



Student, Faculty and Staff  
Honors and Awards Recognition Luncheon  
Friday, May 2, 2014

## Program

### ***UNDERGRADUATE STUDENTS***

#### ***GDCB Department Scholarships***

##### **Darlene and Melvin Larsen Scholarship**

Emma Johnson (Biology)  
Lauren Reagan (Genetics)  
Jeane Robles (Biology)

##### **Diane Marie Heimbuch Scholarship**

Alexandria Burrett (Biology)  
Kameron Voves (Biology)

#### ***Genetics Undergraduate Program***

##### **Sui Tong Chan Fung Fund for the Promotion of Study and Research in Genetics Awards**

Spring 2013 – Highest GPA

Freshman  
Marcus Bolton  
Kathryn Hoemann  
Erica Nelson  
Laura Pederson  
Keaton Phillips  
Jered Stratton

Sophomore: Lauren Reagan

Junior:  
Kenneth Coursey  
Tyler Faber  
Garrett Smith

Senior:

Brianna Brun  
Trevor Nolan

Fall 2013 – Highest GPA

Freshman:  
Ana Collazo  
Jayne Wiarda

Sophomore:

Sarah Azam  
Lindsey Bendix  
Kelly Gray  
Erica Nelson  
Laura Pederson  
Keaton Phillips  
Jered Stratton

Junior:

Lauren Reagan  
Ryan Bower  
Jacob Petrzelka

Senior:

Garrett Smith  
Christopher Hernandez  
Aysha Majeed  
James Grayczyk

Incoming Freshman 2013-14

Freshman: Allison Lenselink  
Sophomore: Matthew Elert  
Junior: Lauren Reagan  
Senior: Julie Gunter

Summer Internship 2014:

Lillian Howard  
Adam C. Smith

Genetics: The Secret of Life Learning

Community Peer Mentors

Lillian Howard  
Iman Kashmola  
Garrett Smith  
Jered Stratton

Exemplary Peer Mentor Awards from the Learning Community

Iman Kashmola  
Garrett Smith

***Biology Undergraduate Program***

Biology Sophomore Success Scholarship

Katerina Herzberg  
Lyndsey Niebuhr  
Hannah Thoma  
Heather Wilson

Irving W. and Natalie A. Knobloch Scholarship

Olivia LaGrange  
Adam Neuhouser

Mary Kate Phillips Scholarship

Marena Bartz (Genetics)  
Jeremy Schuster (Genetics)

Biology Peer Mentor Recognition for B.E.S.T. Learning Community

Quinton-Elia Bose  
Kayla Flyckt  
Marinda Gacke  
Alyson Huppertz  
Terry Lund  
Allison Masters  
Eric Neill  
Danielle Pohl  
Jennifer Pope  
Kelcy Weibel

***GRADUATE STUDENTS***

**Graduate and Professional Student Senate (GPSS) Peer Teaching Award**

Jenifer Saldanha (PhD MCDB, Powell-Coffman Lab)

**Graduate College Awards**

**Research Excellence Award**

Ting Li (PhD Genetics spring 2014, Yang Lab), Spring 2014

Rebecca Weeks (PhD Genetics fall 2013, Vollbrecht Lab), Fall 2013

**Teaching Excellence Award**

Han Gao (PhD Genetics, Spalding Lab), Biology 211L, Spring 2014

Sarah Hill-Skinner (PhD Plant Biology, Schnable Lab), Biology 313L, Spring 2014

Alfredo Kono (PhD Genetics, Spalding Lab), Biology 313L, Spring 2014

Rahul Roy (PhD Genetics, Bassham Lab), Biology 256L, Fall 2013

Dafang Wang (PhD Genetics, Peterson Lab), GDCB 544, Spring 2014

**Zaffarano Prize**

Ting Li (PhD Genetics, Yang Lab)

**GDCB Department Awards**

**Travel Awards**

*GDCB Travel Award*

Hyejin Cho (PhD BCB, Chou lab), Fall 2013

Divita Mathur (PhD BCB, Henderson Lab), Spring 2014

Yunting Pu (PhD Genetics, Bassham Lab), Spring, 2014

Jenifer Saldanha (PhD MCDB, Powell-Coffman Lab), Spring 2014

Staci Solin (PhD MCDB, McGrail Lab), Spring 2014

*Dale W. Young and W.E. Loomis Fund Travel Award*

Jiani Chen (PhD Plant Biology, Yin Lab), Spring 2014

Brice Floyd (PhD Plant Biology, Bassham Lab), Spring 2014

Han Gao (PhD Genetics, Spalding Lab), Spring 2014

Xiao Li (PhD Genetics, Schnable Lab), Fall 2013

Buyan Tang (PhD Plant Biology, Yin Lab), Spring 2014

Zhouli Xie, (PhD Plant Biology, Yin Lab),  
Spring 2014

*Sui Tong Chan Fung Fund Travel Award*  
Benjamin Bastin (PhD, MCDB, Schneider  
Lab), Fall 2013

