



APC 2020 ROADMAP CONFERENCE
***Data, Technology and Machine-Assisted Practice:
 Creating a Roadmap for the Future of Pathology***
 Sunday, July 19, 2020 - Hotel Del Coronado
www.apcprods.org/roadmap

Time	Program		Presenter / Moderator			
7:30 AM	Breakfast					
8:00 AM	Welcome and Introductions		Lydia Howell, MD, University of California, Davis			
8:15 AM	Cross-Disciplinary Diagnostic Perspective: Machine-Assisted Medical Imaging: Lessons from Radiology		Curtis Langlotz, MD, PhD, Professor of Radiology and Biomedical Informatics, Stanford University			
9:00 AM	Industry Perspective (Title TBD)		Robert Califf, MD, Head of Strategy and Policy at Verily Life Sciences and Google Health, former FDA Commissioner and Vice Chancellor of Health Data Science at Duke University			
9:45 AM	Break					
10:00 AM	Academic Perspective (Title TBD)		Lucila Ohno-Machado, MD, PhD, Associate Dean of Informatics and Technology, University of California, San Diego			
10:45 AM	Panel Discussion and Questions		Moderator: Mark Tykocinski, MD, Dean, Sidney Kimmel Medical College at Thomas Jefferson University; Provost and Executive Vice President for Academic Affairs, Thomas Jefferson University			
11:45 AM	Lunch		<i>Informal table discussions of morning content</i>			
12:45 PM	Thematic Break-Out Workgroups					
Workgroup	#1	#2	#3	#4		
Theme	Pathologist's Role	Research/ Creative Work	Infrastructure	Education		
Charge	Define the role of the pathologist in AI/ML/technology-assisted practice	Identify priority areas for research/creative work to drive change in clinical practice (subgroups meet together to discuss): a- Creating/innovating new tools, such as AI/ML technology; b- Validation/clinical implementation of new tools, including outcomes research and development of new quality measures; c- Building diversity and inclusion into the research/creative work space.	Define IT infrastructure needed to develop and implement AI/ML/Tech-assisted practice	Develop priorities for pilot curriculum/courses in AI/ML/Tech-assisted practice – What does each stakeholder need to be literate clients/users of AI/ML/tech-assisted pathology services? <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> PATHOLOGIST: a- Medical students and non-pathology physician users b- Pathology educational continuum: House Staff and active practitioners (CME) </td> <td style="width: 50%; vertical-align: top;"> NON-PATHOLOGIST: c- Clinical laboratory and IT staff, and potential new lab professionals focused on informatics/AI/ML </td> </tr> </table>	PATHOLOGIST: a- Medical students and non-pathology physician users b- Pathology educational continuum: House Staff and active practitioners (CME)	NON-PATHOLOGIST: c- Clinical laboratory and IT staff, and potential new lab professionals focused on informatics/AI/ML
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Co-Chairs	Michael Laposata, MD, PhD, Univ of Texas Medical Branch, and Michael Feldman, MD, PhD, Univ of Pennsylvania	Jeffrey Golden, MD, Brigham & Women's Hospital; Lydia Howell, MD, Univ of California, Davis; John Tomaszewski, MD, SUNY Buffalo	Myra Wilkerson, MD, Geisinger Commonwealth, and Michael Hogarth, MD, Univ of California, San Diego	Karen Kaul, MD, PhD, NorthShore Univ HealthSystem; Hooman Rashidi, MD, Univ of California, Davis	Mark Tykocinski, MD, Thomas Jefferson Univ; Fred Sanfilippo, MD, PhD, Emory Univ	
2:15 PM	<i>Workgroups give oral reports to cross-pollinate ideas (10 minutes each, plus break).</i>					
3:15 PM	<i>Cross-thematic tables will discuss and identify minimum milestones and what is needed to meet those milestones (personnel, infrastructure, etc.). UCSD facilitators and thematic co-leaders will capture table responses and common themes to construct the roadmap draft.</i>					
4:15 PM	<i>Discuss timeline to complete draft roadmap and distribute for broader comment.</i>		Led by Lydia Howell, MD, University of California, Davis			
4:30 PM	Adjourn					