



# WISE

## Women in Science and Engineering

Fall, 2006

The mission of the Women in Science and Engineering (WISE) Program is to expand and improve educational and professional opportunities for women in all fields of science, technology, engineering and math (STEM) by facilitating individual, institutional, and social change.



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### Note from the Director

It is with great pleasure that I welcome you to this academic year. WISE has experienced many changes over the past few months, none as impactful as the retirement of our dear friend and colleague, Dr. Betsy Riesz. Betsy joined the WISE family shortly after the programs inception in August of 1994 and single-handedly developed, initiated, coordinated, and evaluated the Student-to-Student Support in Science (SSSS) peer mentoring program which continues to underscore the importance of mentoring by documenting graduation rates for women taking part in SSSS as first-year students at approximately twice the national average. Her wisdom, courage, and steadfast dedication to the young women she served will be sorely missed.

Betsy leaves a legacy that includes sending over 2,000 young women on to further study in science, technology, engineering, and math (STEM) disciplines and/or into the STEM workforce, after their undergraduate years at the University of Iowa. Even more impressive to me is that she also raised all of the money needed to support not only the mentoring program but her salary as well. Betsy truly walked the walk. Recognizing and talking about the importance of mentoring and being willing to put in the time, effort and resources to DO mentoring, often at personal expense, are two very different things. Unfortunately, we have seen much more emphasis on the former at our institution during the last few years, than we have on the latter. Funding for the undergraduate peer mentoring program remains precarious and the program is offered on a year to year basis. Let's hope we find others at the University of Iowa who will commit to walking the mentoring walk to ensure the sustainability of a program that has benefited so many individuals, academic units, and colleges on our own campus as well as benefiting the state, the nation, and the world.

Please make a point of visiting page 4 of WISE News to acknowledge the corporations that have been strong WISE partners over the years. Without their support, WISE would not have been able to assist in the development of such a strong, confident and competent cadre of young STEM professionals. We look forward to continuing our joint advocacy.

While Betsy leaves some pretty big shoes to fill, I feel very confident that our new Assistant Director of Undergraduate Programs, Andrea Beloy (see bio on page 4), will make her mark as well. Young and passionate, Andrea comes to WISE armed with undergraduate degrees in computer science and math from the Minnesota State University, Mankato, experience working as an auditor for 3M, and a new Master's Degree in College Student Services Administration from Oregon State University. While at OSU Andrea worked with their Women and Minorities in Engineering Program, preparing her for many of the duties that are part of her new position at WISE.

Andrea is excited to become part of the wonderful and supportive network of students, staff, faculty and administrators on this campus who work with programs that provide academic and social support to students in general, and underrepresented students in particular. If you have a minute, please drop Andrea a line ([andrea-beloy@uiowa.edu](mailto:andrea-beloy@uiowa.edu)), call her (335-3509), or stop by her office (413 Gilmore Hall) to say hello and to explore opportunities to collaborate. Welcome Andrea and welcome to a new year full of possibilities for all of us!

—Chris

## A THANK YOU NOTE from Betsy Riesz (retired June 30th, 2006)

Eleven years coordinating the WISE Undergraduate Mentoring Program have given me many intriguing challenges and much joy. Our WISE women are a constant source of inspiration! Thank you to:

- Mentors who selflessly provide their mentees with specific strategies for academic success, introduce them to opportunities for becoming involved in campus activities and share their own struggles and successes. The mentors aid the mentees to grow in confidence in their abilities to succeed. Of the 100 mentors for 2006-2007, 35% will be serving for the second or third year;
- Mentees who develop determination and commitment, who discover new goals and new interests, and make important choices. Of the 100 applications from students offering to be mentors in 2006-2007, 55% were once mentees;
- Mentors and Mentees for generously volunteering their time to make a significant impact on services available in the university and wider community;
- WISE Office Assistants whose attention to detail in tracking student participation, summarizing evaluations, sending mailings and assisting in workshops, all with patience and good humor, enabled the program to expand from year to year. Recent assistants have been: Megan Mulvey, Tracie Cook, and Nora Wilson. The 2006-2007 assistant, Kelsey Montross, is already thoroughly immersed in office procedures;
- Corporate Sponsors, see page 4, who have ensured the program's survival from year to year and have provided exceptional professional women to participate in workshops and seminars;
- University of Iowa Foundation staff who link WISE with our corporate sponsors;
- the WISE Advisory Board, which has consistently endorsed the goals of the mentoring program;
- current and past WISE secretaries, who monitor budgets and carry out administrative procedures; Ruth Kenton is our office "anchor";
- individuals from many offices and departments on campus who assist with mentor and mentee recruitment and with programs; and
- our WISE Director, Chris Brus, whose sustained vision, passion and leadership guarantee that WISE serves many constituencies within and beyond The University of Iowa and who has been a source of personal encouragement and support.

