artist's statement:  
"Peace Piece was conceived from a single gesture and with the broad conceptual theme of peace in mind. As a political in-activist, Peace Piece represents my ambivalence and frustration toward the concept of achieving peace through non-peaceable means and the business of politics. In its essence, Peace Piece's abstract negotiation between human bodies, minds, and spirits in space, time, and energy is a metaphor for the complex struggle inherent in achieving and maintaining peace."

10–11:15 p.m. Concert  
*Cloud Cult*  
Buntrock Commons, Lion's Pause, Mane Stage

This concert is for students only.  
Your nametag will be your entrance ticket.

#### ART EXHIBIT, DITTMANN CENTER, FLATEN ART MUSEUM.

*My Arctic: Siberian Schoolchildren Express Environmental Awareness Through Art*

The exhibit runs continuously during the Peace Prize Forum

In the Republic of Sakha in northern Siberia, grade-school students have become key partners in a scientific research initiative exploring the impact of climate change on the Arctic. This work is part of The Student Partners Project led by Max Holmes, a scientist at the Woods Hole Research Center. Most of the artists in this exhibit are Evenki children who live in communities north of the Arctic Circle that still engage in the traditional activities of fishing, hunting, and reindeer herding. The artwork depicts the children's perceptions of the environmental changes around them.

## SATURDAY, MARCH 7

7:45–8:30 a.m. Breakfast (sponsoring colleges and presenters only)  
Buntrock Commons, Stav Hall

8:45–9:45 a.m. Saturday Concurrent Presentations I  
(See pages 18-23 for presentation descriptions)

*Assets over Needs: Alleviating Poverty from the Inside Out*  
Regents Hall 356

*Changing the Climate by Doing Campus Ecology*  
Regents Hall 210

*Climate Stories from Tanzania*  
Dittmann Center 204

*Developing a Local Food Economy*  
Regents Hall 290

*Ecological Challenges in South India*  
Regents Hall 190

*Endangered: The Island of Tuvalu*  
Regents Hall 410

*Exploring the Faces of Climate Change*  
Regents Hall 390

*Exploring the Growing Rural Renaissance*  
Regents Hall 310

*Hop on the Bus!*  
Meet in front of Buntrock Commons, parking lot entrance

*How Does the College Garden Grow?*  
Buntrock Commons 142

*Human Consequences of a Warming Planet:  
Seeking Climate Justice and How You Can Help*  
Regents Hall 150

*Local Energy Action Now: Engaging Local Citizens  
to Mitigate Climate Change*  
Buntrock Commons, Black Ballroom

*My Arctic: A Discussion of Siberian Children's Art*  
Dittmann Center, Flaten Museum

*Peace Piece*  
Dittmann Center, Studio One

*Re-Generation: The Youth Climate Movement*  
Buntrock Commons, Valhalla Room

*Teaching the Wedge Game:  
How to Provide a Climate of Hope Using Current Technologies*  
Buntrock Commons, Gold Ballroom

*The Listening Project*  
Buntrock Commons, Sun Ballroom

*The Polaris Project: Current Research in Arctic Ecosystem Science*  
Science Center 280

*Using Satellite and Space Telescope Images to Track Climate Change*  
Buntrock Commons, Lion's Pause

*Wal-Mart and Green Corporate Responsibility*  
Buntrock Commons, Viking Theater

*Water Issues in the Middle East*  
Buntrock Commons 144

*What Does It Mean to Be a Peace Scholar?  
Studying Peace, Sustainability, and Community in Guatemala*  
Buntrock Commons 143

10–10:30 a.m. *A Climate for Change*  
Interfaith worship service, Boe Chapel

10:45–  
11:30 a.m. Featured Speaker  
Boe Chapel

**IT'S TIME FOR ACTION ON CLIMATE CHANGE**  
Amy Klobuchar, U.S. Senator from Minnesota

A member of the Senate Environment and Public Works Committee and a leader in the efforts to protect the nation's natural resources, Klobuchar will discuss initiatives she's working on to address global climate change. Her "carbon counter" bill is viewed as the first step toward reducing the country's carbon emissions, and she has led the charge for increased investments in renewable energy, higher vehicle efficiency standards, and the expansion of green technologies.

*Introducing Amy Klobuchar*  
St. Olaf College President David R. Anderson '74

11:30 a.m.–  
1:15 p.m. Student Expo and Peace Fair  
Buntrock Commons

11:30 a.m. Lunch  
Buntrock Commons Fireside Lounge

Pick up your vegetarian box lunch in the Fireside Lounge on the main floor of Buntrock Commons and proceed to Saturday Seminar II sessions. Your nametag is your lunch ticket.

