

**INTERNET FRONTIERS AND OPPORTUNITIES WORKSHOP**

**November 15, 2021 | Chicago, IL**  
**Hybrid Event, All Times CDT (UTC -5)**

<b>Welcome, Opening Keynotes (9:00 - 10:15 AM CDT)</b>	
9:00 AM	<p>Welcome, Framing Remarks by Organizing Chairs</p> <ul style="list-style-type: none"> <li>● <b>Nick Feamster</b>, Neubauer Professor of Computer Science, University of Chicago</li> <li>● <b>Arpit Gupta</b>, Assistant Professor of Computer Science, University of California, Santa Barbara</li> <li>● <b>Mallik Tatipamula</b>, Chief Technology Officer, Ericsson Silicon Valley</li> </ul>
9:15 AM	<p>Opening Keynote</p> <ul style="list-style-type: none"> <li>● <b>Vinton Cerf</b>, Vice President and Chief Internet Evangelist, Google</li> </ul>
9:45 AM	<p>Opening Keynote</p> <ul style="list-style-type: none"> <li>● <b>Vickie Robinson</b>, General Manager, Airband Initiative, Microsoft</li> </ul>
<b>Session 1: Data, Insights and Policy Panel (10:15 - 11:00 AM CDT)</b>	
<p><i>Objective: What data are needed to provide a holistic picture of Internet access? What data currently exists, how is it informing policy, and how well does (or doesn't) it help answer various questions concerning Internet access? How can existing (or new) data inform policy that can improve access to unserved or underserved communities?</i></p>	
<b>Moderated by:</b>	<b>Nick Feamster</b> , Neubauer Professor of Computer Science, University of Chicago
<b>Session 2: Education and Workforce Development (11:00 - 11:45 AM CDT)</b>	
<p><i>Objective: Technology-enabled education holds promise for improving educational outcomes and reducing inequality, but what are the open challenges to developing and realizing the potential of these new approaches to education?</i></p>	
<b>Moderated by:</b>	<b>Nicole Marwell</b> , Associate Professor, University of Chicago Crown Family School of Social Work, Policy, and Practice
<b>Lunch:</b>	<b>Research Projects Showcase (11:45-1:00 PM CDT)</b>

<b>Session 3: Agriculture (1:00 - 1:45 PM CDT)</b>	
<i>Objective: Connectivity is a major bottleneck preventing advances in precision agriculture. What are the key research questions, policy guidelines and resources needed to advance connectivity in agriculture?</i>	
<b>Moderated by:</b>	
<b>Session 4: Healthcare (1:45 - 2:30 PM CDT)</b>	
<i>Objective:</i>	<i>What are the frontiers of the future of healthcare leveraging technology? How can medical professionals and researchers leverage remote data collection infrastructure now to support research that will help us achieve this vision? What considerations do we need to make for vulnerable populations such as older adults in low resource / low tech literacy populations?</i>
<b>Moderated by:</b>	<b>Megan Huisinigh-Scheetz</b> , Assistant Professor of Medicine, Section of Geriatrics, UChicago Medicine
<b>Session 5: Technology and Practice (2:30 - 3:15 PM CDT)</b>	
<i>Objective: Discuss the use cases and real-world examples of projects and programs that have been used to solve Internet equity challenges.</i>	
<b>Moderated by:</b>	<b>Arpit Gupta</b> , Assistant Professor of Computer Science, University of California, Santa Barbara
<b>Session 6: Summary Discussion &amp; Breakouts (3:15 - 4:15 PM CDT)</b>	
<i>Objective: Connect the dots summary discussion of key take-aways, recommendations, and next steps.</i>	