GDCB Spring Recognition  
Tuesday, April 24, 2012  
12:00 Noon – 2:00 PM

PRESENTATIONS

UNDERGRADUATE STUDENTS

BIOLOGY SCHOLARSHIPS – PROFESSOR DIANE BASSHAM, PRESENTER

Biology Sophomore Success Scholarship. To reward academic success.  
Fall 2012
Megan Breider, Junior  
Audra Loy, Junior  
Samantha Stearns, Junior

Irving W. and Natalie A. Knobloch Scholarship. To reward students with demonstrated interest in botany.  
Fall 2012
Kalynn Doebel, Junior  
Kayla Flyckt, Sophomore

Scholarship in Ecology, Evolutionary and Environmental Biology. To reward students actively pursuing his/her education who shows promise for going on to graduate student in ecology, evolutionary or environmental biology.  
Fall 2012
Anne Patterson, Senior

College of AgLS Dean’s Leadership Scholarships. For incoming freshmen who are non-Iowa residents with high school GPA of 3.0 and demonstrated leadership participation. Includes funding for employment by faculty member in student’s major.  
2010-12
Allison Jaycox, Junior  
Laura Rapp, Junior

2011-13
Elliott White, Sophomore

BIOLOGY PEER MENTOR RECOGNITION – DENISE HIX, PRESENTER

Seniors
Alyssa Burcham
Keely Burke
Emma Chalupsky
Katelyn Davis
Nicholas Degroote
Lauren Fangman
Abigail Neyer
Mischa Olson
Olivia Palmer
Danielle Pohl
Brandon Woods

Juniors
Monica Cox
Allison Masters
Megan Steffen
Sui Tong Chan Fung Fund for the Promotion of Study and Research in Genetics Scholarship. *Reward for academic success and in support of education in genetics*

**Highest GPA**

**Seniors**

**Spring 2011**
- Benjamin Bastin
- Genna Chadderdon (graduated)
- Benjamin Janson
- Ellen Jesmok (graduated)
- Chelsie Kohns (graduated)
- Janavi Kumar (graduated)
- Mackenzie Reed (graduated)

**Fall 2011**
- Kristen Sandvig (graduated)
- Lynn Veenstra (graduated)

**Juniors**

**Spring 2011**
- Brianna Brun
- Autumn Marsden

**Fall 2011**
- Theodore Bloechle
- Christopher Hernandez
- Jay Hoch

**Sophomores**

**Spring 2011**
- Kimberly Sorsby

**Fall 2011**
- Kelly Moore

**Freshman**

**Spring 2011**
- Christopher Hernandez

**Fall 2011**
- Lauren Reagan

**Incoming Freshman**
- Victoria Pohlen, Fall 2011

**Summer 2012 Internship**

- Abbagail Johnson, Junior (Prof. Yanhai Yin)
- Trevor Nolan, Senior (Prof. Steve Rodermel)

- Jordan Snell, Sophomore (Prof. Jeff Essner)
- Kallie Weinand, Senior (Prof. Jeff Trimarchi)

**Darlene and Melvin Larsen Scholarship.** *To reward academic achievement*

- Kayla Flyckt, Sophomore Biology
- Mischa Olson, Senior Biology
Diane Marie Heimbuch Scholarship. To reward academic achievement
Jessica Hammerand, Junior Dairy Science

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2011-13
Victoria Pohlen, Freshman
Lauren Reagan, Freshman

GENETICS PEER MENTOR RECOGNITION – LOIS GIRTON, PRESENTER

Senior
Autumn Marsden (LAS)
Kody Wallstein (LAS)

Junior
Brianna Brun (AgLS)
Jay Hoch (AgLS)

GRADUATE STUDENTS – PROFESSOR YANHAI YIN, PRESENTER

Graduate College Awards

Research Excellence Award. Award to recognize and encourage outstanding achievement by graduate students in teaching.
Yimo Liu, Ph.D. Genetics (graduates spring 2012)
Deepak Reyon, Ph.D. Bioinformatics and Computational Biology (graduated fall 2012)

Department - Genetics, Development and Cell Biology (GDCB)

David Gladson Scholarship Award. This scholarship supports studies that are applicable to the cures for existing neurological disorders
Eun Ah Ye, Ph.D. candidate, Neuroscience

Travel Awards. Award to encourage GDCB graduate students to attend and present their research results at scientific meetings

