

ECOLOGICAL GENOMICS Symposium

November 5 - 7, 2010

Muehlebach/Marriott Hotel – Downtown, Kansas City

*Genes in Ecology
Ecology in Genes*

PLENARY SPEAKER:

Hopi Hoekstra - Harvard University

Digging for genes that contribute to behavioral evolution

FEATURED SPEAKERS:

Seth R. Bordenstein - Vanderbilt University

Microbial symbiosis and mobile genetic elements

Douglas L. Crawford – University of Miami

Microarrays, proteomics and physiology: How the study of natural populations inform science

Maitreya Dunham - University of Washington

Comparative functional genomics in yeasts

Audrey P. Gasch - University of Wisconsin-Madison

Natural variation in stress sensitivity and genomic expression in *Saccharomyces cerevisiae*

Corbin Jones - University of North Carolina at Chapel Hill

Genetics of host specialization in *Drosophila*: Insights into the interplay of speciation and adaptation

John K. McKay - Colorado State University

Evolutionary genetics of local adaptation in *Arabidopsis* and beyond

Marilyn Roossinck - The Samuel Roberts Noble Foundation

Plant virus biodiversity and ecology

Michael J. Wade - Indiana University

The plasticity load: The cost of flexibility in a variable environment

Anna E. Whitfield - Kansas State University

Dissecting the molecular interplay between plant viruses and their arthropod vectors

Support Provided By:



ECOLOGICAL GENOMICS:

This integrative field combines genomic tools and ecological approaches to determine the functional significance of genes and genomes and their evolutionary and ecological context. The Ecological Genomics Institute at Kansas State University comprises 25 faculty from seven disciplines. The Symposium will feature lectures by scientists at the forefront of Ecological and Evolutionary Functional Genomics.

SYMPOSIUM PROGRAM:

The symposium will begin Friday evening with talks and a poster session. Saturday will feature additional talks and a poster session. Talks will conclude Sunday at noon.

POSTER ABSTRACTS:

Please follow the abstract submission guidelines on the symposium website listed below and submit online before Friday, October 8, 2010. A limited number of submitted poster abstracts will be selected for oral presentation.

STUDENT FELLOWSHIPS:

Support is available for a limited number of student fellowships. An application form can be found at <http://ecogen.ksu.edu/symp2010>. Selection criteria includes submitting a poster abstract and relevance to ecological genomics. The K-State Ecological Genomics Institute promotes diversity in science, thus members of underrepresented groups are encouraged to apply. Application deadline is Tuesday, September 21, 2010.

HOTEL ACCOMMODATIONS:

The historic Muehlebach/Marriott Hotel in downtown Kansas City, has reserved a block of rooms for symposium participants at the low rate of \$119/night. After October 8, reservations will be accepted at the hotel's prevailing rate (up to \$300) if space is available. The on-site self-parking fee is \$13 daily. Call 1-800-266-9432 on or before October 8 and identify the group as *2010 Ecological Genomics Symposium* or book online by accessing the "Reserve Hotel" link at ecogen.ksu.edu/symp2010 to obtain the group discount at the Marriott Downtown, 200 West 12th Street, Kansas City Missouri 64105.

TRANSPORTATION:

Air: Kansas City International Airport (MCI) is 30 min from the conference site.

Ground: KC Transportation Group, www.kctg.com, offers options such as Super Shuttle Shared-Ride Service, 1-800-258-3826, ~ \$34/person round trip or Taxi, ~ \$50 one-way.

REGISTRATION INFORMATION:

The registration fee of \$225 (\$150 for graduate and undergraduate students) includes breakfast and lunch on Saturday and breakfast on Sunday. **After Friday, October 8:** Registration will be \$300 (\$200 for students).

REGISTER ONLINE:

ecogen.ksu.edu/symp2010 or

PRINT the registration form at the same address and FAX to: 785-532-2422 Attn: Ecological Genomics Symposium or MAIL to: Ecological Genomics Symposium 141 College Court Building Kansas State University Manhattan, KS 66506-6015

or BY PHONE Call 1-800-432-8222 or 785-532-5569 and ask for Non-Credit Programs Registration.

Office hours are Monday - Friday 8 a.m. to 5 p.m., CST

<http://ecogen.k-state.edu/symp2010>

Symposium funding provided by Kansas State University