Most importantly, I treasure the women I have come to know through the activities of the WISE Peer Mentoring program.



I've come to believe that each of us has a personal calling that's as unique as a fingerprint - and that the best way to succeed is to discover what you love and then find a way to offer it to others in the form of service, working hard, and also allowing the energy of the universe to lead you.

-- Oprah Winfrey (1954 - ), O Magazine, September 2002



Girls are more successful in math and science programs that incorporate a cooperative, hands-on approach than in programs that stress competition and individual learning. (National Council for Research on Women, Balancing the Equation: Where are Women & Girls in Science, Engineering & Technology? 2001)

## IDA BEAM VISITING SCHOLAR - DIANE F. HALPERN, Ph.D.

WISE had the distinct pleasure of bringing Dr. Diane Halpern, Professor of Psychology and Director of the Berger Institute for Work, Family, and Children at Claremont McKenna College, to the UI as an Ida Beam Visiting Scholar last April. During her four day visit, Dr. Halpern gave numerous seminars and workshops to the UI community on a variety of topics for which her teaching and research are widely praised, such as critical thinking, sex differences in cognitive abilities, and most recently, work-life balance.

Dr. Halpern's visit was sponsored by the Women in Science and Engineering (WISE) program in conjunction with the Ida Beam Visiting Scholars program, with co-sponsorship from:

Carver College of Medicine, Department of Psychology, Intercollegiate Athletics, Graduate Program in Neuroscience, College of Public Health, College of Engineering, Department of Psychological & Quantitative Foundations, Department of Physics and Astronomy, University Libraries, Council on the Status of Women, Belin-Blank Center for Gifted Education, Department of Women's Studies, Undergraduate Program Office, Tippie College of Business

### CLAREMONT- MCKENNA COLLEGE - news release

Professor Diane Halpern Honored by University of Iowa

Diane Halpern, professor of psychology and director of the Berger Institute for Work, Family and Children, received the University of Iowa's spring 2006 Ida Cordelia Beam Distinguished Visiting Professor Award, established by the University of Iowa in 1977 to fund visiting professorships among eminent scholars and scientists for lectures at the University.

Halpern, past president of the American Psychological Association, served as a visiting professor at the University of Iowa for several days in April. Halpern's nomination, initiated by the University of Iowa's Women in Science and Engineering

Program (WISE), resulted in 13 colleges and collegiate departments and units joining the University's call for her sponsorship.

Halpern's book, *Sex Differences in Cognitive Abilities* (Third Edition), is used on the University's campus as baseline reading for some undergraduate classes wrestling with the nature-nurture debate. "The most inspiring aspect of Dr. Halpern's work," noted WISE director Chris

Peterson Brus, "is her ability to take what she has learned through research and scholarship and apply it to practical, real-world problems."

Referencing recent comments by Harvard President Lawrence Summers about female competencies in science and math, Brus described Halpern's visit as a timely "light in the midst of the whirlwind" over the nature-nurture debate. "She has been

looking at the basis for this debate for many years," Brus says, "and is widely published in this area of psychology."

Halpern was one of several guests featured on NPR's *Talk of the Nation: Science Friday*, last December, commenting on Gender Difference in Learning. Last spring, she was part of

a panel discussion on *Women in Science: Are They Being Held Back?* at the Cooper Union in New York. The discussion featured leaders in the scientific community and major researchers who investigate the physiological and psychological factors that influence intellectual performance.

Brus also said that Halpern's wide appeal, as evidenced by a diverse group of co-sponsors for her visiting professorship at the University, is "exactly what we need to draw

students, staff, and faculty from across our institution, into a discussion about issues facing all of us, both personally and institutionally."

Her expertise in subjects that cross disciplinary lines, Brus said, would make her visit to campus especially appealing to undergraduates still deciding on a major or an emphasis within their major.



