



PRESS & MEDIA  
COVERAGE

- *Millions of Americans can't get broadband because of a faulty FCC map. There's a fix.*  
By Shara Tibken, CNET. February 19<sup>th</sup> 2021.  
(CNET has the world's highest readership among Web news sites, with more than 200 million readers per month.)  
Available here: <https://www.cnet.com/features/millions-of-americans-cant-get-broadband-because-of-a-faulty-fcc-map-theres-a-fix/>
- *Networking and Distributed Systems Lab's intern wins Best in Class for summer project.*  
By Curt Hopkins, Hewlett Packard Labs. September 24<sup>th</sup> 2020.  
Available here: <https://community.hpe.com/t5/Advancing-Life-Work/Networking-and-Distributed-Systems-Lab-s-intern-wins-Best-in/ba-p/7102384#>

AWARDS &  
RECOGNITION

- 2<sup>nd</sup> Runner-up, New Venture Startup Competition 2021
- Won the *Best in Class* competition among 400 interns at Hewlett Packard Enterprise (international competition) 2020

REFEREED  
PUBLICATIONS

- [1] **Characterizing Internet Access and Quality Inequities in California M-Lab Measurements**  
Paul, Jiamo Liu, David Farias-Ilerenas, **Vivek Adarsh**, Arpit Gupta, Elizabeth Belding  
ACM Conference on Computing Systems and Sustainable Societies (COMPASS 2022)
- [2] **Too Late for Playback: Estimation of Video Stream Quality in Rural and Urban Contexts**  
**Vivek Adarsh**, Michael Nekrasov, Udit Paul, Alex Ermakov, Arpit Gupta, Morgan Vigil-Hayes, Ellen Zegura, Elizabeth Belding  
Proceedings of the Passive and Active Measurement Conference (PAM '21)
- [3] **Characterizing Performance Inequity Across U.S. Ookla Speedtest Users**  
Udit Paul, Jiamo Liu, **Vivek Adarsh**, Mengyang Gu, Arpit Gupta, Elizabeth Belding  
arXiv preprint arXiv:2110.12038
- [4] **Estimation of Congestion from Cellular Walled Gardens using Passive Measurements**  
**Vivek Adarsh**, Michael Nekrasov, Udit Paul, Elizabeth Belding  
IEEE Transactions on Mobile Computing.
- [5] **Coverage is Not Binary: Quantifying Mobile Broadband Quality in Urban, Rural, and Tribal Contexts**  
**Vivek Adarsh**, Michael Nekrasov, Udit Paul, Tarun Mangla, Arpit Gupta, Morgan Vigil-Hayes, Ellen Zegura, Elizabeth Belding  
Proceedings of the IEEE 30th International Conference on Computer Communications and Networks (ICCCN '21)

- [6] **A Tale of Three Datasets: Towards Characterizing Mobile Broadband Access in the United States**  
 Tarun Mangla, Esther Showalter, **Vivek Adarsh**, Kipp Jones,  
 Morgan Vigil-Hayes, Elizabeth Belding, Ellen Zegura  
 Communications of the ACM (CACM)
  
- [7] **Packet-level Overload Estimation in LTE Networks using Passive Measurements**  
**Vivek Adarsh**, Michael Nekrasov, Ellen Zegura, Elizabeth Belding  
 Proceedings of the Internet Measurement Conference (IMC '19)
  
- [8] **#Outage: Detecting Power and Communication Outages from Social Networks**  
 Udit Paul, Alex Ermakov, Michael Nekrasov, **Vivek Adarsh**, Elizabeth Belding  
 Proceedings of the World Wide Web Conference (WWW '20)
  
- [9] **MPTCP Performance over Heterogeneous Subpaths**  
**Vivek Adarsh**, Paul Schmitt, Elizabeth Belding.  
 IEEE 28th International Conference on Computer Communication and Networks (ICCCN '19)
  
- [10] **Evaluating LTE Coverage and Quality from an Unmanned Aircraft System**  
 Michael Nekrasov, **Vivek Adarsh**, Udit Paul, Esther Showalter, Ellen Zegura,  
 Morgan Vigil-Hayes and Elizabeth Belding  
 IEEE 16th International Conference on Mobile Ad Hoc and Sensor Systems (MASS '19)

INVITED TALKS

- **Decoding Cellular Walled Gardens**  
 Google Inc. (NetInfra Team) February 2020

PROFESSIONAL SERVICES

- Technical Program Committee, ACM SIGCOMM Artifact Evaluation Committee 2021
- External Reviewer, IEEE Wireless Communications and Networking Conference (WCNC) 2021
- External Reviewer, IEEE Wireless Communications Letters Journal 2020
- Judge, SB Hacks VII (UCSB's Annual Hackathon Competition) 2021

STUDENT MENTORSHIP

- [Research Project] A study of QoE-estimation models
  - **Khalid Mihlar** (BS, Computer Science, UCSB)
- [Research Project] Edain: A Comprehensive Network Monitoring Suite
  - **Anurag Bansal** (BS, Computer Science, IIT Roorkee)
  - **Jitesh Jain** (BS, Computer Science, IIT Roorkee)
  - **Ria Elizabeth John** (BS, Computer Science, IIT Roorkee)
- [Research Project] Quantifying Video Streaming Quality on Mobile Broadband
  - **David Weinflash** (MS, Computer Science, UCSB)

## TEACHING

- Introduction to Computer Networks (CMPSC 176A) Spring 2019
- Computer Networking (CMPSC 176B) Winter 2019
- Introduction to Computer Networks (CMPSC 176A) Fall 2018
- Introduction to Computer Networks (CMPSC 176A) Spring 2018
- Computer Networking (CMPSC 176B) Winter 2018
- Introduction to Computer Networks (CMPSC 176A) Fall 2017
- Advanced Topics in Internet Computing (CMPSC 176C) Spring 2017