Noon-1 p.m. Saturday Concurrent Presentations II  
(See pages 18-23 for presentation descriptions)

*Changing the Climate by Doing Campus Ecology*  
Regents Hall 210

*Climate Stories from Tanzania*  
Dittmann Center 204

*Endangered: The Island of Tuvalu*  
Regents Hall 410

*Faith-Based Approaches in Conservation:  
A Lasting Legacy or a Bunch of Preaching?*  
Buntrock Commons, Black Ballroom

*Hop on the Bus!*  
Meet in front of Buntrock Commons, parking lot entrance

*How Does the College Garden Grow?*  
Buntrock Commons 142

*Human Consequences of a Warming Planet:  
Seeking Climate Justice and How You Can Help*  
Regents Hall 150

*Palestinian Christian Clubs: Building Community*  
Regents Hall 356

*Perspectives on the Sustainability in Art and the Art in Sustainability*  
Buntrock Commons, Sun Ballroom

*Re-Generation: The Youth Climate Movement*  
Buntrock Commons, Valhalla Room

*Sustainable Justice: The Future of Environmental Justice*  
Regents Hall 310

*The Healing Journey: Integrating Modern Science, Traditional Knowledge, and Environmental Stewardship*  
Dittmann Center, Flaten Museum

*The Impact of Global Warming on Environmental Health Challenges in India*  
Regents Hall 190

*The Polaris Project: Current Research in Arctic Ecosystem Science*  
Science Center 280

*Using Satellite and Space Telescope Images to Track Climate Change*  
Buntrock Commons, Lion's Pause

*Water Issues in the Middle East*  
Buntrock Commons 144

*What Does It Mean to Be a Peace Scholar? Studying Peace, Sustainability, and Community in Guatemala*  
Buntrock Commons 143

1:15–2:30 p.m. Plenary Session  
Skoglund Center

St. Olaf College Taiko Drum ensemble and  
Luther College Yosakoi Dance ensemble

**CLIMATE CHANGE: THE DEFINING CHALLENGE OF OUR TIME**  
Rajendra K. Pachauri, video message

The consequences of global warming include increased intensity of tropical cyclones, increased frequency of heavy precipitation, and rising sea levels. These changes in the global climate endanger peace by causing, among other things, an increase in “environmental refugees,” which triggers the destabilization of social and political systems worldwide. Pachauri calls for “integrated and comprehensive solutions” requiring the mobilization of the scientific community — and all of human society — to stabilize the earth’s climate.

*Introducing Pachauri’s message*  
Anne Walter, professor of biology at St. Olaf College

*Response to Pachauri’s message*  
Richard Alley, James R. Lyons, and Robert K. Musil

2:30–4 p.m. Final Plenary Session  
Skoglund Center

Presentation of 2009-10 Peace Scholars  
Skoglund Center

Maureen Reed, the Nobel Peace Prize Forum executive committee co-chair, will introduce the scholars.

Poetry reading by Mac Gimse ’58

**GREENING THE GHETTO—AND HOW MUCH IT WON’T COST US**  
Majora Carter

Sustainable South Bronx, the organization Carter founded, pioneered green-collar job training and placement systems in one of the most environmentally and economically challenged parts of the U.S. She will talk about how the interests of civic, business, and nonprofit groups can be met by working together to invest in an urban green economy.

*Introducing Majora Carter*  
Steven Soderlind, professor of economics and associate dean of the social sciences at St. Olaf College

Closing Remarks  
St. Olaf College President David R. Anderson ’74

Invitation to the 2010 Nobel Peace Prize Forum  
Augsburg College President Paul Pribbenow

*Quintet No. 1* by Viktor Ewald  
*III. Allegro Moderato*  
St. Olaf Brass Quintet

Students from sponsoring colleges who arrived on buses should meet in front of Skoglund Center near the traffic circle immediately after closing ceremonies conclude.

## PLENARY AND FEATURED SPEAKERS

### RICHARD ALLEY

Evan Pugh Professor of Geosciences and associate of the Earth and Environmental Systems Institute at Pennsylvania State University



Alley is a contributing scientist with the Intergovernmental Panel on Climate Change, the United Nations network of scientists that shared the 2007 Nobel Peace Prize with former Vice President Al Gore. As a member of the IPCC's Working Group I, he helped author a comprehensive assessment of the physical science of climate change titled "Climate Change 2007: The Physical Science Basis."

Alley teaches and conducts research on the climatic records, flow behavior, and sedimentary deposits of large ice sheets to aid in prediction of future changes in climate and sea level. As part of that research, he has conducted fieldwork in Antarctica, Greenland, and Alaska. Alley chaired the National Research Council Committee on Abrupt Climate Change and was elected to the National Academy of Sciences. He has been involved with advisory groups to improve national and international research and has been active in translating research findings to a broad audience through television, radio, and print outlets. Alley's popular account of climate change and ice cores, *The Two-Mile Time Machine*, was chosen as the Science Book of the Year by Phi Beta Kappa in 2001.

### MAJORA CARTER

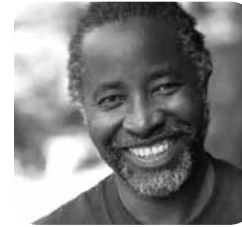
President of the Majora Carter Group, LLC



Carter simultaneously addresses public health, poverty alleviation, and climate change as one of the nation's pioneers in successful green-collar job training and placement systems. She founded Sustainable South Bronx in 2001 to achieve environmental justice through economically sustainable projects informed by community needs. Her work has been noted in numerous books and celebrated with awards from the National Audubon

Society, the Environmental Protection Agency, and the National Resources Defense Council, among others. She is a MacArthur "Genius" Fellow, one of Essence Magazine's 25 Most Influential African-Americans in 2007, and one of the NY Post's Most Influential NYC Women for the past two years. She has been recording a special National Public Radio series, "The Promised Land," for 2009 release. As president of the Majora Carter Group, LLC, her work now includes advising cities, foundations, universities, businesses, and communities around the world on unlocking their green-collar economic potential to benefit everyone.

