IHCC Q4 Members Virtual Workshop
November 3 – 4, 2021
(Updated 27-Oct-2021)

Wednesday, November 3, 2021

**Workshop Welcome and Introduction**

11:00 – 11:20 UTC  
*Day 1 Welcome and Strategic Plan Update*  
Geoffrey Ginsburg, MD, PhD  
Duke University Center for Applied Genomics & Precision Medicine, USA  
Peter Goodhand  
Global Alliance for Genomics & Health, Canada

**IHCC Funded Project Presentations**  
*Chair: Nicky Mulder, PhD*

11:20 – 11:25 UTC  
*Introduction*  
Nicky Mulder, PhD  
University of Cape Town, South Africa

11:25 – 11:30 UTC  
*Project 1: BMI and Colorectal Cancer Development*  
David Hughes, BSc, PhD, PGDE  
University College Dublin, Ireland

11:30 – 11:35 UTC  
*High-Throughput Metabolomic Biomarker Measures in Diverse Ancestries*  
John Connolly, PhD  
Center for Applied Genomics, USA

11:35 – 11:40 UTC  
*Opioid Cohort Consortium (OPICO) to Investigate the Effects of Regular Opioid Use on Mortality and on Cancer Development*  
Mahdi Sheikh, MD, PhD  
International Agency for Research on Cancer, World Health Organization, France

11:40 – 11:45 UTC  
*Project 4: COVID and Mental Health*  
Sarah Bauermeister, MSc, PhD  
University of Oxford, UK

11:45 – 11:50 UTC  
*Novel Coronavirus Host Genomic Study - South Africa COVIGen-SA*  
Michèle Ramsay, PhD  
University of the Witwatersrand, Johannesburg, South Africa

11:50 – 11:55 UTC  
*Project 6: COVID Biospecimen Collection Asia*
Ananya Gupta, PhD
Imperial College London, UK

11:55 – 12:00 UTC  Project 7: Davos Alzheimer’s Collaborative (DAC) — Foundational Phase
Rhoda Au, PhD
Boston University Schools of Medicine and Public, USA

12:00 – 12:05 UTC  Project 8: Polygenic Risk Scores (PRS) Projects for IHCC and DAC
Patrick Sleiman, PhD
Center for Applied Genomics, USA

12:05 – 12:25 UTC  Live Panel Discussion

12:25 – 12:40 UTC  BREAK

Working Group High Level Overviews
Chair: Scott Sundseth, PhD

12:40 – 12:45 UTC  Introduction
Scott Sundseth, PhD
IHCC, USA

12:45 – 12:55 UTC  Training and Workforce Working Group
Paballo Chauke, MSc
H3ABioNet, South Africa
Albert Tenesa, PhD
The University of Edinburgh, UK

12:55 – 13:05 UTC  Data Interoperability and Infrastructure Working Group
Philip Awadalla, PhD
Ontario Institute for Cancer Research, Canada
Thomas Keane, PhD
European Bioinformatics Institute (EMBL-EBI), UK

13:05 – 13:15 UTC  Policy and Systems Working Group
Laura Lyman Rodriguez, PhD
PCORI, USA
Nicki Tiffin, PhD
CIDRI-Africa/Computational Biology Division, University of Cape Town, South Africa

Hákon Hákonarson, MD, PhD
Children’s Hospital of Philadelphia, USA
Adam Butterworth, PhD
University of Cambridge, UK

13:25 – 14:10 UTC  Working Group Strategic Planning Implementation Breakouts
Led by the IHCC Working Group Co-chairs (Zoom Breakouts)

14:10 – 14:25 UTC  BREAK

14:25 – 14:50 UTC  Working Group Report Back
14:25 – 14:30 UTC  Introduction  
Scott Sundseth, PhD

14:30 – 14:35 UTC  Training and Workforce Working Group  
Paballo Chauke, MSc  
Albert Tenesa, PhD

14:35 – 14:40 UTC  Data Interoperability and Infrastructure Working Group  
Philip Awadalla, PhD  
Thomas Keane, PhD

14:40 – 14:45 UTC  Scientific Strategy and Cohort Enhancement Working Group  
Hákon Hákonarson, MD, PhD  
Adam Butterworth, PhD

14:45 – 14:50 UTC  Policy and Systems Working Group  
Laura Lyman Rodriguez, PhD  
Nicki Tiffin, PhD

14:50 – 14:55 UTC  Day 1 Summary  
Peter Goodhand  
Global Alliance for Genomics & Health, Canada

Thursday, November 4, 2021

Welcome Day 2 and Update on the NIH DS-I Africa Grant

11:30 – 11:35 UTC  Welcome  
Geoffrey Ginsburg, MD, PhD  
Duke University Center for Applied Genomics & Precision Medicine, USA

11:35 – 11:45 UTC  NIH DS-I Africa Grant  
Nicky Mulder, PhD  
University of Cape Town, South Africa

Race, Ethnicity, and Ancestry Presentations  
Chair: Philip Awadalla, PhD

11:45 – 11:50 UTC  Introduction  
Philip Awadalla, PhD  
Ontario Institute for Cancer Research, Canada

11:50 – 11:55 UTC  Presentation 1  
Shawneequa Callier, MA, JD  
The George Washington University, USA

11:55 – 12:00 UTC  Presentation 2  
Mélanie Courtot, PhD  
European Bioinformatics Institute (EMBL-EBI), UK
12:00 – 12:30 UTC  Live Panel Discussion

Environmental and Climate Data Capture Presentations
Chair: Kyle Messier, PhD

12:30 – 12:35 UTC  Introductions
Kyle Messier, PhD
National Institute of Environmental Health Sciences, USA

12:35 – 12:40 UTC  Presentation 1
Alison Motsinger-Reif, PhD
National Institute of Environmental Health Sciences, USA

12:40 – 12:45 UTC  Design and Analysis of Longitudinal Population Studies for Climate-Health Research
Peter Diggle, PhD
Lancaster University, UK

12:45 – 13:15 UTC  Live Panel Discussion

13:15 – 13:30 UTC  BREAK

Funding Opportunities/Resource Presentations
Chair: Patrick Tan, MD, PhD

13:30 – 13:35 UTC  Introductions
Patrick Tan, MD, PhD
Precision Health Research (PRECISE), Singapore

13:35 – 13:40 UTC  Presentation 1
Bruna Galobardes, MBBCh, PhD, MPH
Wellcome Trust, UK

13:40 – 13:45 UTC  Presentation 2
Jonah Cool, PhD
Chan Zuckerberg Initiative, USA

13:45 – 13:50 UTC  NIH Funding History & Future Opportunities
Rongling Li, MD, PhD, MPH
National Human Genome Research Institute, USA

13:50 – 14:20 UTC  Live Panel Discussion

14:20 – 14:35 UTC  Workshop Summary
Geoffrey Ginsburg, MD, PhD
Duke University Center for Applied Genomics & Precision Medicine, USA