Dr. Gregg Oden, Professor and Chair of Psychology; Dr. Lee Anna Clark, Professor of Psychology; with Dr. Diane Halpern, Visiting Lecturer.

#### Letter from Dr. Halpern (Excerpted):

Dear Chris:

*I enjoyed my visit to your beautiful campus. I learned a great deal and was impressed by all that you do. I have been reading the book that you gave me\* - I am just about finished. It is inspirational. I also wear my WISE t-shirt with great pride.*

*With warmest regards,  
Diane*

\* Every Other Thursday: Stories and strategies from Successful Women Scientists by Ellen Daniell, Yale University Press

# STUDENT TO STUDENT SUPPORT IN SCIENCE (SSSS) WISE UNDERGRADUATE PEER MENTORING PROGRAM

## Dean's List WISE Mentees Spring 2006

Kristin Brandt  
CaBrie Claiser  
Courtney Creary  
Ashley Croghan  
Lauren Demas  
Caitlin Eckdhal  
Amanda Emrick  
Kimberly Greene  
Megan Holthaus  
Emily Klatt  
Tracie Lynn Machetti  
Lauren Matzdorf  
Renee Meyer  
Stephanie Nielsen  
Ashley Novak  
Kimberly Schmit  
Kristine Serrano  
Rosalind Smith  
Danielle Sturgeon  
Alison Truax  
Ashlynn Whetstone  
Allyscia Woodward  
Christina Zuccaro  
Ashley Lundquist  
Nicole Mehls  
Alexandra Nielsen  
Stephanie Perkins

## CONGRATULATIONS

If any student has been overlooked, please contact [wise@uiowa.edu](mailto:wise@uiowa.edu)

## STUDENT TO STUDENT SUPPORT IN SCIENCE (SSSS)

An Undergraduate Peer Mentoring Program Supported by:  
Accenture; Alcoa Inc.; Alliant Energy Foundation;  
The Caterpillar Foundation; John Deere Foundation;  
Fisher Controls Intl, Inc.; Maytag Corporation Foundation;  
Pioneer Hi-Bred International, Inc.; and Rockwell Collins

The purpose of the WISE peer mentoring program is to provide academic and social support for first year women students majoring in science, technology, engineering, or mathematics (STEM) fields to increase their retention through higher education and into the workforce.

The SSSS mentoring program utilizes workshops and small group meetings to assist first-year students in accessing information and campus support services. Under the guidance of their mentors, usually juniors or seniors in the same majors, entering students learn about campus and community organizations, develop useful networks based on academic and social interests, and are exposed to students from across the spectrum of science, technology, engineering and math (STEM) disciplines. Most importantly, the mentors share their experiences in adjusting to and being part of a large university, as well as starting a challenging major. Annually, the program serves approximately 100 mentors and 100 mentees.

This year's activities start with the Mentor Orientation on August 23rd; followed by the All Participant Orientation Suppers on August 29th and 30th; the first Team Meeting in September, including a campus and town scavenger hunt; and two workshops - Many Opportunities, Many Choices: Individualizing Your Life Style offered by Health Iowa and Finding Research, Internships, Study Abroad and Volunteer Opportunities featuring a panels of our WISE Mentors.

### Did you know?

Jobs requiring math and science skills will increase  
by 5.6 million by 2008 (Before It's Too Late: A Report to the  
Nation from the National Commission on Mathematics and  
Science Teaching for the 21st Century, 2000).



### Survey of Former WISE Mentors

Under the extremely capable direction of Dr. Betsy Riesz, WISE now has information about the academic and career trajectory of 312 former WISE Mentors!

STAY TUNED...

Results will be revealed in the next WISE News.



## Meet our new Assistant Director of Undergraduate Programs

### Andrea Beloy

I am brand new to the University of Iowa... as of late July. I spent the last two years at Oregon State University earning my Master's of Education in College Student Services Administration, where I worked with Career Services, The Academic Success Center, and the Women & Minorities in Engineering program. Prior to that I earned my BS degree in Computer Science from Minnesota State University, Mankato, and worked for 3 years as an IT Auditor at 3M Company in St. Paul, MN. While it was fun being a 'professional hacker' living the corporate life, I am very excited to be starting my new career with the WISE Program and the University of Iowa. I sure lucked out to find such a great place! I am always looking for new things to do and learn - I'd love to hear your input on what I can explore in the local area!

