Tele-Ophthalmology and Artificial Intelligence Conference

Date: Friday, April 6, 2018
Location: Philanthropy New York, 1500 Broadway, New York
Program Chairs: Lama A. Al-Aswad, MD, MPH, and Louis D. Pizzarello, MD, MPH

April 6, 2018

Program:

7:00AM-8:00AM  Registration and Breakfast

Session 1.  Introduction: Tele-medicine and Tele-ophthalmology

8:00AM  Moderator:  Lama Al-Aswad, MD, MPH

8:00AM-8:05AM  Welcome and Opening  George Cioffi, MD

8:05AM-8:15AM  “Why Tele-ophthalmology?” (History, Definitions, Nomenclature)  Lama Al-Aswad, MD, MPH

8:15AM-8:30AM  “Time is Brain: Identifying an Unmet Need and Building a Successful Tele-medicine Program, The NYP Stroke Experience”  Olajide Williams, MD

Session 2.  Tele-ophthalmology

Tele-retina  Moderators:  Stanley Chang, MD
Louis Pizzarello, MD, MPH

8:33AM-8:43AM  “Diabetic Retinopathy: The Burden of Early Detection”  Srilaxmi Bearelly, MD, MHS

8:43AM-8:53AM  US Diabetic Retinopathy Programs  Seema Garg, MD, PHD

8:53AM-9:03AM  International Diabetic Retinopathy Programs  Alexandre Taleb, MD, PhD
9:03AM-9:23AM  Keynote: “Tele-ROP Implications for Diagnosis and Management”  Michael Chiang, MD, MA

**Tele-glaucoma**  
Moderators:  
Jeffrey Liebmann, MD  
Lama Al-Aswad, MD, MPH


9:36AM-9:46AM  US Initiatives  Jonathan Myers, MD

9:46AM-9:56AM  International Initiatives  Karim Damji, MD

9:56AM-10:06AM  Remote Functional Testing  Gustavo De Moraes, MD, MPH

10:06AM-10:16AM  Remote Structural Testing  Albert Kouri, MD

10:16AM-10:36AM  Panel Discussion: “Is Tele-medicine for Ophthalmology Feasible? Implications for Diagnosis and Treatment”  
Panel Moderators:  
Stanley Chang, MD, Jeffrey Liebmann, MD

10:36AM-10:45AM  Break

**Session 3.  Tele-medicine and Population Health**

10:45AM  Moderators:  
Louis Pizzarello, MD, MPH  
Lisa Park, MD

10:45AM-11:05AM  Keynote: “International Tele-ophthalmology and Population Health: The Indian Experience”  
Kim Ramasamy, MBBS, DO, DNB, MD

11:05AM-11:15AM  “Tele-ophthalmology for an Underserved Community: The CUMC Remote Screening Experience”  
Lama Al-Aswad, MD, MPH

11:15AM-11:25AM  U REACH - A Technology-enabled, Large School Eye Health Initiative  
Rahul Ali, MD, MBA

11:25AM-11:35AM  Long distance learning  
Danny Haddad, MD

11:35AM-12:00PM  Panel Moderators and Speakers:  
Louis Pizzarello, MD, MPH, Lisa Park, MD

12:00PM-12:45PM  Lunch Break
Session 4. Existing and Disruptive Technologies for Tele-ophthalmology

12:50 PM Moderators: Tongalp Tezel, MD, Louis Pizzarello, MD, MPH

12:50PM-1:00PM Mobile Devices Siddharth Rathi, MD, MPH

1:00PM-1:10PM Virtual Reality Louis Pasquale, MD

1:10PM-1:20PM “Minimal Image Requirements to Maximize Assessments” Hanna Coleman, MD

1:20PM-1:30PM “Scaling Down Your Office” William Mallon, MD

1:30PM-1:55PM Panel Moderators and Speakers: Tongalp Tezel, MD Louis Pizzarello, MD, MPH

Session 5. Artificial Intelligence in Medicine and Ophthalmology

1:58PM Moderators: Michael Abramoff, MD, Lama Al-Aswad, MD, MPH

1:58PM-2:18PM Keynote: “What is AI?” Michael Abramoff, MD

2:18PM-2:28PM “AI: The Deep Mind Google Experience” Sunny Virmani, MS

2:28PM-2:38PM Watson IBM Lloyd Hildebrand, MD, FACS

2:38PM-2:48PM Visulytix Sameer Trikha, MD

2:48PM-2:58PM “Is OCT Ready for AI?” Donald Hood, PhD

2:58PM-3:18PM Panel Moderators: Michael Abramoff, MD, Lama Al-Aswad, MD, MPH

3:18PM-3:28PM Break

Session 6. The World of Tele-medicine: IT Security and the Role of Government

3:30 PM Moderators: George Cioffi, MD, Peter Fleishuct, MD

3:30PM-3:40PM IT Security Timothy J. Crimmins, MD, RPVI

3:40PM-3:50PM Data Management Daniel Barchi, MEM

3:50PM -4:00PM “American Tele-health Device Comparision” Mark Horton, OD, MD
4:00PM-4:20PM  Keynote: Regulatory and Government Issues  Malvina Edyelman, MD
4:20PM-4:50PM  Panel Moderators and Speakers:  George Cioffi, MD  Lama Al-Aswad, MD, MPH
4:50PM-5:00PM  Meeting Summation  Louis Pizzarello, MD, MPH
5:00PM  Adjournment