

# HUMPHREY SCHOOL NEWS

HUMPHREY SCHOOL OF PUBLIC AFFAIRS

June 2012

UNIVERSITY OF MINNESOTA  
Driven to Discover<sup>SM</sup>

## The gender of science and technology policy

► **The differential in men's and women's participation in scientific and technical careers is well documented.** According to *Science and Engineering Indicators 2012*, published by the National Science Board, although women account for almost 53 percent of workers with PhDs in the social sciences and about 51 percent of those in the life sciences, the numbers are lower in the physical sciences (30 percent), mathematics and computer science (26 percent), and engineering (13 percent).

*Furthermore, at the highest levels, the number of women in science and technology decreases dramatically. For example, in the biological sciences, even though the proportion of PhDs held by women is 45 percent, only 15 percent of full professors in the field are female.*

Many studies have looked at women in the conduct of science, technology, and engineering research and development, but much less is known about the effect of gender on science and technology policy. New collaborative research by faculty and staff in the **Center on Women and Public Policy** and the **Center for Science, Technology, and Public Policy** is designed to shed light on the participation and influence of women in federal policymaking agencies.

"Our goal is to look beyond numeri-



cal representation of women in science and technology policymaking roles to better understand how the organizations in which they work affect their aspirations, perceptions, and opportunities, as well as how their presence changes the agencies and fields within which they are active," says **Kaye Husbands Fealing**, principal investigator (PI) for the three-year, \$420,000 National Science Foundation (NSF)-funded research, along with **Jennifer Kuzma** (co-PI) and **Debra Fitzpatrick** (co-PI) of the Humphrey School, and colleagues at the Georgia Institute of Technology and Boston University.

"In the conduct of science and technology, who asks the questions, what questions they ask, and how the system is set up matters," says Kuzma. "We want to know if the science and technology policy system would have the same research, regulatory, and technology development priorities if it were more diverse, including having more women in policy leadership positions."

The research is meant to address four specific questions:

## SCHOOL EVENTS

**June 19, 3 p.m. |** Cowles Auditorium  
*Health for All: A Look at Community Health and Prevention*

The **Center for the Study of Politics and Governance** will host the next in its series of health care reform forums on Tuesday, June 19, from 3 to 5 p.m. in Cowles Auditorium. *Health for All* will focus on community health and the challenge to improve the quality of health care while expanding access to medical care and lowering costs. The event will include two panel discussions, one focusing on implications for community health and the other on implications for individuals. The event is free and open to the public. Register at <http://healthforall.eventbrite.com/>.

**June 20, 1 p.m. |** Science Teaching and Student Services Building, 222 Pleasant St. S.E., Minneapolis  
*Technology and the Design of Personalized Learning: A Genius for Education*

The **Center for Science, Technology, and Public Policy** will sponsor an event on designs to promote learning on Wednesday, June 20, from 1 to 4:30 p.m. in Room 412 of the Science Teaching and Student Services Building. "Technology and the Design of Personalized Learning: A Genius for Education" will look at re-engineering the classroom to harness the power of digital technologies. For more information or to register for this event, please visit [www.hhh.umn.edu/centers/stpp/events/education\\_innovation.html](http://www.hhh.umn.edu/centers/stpp/events/education_innovation.html).

This event is part of the Education Innovation Series, which explores ideas for bringing innovation to education through collaboration, planning, and action.



# Humphrey School hosts first-ever global Master of Development Practice conference

► **This April, students seeking a Master of Development Practice (MDP) degree at the Humphrey School or one of its 21 partner institutions came together for the first-ever Global MDP Conference.**

*“For the first time, the global consortium of MDP universities felt real,” says **Peter Ehresmann**, who was part of the Humphrey School’s first MDP cohort, which entered in the fall semester of 2010. “There is no substitute for face-to-face interaction when beginning relationships.”*

The Humphrey School’s fledgling MDP program offers a unique, interdisciplinary blend of training in policy analysis and management, health, education, natural sciences, and social sciences. Students take classes across many academic units at the University, and graduates will have career choices in the governmental, nongovernmental, and private sectors.

