Quello Center Ongoing Research

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The Quello Team:

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- *Bianca Reisdorf*: Sociologist and Postdoctoral Research Associate at the Quello Center.
- *Mitch Shapiro*: Strategy Consultant and Quello Research Specialist.
- *Aleksandr Yankelevich*: Economist and Research Assistant Professor at the Quello Center.

Research in Progress:

- *Cybersecurity Capacity Building Center*: Collaboration with the Oxford Martin Institute, University of Oxford, on the development of tools for nations to self-assess their capacity of cybersecurity, supported by the UK's Foreign and Commonwealth Office, and others.
- *Digital Inequalities*:
  - Empirical assessment of the impact of federal, state, and local government on broadband deployment.
  - Empirical examination of geographic, demographic, and socioeconomic factors that drive market developments in broadband.
  - Empirical and theoretical analysis of broadband adoption and policies in rural areas.
  - Empirical study of Internet use and factors shaping use in Michigan over time.
  - Empirical analysis of the Internet's role in the revitalization of Detroit.
- *The Fifth Estate*: Developing case studies of the Internet Shaping the Emergence of a Fifth Estate in the US and worldwide.
- *Net Neutrality*:
  - Empirical study of net neutrality's impact, such as on ISP investment and provision of content, using an industry study and quasi-experimental approach.
  - Theoretical analysis of the social impact of net neutrality in the context of ISPs that are vertically integrated into content provision.
- *Special Access*: Theoretical analysis of the potential market impact of price cap regulation on the market for special access (dedicated high capacity connections for voice and data traffic) and related research assessing an ongoing FCC investigation into ILEC pricing practices.
- *Strategy and Competition*: Theoretical analysis of firm strategies on social welfare (e.g., grandfather clauses used by communication and media companies; advertising for attention; vertical integration).

- *The United States' Presidential Debates of 2016 and Democratic Citizenship*: A Prospectus for Comparative Research with UK Leadership Debates.
- *WKAR Strategic Initiatives*: The spectrum decision is being pursued by the Quello Center for an opportunity to conduct unique research on a variety of issues, from last mile wireless initiatives to the future of public broadcasting.

Grant Funding Opportunities and Applications:

- *The Fifth Estate*: Developing a grant proposal for the Bradley Foundation
- **MAPPR**: Digital Divides in the State of Michigan: Inequalities Tied to the (Non-) Use of the Internet and Related Information and Communication Technologies *($20,000 awarded; December 2015-December2016)*.
- **MAPPR**: Policies to Support the Internet's Role in the Revitalization of Detroit *($10,000 awarded; December 2015-December 2016)*.
- **SPG**: Big Data Analytic Capacity for Digital Age Policy Research: The Internet Connectivity in American Life Platform (*not supported*).
- **NSF (Interdisciplinary Behavioral and Social Science Research Program)**: A New Social Science Perspective on Digital Inequalities: Embedding Policy, Infrastructure, and Place (*submitted, decision pending*).
- **Rocket Fiber**: Digital Infrastructure and Urban Development: A Case Study of Rocket Fiber and Its Role in Detroit's Revitalization (*in discussion with Rocket Ventures*).
- **The Quilt**: Connecting Local Communities and Institutions: Wireless Solutions for the Last Mile (*negotiations regarding project details ongoing; funding of approximately $50,000*).
- **Net Institute**: Zero-Rating in the Shadow of Net Neutrality (*grant being prepared for submission in May 2016*).
- **NSF (Economics Program)**: Net Neutrality and Broadband Investment: An Industry Study and Quasi Experiment (*grant being prepared for submission in August 2016*).
- **NSF (Law and Social Sciences Program)**: Use of ICTs in Rehabilitation and Release: A Study of Digital Inequalities among Prisoners and Parolees (*grant being prepared for submission in August 2016*).