

2017 CIAPM meeting October 12 & 13, La Jolla, CA

[San Diego Marriott La Jolla](#)

California has made a strong commitment to precision medicine, launching CIAPM in 2015. Our goal for the initiative, and specifically for the annual meeting, is to build community amongst California's thought leaders and stakeholders in precision medicine, to help them discover and pursue opportunities in precision medicine.

The focus of this year's annual meeting is on data -- data needs, safe and effective data sharing, transformative technologies and ethical considerations in data generation and use.

October 12, 2017

9:30 AM	Registration — Coffee and light breakfast
10:00 AM	Welcome and Introductory Remarks <ul style="list-style-type: none"> • Atul Butte, MD, PhD, Director, Institute for Computational Health Sciences, UCSF, CIAPM Principal Investigator • David Brenner, MD, Vice Chancellor for Health Sciences and Dean of the School of Medicine, UCSD
10:30 AM	Session 1: Overview of the Data Landscape in Precision Medicine – The changing paradigm <ul style="list-style-type: none"> • Atul Butte, MD, PhD, Director, Institute for Computational Health Sciences, UCSF, CIAPM Principal Investigator
10:45 AM	Session 2: Data needs for Precision Medicine <i>Overview of data landscape (especially in California), types of data, sources of data needed and available – Importance of integration of several data sources for discovery and application</i> <p>Session Moderator: Jill Mesirov, PhD, Associate Vice Chancellor for Computational Health Sciences, UCSD, Member of CIAPM Academic Committee</p> <p>Speakers / panelists:</p> <ul style="list-style-type: none"> • Tom Insel, MD, Founder and President, Mindstrong Health • Arash Naeim, MD, PhD, CMO Clinical Research, UCLA • Neal Halfon, MD, MPH, Founding Director Center for Healthier Children, Families and Communities, UCLA • Dawn Barry, MBA, VP, Applied Genomics, Illumina <p>Discussion: <i>What are the problems and potential solutions – technical, cultural, policy, regulatory?</i></p>
Short talks and panel discussion	



12:15 PM	<p>CIAPM Demonstration Project: <i>Early Prediction of Major Adverse Cardiovascular Events Using Remote Monitoring</i></p> <ul style="list-style-type: none">• Brennan Spiegel, MD, MSHS, Director of Health Services Research, Cedars-Sinai Medical Center
12:30 PM	<p>Lunch and Networking</p>
1:15 PM	<p>CIAPM Demonstration Project: Personal Mobile and Contextual Precision Health</p> <ul style="list-style-type: none">• Nicholas Anderson, MS, PhD, Director of Informatics Research, UC Davis
1:30 PM	<p>Session 3: Data needs for Precision Medicine – continued <i>Building cohorts/ resources of data, making use of California’s data – opportunities and barriers</i></p> <p>Session Moderator: Kelsey Martin, MD, PhD, Dean, David Geffen School of Medicine, UCLA, Member of CIAPM Academic Committee</p> <p>Short talks and panel discussion</p> <p>Speakers / panelists:</p> <ul style="list-style-type: none">• Claudia Williams, MS, CEO Manifest MedEx• Hoda Anton-Culver, PhD, Professor & Chair, Epidemiology, School of Medicine, UC Irvine; Co-PI, AllofUS- California Consortium• Sumitra Muralidhar, PhD, Director, Million Veteran Program, Veterans Affairs <p>Discussion: <i>What are the opportunities? Barriers to access and use? How can cohort/data be enabled / accelerated? Potential solutions – technical, cultural, policy, regulatory?</i></p>
3:00 PM	<p>CIAPM Demonstration Project: Precision Medicine for MS: Making It Work</p> <ul style="list-style-type: none">• Riley Bove, MD, Assistant Professor, UCSF
3:15 PM	<p>Afternoon Break and Networking</p>