### JOHN FRANCIS



Known the world over as the Planetwalker, Francis witnessed an oil spill in San Francisco Bay in 1971. The effects of the spill compelled him to stop using motorized vehicles. Several months later, to stop the arguments about the power of one person's actions, he took a vow of silence. His non motorized lifestyle lasted 22 years, and his silence lasted 17 years. During that time Francis walked across the United States, earned a B.A. at Southern

Oregon State College, an M.S. in Environmental Studies at the University of Montana, and a Ph.D. in land resources at the University of Wisconsin. He later sailed and walked through the Caribbean and then walked the length of South America. Francis will speak about his journey, his unique perspective on the environment, and how we can each make a difference in our world. He is the author of *Planetwalker*. *22 Years of Walking*. *17 Years of Silence*.

### AMY KLOBUCHAR

U. S. Senator from Minnesota



In 2006 Amy Klobuchar became the first woman elected to represent Minnesota in the United States Senate. She previously served for eight years as the prosecutor for Hennepin County, Minnesota's most populous county. As a member of the Senate Environment and Public Works Committee, Klobuchar has been a leader in the efforts to protect the nation's natural resources. Her "carbon counter" bill is viewed as the first step toward

reducing the country's carbon emissions. She has led the charge for increased investments in renewable energy, higher vehicle efficiency standards, and the expansion of green technologies. As a member of the Oceans Subcommittee, she is working to protect valuable water resources. She is a strong supporter of the Great Lakes Compact. Klobuchar is the Chair of the Environment and Public Work Committee's Subcommittee on Children's Health. She is also a member of the Senate Judiciary Committee, the Commerce Committee, the Agriculture Committee, and the Joint Economic Committee.

### JAMES R. LYONS

Vice president for policy and communications at Oxfam America



Before joining Oxfam America, Lyons was executive director of the Casey Tree Endowment Fund, one of the nation's largest urban conservation and ecological restoration NGOs. Earlier, Lyons served in the Clinton administration as Under Secretary for Natural Resources and Environment in the Department of Agriculture. Highlights of his time in that position include drafting the



conservation and forestry titles of the 1990 Farm Bill, co-chairing an interagency effort to develop the Clean Water Action Plan, assisting in the restructuring of the Department of Agriculture, promoting national conservation and environmental leadership at the USDA, and facilitating major land acquisitions for the national forest system. Lyons has been teaching at Yale's School of Forestry and Environmental Studies since 2001.

### ROBERT K. MUSIL

Scholar in Residence at American University's School of International Studies



Musil is the 2009 Woodrow Wilson Visiting Fellow at St. Olaf College. He served until 2006 as the longtime head of Physicians for Social Responsibility, which shared in the 1985 Nobel Peace Prize that was awarded to the International Physicians for the Prevention of Nuclear War. A leader in national peace, nuclear disarmament, and environmental movements, he is the author of *Hope for a Heated Planet: How Americans are Fighting*

*Global Warming and Building a Better Future*, as well as host of the nationally syndicated radio program "Consider the Alternatives." Musil also serves on the boards of the Environmental Alliance, Population Connection, 20/20 Vision, the Council for a Livable World, and the Herbert R. Scoville Peace Fellowships.

### RAJENDRA K. PACHAURI

Chairman of the Intergovernmental Panel on Climate Change and Director-General of The Energy and Resources Institute



Pachauri has served as chairman of the Intergovernmental Panel on Climate Change, the United Nations network of scientists that shared the 2007 Nobel Peace Prize with former Vice President Al Gore, since 2002. He is also the director-general of The Energy and Resources Institute and chancellor of TERI University. The Energy and Resources Institute conducts research and provides professional support in the areas of energy, environment,

forestry, biotechnology, and the conservation of natural resources. Pachauri has been active in several international forums dealing with the subject of climate change and its policy dimensions, including the International Solar Energy Society, the World Resources Institute Council, the International Association for Energy Economics, and the Asian Energy Institute. In January 2008 the president of India awarded Pachauri the "Padma Vibhushan," the second highest civilian award in India, for his services in the fields of science and engineering.

## FRIDAY CONCURRENT PRESENTATION DESCRIPTIONS

### APPROACHING PEACE THROUGH THE LENS OF THE ARTS

Mac Gimse '58, professor emeritus of art and art history at St. Olaf College, and Anthony Roberts, artist in residence in dance at St. Olaf College  
Regents Hall 190

Gimse and Roberts will discuss intuition and intention and how it is reflected in their work. "My hands create the sculpture, which has no voice. My mind composes poetry, which informs the sculpture. They come together in my heart, which creates passion," Gimse says.

### SPIRITUAL AND RELIGIOUS DIMENSIONS OF CLIMATE CHANGE

Larry Rasmussen '61, Reinhold Niebuhr Professor Emeritus of Social Ethics at Union Theological Seminary, and Patricia Benson, Creation Care Coordinator with the Lutheran Coalition for Public Policy in Minnesota  
Regents Hall 150

This session will focus on the role religion and ethics have in understanding and constructing our responses to climate change. Presenters will discuss the link between environmental degradation and current social issues.

### SCIENCE AND ADVENTURE IN THE SIBERIAN ARCTIC

The Polaris Project team members  
Science Center 280

The mystery of the Arctic has captured public attention, in part because of the rapid pace of climate change there. In July 2008 participants in the Polaris Project traveled to Siberia to increase awareness of climate change in a relatively unexplored part of the world. They will share this experience through pictures and discussion.

