M-CERSI "America's Got Regulatory Science Talent" Competition



"Virtual-Visit" to FDA

James E. Polli

Shangraw/Noxell Professor Dept. Pharmaceutical Sciences University of Maryland, Baltimore

William E. Bentley

Robert E. Fischell Distinguished Chair Director, Fischell Institute for Biomedical Devices University of Maryland, College Park



Background

- 10th annual event held on Feb 4 2022
- To promote student interest in regulatory science the science of developing new tools, standards and approaches to assess the safety, efficacy, quality and performance of FDA-regulated products
- Each team presents a proposed solution to a current problem in regulatory science that they identify
- Evaluation
 - Proposed solution: novelty and potential significance. Short-term feasibility is a plus, but not a requirement
 - Presentation quality: verbal communication, visual communication, impact of any AV materials or demonstrations, and Q&A responses



Top teams

- "AcetaSAFE" Iulia Opran, Chenchu Vignesh Pernati, and Belinda Tamrakar
 - Developing a QR code on the acetaminophen OTC and prescription medications.
- Keeping Blood Glucose SweetNLow Joanna Shaju, Rebecca Faulkner, Sumbel Malik, Ivan Jay Bauzon, and Sabrina Wang
 - Optimizing continuous glucose monitoring devices by incorporating patient-centered outcomes research prompts.



Thank you

- Thanks to FDA judges
 - Roberta Glass, Albert Rodriguez and Benjamin Sommerkorn
- Links
 - https://cersi.umd.edu/news/story/mcersi-celebrates-10thannual-regulatory-science-competition
 - https://news.pharmacy.umaryland.edu/m-cersi-celebrates 10th-annual-regulatory-science-competition/

