Translational Research Communities
ICTR Information Session
February 2, 2015
Kelly E. Crowley, Program Administrator
Overall Goal

• Improve quality, innovation and impact of translational research
• Increase the value of individual and team research and further their translational abilities
• Promote interdisciplinary research bringing multiple experts together to solve important problems
• Develop our next generation of translational researchers
Three Communities

• Lead by Dr. Elizabeth Jaffee

• Drugs/Devices/Biologics/Vaccines
  — Barbara Slusher, PhD, MAS (Drug Development)
  — Clifford Weiss, MD (Devices)

• Biomarkers and Diagnostic Testing
  — Marty Pomper, MD, PhD (Imaging)
  — Elizabeth Selvin, PhD, MPH (Biomarker Analysis – Epidemiology)

• Behavioral, Social and Systems Sciences
  — Felicia Hill Briggs, PhD, ABPP (Behavioral Medicine)
  — Jill Marsteller, PhD, MPP (Psychosocial Traits and Quality Improvement)
The ABCs of TRCs

• Each will span the entire translational pathway from basic discovery to full implementation in the community

• Each TRC will have one or two advisory board meetings per year; will identify important areas in need of attention and possible ways to provide JH researchers with new information and training activities

• Each TRC will have half-day symposium focused around the identified problems, bringing investigators from the entire institution together to discuss and address the issues at hand

• Develop a series of educational and training opportunities that will disseminate new approaches and methodologies that facilitate translational research

• Each community will bring together members from all JHU schools, industrial partners, technology licensing experts, and regulatory experts, to “attack” identified translational problems
TRC Symposia

• Goal to provide faculty and staff with information about the TRCs and other resources offered by the ICTR; Presentations representing successfully translated technologies, and exciting research in each respective TRC; Announcement of upcoming RFA; Venue for people to make new connections

• Drugs/Biologics/Vaccine/Devices: “Drug Delivery Research across the Translational Pathway,” July 9, 2014

• Biomarkers and Diagnostic Testing Symposium: “The Importance of Secondary Data Analyses in the New Era of Biomarker and Diagnostic Imaging,” July 14, 2014,

• Behavioral, Social and Systems Science: “Integrating Research into the Health System,” September 14, 2014
Targeted Funding

• Each TRC has $100,000 in pilot funding to facilitate the initiation of multidisciplinary translational projects

• Grants aim to bridge research gaps in a specifically identified areas of interest

• Awards will help investigators to advance along the translational pathway, bridging a pivotal moment in their work, propelling investigators forward

• $100K/12 months; no indirects, no cost extensions; salary support permitted, one award per TRC

• Priority for funding given to projects that demonstrate how the results will lead to direct translation or future grant funding (R01 or similar)
Nexus Award for Innovations in Drug Delivery

• Focus on addressing the drug delivery problem by encouraging applicants to develop innovative approaches, technologies, tools, and methods that will result in new drug delivery systems and devices.

• Awardee: Lloyd Miller- “An Electrospun Polymer Implant Coating as a Tunable Antimicrobial Release Delivery System to Prevent Prosthetic Joint Infections”
Nexus Award for Secondary Data Analyses of Biomarkers Relevant to Cardiovascular Disease, Kidney, Diabetes or Related Disorders

- Provide funds for innovative, efficient, and translational research related to biomarkers or diagnostic tests using primarily existing data sources and/or stored biospecimens.
- Leverage existing data that may have been created for one purpose but can be re-used to answer important clinical questions related to biomarkers and diagnostic tests.
- Awardee: Mariana Lazo-Elizondo – “Pilot Study of the Short and Long-term Effects of an Intensive Lifestyle Intervention on Nonalcoholic Fatty Liver Disease among Adults with Type 2 Diabetes”
TRC Seminar Series

• Monthly lunchtime seminar with a rotating platform. Some months topics will be more specific to one community, while at other times we will feature more global issues

• One hour presentation followed by Q&A; a short presentation about an ICTR resource or service; and “meet the experts” round robin sessions to take place during lunch

• Focus on how researchers overcame hurdles; how people have used the ICTR to further research
Future Topics for Info Session

• March 2, 2015 – *Research Ethics Consultation Service* – Dr. Holly Taylor

• April 6, 2015 – *Biostatistics Consulting Services* – Karen Bandeen Roche, Constantine Frangakis, Martin Lindquist, & Gayane Yenokyan

• Please make suggestions!
Data Managers Interest Group

• Goals:
  — Create an environment where data managers from throughout Johns Hopkins can meet to share expertise and discuss the challenges of their unique roles within the research enterprise.
  — Foster a cohesive cross-campus identity and form new working relationships.

• Hour-long monthly meetings

• Best Practices Initiative - working groups were established to discuss and decide upon institutional recommendations
  — Data Sharing and Archiving Working Group – Betsy Gunia
  — Data Management Planning, Backup & Security - Scott Carey
Thank you!

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