## Go Hawkeyes!



## 12th Year of WISE Peer Mentoring Program Begins

The twelfth year of the WISE Peer Mentoring Program (Student to Student Support in Science) is well underway, with the 180 participants already having attended an orientation dinner and completed the first team meeting.

Ninety first-year STEM (science, technology, engineering, and math) students are matched one-on-one with ninety students returning for their second through fifth year of school. On August 29th and 30th, two orientation dinners were held in the IMU Richey Ballroom, at which the women were able to meet each other, learn about the program, and start making connections. During the first week of September the teams paired up and completed their first team meeting, for which most students chose to do a scavenger hunt around campus and Iowa City.

Next in store for the mentors and mentees is a workshop titled, Many Opportunities, Many Choices: Individualizing Your Life Style, presented by Health Iowa. The event takes place on September 26 and 28 in the Pappajohn Business Building. Throughout the year the participants will have the opportunity to attend 4 workshops, 4 scheduled team meetings, and various informal activities. For more information on the WISE Peer Mentoring Program, please contact Andrea Beloy (andrea-beloy@uiowa.edu).

### TRACKING PROGRESS OF SSSS MENTEES

Each spring, the WISE office contacts former mentees to inquire about their majors. This tracking process reveals the proportion of mentees that continue in a science or engineering major. The mentoring program serves mentees during their first year at UI.

Overall results showed that at the end of their sophomore year, 77% of the engineering SSSS mentees remained in engineering and 65% of the SSSS science mentees remained in science.

#### 2004-2005 Former Mentees' Majors as Sophomores in Spring 2006

	Engineering Students	Science Students
Remained in same major	77%	53%
Switched within engineering	0%	N/A
Switched to (another) science	4%	22%
Switched out of engineering/science	12%	12%
Switched to engineering	N/A	0%
Left UI	7%	13%



#### Meet Kelsey Montross

My name is Kelsey Montross, I am the WISE Assistant for the Mentoring Program. I am a computer science major here at the UI. I live in Blainstown, I have a wonderful husband, Derek, and two beautiful little girls, Madison, who is almost 6 and Cassidy, who just turned 1.

#### Quotes from current Mentors and Mentees:

"The scavenger hunt was not only a good campus orientation, but just the walk itself is really nice too-- a good laid-back setting to chat and get to know each other."

"I want this to be a great learning experience. I hope to get to know Iowa City and the College much better through this. Also, I hope to make new and lasting friendships and accomplish many goals I've set for myself."

"I hope to get more confidence and knowledge about college/academic life."

"I hope to make my mentee's life a little easier and I hope to be there for her if she needs any help. And as for myself, I hope to make connections and friendships that last even in the future."

"I hope to have an influence on my mentee by helping her out in any way, to meet new friends, and learn new things for myself."



# WISE

## Learning Community

### WISE Learning Community

The new academic year will start with a bang for the 85 first and second-year women on the WISE Learning Community in Stanley Residence Hall! The annual Welcome Picnic and Scavenger Hunt will be held on Sunday, August 27th, followed by a Sunday Night Supper at Buffalo Wild Wings on Sunday, September 10th. Don't forget there will also be tutors in the hall lounge for academic support three nights a week, the K-12 Outreach project for first-year students and the opportunity to sign up for a job shadowing experience.

We welcome two new WISE RA's to the Learning Community this year: Sara Estrin, a sophomore Civil Engineering major, and Julie Brasefield, a Junior majoring in Cognitive Psychology. We are also thrilled to have Shameika Wilmington continue with the WISE Program as the Learning Community Liaison for this year, following in the able footsteps of Andrea Rogers, who graduated with a B.S. in Civil Engineering last May. Shameika, a senior majoring in Biochemistry, served as an RA for the WISE Learning Community for the past two years and is a fantastic resource for our new RA's.



#### The WISE Learning Community seeks to:

- Create a healthy and supportive community of learners and friends
- Provide appropriate and time-sensitive academic support
- Provide ongoing social support for increased team-building and networking
- Provide opportunities for leadership development

#### Secondarily, by creating a strong, supportive community early in the student's academic life, we strive to:

- Improve the retention of women in STEM disciplines
- Create long-term personal and professional relationships between students
- Enrich the academic experience of each student
- Create an ongoing relationship between our students and the UI WISE Program

#### Meet Shameika Wilmington

I will be a senior, studying Biochemistry. I was the WISE RA for 2 years and I loved it very much and this year I will be the WISE Liaison. I have been doing research in the Medical Educational Research Facility for 3 years trying to understand Nuclear Envelope Proteins and their role in Human Disease. I have been playing the piano since I was 5 years old, and I am the oldest of three girls. And now I am spending the Summer in Virginia doing cancer-related research.