“I feel our role as MDP’ers is to be

‘boundary spanners,’ as we learned in agroecology,” says Ehresmann. “We’re spanning the many disciplines involved with international development and bridging the diverse stakeholders involved in every global and local problem, culture, philosophy, and religion. How to do this effectively and confidently, yet with respect, is perhaps the greatest challenge. I believe that we are now well-prepared to face this challenge and continue learning how to do this better throughout our careers.”

The student-run and -organized conference included networking sessions; time to delve into curriculum, student experiences, and job opportunities; and roundtables on development featuring representatives from the American Refugee Committee, Compatible Technology International, Land O’Lakes, Inc. International Development, and the Center for Victims of Torture. Many students

called these sessions the most valuable of the conference because they offered a big-picture view of development work in the field.

Keynote speaker Anthony Gambino formerly served as mission director in the Democratic Republic of Congo for the U.S. Agency for International Development, beginning in 2001. He shared with the group his vast experience in directing more than \$100 million in humanitarian and economic assistance in the African nation.

On the final day of the conference, students took part in peer-to-peer presentations and discussions on social issues related to human rights and agricultural and economic development.

The next conference will be hosted by another partner institution in the MDP consortium, but the Humphrey School organizers consider the inaugural event a great success. As one participant said, “The conference was better than I could have imagined!” **H**

The Humphrey School of Public Affairs inspires, educates, and supports innovative leaders to advance the common good in a diverse world. The School pursues its mission by using its resources and those of the University to integrate:

- Preparation of students for leadership in public affairs;
- The bridging of disciplines across the University and larger community to advance public affairs scholarship; and
- Public engagement and scholarship to address important issues and to solve problems facing Minnesota, the nation, and the world in a non-partisan setting.

*The School offers five graduate degree programs and is home to several research/outreach centers and programs. While hospitable to a wide range of viewpoints, the Humphrey School does not take positions on issues. The University of Minnesota is an equal opportunity educator and employer.*

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# Pomp + circumstance

Some 210 students crossed the stage at Ted Mann Concert Hall on May 13 to become the newest alumni of the Humphrey School of Public Affairs. Here are excerpts from two of the speeches given at this year's commencement ceremony:

## Student speaker Brandon Wu, MPP

"We're graduating today from an institution named for a noted advocate for social justice and civil rights....As graduates of the Humphrey School of Public Affairs—with the training to analyze, create, and implement public policies that could affect millions of lives—we have a responsibility to live up to the best of Humphrey's legacy. It's even in the school's mission: we're meant to use the skills we learn to work toward the 'common good.'

"But here's the thing: different people have very different ideas of what the 'common good' looks like....I happen to think the 'common good' involves justice, equality, democracy, environmental stewardship, and respect for the full spectrum of human rights. These things all sound good. But when you try to translate them into policy, well, things start getting messy...

"During our education at the Humphrey School, we've rightfully focused on building bridges: being bipartisan, creating public-private partnerships, working across a wide spectrum of belief systems and worldviews. That's commendable and desperately needed. [But] if we truly believe in social justice, there are times when we have to take a stand. Speaking for myself, if at the end of my career in policy work I haven't ruffled any feathers, I won't be convinced that I've done the most I could to advance the cause of justice....

"Over the course of our time at this school, we've learned quantitative and qualitative skills about how to design good policies that balance equity and efficiency. We've learned how to analyze existing problems and weigh potential solutions. We've learned about cost-benefit analysis, program evaluation, problem structuring, regression analysis, and on and on. It's easy to get lost in all these skills and start believing that with enough 'objective,' focused thinking, we can design technically sound policies that fix even some of our most persistent social problems.

"That's part of it [but] policy is inherently political...policy is about more than numbers and charts; it's about people.

"It might be too much to expect that we can change the world dramatically as individuals. But collectively, we have that capability—to work for justice and to make Hubert Humphrey proud to have his name on the front of our school." ■

## Commencement address, Suzanne Nossel

► "[Human rights activists] *Chen Guangcheng [of China]. Wael Ghonim [of Egypt]. Jafar Panihi [of Iran].*

"What is it that these three have in common?

"Each rose up against some of the most powerful and dangerous forces in the world.