### HOMEGROWN RENEWABLE ENERGY

John Farrell '01, research associate at the Institute for Local Self-Reliance  
Regents Hall 210

The best hope for combating climate change and building a sustainable society is to unlock the capability of individual citizens and communities. This presentation examines some of the key ways public policy can promote sustainable living through self-reliance on renewable energy.

### CLIMATE CHANGE AND PRAIRIE WETLANDS

Brett Werner '03, Ph.D. candidate at the University of Minnesota  
Regents Hall 390

Over the last 20 years, the Climate Change and Prairie Wetlands research group has developed two computer simulation models for wetland dynamics: WetSim, which simulates a single wetland basin, and WETLANDSCAPE, which simulates a complex of wetlands. In this talk, Werner will discuss the wetland

models, the climate of the prairie pothole region, and the implications of this research for biodiversity conservation and land management.

### **LOCAL ENERGY ACTION NOW: ENGAGING LOCAL CITIZENS TO MITIGATE CLIMATE CHANGE**

George Kinney, Bruce Anderson and Pat Allen  
Buntrock Commons, Black Ballroom

This presentation will describe how the Northfield Energy Task Force prepared a series of recommendations, as required, to the Northfield City Council to meet the Cities for Climate Protection milestones. Along the way, the task force catalyzed citizen groups to form around the topics of wind energy, car pooling, energy conservation, and other issues.

### **MAKING AMERICAN ENVIRONMENTAL HISTORY**

Fredric Quivik '71 and James Farrell, professor of history at St. Olaf College  
Buntrock Commons, Gold Ballroom

Quivik and Farrell will talk about the ways that the practice of history (even in classrooms) equips us with skills and perspectives that help us make history in our own time. Quivik will focus on the ways in which historic sites can (or could) help us understand the complexity of American energy history. And Farrell will focus on changing ecologies of everyday life and some of the histories of hope that can serve as a usable past for making history in the 21st Century. Together, they'll show ways that students of the arts and humanities can also contribute to climate change solutions.

### **NORWAY AND CLIMATE CHANGE: ADAPTATION AND PEACEMAKING**

Aud Kolberg, Deputy Chief of Mission with the Royal Norwegian Embassy in Washington, D.C.  
Regents Hall 356

With a tradition of peacemaking around the world, Norway is at the center of global efforts to respond to geo-political tensions created by the scarcities of natural resources that climate change causes. As an energy-rich country, Norway plays a special role in developing effective strategies to approach climate change and as a country of the far north, Norway is directly affected by the impact of climate change on the polar ice caps.

### **FOOD & CLIMATE CHANGE: SOMETHING NEW TO CHEW ON**

Heléne York, director of the Bon Appétit Management Company Foundation  
Buntrock Commons, Sun Ballroom

Bon Appétit seeks to reduce emissions associated with food service operations by 25 percent over five years and exceeded its goals by more than 10 percent in its first year. The foundation also developed a tool that allows users to calculate the

carbon points of their food choices and offers the ability to compare options based on lifecycle assessment of environmental impacts from food production, transportation, and processing. Learn how your food choices affect the global environment in a presentation that will touch on environmental science, ethical issues, and personal choice.

### **RE-GENERATION: THE YOUTH CLIMATE MOVEMENT**

Timothy DenHerder-Thomas, partnerships and development coordinator for The Summer of Solutions  
Buntrock Commons, Valhalla Room

Explore the emergence and growth of the Youth Climate Movement, an extraordinarily diverse, multifaceted movement of young people that is shaping international climate negotiations, shifting American politics, and uniting climate and energy solutions with economic revitalization and community building on campus and beyond. Learn how you can join in.

### **HOPE FOR A HEATED PLANET: HOW YOU CAN WIN A NOBEL PEACE PRIZE**

Robert K. Musil, Scholar in Residence at American University's School of International Studies, Woodrow Wilson Visiting Scholar  
Holland Hall 501

Longtime CEO of the Nobel Peace Prize-winning Physicians for Social Responsibility, Musil will discuss the critical role of ordinary citizens and organizations, including students, behind the 2007 Nobel Peace Prize to Al Gore and the IPCC as well as his own organization's Nobel and others. Musil explains that every Nobel Peace Prize has a cast of thousands of what President Obama calls "unsung heroes" behind it and how today's students can join in earning the next one.

### **BOLD FEDERAL ACTION ON CLIMATE CHANGE**

J. Drake Hamilton, science policy director of Fresh Energy, and Kate Ellis, 1Sky Minnesota Organizer  
Regents Hall 310

Fresh Energy's global warming solutions program will present the latest information on national action to achieve reductions in global warming pollution that are science-based and create millions of new jobs in clean energy as well as pathways out of poverty. Presenters will highlight national actions needed this year on real climate solutions.

### **PANEL ON STATE GOVERNMENT POLICY AND ACTION**

Paul Eger '96, commissioner of the Minnesota Pollution Control Agency, and Minnesota State Sen. Satveer Chaudhary '91, chair of the Senate Environment and Natural Resources Committee  
Buntrock Commons, Viking Theater

## SATURDAY CONCURRENT PRESENTATION DESCRIPTIONS

### ASSETS OVER NEEDS: ALLEVIATING POVERTY FROM THE INSIDE OUT

Vera Belazelkoska '09

8:45 a.m. only, Regents Hall 356

Belazelkoska will discuss community economic development, connecting her experiences in Namibia and Nicaragua. She will highlight the similarities in needs but differences in assets of each community and the importance of shifting away from need-based to asset-based community development. She will also discuss the importance of non-discriminatory, opportunity-building micro loans and caution against the hype of choosing to support one developmental tool while abandoning projects that work to satisfy a community's basic needs.