#### Meet Sara Estrin

I am going to be a junior pre-med student and my major is a culmination of different studies - it's called Literature, Science & the Arts. I took a year off from school after my freshman year and then decided to go in a science direction...I want to do reconstructive surgery.

I am from Fairfield, IA. I went to the Rainbow Gathering this summer for an out-of-school experience. I am currently working in Graphic Design in Fairfield.



#### Meet Julie Brasefield

I am a Junior and currently an Applied Physics and Pre-Dental major. I am from Texas, but have family in Iowa.



...Oh the fun you can have on the WISE Learning Community!



## WISE TUTORING SESSIONS

### Kristin Brandt

All Math (especially engineering)  
EPS I (engineering problem solving)  
Chemistry (through Organic)

### Emily Klatt

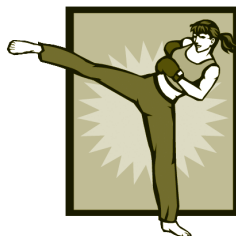
Chemistry (4:007 + 4:011)  
Math (Pre-calc + Calc for the Biosciences)  
Principles of Biology

**WHEN: Sunday 5-7 pm and Wednesday 8-10 pm**

**WHERE: 3rd Floor Stanley Lounge**



**Kicking frustration  
with some quality  
help!**



## Congratulations!!!

Katie Bunce, three-year veteran RA for the WISE Learning Community and Spring 2006 graduate, was honored as the WISE Student Leadership Awardee at the Multicultural Graduation & Recognition Banquet this past May. Katie is attending medical school in Illinois this fall.



Another addition to the WISE Community for this academic year is **Lisa Jones-Hall**. Lisa is in her final year of Law School with a focus on worker's compensation law. Her background includes time in the U.S. Marine's and as a St. Louis Police Officer where she worked as a detective in the domestic violence unit (yes, I think she understands the pressure of being a woman in a male-dominated field!). Lisa also served as a facilitator for labor teams working in the St. Louis public school system and last summer she served as a counselor in the Hubbard Program for minority undergrad students at the UI.

Lisa will be working with Chris and the WISE Advisory Board on a Minority Recruitment Plan to add to the WISE Strategic Plan, as well as developing new K-12 education and outreach initiatives.

## WISE Ambassadors – Underway for 2006-2007!

On Sunday, Sept 17, the WISE Ambassadors held their first meeting of the academic year. Fifteen women attended, representing many of the science, engineering, and healthcare disciplines and both graduate and undergraduate populations. Dinner was catered by Jimmy Jack's Rib Shack.

The Ambassadors are a team of both undergraduate and graduate students in science, technology, engineering, and math (STEM) fields who organize and participate in outreach, leadership, and career development experiences. The program is run and kept alive by the enthusiasm and ideas of the Ambassadors, and the WISE office aids their efforts by providing an annual budget, resources, and support. The WISE Ambassadors program is open to all students, and new participants are always welcome.

Currently the Ambassadors have discussed providing outreach to local schools, including presenting various science/engineering topics to classrooms. Other possibilities include organizing tours of companies for women in STEM at UI, providing tutoring to kids in the UI area, and organizing a friendly science trivia competition for local schools.

The Assistant Director of WISE Undergraduate Programs (Andrea Beloy) and the WISE K-12 Outreach Coordinator (Lisa Jones Hall) facilitated the first meeting and serve as the primary contacts for the Ambassadors. Please contact Andrea (andrea-beloy@uiowa.edu, 335-3509) to learn more about the program or to join.

The next Ambassadors meeting is scheduled for Sunday, October 8, at 6:00 pm in the Seamans Center, room 3210.

# Grad/Post-Doc News

**ePortfolio, the best kept secret is a HUGE hit with all who learn about it.**

During the 2005 academic year, WISE worked with the College of Education to offer a series of new developmental workshops on ePortfolios™ for Doctoral Candidates and Postdoctoral Fellows in science, technology, engineering, and math (STEM) fields. ePortfolios™ provide a technology-based system for collecting, organizing and sharing academic credentials and accomplishments with peers, faculty or potential employers on the web.



