

# HESI ANNUAL MEETING

## JUNE 13-15, 2017 - DUBLIN IRELAND

### SCIENCE FORWARD

TUESDAY JUNE 13, 2017

**8:30 am – 12:00 pm** HESI Board of Trustee Meeting

**12:30 pm – 1:30 pm** **HESI Scientific Committee Leadership Discussion Session**  
(Opportunity to identify and resolve committee leadership issues, challenges, opportunities, and define ways HESI can better support its programs and volunteers). *All HESI Scientific Committee Leaders invited/encouraged to attend.*

**2:00 – 6:30 pm** HESI Annual Meeting Opening Plenary

**2:00 – 2:15 pm** **Welcome to Dublin, Chair's Remarks, and Meeting Overview** – *From HESI Chair, Dr. Ernie Harpur*

**2:15- 2:30** **State of the Organization** -- HESI's global impacts, progress, and future goals, *HESI Executive Director, Syril Pettit*

**2:30 – 2:35** **HESI Science Sampler – Key Achievements and Initiatives from 2016-17.** *Introduced by HESI President Tim Pastoor. (Committees represented: DART, Genomics, Anim Alts for Eco, PATC, EI, Neurotox)*

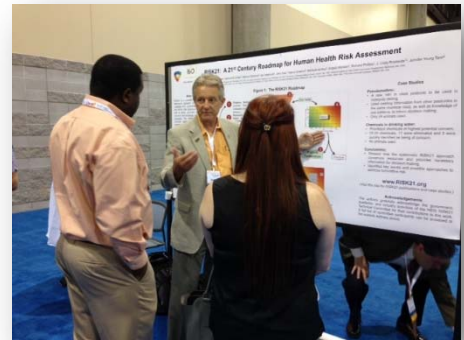
**2:35 – 3:00** Re-thinking DART assessment for chemicals and pharmaceuticals– Evolution or Revolution

**3:00 – 3:30** An Ecological Threshold for Toxicological Concern (Eco-TTC)

**3:30-4:00** Opening the Archives – Novel Methods for Interrogating FFPE Stored Tissues

**4:00 – 4:25** Creating a public resource for protein allergenicity assessment – COMPARE

**4:25 – 4:55** PBPK Models: Improving documentation and defining predictive capabilities



4:55 - 5:25 Towards Accessible Biomarkers of Neurotoxicity

5:25 – 5:45 Break, Grab a Glass of Wine, RETURN to Plenary Room

5:45 – 6:30 A Look Around the Corner – *Perspectives on upcoming research, priorities, and challenges from HESI science programs*. Committees represented: Genetox, ITC, Bioaccumulation, Risk21, CT-TRACS, Cardiac, Nephrotox, Frameworks for Non-Animal Testing, Sustainable Chemical Alts.

6:30 Welcome Reception with Dinner

WEDNESDAY JUNE 14, 2017

9:00 am – 11:00 am CITE Seminar - From Data to Knowledge: *Innovators in data analytics and application across human and environmental health*.

- **Manasi Nandi, PhD** – Kings College London (Math modeling of complex biological systems data to enhance predictive evaluation of adverse effects).
- **Dr. Louise Horsfall**, Senior Lecturer, School of Biological Sciences, University of Edinburgh, Recipient of the 2015 Chancellor's Rising Star Award, Co-Director for Center for Science at Extreme Conditions.
- **Prof. Ran Balicer, MD, PhD, MPH**, Director, Health Policy Planning, Clalit Health Services, Director, Clalit Research Institute, Public Health Dpt, Ben-Gurion University of the Negev, Chair, Israel Society for Quality in Healthcare, Israel Medical Association

11:00 – 11:30 AM Break

11:30 am – 1:00 PM Future Science at HESI

- **HESI's Science Foresight Efforts** – Dr. Lois Lehman-McKeeman, HESI Vice Chair
- **Future Science Panel Discussion** – What is future science, how do we predict it, what to do about it? Future Science Panel: What is it, how do we predict it, what to do about it? *Perspectives from international organizations who conduct scientific foresight exercises*
  - International Council for Science (ICSU) – Dr. Lucilla Spini, Head of Science Programmes.
  - *Additional panelists tbd*



### **1:00 – 2:15 PM HESI Scientific Committee Leadership Recognition Luncheon**

Join us in recognizing the outstanding contributions of our volunteer leaders who help shape the future and impact of HESI's scientific initiatives. *All HESI Scientific Committee Chairs encouraged to attend. All meeting participants invited to participate in luncheon.*

### **2:30 – 5:30 Emerging Issues Session**

- Update on HESI's Newest Scientific Programs
  - *Microbiome-based Biomarkers*
  - *Cell Therapy Tracking and Safety*
  - *Frameworks for Intelligent Non Animal Methods for Safety Assessment*
  - *New Projects Launched/Under Discussion in HESI Standing Committees & Opportunities for Involvement*
- Presentation of New Project Proposals for 2018
  - Improving fate and ecotoxicity assessment tools to advance the ecological risk assessment of difficult to test multi-component substances
  - Development and Application of a Generic Tool for Performing Ecological Risk Assessments of Multiple Stressors
- *Future Science Panel Hot Topics Discussion: What is the role for a multisector, multidisciplinary organization in development, analysis, and use of high density data sets for to make human and environmental health decisions and conclusions? Panelists tbd.*

### **8:00 – 11:30 PM Special Event – Reception Dinner at the Guinness Brewery**

JUNE 15, 2017

9:30 am – 11:30 am

**Science without Borders? The challenges and benefits of regional, national, and international science collaborations.** *Speakers from national and global science partnership and funding programs. Each panelist to provide 10-15 minute overview of their role and their organization's mission as a national/international/supra-national body. Then moderated panel.*

- NIH and Global Partnerships and Programs for Public Health – Dr. Paul Pearlman, National Cancer Institute, Science Policy Advisor
- International Council for Science (ICSU) – Dr. Lucilla Spini, Head of Science Programmes.
- Biotechnology and Biosciences Research Council, UK, Professor Melanie Welham, Chief Executive
- Innovative Medicines Initiative – Dr. Hugh Lavery - Head of Scientific Operations within IMI-JU
- United Nations Environment Program - Monika G MacDevette (PhD) - Deputy Director, Ecosystems Division, Nairobi, KENYA

11:30 am – 12:00 pm **Awards and Acknowledgements**

**Adjourn at 12:00 p.m.**

For more information contact [cnobles@hesiglobal.org](mailto:cnobles@hesiglobal.org)