Tele-Ophthalmology and Artificial Intelligence Conference

**Date:** Friday, April 6, 2018  
**Location:** Philanthropy New York, 1500 Broadway, New York, NY  
**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?”  Lama Al-Aswad, MD, MPH  (History, Definitions, Nomenclature)

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
Yousuf Khalifa, 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

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<tr>
<th>Time</th>
<th>Session Title</th>
<th>Moderator(s)</th>
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<tbody>
<tr>
<td>12:50 PM</td>
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<td>Tongalp Tezel, MD Louis Pizzarello, MD, MPH</td>
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<td>12:50PM-1:00PM</td>
<td>Mobile Devices</td>
<td>Siddharth Rathi, MD</td>
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<td>1:00PM-1:10PM</td>
<td>Virtual Reality</td>
<td>Louis Pasquale, MD</td>
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<td>1:10PM-1:20PM</td>
<td>“Minimal Image Requirements to Maximize Assessments”</td>
<td>Hanna Coleman, MD</td>
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<td>1:20PM-1:30PM</td>
<td>“Scaling Down Your Office”</td>
<td>William Mallon, MD</td>
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<td>1:30PM-1:55PM</td>
<td>Panel Moderators and Speakers:</td>
<td>Tongalp Tezel, MD Louis Pizzarello, MD, MPH</td>
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### Session 5. Artificial Intelligence in Medicine and Ophthalmology

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<th>Time</th>
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<tr>
<td>1:58PM</td>
<td>Moderators:</td>
<td>Michael Abramoff, MD Lama Al-Alswad, MD, MPH</td>
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<tr>
<td>2:18PM-2:28PM</td>
<td>“AI: The Deep Mind Google Experience”</td>
<td>Sunny Virmani, MS</td>
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<td>2:28PM-2:38PM</td>
<td>Watson IBM</td>
<td>Lloyd Hildebrand, MD, FACS</td>
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<td>2:38PM-2:48PM</td>
<td>Visulytix</td>
<td>Sameer Trikha, MD</td>
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<td>2:48PM-2:58PM</td>
<td>“Is OCT Ready for AI?”</td>
<td>Donald Hood, PHD</td>
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<td>2:58PM-3:18PM</td>
<td>Panel Moderators:</td>
<td>Michael Abramoff, MD Lama Al-Alswad, MD, MPH</td>
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<td>3:18PM-3:28PM</td>
<td>Break</td>
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### Session 6. The World of Tele-medicine: IT Security and the Role of Government

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<tr>
<td>3:30 PM</td>
<td>Moderators:</td>
<td>George Cioffi, MD Peter Fleishuct, MD</td>
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<td>3:30PM-3:40PM</td>
<td>IT Security</td>
<td>Timothy J. Crimmins, MD, RPVI</td>
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<td>3:40PM-3:50PM</td>
<td>Data Management</td>
<td>Daniel Barchi, MEM</td>
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<td>3:50PM-4:00PM</td>
<td>“American Tele-health Device Comparison”</td>
<td>Mark Horton, OD, MD</td>
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4:00PM-4:20PM  Keynote: Regulatory and Government Issues Malvina Edyelman, MD
4:20PM-4:50PM  Panel Moderators and Speakers:  George Cioffi, MD
                   Peter Fleishuct, MD
4:50PM-5:00PM  Meeting Summation  Louis Pizzarelo, MD, MPH
5:00PM  Adjournment