Wise Director, Chris Brus and WISE Graduate Research Assistant, Sara Hill, adapted the electronic templates and training manuals for the award-winning ePortfolio™ to meet the needs of WISE and tailored to STEM disciplines. Using the methodology developed by John Achrazoglou and Rebecca Anthony from the UI College of Education, WISE members were given hands-on training using digital tools to produce and upload artifacts. Rich documentation of performance, pedagogy and practice was underscored by the breadth of artifacts selected for inclusion in ePortfolios™. WISE members were coached on using their ePortfolios™ as assessment, job seeking, or career enhancement tools. WISE women from many fields participated including chemistry, pharmacology, neuroscience, molecular biology, mechanical and industrial engineering, biomedical engineering, computer science, and public health.

*Customized template developed  
by WISE to the right.*

A big thank you to  
WISE Board members  
John Achrazoglou,  
Deborah Dawson,  
Gerene Denning  
Doty Simpson-Taylor,  
and WISE Director Chris Brus  
for co-facilitating workshops this year  
along with the expert assistance of UI  
faculty and staff members Rebecca  
Anthony,  
Carolyn Colvin, and  
Sarah Coggins Mosher.  
\*\*\*\*\*



## Professional ePortfolio™

Academic  
Credentials

Scholarly  
Research

Technical  
Proficiencies

Related  
Experience

Teaching  
Theory &  
Practice

Leadership  
& Service

### Ima Sample Doctoral Candidate in Pharmacology

This ePortfolio illustrates my research activities, technical proficiencies, teaching experiences and service background under the mentorship of Dr. Ken Duitt. The evidence and artifacts included in this ePortfolio provide authentic evidence of my scholarly work and highlights academic strengths and achievement.

#### Review My Quick Links

Curriculum  
Vitae

Research  
Statement

Research  
Interests

Dissertation  
Abstract

Publications &  
Presentations

Teaching  
Philosophy

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## WISE Grad/Postdoc Professional Development Workshops

After a fantastic pilot year (2005-06) under the direction of our very capable and recently graduated GRA Sara Hill, we are excited to offer this series of professional development workshops for postcomp Ph.D. and Postdoc women in STEM again this year. Our current slate of workshops includes:

*Developing a Research Statement and Teaching Philosophy in the Sciences and Engineering*  
*Negotiating Your First Tenure-Track Faculty Position in the Sciences and Engineering*  
*Collegiality and/or the Fine Art of Schmoozing*  
*Preparing an ePortfolio in the Sciences and Engineering*  
*Effectively Responding to Reviewer Comments*

This year's program will be coordinated by a new WISE GRA, Tess Shier Barker. Tess is coming to the UI to enter Law School after serving as the Director of the James E. Scott National Academy for Leadership & Executive Effectiveness with the National Association of Student Personnel Administrators (NASPA) in Washington, D.C. for the past three years. Her primary responsibilities in that position were coordinating professional development programs for senior-level university administrators and managing the programming for the Center for Women and administering the Minority Undergraduate Fellows Program.

### WELCOME TESS!

For more information about this program, please contact Tess Shier Barker at 353-2290 or email Chris Brus at (christine-brus@uiowa.edu)



# Grad/Post-Doc News

## Dr. Eunice Beam WISE Travel Grant Program

The Eunice Beam WISE Travel Grant committee awards funds to graduate students for the purpose of presenting their work at meetings, symposia, conferences, or other professional or academic gatherings.

The fall submission deadline is October 15, 2006. For application protocol and form, go to <http://www.uiowa.edu/~wise>.

### Eligibility Requirements:

To be eligible for a WISE Travel Grant the applicant must:

- \* be a graduate student at the University of Iowa
- \* have not received a WISE Travel Grant during the previous fiscal year (July 1-June 30)
- \* follow the application deadlines in order to be considered for the corresponding review period.
- \* be making an oral presentation at a local, regional, or international conference.
- \* be making or have made the presentation within the academic year the grant is applied for.

