

Committee Meetings:

12:00-1:00: GE Editorial Board Meeting– Sullivan Room (8th flr)
Membership Committee—Cordova Room (5th flr)
Publication Committee—Michigan Room (upper 5th flr)
ELSI Committee—Alhambra Room (5th flr)

1:15 – 2:45pm POSTER SESSION/Coffee Break –
(Even # Abstracts Present) Holabird, Wright and Burnham Rooms (8th flr)

2:45– 4:15pm Session 7: Prospective studies and study design—Chairs: Scott Williams & Andrew Paterson

2:45-3:15 Invited speaker #4. Teri Manolio
New Models for Large Prospective Studies involving Genomics

3:15-3:30 Nicholas Timpson #24: Association of plasma uric acid with ischemic heart disease and blood pressure: Mendelian randomization analysis of two large cohorts

3:30-3:45 Saunak Sen (on behalf of Parichoy Choughury) #25: Enhancing case-control genetic studies using sample surveys

3:45-4:00 Glen Satten #26: Testing Association without Calling Genotypes Allows for Systematic Differences in Read Depth between Cases and Controls

4:00-4:15 John Wallace #27: Population Stratification Detection and Correction in Rare Variant Collapsing Methods Using Principal Component Analysis

4:15-5:00 Final Comments

2014 IGES Conference will be held in Vienna, Austria

August 28-30, 2014

in conjunction with the ISCB 35 and GAW 19

Check the IGES website often for updates and details!

THANKS

TO OUR EXHIBITORS AND VENDORS
FOR THEIR SUPPORT

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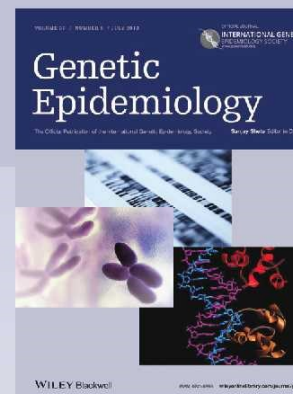
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**INTERNATIONAL GENETIC
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**22ND ANNUAL
CONFERENCE
INTERCONTINENTAL
MAGNIFICENT MILE
CHICAGO ILLINOIS, USA
SEPTEMBER 15-17, 2013**

MEETING PROGRAM

WWW.GENETICEPI.ORG

Sunday, September 15

10:00 am: Registration Opens—Empire Room (7th flr)

1:00pm: Poster Room open— Holabird, Wright and Burnham Rooms (8th flr)

1:00-5:00pm: Educational Workshop—Grand Ballroom (7th flr)

Chair: Liz Gillanders

Topic: Advancing Scientific Progress through Genomic Data Sharing: Access and Analysis— Steve Sherry, Nancy Cox, Brandon Pierce, Marylyn Ritchie, Laura Bierut, Justin Paschall, Martin Tobin

6:00pm: Welcome Reception — Renaissance Ballroom(5th flr)

7:30pm: Young Investigators Mixer - Camelot Room (3rd flr)

7:30pm: Board of Directors Meeting - Sullivan Room (8th flr)

Monday, September 16

7:00-8:30 am Breakfast—Renaissance Ballroom (5th flr)

General Session— Grand Ballroom (7th floor)

8:30 – 10:00am Session 1: Population Diversity

Chairs: Justo Lorenzo Bermejo & Heike Bickeböllner

8:30-9:00 Presidential Address: Andreas Ziegler

9:00-9:15 Best paper in Genetic Epidemiology—Awardee Announced

9:15-9:30 Qunyuan Zhang #1: SMART-scan (Selection of Models for the Analysis of Risk-factor Trees): Leveraging biological knowledge to mine large sets of risk factors with application to microbiome data

9:30-9:45 Kelly Benke #2: Polygenic Risk Score Associations may be improved with simple procedures

9:45-10:00 Ronnie Sebros #3: Geographic genetic diversity in the United States and implications for genomewide association studies

10:00 – 10:30am Coffee break - Balcony (8th flr)

10:30-12:00pm Session 2: Neel and Williams awards

Chairs: Heather Cordell & Celia Greenwood

Neel Candidates:

10:30-10:45 Andrew Jaffe #7: Accounting for cellular heterogeneity is critical in epigenome-wide association studies

10:45-11:00 Jennifer Below #8: Reconstructing Pedigrees from Estimates of Genomic Sharing in Admixed Populations

11:00-11:15 Charles Yin Kiu Cheung #9: Design matters! A statistical frame work to guide sequencing choices in pedigrees

