

**The Internet and Geography**  
**Shane Greenstein, March, 2017.**

**Required reading**

Robert Seamans and Feng Zhu. 2014. Responses to Entry in Multi-Sided Markets: The Impact of Craigslist on Local Newspapers. *Management Science*. 60(2): 476-493.

Chris Forman, Avi Goldfarb and Shane Greenstein, 2012, "The Internet and Local Wages – a Puzzle" *American Economic Review*.

Shane Greenstein, 2012, "Internet Infrastructure," in Handbook of Digital Economics. Edited by Martin Peitz and Joel Waldfoegel. Chapter 1, Pp. 3-33. Oxford University Press; New York, NY.

**More papers on how the adoption of information technology shapes economic outcomes in the US**

Abhishek Nagaraj, 2016, The Private Impact of Public Maps—Landsat Satellite Imagery and Gold Exploration

Forman, Chris, Nicholas van Zeebreuck, 2016, From wires to partners: How the Internet has fostered R&D collaborations within firms, *Management Science*.

Farronato and Fradkin, Market Structure with the Entry of Peer-to-Peer Platforms: 2016. The Case of Hotels and Airbnb.

Joshua Gans, Avi Goldfarb, Mara Lederman, 2016. "Exit, Tweets, and Loyalty." Working paper.

Eugene Orlov, 2016. "How Does the Internet Influence Price Dispersion? Evidence from the Airline Industry", 2011, *Journal of Industrial Economics*, 59(1), pp. 21-37

Iai Ater and Eugene Orlov, 2016, "The Effect of the Internet on Product Quality in the Airline Industry", with Itai Ater, *Review of Economics and Statistics*.

Agrawal, Ajay, Christian Catalini, and Avi Goldfarb. 2015. "Crowdfunding: Geography, Social Networks, and the Timing of Investment Decisions." *Journal of Economics & Management Strategy* Vol. 24, No. 2: 253-274.

Victor Bennett, Robert Seamans and Feng Zhu. 2015. Cannibalization and Option Value Effects of Secondary Markets: Evidence from the US Concert Industry. 2015. *Strategic Management Journal* 36(11): 1599-1614.

James Dana and Eugene Orlov, 2014, "Internet Penetration and Capacity Utilization in the Airline Industry," *American Economic Journal: Microeconomics*, Vol. 6, No. 4, 2014, pp. 106-137.

Forman, Chris, Anindya Ghose, and Avi Goldfarb. 2009. "Competition between Local and Electronic Markets: How the benefit of buying online depends on where you live." *Management Science* 54(1).

Goldfarb, Avi, and Ajay Agrawal, 2006, "Restructuring Research: Communications Costs and the Democratization of University Innovation," *American Economic Review*

Blum, and Goldfarb, Avi 2006, "Does the Internet Defy the Law of Gravity?" *Journal of International Economics*. *Journal of International Economics* 70(2), 384-405.

Forman, Goldfarb, and Greenstein, 2005, "How did Location Affect Adoption of the Internet by Commercial Establishments? Urban Density versus Global Village." *Journal of Urban Economics*.

Todd Sinai and Joel Waldfoegel, 2004. "Geography and the Internet: Is the Internet a Substitute or a Complement for Cities?" *Journal of Urban Economics*, July 2004

## **More papers on competition and deployment of technology in the US**

Sutirtha Bagchi and Jagadeesh Sivadasan, 2017. "Barriers to Entry and Competitive Behavior: Evidence from Reforms of Cable Franchising Regulations," Ross School of Business Paper No. 1195. SSRN.

Mo Xiao and Peter F. Orazem, 2016. "Is Your Neighbor Your Enemy? Strategic Entry into the U.S. Broadband Market" Working paper.

Ted Skiti, 2016, Strategic Technology Adoption and Entry Deterrence in the U.S. Local Broadband Markets, working paper.

Kyle Wilson, 2016, "Does Public Competition Crowd Out Private Investment? Evidence from Municipal Provision of Internet Access" (NET Institute working paper \#16-16)

Kyle Wilson, 2016, "Does Competition Affect Quality? A Study of Internet Service Provision", working paper.

Chris Forman, Avi Goldfarb, Shane Greenstein, 2016. "Invention and Agglomeration in the Bay Area: Not just ICT." *American Economic Review, Papers and Proceedings*. May. 106 (5) Pp. 146-151.

Chen, Yongmin and Savage, Scott, 2014. "The Effects of Competition on the Price for Cable Modem Internet Access," *Review of Economics and Statistics*.

Scott Wallsten and Colleen Malahan, 2013, "Residential Broadband Competition in the United States." In Avi Goldfarb, Shane Greenstein and Catherine Tucker (Editors), *The Economics of Digitization*, Edward Elgar; Cheltenham, UK.

Robert Seamans. 2012. Fighting City Hall: Entry Deterrence and Technology Deployment in the Cable TV Industry. *Management Science*. 58(3): 461-475.

Mingzhe Tang, 2011, Diversification of Cable Television Firms in Broadband Products, *Telecommunications Policy*. 35(11), pp. 951-969,

Forman, Goldfarb and Greenstein, 2008, Understanding inputs into innovation: Do Cities Substitute for Internet firm resources?" *Journal of Economics and Management Strategy*.

Augereau, Greenstein and Rysman, 2006. "Coordination versus Differentiation in a Standards War," *Rand Journal of Economics*, 34 (4).

## **A few overviews by the organizers**

Chris Forman, Avi Goldfarb and Shane Greenstein, 2017, "Geographic Implications of the Internet," in (ed) MaryAnn Feldman, *The New Oxford Handbook of Economic Geography*, Oxford University Press.

Shane Greenstein. 2015, *How the Internet Became Commercial: Innovation, Privatization, and the Birth of a new Network*, Princeton University Press.

Chris Forman, Avi Goldfarb and Shane Greenstein, 2015, "Information Technology and the Distribution of Economic Activity." In (Eds) Adam Jaffe and Ben Jones, *Rethinking Science and Innovation Policy*, NBER Volume, University of Chicago Press.

Forman, Chris and Avi Goldfarb, 2006 "Diffusion of Information and Communication Technologies to Businesses." In *Handbooks in Information Systems, Volume 1: Economics and Information Systems*, Terrence Hendershott (Ed.), Amsterdam: Elsevier, p. 1-52 (reviewed by editor). 8