2017 CWRU ICB ANNUAL SYMPOSIUM AKA THE NORTH COAST CONFERENCE ON PRECISION MEDICINE



September 28, 2017

Dana C. Crawford, PhD
Associate Professor
Population and Quantitative Health Sciences
Institute for Computational Biology

PRECISION MEDICINE THE CONCEPT



Lancet 385:2448-2449 (2015)

- Launched January 20, 2015
- 2016 budget of \$215M









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PRECISION MEDICINE THE CONCEPT



Right Drug

Right Patient





Right Dose

First Time



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https://www.nhlbi.nih.gov/research/resources/nhlbi-precision-medicine-initiative



http://www.ourhealthycommunity.com/Our-Campaigns/Precision-Medicine-Initiative-Center





The Precision Medicine Initiative Cohort Program – Building a Research Foundation for 21st Century Medicine

Precision Medicine Initiative (PMI) Working Group Report to the Advisory Committee to the Director, NIH

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September 17, 2015

AllofUs RESEARCH PROGRAM joinallof s.org

(Photo credit: Dr. Janina Jeff at the 2017 New Balance Bronx 10 Mile)

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Precision Medicine Potential in CLE







PRESENT-DAY PROBLEMS AND POTENTIALS FOR PRECISION MEDICINE (2015) AND WORKSHOP

PUTTING THE PIECES TOGETHER: PRECISION MEDICINE DISCOVERY FROM ELECTRONIC HEALTH RECORDS



- EHRs and Genomics
- Precision Medicine in CLE
- Big Data, Big Problems, and Big Potential
- Genomic Clinical Decision Support
- Precision Medicine in Asthma
- Health Disparities
- Extracting Data from EHRs



Precision Medicine For All Ensuring Diversity in Participants and in Practice (2016)

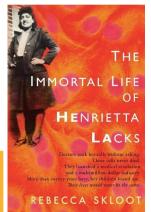


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- Diversity in Precision Medicine
- Genetics and Public Attitudes
- Outreach experiences in CLE
- EHRs
- Biorepositories in US Territories
- Statistical Approaches and Diversity
- Pharmacogenomics
- Participation in Biomedical Research

BEING PRECISE IN PRECISION MEDICINE MEASURING EXPOSURES IN DIVERSE POPULATIONS (2017) AND WORKSHOP

STRATEGIES FOR ENHANCING THE VALUE AND UTILITY OF RESEARCH THROUGH EHRS



- Air Pollution
- Physical Activity
- GxE Studies
- EHR Data Extraction
- Variable Harmonization
- Stress Exposure and Disparities
- CLE Cigar and Cigarillo Use



Being Precise in Precision Medicine Measuring Exposures in Diverse Populations (2017)



Poster and networking Foyer 10:15 – 11:15 am



Lunch Foyer and Ballroom A Noon



Workshop on EHRs Ballroom A 12:30-2:30 pm



TRAVEL AWARDEES (NIH/NHGRI R13HG009481)





SYMPOSIUM LOGISTICS



Reception
5:00 - 7:00 pm(ish)
Smith Commons Area
(downstairs)



SYMPOSIUM LOGISTICS



Parking vouchers available for Lot 29



SOCIAL MEDIA





Institute for Comp Biology, Sep 22, 12:32 PM Remove

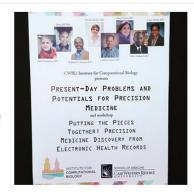






#ICBSymposium

Institute for Comp Biology, Sep 22, 6:01 PM Remove



A day well-spent! #icbsymposium

Jessica Cooke Bailey, Sep 22, 4:55 PM Remove





Getting instructions from Dr. Pendergrass on the e-phenotyping workshop. #icbsymposium

SOCIAL MEDIA

#ICBSymposium

Instagram

Q Search









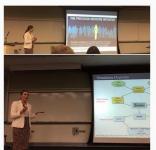


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We're on Instagram!



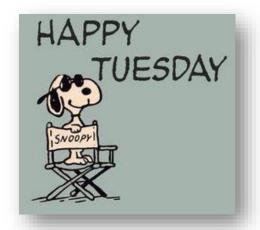
SYMPOSIUM LOGISTICS







SPECIAL THANKS



Tuesday Gibson Administrative Assistant



Will Bush, PhD, MS
Director of Visual Communications





Jessica Cooke Bailey Assistant Professor