## Chris Golde visits Campus

As part of the WISE Postdoc Initiative and in conjunction with our Professional Development Workshop series, WISE, with support from the Graduate College, brought Dr. Chris Golde, Senior Scholar at the Carnegie Foundation for the Advancement of Teaching, to campus. Chris Golde currently works on the Carnegie Initiative on the Doctorate, was a scientist on the faculty of the University of Wisconsin-Madison, and served as the principal investigator of the National Survey



on Doctoral Education and Career Preparation, funded by The Pew Charitable Trusts. Dr. Golde held a session on factors associated with attrition in doctoral programs for the UI Directors of Graduate Studies (DGS) and facilitated a special workshop for WISE entitled, Negotiating Tenure-Track Faculty Positions in the Sciences and Engineering. The workshop, held at the IMU on February 23rd, was very well attended, included lively discussion, and can be seen on UITYV at regular intervals.

## WISE Postdoc Initiative

Last year WISE decided to look at Postdoc issues at the UI. As a first step we joined the National Postdoc Association (NPA), which provided us with access to a wealth of information about best practices from across the country. We then proceeded to hold a series of informal lunches with UI Postdocs, coordinated by then-WISE GRA Bethany Lewis, to gather information about their perceptions of the Postdoc experience at Iowa. Information was summarized and shared with John Keller, Dean of the Graduate College, who was very supportive of this initiative. Chris Brus, WISE Director was then invited to be a participant at the Sigma Xi-NPA Forum, Professionalizing the Postdoctoral Experiences: Next Steps, in January, 2006 in Research Triangle Park, North Carolina. Chris served as a reporter for the session entitled, "Entrances and Exits: Orientation, letters of appointment, exit interviews, certificates of completion", with Alyson Reed, Executive Director of the NPA; delivered a PowerPoint presentation of their findings to the Forum and co-wrote the session report Making the Case to Administrators for Establishing a Postdoc Office or for Implementing Postdoc Entry-Exit Programming, which will be published in the full report from the Forum.

We are delighted to report that the WISE Postdoc Initiative and the information we collected as part of that initiative, served as a catalyst for the integration of Postdoc issues under the newly-appointed Associate Dean for Recruitment and Professional Development in the Graduate College, Minnetta Gardinier, former WISE Advisory Board member (2004-2006).

## Spring 2006 Recipients are:

- \*K. Lindsay Eaves-Johnson, Biological/Physical Anthropology, Ph.D., College of Liberal Arts and Sciences
- \*Mikyoung Lee, Nursing Administration and Informatics, Ph.D., College of Nursing
- \*Yun Liu, Electrical and Computer Engineering, Ph.D., College of Engineering
- \* Huijuan Meng, Psychological and Quantitative Foundations, Ph.D., College of Education

For further information about WISE, contact the WISE office at (319) 355-3530 or [wise@uiowa.edu](mailto:wise@uiowa.edu).



# First Annual WISE Graduation Reception

This year, the WISE Awards Committee hosted the First Annual WISE Graduation Reception to recognize all the wonderful women who volunteer their time to make WISE great, and who are now graduating and moving on to wonderful new opportunities. Women who volunteered to mentor other students, take leadership roles in the WISE learning community, and/or help keep WISE programs and office tasks running smoothly were invited to bring their friends and families to the reception and receive their awards. Everyone who attended had a great time enjoying the yummy desserts and chatting about their exciting future plans. WISE director Chris Brus thanked everyone for being so generous with their time and contributing so much to WISE's mission to support women in science and engineering at Iowa. Most of all, she made everyone promise to keep in touch so we can hear about all the future successes that we know await this fantastic group of women! We wish to express our thanks and send out a huge congratulations to all the graduates who have been involved in WISE during their time at Iowa. You are WISE!



Above from left to right, Padmini Srinivasan, Mary Campbell, Linda Boyle WISE Board Members and in the back Ruth Kenton, WISE Secretary.



Pictured from left to right is the Graduate Reception. Board Members who participated in the event; Betsy Riesz talking with attendees; Board Member Linda Boyle talking with attendees.

## Coming SOON!

The WISE Resource Library is going ON-LINE and SEARCHABLE! Starting this fall, you will be able to search the WISE Resource Library and discover over 600 books, reports, periodicals, CDs and DVDs that are available for your use as a UI Student, staff or faculty member. Materials are also available to K-12 educators for use in their classrooms or as developmental resources. Items may be checked out for personal as well as professional use.

Over 70% of the materials found in the WISE Resource Library ARE NOT AVAILABLE in any other UI Library, so if you are looking for information about topics such as mentoring, two-career couples, gender-equitable curricula, the digital divide and chilly climate, as well as books about women scientists and engineers, Nobel prize winners, career exploration, etc. visit us at: [www.uiowa.edu/~wise](http://www.uiowa.edu/~wise) and click on the link to the WISE Resource Library.