"But there's something else. All of them could have lived easier, more comfortable lives. Instead, they asked themselves: what's most important to me? What can I do to challenge the forces that would deny me and millions of others their rights?

"Each found the same answer. Resisting oppression in their own countries was so important that they were willing to risk prison, torture, and death.



ANN FLEMING (MPA) AND PAUL ERICKSON (MPA)



SERAP EMIR (MPP) AND CARLOS ECHEVERRIA ESTRADA (MPP)



ZACHARY CARLTON (MURP/MLA), EMILY CARR (MURP), AND AMANDA DIRNBERGER (MURP)



DAUD OSMAN (MPA) AND AWIL OMAR (MPA)



SHIQI WU (MURP), YIZHUO ZHAO (MDP), AND MONICA YANG (MDP)



## Nossel is executive director of Amnesty International USA

“And each changed human events. They became a human rights version of ‘shock and awe,’ riveting the world with what they could accomplish under the most challenging of circumstances. They forced everyone to recognize that even the most brutal constraints cannot shackle human will.

“Now, that question—what’s most important to me?—is not one that should occur to us only when we are under house arrest or emerging from a terrifying detention.... If people under such difficult circumstances can do such monumental things...can’t we all do at least small things that move the world forward?

“We can. You can....

“Ask yourself this: what would you do when faced with a pivotal moment? Would you find all the reasons not to take a chance to bend the arc of history? Or would you find the strength to resist? What separates you from the courageous people I’ve mentioned?

“The answer is nothing.

“Except you.

“Ask: what is your ‘irreducible essence?’ What’s most important to you?

“Because if what’s most important is helping move the world into the sunshine of human rights, you know that’s possible. You know you can join a long tradition. A tradition followed by a brave Chinese activist who escaped from a personal prison to put human rights back at the top of the U.S.–China agenda. By an online executive in Egypt who jump-started a stalled revolution. By a filmmaker who would not not make a film.

“And, within the lifetime of people here, by a young mayor who sat in classrooms on this campus, whose name appears on your diploma, whose spirit animates the school that bears his name, and who left a legacy for millions in the form of a more just world.

“My fifteen minutes are up—but your fifteen minutes are just beginning.” ■



### ALUMNA RECEIVES UNIVERSITY'S OUTSTANDING COMMUNITY SERVICE AWARD

*Haila Maze, pictured here with Senior Vice President Robert Jones and Andrew Furco, head of the University's Office of Public Engagement*

► **Haila Maze (MPlanning '98) has been selected as** one of the University's 2012 Outstanding Community Service Award recipients in recognition of her success as a community partner. As a long-range planner for the City of Minneapolis, Maze helps to develop a sustainable future for the neighborhood that includes the University of Minnesota's Twin Cities campus.

“The presence of the campus is a unique asset to the surrounding area, and vice versa,” Maze says. “A great future [for the neighborhood] would build on these advantages, extending the University's educational and research mission outward so that the surrounding area reflects the best practices of the variety of disciplines it houses. And, likewise, a thriving community would not only house and support the University, but also be a great advertisement to potential students, faculty members, and researchers.”

Over the past four years, Maze has worked with multiple partners on the Central Corridor LRT project, engaged with the Cedar Riverside/West Bank neighborhood, and developed a plan for the Stadium Village area with col-

laboration from local community leaders, the University, and Hennepin County. Her leadership has resulted in more complete and better integrated LRT stations, increased public infrastructure investments in the community, and increased interest in and support for future community development projects.

In her letter of nomination, University Director of Community Relations Jan Morlock praised Maze as a collaborative leader.

“It would be the path of least risk and resistance for Haila to avoid the inevitable *sturm und drang* by keeping as great a distance as possible from the University,” Morlock wrote. “The mode for decades had been a sort of ‘demilitarized zone’ around the campus edge, where it was considered too challenging for the city, University, and neighborhoods to plan together.”

But Maze is up to the task. “I’ve enjoyed the interesting and complex challenge of the interface between a large city and a large campus, with the variety of stakeholders, issues, and viewpoints that comes with the territory,” she says. ■

## PERSONAL + PROFESSIONAL NOTES

The Islamic Society of North America has awarded Master of Public Affairs student **Moxamuud Abdallah** with the HRH Prince Alwaleed Bin Talal ISNA Fellowship. The fellowship is designed to prepare Muslim graduate students to become effective and knowledgeable leaders of nonprofit organizations in North America and supports study of nonprofit management, fundraising, capacity development, and other relevant fields.