Williams Candidates:

11:15-11:30 Jessica Dennis #4: Investigating genetic and epigenetic variation in the chromosome 2q region linked to tissue factor pathway Inhibitor plasma I

11:30-11:45 Miaoyan Wang #5: Optimal Selection of Individuals for Genotyping in Genetic Association Studies with Related Individuals

11:45-12:00 Jae Hoon Sul #6: Effectively identifying eQTLs from multiple tissues by combining mixed model and meta-analytic approaches

12:00 – 1:00pm- Lunch ON YOUR OWN

Committee Meetings:

12:00-1:00: Program Committee —Sullivan Room (8th flr)

Education Committee— Michigan Room (upper 5th flr)

12:15-1:00pm– Young Investigators Workshop— Exchange Room (11th flr) "Career Advice: the good, the bad, and the ugly". Bring your lunch to the young investigators a meeting with the board of directors, engage in lively discussion of the best and worst advice you've received regarding your career, and enter to win a prize!

1:00– 2:00pm Session 3: Genomic Annotation and Its Uses

Chairs: Mariza de Andrade & Jeanine Houwing-Duistermaat

1:00 – 1:30 Invited speaker #1. Alviz Brazma, ENCODE

Using high throughput sequencing and other functional assays to study how genome works and some of the lessons learned

1:30–1:45 Hae Kyung Im# 10: Poly-Omic Prediction of Complex Traits – OmicKriging

1:45-2:00 Jianzhong Ma #11: Genome-wide scan of inversions predisposing to secondary rearrangements using case-parent trio data

2:00 – 3:30pm POSTER SESSION/Coffee Break — (Odd # Abstracts Present)

Holabird, Wright and Burnham Rooms (8th flr)

3:30– 4:30pm Session 4: Families and sequence data

Chairs: Brooke Fridley & Peter Kraft

3:30-3:45 Special contributed talk by Adrienne Cupples #12

Sequence Data in Family Studies: the Framingham Heart Study

3:45-4:00 Wei Gao #13: Sequence Kernel Association Test in Family Samples with Repeated Phenotype Measurements or Multiple Traits

4:00-4:15 Alexandre Bureau #14: Sharing of rare variants by affected relatives: building evidence for causal variants based on exact sharing probabilities

4:15-4:30 Paul Marjoram #15: Design of Sequence-based Follow-up to GWAS

4:30 – 5:45 Business meeting

5:45pm – 9:30pm BANQUET – CRYSTAL GARDENS @ Chicago Navy Pier

(Buses will be located at the Illinois Street Entrance of the hotel. Please note buses will pick up and deliver every 15 –20 minutes until 6:30 and again at 9:00-10:30 from the Navy Pier to the hotel. After 10:30 no charter will be available.)

Tuesday, September 17

7:00-8:30 Breakfast—Renaissance Ballroom (5th flr)

General Session— Grand Ballroom (8th flr)

8:30-10:00am Session 5: Genetic epidemiology, Pharmacogenomics, and Methylation

Chairs: Denise Daley & Josée Dupuis

8:30-9:00 Invited speaker #2. Nadeem Sarwar

The contemporary role of genetic epidemiology in drug discovery and development

9:00-9:15 Younghee Lee #16: Variants Affecting Exon Skipping in Very Important Pharmacogenes

9:15-9:30 Richard Howey #17: Imputation without doing imputation: a new method for the detection of non-genotyped causal variants

9:30-9:45 Changshuai Wei #18: Detecting genetic heterogeneity in complex diseases with a weighted U statistic

9:45-10:00 Stacey Winham #19: Functional data analysis of blood-based DNA methylation profiles and ovarian cancer risk

10:00-10:30am Coffee break - Balcony (8th flr)

10:30-12:00pm Session 6: Data Integration

Chairs: Sanjay Shete & Jason Moore

10:30-11:00 Invited speaker #3. Stephen Montgomery

The impact of rare variation on gene expression in families

11:00-11:15 Christian Darabos #20: Inferring Human Phenotype Networks from Pathway-based Analysis

11:15-11:30 Yaniv Erlich #21: Microsatellite Polymorphisms Create an Abundant Source of Expression Variability

11:30-11:45 Yijuan Hu #22: Meta-Analysis of Gene-Level Associations for Rare Variants Based on Single-Variant Statistics

11:45-12:00 Jin J.J.Z Zhou #23: Integrating Multiple Correlated Phenotypes for Genetic Association Analysis Through Heritability

12:00 – 1:15pm- Lunch ON YOUR OWN