

Join us for our third Biomedical Big Data Summer Bootcamp hosted jointly by New York City College of Technology, CUNY and Weill Cornell Medicine, Cornell University from July 20th to July 31st, 2020. All lectures will be held on Zoom, and meeting details will be sent to participants upon registration. Schedule follows below. For other questions please contact us at bigdata@citytech.cuny.edu

[Click Here To Register](#)

MONDAY, JULY 20

9:00AM – 12:00PM

Topic Smart Technologies, Smart Health: Opportunities and Challenges for Digital Health Tools

Ruth Masterson Creber, Ph.D., M.Sc.

Assistant Professor of Healthcare Policy and Research
Weill Cornell Medicine

TUESDAY, JULY 21

9:00AM – 12:00PM

Human Factors in Health Information Technology

Jessica Ancker, Ph.D., M.P.H.

Associate Professor of Healthcare Policy and Research
Department of Healthcare Policy and Research
Weill Cornell Medicine

WEDNESDAY, JULY 22

9:00AM – 12:00PM

Evolutionary Genomics of Microbial Pathogens

Weigang Qui, Ph.D.

Professor, Department of Biological Sciences
Hunter College of the City University of New York

THURSDAY, JULY 23

11:00AM – 12:00PM

Introduction to Big Data at the Englander Institute for Precision Medicine

Olivier Elemento, Ph.D.

Associate Professor, Walter B. Wriston Research Scholar;
Head, Laboratory of Cancer Systems Biology; Director,
Englander Institute for Precision Medicine; Associate

12:00PM – 1:00PM

Pushing the Boundaries of Precision Medicine: the Weill Cornell Medicine Experience

Andrea Sboner, Ph.D.

Department of Pathology and Laboratory Medicine,
Institute for Computational Biomedicine; Director of
Informatics and Computational Biology, Englander
Institute for Precision Medicine

FRIDAY, JULY 24

11:00AM – 12:00PM

Introduction to Computational Modeling

Trine Krogh-Madsen, Ph.D.

Assistant Research Professor of Physiology in Medicine;
Assistant Research Professor of Computational
Biomedicine, Weill Cornell Medicine; Director, M.S. Program
in Computational Biology; Director, Weill Cornell Graduate
School of Medical Sciences

12:00PM – 1:00PM

XR in Medicine

Alexandros Sgaras

Assistant Professor of Research in Physiology and
Biophysics, Assistant Professor of Research in
Computational Biomedicine; Director, AI-XR Lab
Englander Institute for Precision Medicine

MONDAY, JULY 27

11:00AM — 12:00PM

Large-scale Genomic Data Management

Doron Betel, Ph.D.

Assistant Professor of Research in Physiology and Biophysics, Assistant Professor of Research in Computational Biomedicine; Director, AI-XR Lab
Englander Institute for Precision Medicine

12:00PM — 1:00PM

Systems Metabolomics Approaches for Complex Data Analysis

Jan Krumsiek, Ph.D.

Assistant Professor of Physiology and Biophysics; Assistant Professor of Computational Genomics in Computational Biomedicine, Institute for Computational Biomedicine

FRIDAY, JULY 31

10:00AM — 11:00AM

Patient-specific Regulatory Networks

Erica Xu, Ph.D.

Postdoctoral Associate, Ekta Khurana Lab
Weill Cornell Medicine

11:00AM — 12:00PM

Precision Medicine for Astronauts and COVID Patients

Christopher E. Mason, Ph.D.

Associate Professor, Department of Physiology and Biophysics, Weill Cornell Medicine; Director, WorldQuant (WQ) Init. for Quantitative Prediction & WQ Scholar; Fellow, Information Society Project, Yale Law School



Big Data in
Biomedical
Informatics



National Institutes of Health

Organized by New York City College of Technology (CityTech), CUNY and Weill Cornell Medicine, Cornell University.

For more information please visit, bigdata.citytech.cuny.edu