On April 25, professor and former dean **J. Brian Atwood** gave a speech on "The Vital Contribution of Transparency to Development Effectiveness" at the invitation of Development Initiatives, a UK-based nongovernmental organization that works to eliminate poverty worldwide. Atwood

stressed the importance of the international movement for transparency in development. "At its essence, this is about accountability," he said. "Obviously this means accountability to our own taxpayers and representatives. But I would venture to say, even more importantly, it is about supporting and enabling accountability in partner countries. We can only demand accountability, and we can only foster accountability, if we give our partners the basic means to manage their development resources so as to achieve the best results."

Senior Fellow **Harry C. Boyte** is the national coordinator for the American Commonwealth Project, an alliance of colleges,



HARRY C. BOYTE

and others dedicated to the work of building democracy colleges across all of higher education. Recent Master of Public Policy graduate **Amelia Cruver** has been selected for a 2012 Education Pioneers Graduate School Fellowship. Education Pioneers is a national nonprofit that places leaders in education organizations to improve the performance of these organizations. Cruver is one of 330 fellows selected through a competitive process.

Associate Professor **Jennifer Kuzma** recently appeared on a panel at the University of Panama on the possible release of genetically modified mosquitoes in several Panama City neighborhoods as part of a plan to fight dengue fever by eliminating another, disease-carrying species of mosquito from the environment. Based on her experience with regulatory frameworks in the United States, Kuzma thinks that decisions about new medical treatments, genetically modified organisms, and other high-stakes interventions are difficult because they are viewed through lenses of conflicting values, and key facts are unknown and, in the near term, unknowable. The panel discussion was featured in a recent issue of *The Panama News* at [www.thepanamanews.com/pn/v\\_18/issue\\_04/nature\\_special\\_01.html](http://www.thepanamanews.com/pn/v_18/issue_04/nature_special_01.html).

The Association of Collegiate Schools of Planning selected Assistant Professor

universities, schools, and others dedicated to the work of building democracy colleges across all of higher education.

Recent Master of Public Policy gradu-

**Kathryn Quick's** paper, "Distinguishing Participation and Inclusion," for the 2012 Chester Rapkin Best Paper Award. The paper will appear in the combined volumes 30 and 31 of the *Journal of Planning Education and Research*. Quick's research shows that high levels of public participation in planning decisions does not guarantee an inclusive process; rather the goal of realizing true inclusion is something that must be actively identified organizationally and woven into a planning process.

The Rotary Club of Minneapolis recently honored Humphrey School Advisory Council member **Steven Rothschild** with its Service Above Self Award. Rothschild held corporate leadership positions with General Mills before founding Twin Cities RISE!, an employment training program for under- and unemployed adults. He also founded ALTCARE, a joint venture between General Mills and the Wilder Foundation to stimulate innovation in elder care, and recently launched Invest in Outcomes, a nonprofit that will soon pilot Human Capital Performance Bonds as a financing vehicle to improve the efficacy of state human services spending. Senior Fellow **Art Rolnick** was the Rotary's 2011 recipient; Advisory Council member **Charles M. Denny, Jr.**, was recognized by the organization in 2010. ■



KATHRYN QUICK

**Gender of science and technology policy, continued from page 1**

- 1) Does the presence and proportion of women in science and technology policymaking roles vary by type of organization, discipline, and appointment structure?
- 2) To what extent—and under what circumstances—do women in science and technology policymaking positions change the agenda, moving it toward a wider range of issues or toward different styles of policy production?
- 3) How does the number and proportion of women in the agency or on the decision-making body affect the influence women actors have on outcomes and processes? Are the effects different in science and technology policy leadership from those observed in other organizations? If so, why?
- 4) How does the organizational context of agencies and boards affect women's leadership outcomes?

To investigate these issues, the research team will use techniques from sociology, political science, policy analy-

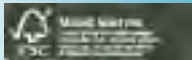
sis, and economics, says Husbands Fealing. "This truly is an interdisciplinary project with a multidisciplinary team."

