



**Penn's Center for Technology, Innovation & Competition (CTIC) and  
the Warren Center for Network & Data Sciences Announce  
New Grant Recipients for the *Economics of Digital Services* Research Initiative**

*A third group of researchers will examine the roles data play  
in digital platforms' business strategies and their antitrust implications*

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Philadelphia—November 8, 2022—The [Center for Technology, Innovation & Competition \(CTIC\)](#) and [the Warren Center for Network & Data Sciences](#) of the University of Pennsylvania have announced the recipients of the 2023 recipients of grants under the *Economics of Digital Services* (EODS) initiative, established to generate primary research on uses of data by digital platforms and their effect on market dynamics, including antitrust implications.

The EODS initiative is funded by a major multi-year grant awarded to CTIC by [the John S. and James L. Knight Foundation](#) as part of its \$50 million initiative to support scholarly inquiry and novel approaches that will strengthen U.S. democracy as the digital age evolves.

Leading the project are Christopher Yoo, the John H. Chestnut Professor of Law, Communication, and Computer & Information Science and CTIC's founding director, and Rakesh Vohra, the George A. Weiss and Lydia Bravo Weiss University Professor of Economics and Electrical and Systems Engineering and the Warren Center's founding director.

The grant recipients are outstanding scholars pursuing pathbreaking research on how digital platforms are utilizing data and algorithms to develop new business strategies and models—and their economic impact on today's markets and competition law. The initiative particularly supports early-career researchers.

The five research areas with scholars for EODS 2023 are:

- **Algorithmic Consumption: Screening and Persuasion**—Shota Ichihashi, Queen’s University, and Alex Smolin, Toulouse School of Economics
- **Buy-Box vs. FBA: Amazon's Self-Preferencing in its Vertical-Integrated Kingdom**—Muxin Li, Bocconi University
- **Digital Platforms and Gender Inequality: Evidence from Pandora**—Abhishek Nagaraj and Aruna Ranganathan, University of California Berkeley
- **Learning on Social Media Platforms and the Design of News Feed Algorithms**—Kevin S. He, University of Pennsylvania
- **Multi-Homing and Concentration in the Media Advertising Market**—Joan Calzada, University of Barcelona, and Ricard Gil, Queen's University

The research findings will be presented at a symposium in September 2023 and posted on the EODS initiative’s [website](#) and [blog](#). Full papers and blog articles of EODS 2021 and EODS 2022 are available [here](#).

#### ***About the Economics of Digital Services Initiative (EODS)***

EODS is an initiative of the University of Pennsylvania’s Center for Technology, Innovation & Competition (CTIC) and Warren Center for Network & Data Sciences. Its aim is to generate independent research on the economics of digital services and the role data and algorithms play in the business models and strategies of digital platforms. A major grant from the John S. and James L. Knight Foundation funded the initiative to support scholarly inquiry and novel approaches in the evolving digital age. [www.pennEODS.org](http://www.pennEODS.org)

#### ***About the Center for Technology, Innovation & Competition (CTIC)***

CTIC is an interdisciplinary academic center at the University of Pennsylvania Carey Law School that bridges law and technology for academia and students. Focusing on intellectual property, competition and technology, Internet and privacy, health care and life sciences, entertainment and media, and emerging technology law and policy, CTIC conducts foundational research that shapes the way legislators, regulatory authorities, and scholars develop policy and regulatory frameworks. [www.pennCTIC.org](http://www.pennCTIC.org) | Twitter @pennlawCTIC

#### ***About the Warren Center for Network & Data Sciences***

The University of Pennsylvania’s Warren Center fosters research and innovation in interconnected social, economic, and technological systems. Collaborating with Penn affiliates, it focuses on the role of data and algorithms to understand networked systems and how they can improve lives. The center also produces events that connect researchers, students, and entrepreneurs across the spectrum of network science. [www.warrencenter.upenn.edu](http://www.warrencenter.upenn.edu) | Twitter @WarrenCntrPenn

#### ***About the John S. and James L. Knight Foundation***

We are social investors who support democracy by funding free expression and journalism, arts and culture in community, research in areas of media and democracy, and in the success of American cities and towns where the Knight brothers once had newspapers. Learn more at [kf.org](http://kf.org) and follow @knightfdn on social media.

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