Bo Chen (PhD Genetics, Spalding Lab),  
Spring 2014

Wei Fang (PhD Genetics, Spalding Lab),  
Spring 2014

Jillian Goetz (PhD Neuroscience, Trimarchi  
Lab), Fall 2013

Rahul Roy (PhD, Genetics, Bassham Lab),  
Spring 2014

Dafang Wang (PhD Plant Biology, Peterson  
Lab), Spring 2014

## **FACULTY AND STAFF**

**Dr. Ling Li**, Adjunct Professor  
P&S Excellence in Research Award, Iowa State  
University

**Professor Erik Vollbrecht**  
Mid-Career Research Award, College of  
Agriculture and Life Sciences

**Professor Bing Yang**  
Mid-Career Research Award, College of  
Liberal Arts & Sciences

**Professor Diane Bassham & Professor Eve  
Syrkin Wurtele**  
2013 International Science and Engineering  
Visualization Challenge  
People's Choice Award for Meta!Blast: The  
Leaf

## **OTHER DEPARTMENT RECOGNITION**

**New Hires: Faculty and Lecturers**  
Dr. Sayali Kukday, Lecturer, fall 2013  
Professor Carolyn Lawrence, Associate  
Professor, tenured, January 2, 2014  
Professor Michael Muszynski, Assistant  
Professor, July 1, 2013

**Professor Diane Bassham** named to three-  
year term as inaugural Walter E. and Helen  
Parke Loomis Professor of Plant Physiology,  
spring 2013

**Professor Clark Coffman** selected for 2013-  
2014 Research Residency in the Biology  
Scholars Program

**Professor Clark Coffman** named 2014 ISU  
McNair Faculty Mentor of the Year

**Professor Carolyn Lawrence**, Finalist  
Technology Association of Iowa: Women of  
Innovation 2013 Finalist for Research  
Innovation and Leadership

**Professor Patrick Schnable** named Plant  
Sciences Institute Director

**2013-14 Funding Awards**  
April 2013 to the present)

**Professor Diane Bassham.** \$213,765 (first  
year of a two-year award) for research project,  
"Autophagy and ER stress in plants." Professor  
Stephen Howell is Co-PI. This is a continuing  
grant which has been approved on scientific  
and technical merit. (NSF)

**Professor Drena Dobbs.** Team leader for one-  
year \$100,000 proof-of-concept award for  
research project entitled, "Identifying  
Potential RNA Therapeutic Targets in  
Infectious Disease," is to establish the core of  
a future Consortium for RNA-based therapies.  
(ISU Presidential Initiative for Interdisciplinary  
Research Award)

**Professor Carolyn Lawrence.** \$32,026 for  
research project entitled, "Development of  
Functional Genomics Software Tools (FGSTs)  
for MaizeGDB". **Professor Erik Vollbrecht** is  
the lead PI on this grant (NCGA)

**Professor Maura McGrail.** \$375,000 grant to  
support cancer research. (Roy J. Carver  
Charitable Trust)

**Professor Maura McGrail.** \$139,360 for  
research project, "Sleeping Beauty transposon  
system for mutagenesis in zebrafish (National  
Cancer Institute of the NIH)

**Professor Martin Spalding**, team leader for three-year \$500,000 pursuit funding award for research program, entitled, "ISU Crop Engineering Consortium." (ISU Presidential Initiative for Interdisciplinary Research Award).

**Professor Jeff Trimarchi**. \$27,000 for research project entitled, Molecular Characterization of cell types in an ALS mouse model. (Northwestern University)

**Professor Bing Yang**. \$499,664 for research project entitled, Genome-wide assessment of off target effect and removal of transgenes associated with TALEN-based gene editing in plant. **Professor Martin Spalding** is a Co-PI. (USDA-NIFA)

**Professor Bing Yang**. \$461,814 over three years for research project entitled, "Collaborative Research: The role of host nutrient carriers in pathogen susceptibility" (NSF)

## PRESENTERS

**PHILIP BECRAFT**, Professor GDCB and Department Scholarship Committee

**CLARK COFFMAN**, Associate Professor and Associate Director Biology Program

**JACK HORNER**, University Professor and GDCB Honors and Awards Committee Chair

**DR. LOIS GIRTON**, Biology and Genetics Academic Adviser

**ALAN MYERS**, BBMB Professor and Director of Undergraduate Genetics Program

**JO ANNE POWELL-COFFMAN**, Professor and Chair of GDCB

**YANHAI YIN**, Associate Professor GDCB and Graduate Affairs Committee Chair