### CHANGING THE CLIMATE BY DOING CAMPUS ECOLOGY

James Farrell, professor of history at St. Olaf College, and St. Olaf students

8:45 a.m. and noon, Regents Hall 210

Farrell and students (past and present) from St. Olaf's Campus Ecology class will talk about a course that studies the moral ecology of everyday life on a college campus and shows how people (students, faculty, staff, and administrators) can contribute to campus policies and campus culture that harmonize human life and the teeming life of the planet.

### CLIMATE STORIES FROM TANZANIA

Joseph Mbele, associate professor of English at St. Olaf College

8:45 a.m. and noon, Dittmann Center 204

### DEVELOPING A LOCAL FOOD ECONOMY

Olivia Frey, secretary and chair of the Center for Sustainable Living in Northfield, and Rose Ann Steenhoek

8:45 a.m. only, Regents Hall 290

This session will focus on the need to develop local food economies as a "resilient" response to peak oil and global warming. It will introduce the idea of communities becoming "Transition Towns." An activity will have partners take turns expressing and listening to their fears, hopes, and potential action to eat local and "power down."

### ECOLOGICAL CHALLENGES IN SOUTH INDIA

Rebecca Dyer '09, Chelsea Koloski '10, Tony Paterno '09, Ian Pray '09 and

Kate Sullivan '09

8:45 a.m. only, Regents Hall 190

In India these students learned how to live with a much smaller carbon footprint than the one they leave in the U.S. However, the challenges there include contaminated waterways, invasive species, and sustainable cooking and agricultural practices. There are movements such as restoring land with native and medicinal plants, creating a new tiger reserve and elephant corridor, and the "plastic-free"

Nilgiri project that are simple in concept, complicated to implement, and extremely important for our long-term well-being.

### ENDANGERED: THE ISLAND OF TUVALU

Vicki and Lee Dilly

8:45 a.m. and noon, Regents Hall 410

Tuvalu has a maximum elevation of 4 meters above sea level and loses ground annually due to rising sea levels that are a result of global warming. Former Peace Corps volunteers Lee and Vicki Dilly were stationed in Tuvalu in the early 1980s and will discuss the plight of this small Pacific nation.

### EXPLORING THE FACES OF CLIMATE CHANGE

Lindsey Bulger, youth program co-coordinator for the Lutheran Peace Fellowship

8:45 a.m. only, Regents Hall 390

Through the interactive exercise "Circle of Truths," the session will explore how climate change affects individuals' lives worldwide. This powerful activity will provide a chance to step into other people's shoes, to think critically and creatively, and connect with the humanity at the bottom of this complex issue.

### EXPLORING THE GROWING RURAL RENAISSANCE

Jan Joannides, co-founder and executive director of Renewing the Countryside

8:45 a.m. only, Regents Hall 310

### FAITH-BASED APPROACHES IN CONSERVATION: A LASTING LEGACY OR A BUNCH OF PREACHING?

Sudeep Chandra, department of natural resources and environmental science at the University of Nevada-Reno

Noon only, Buntrock Commons, Black Ballroom

### HOP ON THE BUS!

Pete Sandberg, assistant vice president for facilities at St. Olaf College

8:45 a.m. and noon, Meet in front of Buntrock Commons, parking lot entrance

Hop on the bus and take a trip to view the St. Olaf wind turbine up close and personal. Swing on by the St. Olaf compost operation and then cruise by the newly constructed Regents Hall that received Xcel Energy's Best-Integrated Design award from the company's Energy Design Assistance Program.

### HOW DOES THE COLLEGE GARDEN GROW?

Abby Benson '11, Kristin Johnson '10 and Rob Smith '10

8:45 a.m. and noon, Buntrock Commons 142

The STOGROW farm project is a student-run community initiative. The goals are to practice sustainable farming methods; to provide fresh, local vegetables, fruits, herbs, and flowers to the community; to foster agricultural awareness; and to provide education about sustainable food production. Learn how campus-affiliated farms can provide healthy food for the college and community.

## HUMAN CONSEQUENCES OF A WARMING PLANET: SEEKING CLIMATE JUSTICE AND HOW YOU CAN HELP

Michael Schmitz '03 and Mark Fangmeier, volunteers for Oxfam Action Corps-Minnesota.

8:45 a.m. and noon, Regents Hall 150

Climate change affects everybody, but is particularly devastating to the world's poorest communities. This seminar will share the stories of courage profiled in Oxfam's film *Sisters on the Planet*. Schmitz and Fangmeier will illustrate how solutions to the impact of climate change are within reach, and they will provide information about advocating for climate policies that stop hurting and start helping.

## LOCAL ENERGY ACTION NOW: ENGAGING LOCAL CITIZENS TO MITIGATE CLIMATE CHANGE

George Kinney, Bruce Anderson and Pat Allen

8:45 a.m. only, Buntrock Commons, Black Ballroom

This presentation will describe how the Northfield Energy Task Force prepared a series of recommendations, as required, to the Northfield City Council to meet the Cities for Climate Protection milestones. Along the way, the Task Force catalyzed citizen groups to form around the topics of wind energy, car pooling, energy conservation, and other issues.

