

***-* Sixth Annual Arthropod Genomics Symposium and i5k Community Workshop*-*
MAY 30 to JUNE 2, 2012
Kansas City Marriott on the Country Club Plaza
<http://www.ksu.edu/agc/symp2012>**

You still have time to register before Friday, March 30, at the early bird rates and make arrangements to attend!!!

Key deadlines:

- Friday, March 30 - Early Discount Registration
- Friday, March 30 - Hotel Reservations at the Marriott on the Country Club Plaza
- Friday, March 30 - Poster Abstracts to display a poster
- Friday, May 18 - Registration at regular rates. Registration will continue to be accepted after May 18, if space is available.

The symposium focuses on new insights gleaned from analyzing arthropod genomes and is designed for scientists interested in genomic studies of Arthropods, both model organisms and those of agricultural or health relevance. The program will include platform presentations, a welcome reception, a bioinformatics-related workshop and arthropod genomics-related poster sessions. Postdoctoral, graduate, and undergraduate students are also encouraged to attend. Sessions conclude Saturday evening, followed by an optional Kansas City Barbecue banquet.

-*-*-* [i5k Community Workshop](#) *-*-*-

MAY 30, 2012 (Wednesday morning) to MAY 31, 2012 (Thursday afternoon)
"i5k Community Workshop: An international effort to sequence 5,000 of the world's key arthropod species." The Workshop will aim to bring together biologists, informaticists, and policy-makers to discuss and contribute to advance planning for the i5k initiative. Plans for the i5k Workshop include presentations by top genomics and bioinformatics researchers and representatives from the primary sequencing centers, followed by training and breakout sessions focused on i5k and other successful insect genome projects. The Workshop will conclude with a discussion of white papers and programmatic steps needed to enact i5k projects.

REGISTRATION: [Register ONLINE](#) by accessing this link or visit the Register tab on the Symposium website, www.k-state.edu/agc/symp2012.

Registration Rates for Non-Students:

Arthropod Genomics Symposium ONLY- \$375 (\$475 after 3/30/12)
i5k Workshop ONLY - \$100 (\$150 after 3/30/12)
Combined Symposium and i5k Workshop - \$425 (\$575 after 3/30/12)

Registration Rates for Students:

Arthropod Genomics Symposium ONLY- \$175 (\$250 after 3/30/12)
i5k Workshop ONLY - \$50 (\$100 after 3/30/12)
Combined Symposium and i5k Workshop - \$200 (\$300 after 3/30/12)

HOTEL ROOMS at the Kansas City Marriott on the Country Club Plaza can be reserved for the low rate of \$121/night at: <http://www.k-state.edu/agc/symp2012/hotel.html>

POSTER SESSIONS are planned for Friday and Saturday. Please follow the guidelines at <http://www.k-state.edu/agc/symp2012/images/AbstractGuidelines.pdf> and submit your abstract by March 30, 2012.

BIOINFORMATICS WORKSHOP: Friday, June 1, 5:30-7:30 p.m.

Terence Murphy, NCBI/NIH, "How to submit your sequencing project to NCBI"

Dan Lawson, EMBL-EBI, "Making your genome useful to a wider audience"

KEYNOTE SPEAKER:

Gene E. Robinson

Entomology and Institute for Genomic Biology, University of Illinois at Urbana-Champaign
"Understanding the Relationship between Genes and Social Behavior: Lessons from the Honey Bee"

FEATURED SPEAKERS:

Volker Brendel

Department of Biology and School of Informatics and Computing
Indiana University

William E. Browne

Biology, University of Miami
Niche Partitioning in the Pelagic Zone and the Evolution of the Hyperiid Amphipods

Angela E. Douglas

Entomology, Cornell University
"From Metagenomes to Function in Animal-microbial Symbioses"

Giles E. Duffield

Biological Sciences and Eck Institute for Global Health, University of Notre Dame
"Circadian and Light Regulation of the Mosquito Transcriptome"

Miodrag Grbic

Biology, The University of Western Ontario, London, Canada and Research Center of Vine- and Wine-related Science, Logroño, Spain
"The Genome of the Two Spotted Spider Mite *Tetranychus urticae*: New Model for Plant-pest Interactions"

Marc S. Halfon

Biochemistry, University at Buffalo-State University of New York and NY State Center of Excellence in Bioinformatics & Life Sciences
"Regulatory Element Discovery in Sequenced Insect Species"

Michel R. Kanost

Biochemistry, Kansas State University
"Initial Insights from the *Manduca sexta* Genome"

Karl Kjer, Entomology, Rutgers University
Bernhard Misof, Zoological Research Museum Alexander Koenig, Bonn, Germany
Xin Zhou, Beijing Genomics Institute, Shenzhen, China
“The 1KITE Insect Transcriptomics Initiative”

S. R. Palli
Entomology, University of Kentucky
“Functional Genomics of Juvenile Hormone Action”

Jason L. Rasgon
Entomology, The Center for Infectious Disease Dynamics, and the Huck Institutes of The
Life Sciences, The Pennsylvania State University
“Functional Metagenomics of *Anopheles*-microbe Interactions”

David W. Severson
Eck Institute for Global Health and Department of Biological Sciences, University of Notre
Dame
“Dengue Virus Vector Competence and Functional Genomics in *Aedes aegypti*”

Matthew G. Slattery
Biological Sciences, Human Genetics, University of Chicago
*Specificity Revealed: Protein-protein Interactions Mediate Emergent DNA Recognition
Properties of Drosophila Transcription Factors*

TENTATIVE PROGRAM for SYMPOSIUM & i5k WORKSHOP

Wednesday, May 30 – i5k Community Workshop

7:15-8:15 am Registration

8:30 am -5:30 pm Speaker sessions

7:30 pm-10:00 pm Poster session

Thursday, May 31, 8:30 am-5:00 pm – i5k Workshop continues with breakout groups,
common session, and report-backs

Thursday evening, May 31, 7:30 pm – Arthropod Genomics Symposium begins with
keynote presentation and welcome reception

Friday, June 1 – Arthropod Genomics Symposium Platform and Poster Sessions

Friday, June 1, 5:30-7:30 pm - Symposium Bioinformatics Workshop

Friday evening, June 1 – Dinner on your own

Saturday, June 2 – Arthropod Genomics Symposium Platform and Poster Sessions

Saturday evening, June 2 – Optional Kansas City BBQ banquet at Fiorella’s Jack Stack
Barbecue, Freighthouse location

Saturday evening, June 2 - Meeting concludes

VENUE: The symposium will take place at the Kansas City Marriott on the beautiful Country
Club Plaza in Kansas City, Missouri.

QUESTIONS: Contact Doris Merrill at dmerrill@k-state.edu.

If you would like to join the ArthropodNews listserv to ensure receiving future notices, please
send an e-mail with your name and e-mail address to dmerrill@ksu.edu.

Please help us “paperlessly publicize” the Symposium by sharing this announcement with colleagues and students!

SPONSORS:

- *Center for Genomic Studies on Arthropods Affecting Human, Animal and Plant Health, KansasStateUniversity
- *American Genetic Association
- *Eck Institute for Global Health, University of Notre Dame
- *USDA-Agricultural Research Service
- *USDA-National Institute of Food and Agriculture

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Susan J. Brown, Professor and Director, Center for Genomic Studies on Arthropods Affecting Human, Animal and Plant Health, KansasStateUniversity
Kristin Michel, Assistant Professor, Division of Biology, KansasStateUniversity, Chair, AGC Symposium Organizing Committee
Jay D. Evans, USDA-ARS Bee Research Lab
Co-Chair, i5k Workshop Organizing Committee

by

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