The research will focus on federal policymaking and decision-making agencies, using available databases to quantify women's participation in policy leadership roles, as well as focus groups and semi-structured interviews to gain qualitative information. The study population will include women and men with authority for decision making.

Although the research is barely off the ground, team members already have ideas for how to extend its scope and build on its results, such as looking at policy leadership at the state level and in academic and nonprofit institutions.

"It's important to look at gender diversity in science and technology policy leadership," concludes Kuzma, "because leaders set priorities that affect research and development and, ultimately, society." ■

## POMP + CIRCUMSTANCE



## PAKISTAN ON THE BRINK



On May 7, the Humphrey School and the Minnesota International Center hosted renowned journalist Ahmed Rashid, who talked about his latest book, *Pakistan on the Brink: The Future of America, Pakistan, and Afghanistan*. Rashid, who lives in Lahore, Pakistan, has covered the region for three decades and has chronicled the rise of the Taliban and other Islamist extremist groups in the Middle East. In conversation with Vice President Walter F. Mondale, Rashid told a full house in Cowles Auditorium that his home country is at a “tipping point” in its relationship with the West.

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## SCHOOL EVENTS *continued from page 1*

**June 25, 4 p.m. | Cowles Auditorium**

*It's Even Worse than It Looks: A Conversation with Tom Mann and Norm Ornstein*

The Center for the Study of Politics and Governance will host congressional scholars Thomas Mann and Norm Ornstein on Monday, June 25, from 4 to 5:30 p.m. in Cowles Auditorium. In this conversation, based on their book, *It's Even Worse Than It Looks: How the American Constitutional System Collided With the New Politics of Extremism*, Mann and Ornstein will argue that the political system faces what the authors call “asymmetric polarization,” and until voters learn to act strategically to reward problem solving and punish obstruction, American democracy will remain in serious danger. This event is free and open to the public. A reception will follow the program.

**June 26, 7:30 a.m. | Minnesota Landscape Arboretum**

*2012 Nonprofit Leadership Conference*

The Public and Nonprofit Leadership Center, along with InCommons and the Minnesota Council of Nonprofits, will sponsor the 2012 Nonprofit Leadership Conference on Tuesday, June 26, from 7:30 a.m. to 5 p.m. at the Minnesota Landscape Arboretum. This conference is designed to share strategies about how nonprofit organizations excel at engaging people, improving systems, and strengthening communities. For more information or to register, please visit [www.minnesotanonprofits.org/events-training/leadership-conference](http://www.minnesotanonprofits.org/events-training/leadership-conference).

**June 28, 2 p.m. | Minneapolis Federal Reserve Bank**

*The Canada–U.S. “Beyond the Border” Initiative: What does it Mean for Minnesota?*

The Humphrey School, the Consulate General of Canada, the Minnesota Trade Office, and the Federal Reserve Bank of Minneapolis will convene a bilateral forum on Thursday, June 28, from 2 to 4:30 p.m. at the Minneapolis Federal Reserve Building. The forum will focus on action plans for perimeter security, economic competitiveness, and regulatory cooperation—initiatives announced by President Obama and Prime Minister Harper on December 7, 2011. Dean Eric Schwartz will participate in the conversation and talk about how these initiatives may impact Minnesota businesses and policymakers. A reception will follow the program. For more information, please visit <http://events.r20.constantcontact.com/register/event?llr=6k8h8veab&oeidk=a07e5z5ov4878a2fd93>.

**July 9, 8 a.m. | 3M Auditorium, Carlson School of Management**

*An Examination of the Supreme Court Ruling on the Affordable Care Act*

National experts will examine the Supreme Court's ruling on the Affordable Care Act and identify its implications for future health care reform. How will key stakeholders react? What are reasonable policy responses by policymakers in Washington and Minnesota? Will the Court's decision improve or harm efforts to expand access and control costs? This is the sixth forum in the series *Health Care Reform: How to Build on the Minnesota Model* sponsored by the Center for the Study of Politics and Governance and Blue Cross and Blue Shield of Minnesota. Register at <http://scotusandhealthreform.eventbrite.com>. 