Johns Hopkins Individualized Health Initiative (Hopkins inHealth)

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Opportunities For You Through *in*Health

Support your research through pilot funding

Help you develop partnerships with JHMI clinical investigators

Assist you with accessing JHMI data

Provide you with technical assistance for challenges of conducting health-related research (e.g., bioethics)
Who We Are

A collaboration between the University, the Johns Hopkins Health System, and the Applied Physics Laboratory

Leadership

Director – Scott Zeger (BSPH)
Co-Director – Mary Cooke (JH HealthCare)
Co-Director – Ken Pienta (SOM)
Program Director – Darcy Phelan-Emrick (BSPH)

Steering Committee and Oversight Committee
What We Do

Promoting the intelligent use of information to individualize and integrate health care

Providing the right care to the right person at the right time

Utilizing a broad array of data to provide each person with integrated, customized care that is effective, safe, preventively focused, affordable
Example: Autoimmune Disease Trajectory

Scleroderma (chronic autoimmune disease)
- Progression varies widely between patients

Collaboration between machine learning scientist (Suchi Saria) and clinical investigators (Laura Hummers, Antony Rosen) on data analysis

20 years longitudinal data for > 3,100 patients

Awarded National Science Foundation funding
Example: Cystic Fibrosis Measurement

Cystic Fibrosis (genetic disease, affects lungs)
- Highly variable disease trajectory

Archaic sweat test as “gold standard” for > 50 yrs

Collaboration between INBT investigator (Peter Searson) and clinical investigator (Garry Cutting) to develop wearable device to replace sweat test

Hiring of post-doctoral fellow
Pilot Funding Process

RFA to be released within 3 months

**Phase 1**
- Award 8 pilot applicants with $50K for 8 months
- Pilots that meet their defined goal at the end of 8 months receive $25K for additional 4 months
- Potential funding per pilot = $75K over 1 year
- Pilots that successfully complete Phase 1 are eligible to apply for continued funding (Phase 2)
Phase 2
• Award 3-5 pilot applicants with $100K - $150K for 12 months
• Requirements
  – Implementation of pilot solution at Johns Hopkins by end of Phase 2
  – Submission of external funding application

Total potential funding through Phases 1 and 2 = $175K - $225K over 2 years
How To Get Involved

Apply to become a member of the Hopkins *in*Health community

- Visit http://hopkinsinhealth.jhu.edu/
- Click “Join Us” and follow instructions

Benefits of Hopkins *in*Health membership

- Eligibility for forthcoming pilot funding
- Updates on research findings, news, etc.
- Development of partnerships/access to data
Thank You

Hopkins *in*Health
http://hopkinsinhealth.jhu.edu/

Click “Join Us” to apply for membership

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