



## July Insights



### Annual Activities Report

Each year, HESI publishes a report that summarizes program accomplishments and future goals. We are happy to share the [2016–2017 Activities Report](#), which features all 15 HESI scientific committees and our new 2016–2020 strategic plan. Past reports are also available [online](#).

To learn more or share feedback, e-mail HESI ([hesi@hesiglobal.org](mailto:hesi@hesiglobal.org)).

### Upholding Standards of Rigor and Quality at HESI

A new resource document outlining HESI's commitment to transparent, rigorous, and quality science is now available [online](#).

### HESI 2017 Emerging Issues Prioritization Survey Deadline Extended!



HESI Emerging  
Issues Process

The [Emerging Issues \(EI\) Proposal Solicitation Process](#) is HESI's longest-standing project recruitment and adoption process. This year's proposals, linked below, were presented at the June 2017 HESI Annual Meeting. We now invite all HESI stakeholders to submit a survey to help us prioritize the two topics:

1. Improving fate and ecotoxicity assessment tools to advance the ecological risk assessment of difficult to test multi-component substances
2. Development and application of a generic tool for performing ecological risk assessments of multiple stressors

Presentations from the meeting and full proposals are available for [review online](#). [Submit your survey](#) by **18 August 2017**! Questions? Contact Jennifer Pierson ([jpierson@hesiglobal.org](mailto:jpierson@hesiglobal.org)).

### RISK21 Part of Erasmus+ Training Course at University of Milan

HESI's RISK21 program was a module in a week-long risk assessment training course held at the University of Milan as part of the [Erasmus+ EU project](#), which is an EU program for education, training, youth, and sport. Drs. Angelo Moretto and Francesca Metruccio (University of Milan) taught the 1-day RISK21 course,

which consists of hands-on case study work using the RISK21 approach and web-based tool.

The course was attended by 22 participants from Schools of Public Health in their own countries, including 15 full and associate professors and 7 junior scientists/PhD students. Eight attendees were from Kyrgyzstan, six were from Kazakhstan, six were from Tajikistan, and two were from India. The course was extremely well received and was graded as one of the highest modules of the week-long course. Discussions about integrating RISK21 into a 2-week residential course next year in Kyrgyzstan are ongoing.

HESI extends many thanks to Drs. Moretto and Metruccio for their outreach and training efforts!



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## Upcoming Events

### Attending the ACS National Meeting in Washington, DC, in August?

The [254th American Chemical Society National Meeting](#) will be held in Washington, DC, on **20–24 August 2017**. Stop by poster ENVR 420 (“Best practices for addressing human health and environmental data gaps in an alternatives assessment context”) to talk with Dr. Jennifer Tanir ([jtanim@hesiglobal.org](mailto:jtanim@hesiglobal.org)) and learn more about the HESI Sustainable Chemical Alternatives Committee and its data gaps project. This poster will be presented in the Division of Environmental Chemistry (ENVR) general poster session on Wednesday, **23 August 2017**, from 6:00 to 8:00 PM (Hall D, Walter E. Washington Convention Center).

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## New Publications

**Awarded as Editor’s Choice:** Dearfield KL, Gollapudi BB, Bemis JC, Benz RD, Douglas GR, Elespuru RK, Johnson GE, Kirkland DJ, LeBaron MJ, Li AP, Marchetti F, Pottenger LH, Rorije E, Tanir JY, Thybaud V, Benthen Jv, Yauk CL, Zeiger E, Luijten M (2017) Next generation testing strategy for assessment of genomic damage: a conceptual framework and considerations. *Environ Mol Mutagen*. 58:264–283.

[Read More](#)

Scialli A, Clark R, and Chapin R (2017) The predictivity of non-clinical male reproductive findings for human effects. *Birth Defects Research*. Accepted.

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## FROM THE PRESIDENT

As I practiced the Irish word “slainte” (which means “cheers”) over another very important sampling of Guinness beer in Dublin, I was struck by the similarities between the current Ireland and HESI. With our

annual meeting in Dublin, we had a front-row seat on the vibrancy and growth of a talented and forward-thinking nation. There is a firm commitment by the Irish to be a country where business, science, art, and freedom of expression can thrive while juxtaposed with the charming elements of traditional music and the clear memory of struggle for independence and identity. Likewise, HESI is building on a long history of competence and performance, yet looking for new ways to vault into the future. I believe our annual meeting program reflected that view, with a focus on cutting-edge science and how HESI is ideally positioned to meet the needs of collaboration in science. Updates on HESI projects were crisscrossed with stimulating presentations by invited speakers who described research that ranged from applications of CRISPR technology to harnessing voluminous cardiac data to quickly predict sepsis. In addition, we devoted an entire morning to "Science Without Borders," where invited speakers from global institutions painted a picture of how they engage scientists to help resolve global health and environmental challenges. This is where HESI is and where HESI is going. Indeed, the future looks bright for HESI—and Ireland. Slainte!



Tim Pastoor, HESI President

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