## MY ARCTIC: A DISCUSSION OF SIBERIAN CHILDREN'S ART

R. Max Holmes, Woods Hole Research Center, and Matt Rohn, professor of art history at St. Olaf College

8:45 a.m. only, Dittmann Center, Flaten Museum

Holmes and Rohn will discuss the current exhibit in Flaten Museum titled *My Arctic: Siberian Schoolchildren Express Environmental Awareness Through Art*

## PALESTINIAN CHRISTIAN CLUBS: BUILDING COMMUNITY

Kate Hagen '09

Noon only, Regents Hall 356

Christian clubs in Ramallah, Jerusalem, and the Bethlehem area create a strong community. This student seminar will discuss how six Christian clubs, interviewed in January 2008 for the larger project "Palestinian Christians: Strengthening Identity, Activating Potential," provide a positive environment and a source of hope under difficult political and economic circumstances.

## PEACE PIECE

8:45 a.m. only, Dittmann Center, Studio One

Anthony Roberts, choreographer and artist in residence at St. Olaf College, with Jen Berghs '09, Shannon Denzel '12, Libby Nail '11, Megan Parlanti '09, Brittany Paulsen '10, Meagan Smith '11, Tiela Talley '12, and Britt Were '11

Roberts provides this artist's statement:

*"Peace Piece was conceived from a single gesture and with the broad conceptual*

*theme of peace in mind. As a political 'in-activist,' Peace Piece represents my ambivalence and frustration toward the concept of achieving peace through non-peaceable means and the business of politics. In its essence, Peace Piece's abstract negotiation between human bodies, minds and spirits in space, time and energy is a metaphor for the complex struggle inherent in achieving and maintaining peace."*

## PERSPECTIVES ON THE SUSTAINABILITY IN ART AND THE ART IN SUSTAINABILITY

Aaron Dysart, local sculptor and sustainable art-making fellow with Public Art Saint Paul

Noon only, Buntrock Commons, Sun Ballroom

## RE-GENERATION: THE YOUTH CLIMATE MOVEMENT

Power Shift Students

8:45 a.m. and noon, Buntrock Commons, Valhalla Room

Explore the emergence and growth of the Youth Climate Movement, an extraordinarily diverse, multifaceted movement of young people that is shaping international climate negotiations, shifting American politics, and uniting climate and energy solutions with economic revitalization and community building on campus and beyond. Learn how you can join in.

## SUSTAINABLE JUSTICE: THE FUTURE OF ENVIRONMENTAL JUSTICE

Environmental justice students at St. Olaf College

Noon only, Regents Hall 310

## TEACHING THE WEDGE GAME: HOW TO PROVIDE A CLIMATE OF HOPE USING CURRENT TECHNOLOGIES

John Schade, assistant professor of biology and environmental studies at St. Olaf College

8:45 a.m. only, Buntrock Commons, Gold Ballroom

Schade and students will explain how to use this activity to help instill hope in students and colleagues. In response to audience interests, participants will answer questions and discuss strategies and pitfalls faced in teaching The Wedge Game.

## THE HEALING JOURNEY: INTEGRATING MODERN SCIENCE, TRADITIONAL KNOWLEDGE, AND ENVIRONMENTAL STEWARDSHIP

Jon Waterhouse, director of the Yukon River Inter-Tribal Watershed Council

Noon only, Dittmann Center, Flaten Museum

Waterhouse will describe a "healing journey" that began a few years ago and has gone global. During these journeys by canoe, participants collect modern scientific data, but more important is the interaction between indigenous peoples that leads to many long discussions with elders and youth about observations of climate change and effects on culture. Their travels have taken them along the length of the Yukon and Porcupine rivers, to the Pacific Northwest, the Lena River in the Sakha Republic, and soon to the MacKenzie and White Nile rivers.

## THE IMPACT OF GLOBAL WARMING ON ENVIRONMENTAL HEALTH CHALLENGES IN INDIA

Shoshana Blank '10, Matt Gilbertson '09, Kayli Henry '09, Rebecca Rand '10, Deanna Tollefson '10  
Noon only, Regents Hall 190

Water and waste and how these are handled are critical community health issues. These students will share research on topics ranging from preventing mosquito breeding to limiting diseases such as malaria and dengue fever to handling the massive amounts of water, associated with monsoon rains. Wastes contaminate the water, but its disposal contaminates the air. Indoor air pollution from wood and dung cooking fires is another challenge related to the survival and well-being of these communities.

## THE LISTENING PROJECT

Carrie Lennox  
8:45 a.m. only, Buntrock Commons, Sun Ballroom

This film follows four unique Americans through 14 countries — from a Shanghai hip-hop club to a war-ravaged Kabul neighborhood to a village at the foot of Mt. Kilimanjaro — and in each place they ask, “What do you think of America?” In beautifully photographed locales, they encounter fascinating and diverse characters who reveal not only the impact of the U.S. on their lives, but also their perspectives on crumbling empires, human fellowship, and what it means to be a citizen in a globalized world.

## THE POLARIS PROJECT: CURRENT RESEARCH IN ARCTIC ECOSYSTEM SCIENCE

Andy Bunn, Huxley School of the Environment, Western Washington University; Katey Walter, Water and Environmental Research Center, University of Alaska-Fairbanks; William Sobczak, Biology Department, College of the Holy Cross and Karen Frey, Graduate School of Geography, Clark University  
8:45 a.m. and noon, Science Center 280

Scientists who are major participants in the Polaris Project will present significant research activities related to Arctic Ecology and the impacts of climate change. Each session will consist of two research talks with time for questions from the audience.