<p>3:45 PM</p> <p>Short talks and panel discussion</p>	<p>Session 4: Enabling Safe and Effective Data Sharing</p> <p><i>Changing the Culture - what are barriers and how do we change incentives? What are the benefits and risks for various stakeholders, researchers, patients/consumers, clinicians, industry/pharma, payers, academic institutions?</i></p> <p>Moderator: Mary Maxon, PhD, Biosciences Area Principal Deputy, Lawrence Berkeley National Laboratory, Member of CIAPM Academic Committee</p> <ul style="list-style-type: none"> • David Shaywitz, MD, PhD, CMO, DNAnexus • Darshak Sanghavi, MD, CMO, OptumLabs • Hakan Sakul, PhD, VP & Head of Diagnostics, Worldwide R&D, Pfizer • David Neal, MD, SVP of Global Academic Research, Elsevier • Keith Yamamoto, PhD, Vice Chancellor for Science Policy and Strategy, UCSF <p><i>Discussion: What are the opportunities? Barriers to access and use? How can cohort/data be enabled/ accelerated? Potential solutions – technical, cultural, policy, regulatory?</i></p>
<p>5:15 PM</p>	<p>CIAPM Demonstration Project: California Kids Cancer Comparison</p> <ul style="list-style-type: none"> • David Haussler, PhD, Director, UC Santa Cruz Genomics Institute
<p>Shuttle Service to UCSD Skaggs School of Pharmacy and Pharmaceutical Sciences</p>	
<p>6:00 PM</p>	<p>Reception</p>
<p>6:30 PM</p>	<p>Public event – Keynote presentation and fireside chat</p> <ul style="list-style-type: none"> • Eric Topol, MD, Founder & Director, Scripps Translational Science Institute • Fireside chat, Eric Topol, Atul Butte
<p>7:30 PM</p>	<p>Reception continued</p>
<p>8:30 PM</p>	<p>Adjourn for the day</p>



October 13, 2017

8:00 AM	Arrival and Light Breakfast
9:00 AM	Welcome and Observations from DAY 1 <ul style="list-style-type: none"> • Atul Butte, MD, PhD, Director, Institute for Computational Health Sciences, UCSF, CIAPM Principal Investigator
9:10 AM	Session 5: In what direction will precision medicine bend the cost curve? <i>Tracking cost impacts, anticipating pain points, possible solutions</i> Moderator: Arnold Milstein , MD, MPH, Director, Clinical Excellence Research Center, Stanford University, Member of CIAPM Academic Committee Panelists: <ul style="list-style-type: none"> • Richard Kronick, PhD, Professor, Department of Family Medicine and Public Health, UCSD • TBD
9:45 PM	CIAPM Demonstration Project: Full Genome Analysis to Guide Precision Medicine <ul style="list-style-type: none"> • David Martin, MD, Senior Scientist, Children's Hospital Oakland Research Institute
10:00 AM	Morning Break and Networking
10:30 AM Short talks and panel discussion	Session 6: Ethical Considerations in data generation and use <i>Achieving health justice through precision medicine -- Challenges and solutions: addressing data ownership, diversity/inclusion, trust, health disparities, access</i> Session Moderator: Fred Meyers , MD, MACP, Associate Dean, Precision Medicine, UC Davis, Member of CIAPM Academic Committee Speakers/ panelists: <ul style="list-style-type: none"> • Barbara Koenig, PhD, Director, UCSF Bioethics • Nazneen Aziz, PhD, Executive Director, Kaiser Permanente Research Bank • Ted Chan, MD, Chair of Emergency Medicine, UCSD <i>Discussion: Potential solutions – technical, cultural, policy, regulatory?</i>
12:00 PM	CIAPM Demonstration Project: Early Prostate Cancer: Predicting Treatment Response <ul style="list-style-type: none"> • Sheldon Greenfield, MD, Executive Co-Director, Health Policy Research Institute, School of Medicine, UC Irvine



12:15 PM	Lunch and Networking
1:15 PM	CIAPM Demonstration Project: Artificial Intelligence for Imaging of Brain Emergencies <ul style="list-style-type: none"> • Pratik Mukherjee, MD, PhD, Professor, UCSF
1:30 PM Short talks and panel discussion	Session 7: Mapping Technology Opportunities - creating, and using data / intuitive presentation of output Session Moderator: John Carpten , PhD, Director, Institute For Translational Genomics, University of Southern California, Member of CIAPM Academic Committee Speakers/Panelists: <ul style="list-style-type: none"> • Iya Khalil, PhD, Co-Founder & Chief Commercial Officer, GNS Healthcare, Inc. • Anthony Joseph, PhD, Chancellor’s Professor, UC Berkeley • Tara Maddala, PhD, Head of Biostatistics and Data Management, GRAIL • Sara Radcliffe, MPH, MA, President & CEO, California Life Sciences Association <p><i>Discussion: What are the opportunities, barriers and potential solutions – technical, cultural, policy, regulatory?</i></p>
3:00 PM	CIAPM Demonstration Project: Precision Diagnosis of Acute Infectious Diseases <ul style="list-style-type: none"> • Charles Chiu, MD, PhD, Director, UCSF-Abbott Viral Diagnostics and Discovery Center, UCSF
3:15 PM	Closing remarks
3:30 PM	Adjourn