

**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

GENETICS SCHOLARSHIPS— PROFESSOR ALAN MYERS, PRESENTER

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)

Kristen Sandvig (graduated)
Lynn Veenstra (graduated)

Fall 2011

Robert Bender
Stephanie Haase
Jennifer Hurban
Benjamin Janson
Lynn Veenstra

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

Abigail 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

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.*

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

Jenifer 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 Citation 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. Erik Vollbrecht & Prof. Carolyn Lawrence, \$78,776, University of Florida (NSF). Project: UNIFORMMU: a transposon resource for functional genomics of maize.

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. Stephan Schneider, \$376,882, Roy J. Carver Charitable Trust Award. Project: the integration of the oncogenic wnt/ β -caternin pathway into embryonic gene regulatory networks.

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*.