## USING SATELLITE AND SPACE TELESCOPE IMAGES TO TRACK CLIMATE CHANGE

Joel Halvorson '83 and Sally Brummel, Minnesota Planetarium Society  
8:45 a.m. and noon, Buntrock Commons, Lion's Pause

## WAL-MART AND GREEN CORPORATE RESPONSIBILITY

Eric Fure-Slocum, assistant professor of history at St. Olaf College  
8:45 a.m. only, Buntrock Commons, Viking Theater

Wal-Mart's green strategy marks a significant change for the world's largest retailer. From its trucking fleet to light-bulbs, Wal-Mart has taken up the cause of green commerce. But can green strategies be effective within the context of big box retail? How do we measure success toward sustainability for a company like Wal-Mart? Can green strategies and growth find common ground in discount retail? What are the benefits and drawbacks to market-based solutions for climate change and environmental problems?

## WATER ISSUES IN THE MIDDLE EAST

Thomas Van Wylen '11 and St. Olaf Students  
8:45 a.m. and noon, Buntrock Commons 144

Students from the fall 2008 St. Olaf College Term in the Middle East program will lead a discussion on global water issues based on their experiences learning about water issues throughout their travels to Turkey, Morocco, and Egypt. River management, water privatization, and governmental policies are of particular importance in these water scarce regions of the world.

## WHAT DOES IT MEAN TO BE A PEACE SCHOLAR? STUDYING PEACE, SUSTAINABILITY, AND COMMUNITY IN GUATEMALA.

2009 Peace Scholars  
8:45 a.m. and noon, Buntrock Commons, 143

The 2009 Peace Scholars from Nobel Peace Prize Forum colleges will discuss their experiences in Guatemala, a country recovering from civil war but still struggling with endemic violence, poverty, inequality, and environmental damage, and how it changed their understanding of peace and sustainability.

## THE PEACE SCHOLARS

The Peace Scholars program was established by the Nobel Peace Prize Forum Executive Committee in 2007. The purpose of the program is to develop leaders with a lifelong interest in world peace issues. Annually, two students from each of the five Nobel Peace Prize Forum colleges are selected as scholars. Together the scholars participate in a summer travel seminar designed to deepen their understanding of issues related to peace, justice, democracy, and human rights.

The 2008 Peace Scholars studied peace, sustainability, and community in Guatemala in a travel seminar organized through Augsburg College's Center for Global Education.

The 2009 Peace Scholars will be announced during this year's Forum. This summer they will travel to Chiapas, Mexico, with faculty coordinator Elise Marubbio, assistant professor of American Indian studies at Augsburg College. The travel seminar, organized by the Center for Global Education at Augsburg College, will focus on indigenous issues related to human rights, the environment, women's groups, and the land, attending to themes of democracy and post-conflict peace building. Upon returning to their respective campuses, the scholars assist with the promotion of the Nobel Peace Prize Forums and assume leadership roles in peace activities on their campuses.

The Peace Scholars program is open to full-time first-year, sophomore, or junior students with a strong academic record and a minimum GPA of 3.0. For more information on the program, contact your Nobel Peace Prize Forum campus coordinator.

PEACE SCHOLARS	2008-09	2009-10
Augsburg College:	Hannah Glusenkamp Willie Pinckney	Katia Iverson Jessica Spanswick
Augustana College:	Kara Kingma Clarissa Thompson	Kimberly Johnson Beth Singleton
Concordia College:	Kelsey Corbin KatyAnna Johnson	Kayte McGuire Dana Rognlie
Luther College:	Fran Fairfield Manu Ramkumar	Kirstin Manges Mitch Zoelzer
St. Olaf College:	Nate Black Kate Tecku	Laura Guzman Jennifer Kramm

## PEACE FAIR

The Center for Experiential Learning, in conjunction with the 21st annual Nobel Peace Prize Forum and Globalization and Social Responsibility Conference, hosts the 11th annual Worldwide Service Fair (titled the Peace Fair this year under the auspices of the Peace Prize Forum) to provide an opportunity for students to connect with volunteer/service organizations and advocacy opportunities. Many of the fair's organizations have missions that relate to the Peace Prize Forum's theme of combating climate change, and all work to promote peace and justice domestically and internationally.

### PEACE FAIR PARTICIPANTS

Big Brothers Big Sisters of Southern Minnesota  
ELCA Global Mission  
Global Volunteers  
HECUA, Higher Education Consortium for Urban Affairs  
Institute for Local Self-Reliance  
International Decade for a Culture of Peace and Nonviolence for the Children of the World  
International Studies Abroad — Experiential Learning Abroad Programs  
Invisible Children  
Jesuit Volunteer Corps  
Lutheran Peace Fellowship  
Mennonite Central Committee, Central States  
Minnesota Reading Corps  
Northfield Energy Task Force  
Oxfam Action Corps—Minnesota  
Peace Corps  
St. Joseph Worker Program  
Starwalkers  
Youth Encounter