Dale W. Young and W.E. Loomis Fund Travel Award
Fall 2011
Xiao Li, M.S. candidate, Genetics
Daniel Standage, Ph.D. candidate, Bioinformatics & Computational Biology

Spring 2012
Brice Floyd, Ph.D. candidate, Plant Biology
Ting Li, Ph.D. candidate, Genetics
Dafang Wang, Ph.D. candidate, Plant Biology
Jinliang Yang, Ph.D. candidate, Genetics
GDCB Department Travel Award

*Fall 2011*

Hyejin Cho, Ph.D. candidate, Bioinformatics & Computational Biology

Sui Tong Chan Fung Fund Travel Award

*Fall 2011*

Kai Ying, Ph.D. candidate, Genetics

*Spring 2012*

Wei Li, Ph.D. candidate, Genetics

Jennifer Saldanha, Ph.D. candidate, MCDB

Joshua Strable, Ph.D. candidate, Plant Biology

Rebecca Weeks, Ph.D. candidate, Genetics

Gibum Yi, Ph.D. candidate, Plant Biology

**FACULTY & STAFF COLLEGE AND UNIVERSITY AWARDS — PROF. JACK HORNER, PRESENTER**

**College of Agriculture & Life Sciences**

**Faculty**

*Outstanding Achievement in Research.*  *to recognize faculty who have a national or international reputation for contributions in research and/or artistic creativity, and who have influenced the research activities of students*

Professor Philip Becraft

**Staff**

*P&S Council CYtation Award.*  *This award recognizes individuals who perform above and beyond the call of duty, do something extraordinarily well, or act in such a way as to make a very real difference in the institution.*

Diane Jepsen. Diane was nominated for her extraordinary service in assuming additional duties in GDCB during a period of transition in administrative services.

**OTHER FACULTY & STAFF HONORS AND AWARDS — PROFESSOR & CHAIR JO ANNE POWELL-COFFMAN, PRESENTER**

**Faculty**

*Promotion to Professor – Already Tenured*

Professor Diane Bassham

**Retirements**

Professor Joseph Viles, Summer 2011

Professor Duane Enger, Fall 2011

**Other Achievements of Note**

**Professor Philip Becraft**, Elected Fellow of the National Academies Northstar 2011 Summer Institute in Biology
Professor Steve Rodermel, Elected Fellow 2011, AAAS

Professors. Jim Colbert, Clark Coffman, and Dr. Emeka Kemdirim were recognized by new inductees to the Alpha Lambda Delta and Phi Eta Sigma honor societies as being especially influential introductory biology instructors for helping to make ISU an “outstanding institution where first-year students feel affirmed, encouraged and successful.

2011-12 Funding Awards

Prof. Eric Henderson, $100,000, Bill & Melinda Gates Foundation. Project: DNA nanodevice for pathogen detection.

Prof. Ling Li, $30,000, ISU Research Foundation. Project: QQS as a molecular tool to increase the protein content of commercial crops.

Prof. Jeffrey Essner, $1,358,789, NIH. Project: in vitro and in vivo signaling mechanisms of endothelial tube formation.


Prof. Drena Dobbs, $232,403, NSF. Project: continued funding for her research on precise engineering of plant genomes using zinc finger nucleases.

Prof. Ling Li, $149,015, United Soybean Board. Project: High-protein soybeans.


Prof. Ling Li, $10,000, ISU Research Foundation. Project: QQS role in seed composition determination.

Prof. Eve Syrkin Wurtele, $529,792, NIH. Project: Meta!Blast: a 3D cell and metabolic biology interactive learning environment for high school students.

Prof. Volker Brendel & Prof. Karin Dorman, $1.5 m, NSF. Project: IPGA: characterization, modeling, prediction, and visualization of the plant transcriptome.

Prof. Bing Yang, $120,142 DOA. Project: management of the switchgrass rust disease by deploying hose resistant genets and monitoring the dynamics of pathogen populations.

Prof. Phil Becraft, $510,925, NSF. Project: transcriptional regulation of maize endosperm development by IDD9 and IDDveg9 duplicate genes.

Prof. Erik Vollbrecht and Prof Carolyn Lawrence, $98,470, NCGA. Project: the development of functional genomics software tools (FGSTs) for MaizeGDB.

Prof. Yanhai Yin, $135,000, NSF. Project: the mechanisms of Plant Steroid Hormone Regulated Gene Expression in Arabidopsis thaliana.