Genome Sciences Seminar Series  
**Spring 2023**

**Wednesdays 1-2pm Eastern**  
**Pinn Hall Room 1017**  
or via Zoom

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**Feb 1**  
**Keith L. Keene, PhD, CPHG New Faculty Member, University of Virginia**  
The Center for Health Equity and Precision Public Health (CHEPPH) - Striving to Achieve Health Equity Through Integrative Precision Medicine and Public Health Approaches

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**Feb 8**  
**Yaohua Yang, PhD, CPHG New Faculty Member, University of Virginia**  
Investigating Microbiome and Host Multi-omics Data to Identify Cancer Risk Factors

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**Feb 15**  
**Chris Gignoux, PhD, University of Colorado**  
Population Health at Scale in the Biobank at the Colorado Center for Personalized Medicine

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**Feb 22**  
**Shamil Sunyaev, PhD, Harvard University**  
Statistics, Biology, and Applications of Human Mutation

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**Mar 1**  
**Canceled**  
**Sana Syed, MD, University of Virginia**  
Precision Medicine Against IBD: The Future of AI and -omics Analyses in Pediatric Medicine

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**Mar 8**  
No Seminar - Spring Break

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**Mar 15**  
**Slavé Petrovski, PhD, Centre for Genomics Research, AstraZeneca**  
An Industry Genomics R&D Perspective from AstraZeneca’s Genomics Initiative  
Via Zoom: [https://virginia.zoom.us/j/97362773490?pwd=ZDhZUHRFTXNDQkl2VmhvZElxVXBlUT09](https://virginia.zoom.us/j/97362773490?pwd=ZDhZUHRFTXNDQkl2VmhvZElxVXBlUT09)  
Meeting ID: 973 6277 3490  
Password: 486527

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**Mar 22**  
**Masanori Aikawa, MD, PhD, Harvard University**  
Macrophage Activation and Heterogeneity in Vascular Disease: A Systems Approach

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**Mar 29**  
**Maria Gutierrez-Arcelus, PhD, Harvard University**  
Finding the Missing Regulatory Effects of Immune-mediated Disease Risk Variants in Activation Cell States

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**Apr 5**  
**Saurabh Kulkarni, PhD, University of Virginia**  
Precision Medicine of Birth Defects: Progress and Challenges

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**Apr 12**  
**Neil Hanchard, MBBS, DPhil, National Human Genome Research Institute**  
Deploying Human Genomics to Inform Childhood Global Health Disorders

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**Apr 19**  
**Sara Mostafavi, PhD, University of Washington**  
Sequence-based Deep Learning Models for Understanding Gene Regulation and Disease  
Via Zoom: [https://virginia.zoom.us/j/96908401909?pwd=dDiCc0JBVHVBuVGbXhVZEVtQXR2d09](https://virginia.zoom.us/j/96908401909?pwd=dDiCc0JBVHVBuVGbXhVZEVtQXR2d09)  
Meeting ID: 969 0840 1909  
Password: 848138