### BOOKSIGNINGS

Friday, March 6, 4–5 p.m.  
Robert K. Musil

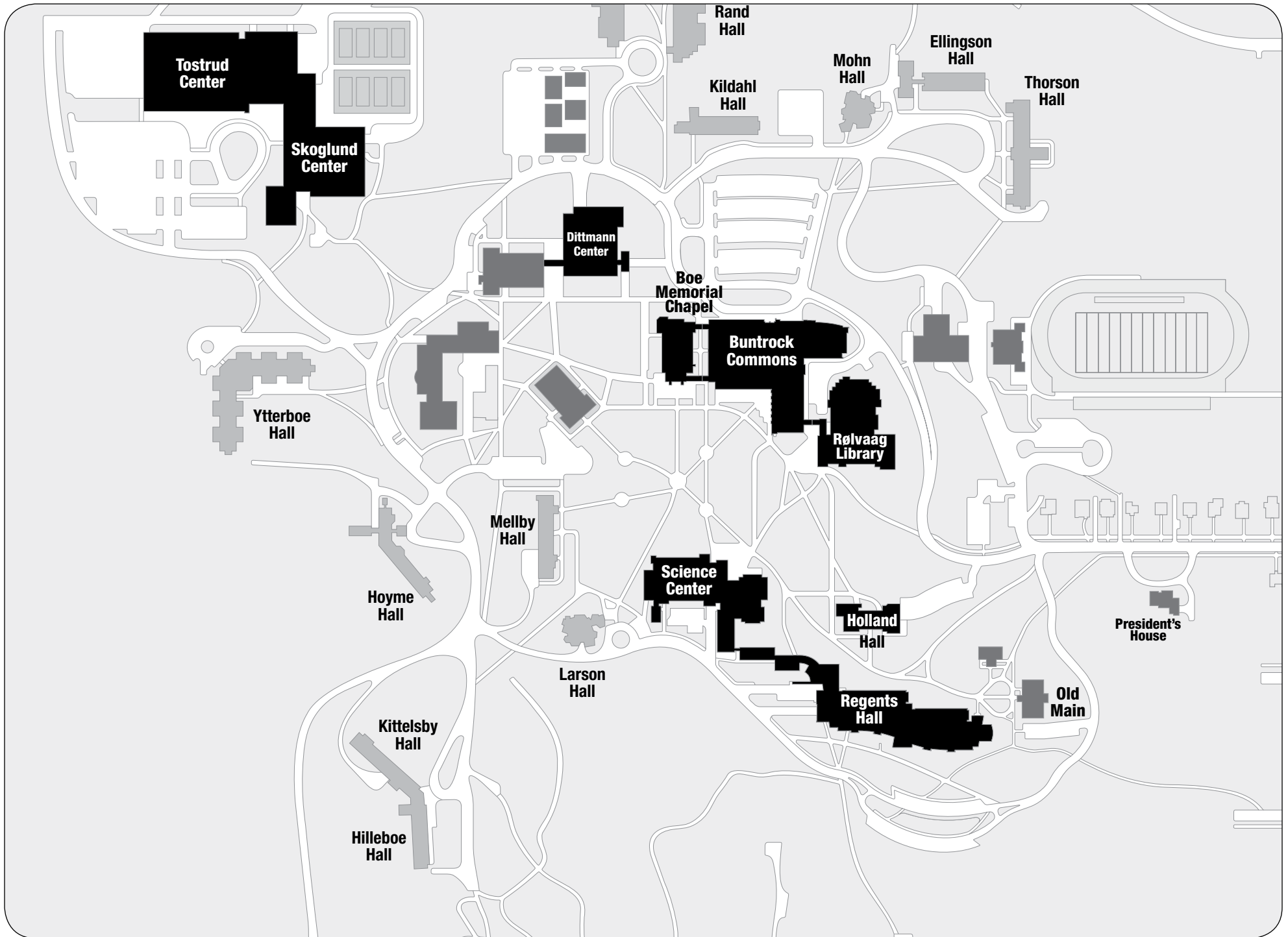
*Hope for a Heated Planet:  
How Americans are Fighting Global  
Warming and Building a Better Future*

Saturday, March 6, 11:30–12:30 p.m.  
John Francis

*Planetwalkwalker. 17 Years of Silence.  
22 years, of Walking.*

## NOBEL PEACE PRIZE FORUM 2010

Augsburg College will host the 22nd Annual Nobel Peace Prize Forum March 5–6, 2010. The forum will focus on the work of 2008 Nobel Peace Prize laureate Martti Ahtisaari in international conflict resolution.







## STRIVING FOR PEACE ON HORIZON'S BRIM

*by Mac Gimse*

God of art in life and creative laughter,  
of dancing arms and dazzling color fragments,  
twirl us onto heights of dreaming  
that our future is still ahead to hold.

God of spritely winds and vastly skies,  
from melting polarscapes to the drifting sands of time,  
reach across the endless shores of global warming,  
then stretch us into common earthly caring.

God of truth in every breath and heartbeat,  
molder of our righteous deeds,  
pour us into shields of justice to triumph  
over all who would be holier than Thou.

God of soaring spirits and redeeming actions,  
of grinding down and churning up,  
pound human malice into submission  
then nudge our good intentions to completion.

Cloud of God, in seamless gathering of sky,  
spin the bulging wheel of centering that will  
push us to the very edge of our horizons  
then hurl us to our farthest measure



*My hands create sculpture, which has no voice. My mind composes poetry  
to let the sculpture speak. They come together in my heart to create a passion  
for those humans who live in a mutilated world. The sculpture and poetry  
honor those who strive to keep us whole and healthy as a planet.*