A very big thank you to Joan Nashelsky, M.L.S., for cataloguing all of the WISE resources and to Shelly Sarin (computer guru for the Graduate College) for developing the great on-line interface!

## Iowa Women's Hall of Fame 2006

Four remarkable women were recognized for their significant contributions by being inducted into the Iowa Women's Hall of Fame on Saturday, August 26 at the State Historical Building in Des Moines. The event was held in conjunction with Women's Equality Day, also August 26, which commemorates the day in 1920 when American women won the right to vote.

The Iowa Women's Hall of Fame is sponsored by the Iowa Commission on the Status of Women (ICSW). Lieutenant Governor Sally J. Pederson and ICSW Chair Holly Sagar presented awards to Jeannette Eyerly, Christine H. B. Grant, Dorothy Marion Boul-eris Paul. A posthumous award acknowledged Margaret Wragg Sloss.

Also at the ceremony, the ICSW presented Jane Jones Turner Burleson with the Cristine Wilson Medal for Equality and Jus-tice. This medal is awarded periodically to an Iowan whose life exemplifies the work of Cristine Wilson, who was the first chair of the ICSW and who spent her life working toward equality and justice.

This year marked the 32nd Iowa Women's Hall of Fame induc-tion ceremony. Biographies of all 128 inductees can be read on-line on the Iowa Women's Hall of Fame page of [www.state.ia.us/dhr/sw/](http://www.state.ia.us/dhr/sw/).

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Meet Rita Shapiro:

My name is Margarita or Rita Shapiro, and I am a biochemistry major at the UI. I also love languages, and other than English, I am learning French, and can speak Russian.

**Jeannette Eyerly**, an Iowan for more than 90 years, is an award-winning author of books for children and teens and an advocate for mental health. Her work in the public policy arena for treatment of mental illness in Iowa changed the face of how services are delivered and the stigma attached to mental illness. She graduated from the University of Iowa in 1930 with a bachelor's degree in English.

**Christine H. B. Grant**, associate professor of sports adminis-tration and former women's athletic director at the Univer-sity of Iowa is a nationally known advocate for gender equity in intercollegiate athletics. Her recognition of disparities in the resources allotted to women's and men's athletics led her to become a champion of Title IX of the Education Amendments of 1972. She was a founding member of the Association for Intercollegiate Ath-letics for Women and later served as its President. Although she officially retired as athletic director from the University of Iowa in 2000, she continued to teach in the graduate program in the Department of Health and Sport Studies until May 2006. Her work as an advocate for gender equity in col-lege and high school athletics continues.

**Dorothy Marion Boul-eris Paul**, is a world citizen who em-phasizes her connections with the world's people by provid-ing leadership in organizations dedicated to human rights and world peace. A true internationalist, Paul was executive director of the Iowa Division of the United Nations Associa-tion of the United States (UNA-USA) from 1979 to 1996. She then served as executive director for programs from 1996 to 2000. Since 2000, she has worked with the University of Iowa Center for Human Rights as executive director and most recently as the associate director for community af-fairs.

**Margaret Wragg Sloss** was a pioneer in nontraditional ca-reers for women. An incredible leader for women in science, particularly veterinary science, she earned a bachelor's degree in zoology from Iowa State College in 1923, and a master's degree in microscopic anatomy in 1932. In 1938, Sloss became the first woman at Iowa State College to earn the Doctor of Veterinary Medicine degree, the 27th in the USA. Sloss died December 11, 1979 and is interred in the Iowa State University cemetery. ISU named the Margaret Sloss Women's Center in her honor in 1981.

**Cristine Wilson Medal Recipient Jane Jones Turner Burleson**  
Jane Jones Turner Burleson is an Iowa original, born and raised in Fort Dodge. In 1947, Jane went to work for the Hormel Packing Plant in Fort Dodge. While working in the sliced bacon department, the sausage production line, and eventually on the cut floor, she became active in the labor union, becoming a steward and serving on the United Packinghouse Workers of America (UPWA) Local 31 Execu-tive Board and working on civil rights issues nationally. Jane was the first woman and the first African American elected to the Fort Dodge City Council in 1983, a seat she continues to hold. In 2002, Jane was named the Citizen of the Year in Fort Dodge.

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