



# 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

**13:15 – 13:25 UTC**      **Scientific Strategy and Cohort Enhancement Working Group**  
*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