



HESI ANNUAL MEETING  
JUNE 12-13, 2018  
***THE SCIENCE OF IMPLEMENTATION***

FAIRMONT WASHINGTON DC HOTEL  
2401 M STREET, NW, WASHINGTON, DC 20037, USA

TUESDAY JUNE 12, 2018

- 1:15– 6 pm HESI Annual Meeting Opening Plenary
- 1:15 – 1:25 pm Welcome and Chair's Remarks, and Meeting Overview – From HESI Chair, Dr. Ernie Harpur
- 1:25- 1:35 pm HESI and the Science of Implementation HESI Executive Director, Syril Pettit
- 1:35 –3:40 pm *Bringing Non-Animal Methods into Applied Practice* – Ongoing and Upcoming HESI efforts - Moderated by HESI Chair, Ernie Harpur.
- More, safer drugs to patients via novel and targeted in vitro assays for cardiac safety*
- Enhancing ecological health protection via computational approaches*
- Enhancing accuracy and efficiency in drug and chemical risk assessment - Pathway Based Genomic Markers*
- Break**
- Reducing risks to patients involved in clinical trials – A HESI CRA study.*
- 3:40 – 4:20 pm *Implementing New Approaches to Fill Funding Gaps in R&D - Practitioner perspectives on 'impact investing', the 'valley of death', 'spurring innovation' and other 201 8 buzz words. John Parker, MBA, Founder & Managing Director, Springhood Impact Ventures.*
- 4:20 – 6:00 pm **Science Forward: Microbial Science and Human and Environmental Health** -Emerging Issues Proposal  
Microbial Testing and Health Risk Assessment
- Wastewater treatment systems as reservoirs of antibiotic resistant bacteria: Should we be concerned? Dr. Kimberly Gilbride, Ryerson University.*
- 6:00 pm **Meet the Speakers, Meet the Cmte Chairs, Meet the Staff – Brief Introduction to Facilitate Networking**
- 6:15 pm Welcome Reception for ALL with Dinner

WEDNESDAY JUNE 13, 2018

9:00 am – 10:30 am [Aligning Health Solutions with 'Real World Evidence' \(Part I\): Risk Frameworks for Protection of Public Health](#)

Puspo Edi Giriwono, PhD – Southeast Asia Food and Agricultural Science and Technology (SEAFASST) Center, Bogor Agricultural University (IPB), Bogor, Indonesia - [Probability scenario of 3-MCPD in fried chicken \(a RISK21 Case Study\)](#) - 25 min plus 10 min Q&A

Rose Omari, PhD - Science and Technology Policy Research Institute, Council for Scientific and Industrial Research, Accra, Ghana. [Risk assessment of aflatoxin in Weanimix \(cereal-legume complementary food\)](#) 25 min plus 10 min Q&A

*Panel Discussion 20 Minutes – Implementing Risk Assessment Tools that Span Geographic and Regulatory Borders: Opportunities and Challenges*

10:30 am – 10:50 am BREAK

10:50 am – 12:30 pm [Aligning Health Solutions with 'Real World Evidence' \(Part II\): Gathering and Using Data from Diverse Sources](#)

[Natural Language Processing \(NLP\) Approaches to Generating Actionable Knowledge from Across Published Literature & Unpublished Reports](#) - Taxiarchis Botsis, MS, PhD, Visiting Scientist, Office of Biostatistics & Epidemiology | Center for Biologics Evaluation and Research | FDA. (Confirmed). 25 min plus 10 min Q&A

[Implementing Health Information from Wearable Technology - Opportunities and Barriers](#) - Dr Lukasz Piwek | Lecturer in Data Science, University of Bath School of Management (confirmed) – 25 min plus 10 min Q&A

[Integrating Data into Health Decisions via Environmental Epidemiology – Intro to a New HESI Program- 20 min\)](#) – speaker tbd

12:30 pm – 2:00 pm [HESI Scientific Committee Leadership Recognition Luncheon](#) - All HESI Scientific Committee Chairs encouraged to attend. All meeting participants invited to participate in luncheon.

2:00 pm [Oncologic Therapy Safety Assessment: Making Patient Quality of Life an Active Research Priority](#)

Introduction – S Pettit

HESI 2017 THRIVE Grantees Presentation (25 min, plus 10 min for questions)

- Jennifer Jordan – PhD, Wake University School of Medicine
- Irina Budonova – MD, PhD – Northwestern University
- Barbarah Ehrlich, PhD – Yale University
- Noha Abdel-Wahab, MD, PhD - UT MD Anderson Cancer Center

4:20pm [Awards and Recognitions](#)

4:45 pm [Adjourn](#)

6:00 pm – 8:00 pm [Speaker Dinner w Executive Committee \(Invitation only\)](#)