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Academic Work Experience

University Research Professor, Department of Geography, University of Kentucky (2018 -)
Director of Graduate Studies, Department of Geography, University of Kentucky (2012-13; 2018 -)
Interim Chair, Department of Geography, University of Kentucky (2019-20)
Visiting Professor, Urban Planning Curriculum: Changing Cities and ICTs. Department of Geography, Tartu University, Estonia (2014-)
Co-Director, New Mappings Collaboratory, University of Kentucky (2012-)
Professor, Department of Geography, University of Kentucky (2014-2018)
Director of GIS Initiatives and New Maps Plus, Department of Geography, University of Kentucky (2012-2017)
Visiting Researcher, Department of Geography, University of Auckland (2016-17)
State Geographer, Commonwealth of Kentucky (2015)
Visiting Fellow, Oxford Internet Institute, University of Oxford, United Kingdom (2014)
Fulbright Scholar, Department of Geography, Tartu University, Estonia (2013-14)
Associate Professor, Department of Geography, University of Kentucky (2007-14)
Director of Undergraduate Studies, Dept. of Geography, University of Kentucky (2007-09)
Assistant Professor, Department of Geography, University of Kentucky (2002-07)
Visiting Research Fellow, Public Policy Institute of California, (2001-02)

Education

Ph.D. **University of California, Berkeley**. Department of City and Regional Planning. 2001
M.R.P. **Cornell University**. Department of City and Regional Planning. 1995
B.A. **Earlham College** 1989

Publications (9200+ citations, h-index 42, i10-index 75, according to Google Scholar)

(a) Monographs

Zook, M. (2005). *The Geography of the Internet Industry: Venture Capital, Dot-coms and Local Knowledge*. Blackwell Publishers

(b) Journal Articles

Zook, M. and M. Grote. 2022. Blockchain financial geographies: Disrupting space, agency and scale. *Geoforum*. Forthcoming.

Zook, M. and I. Spangler. 2022. A crisis of data? Value creation through transparency practices in data broker platforms. *Annals of the AAG*.
<https://www.tandfonline.com/doi/full/10.1080/24694452.2022.2071201> .

Zook, M. and M. McCanless. 2022. Mapping the uneven geographies of digital phenomena: The case of blockchain. *Canadian Geographer*. 66(1), 23-36.

- Chapple, K., Poorthuis, A., **M. Zook** and E. Phillips. 2021. Monitoring streets through tweets: Using user-generated geographic information to predict gentrification and displacement. *Environment and Planning B*. June. <https://doi.org/10.1177/23998083211025309>
- Poorthuis, A., Shelton, T. and **M. Zook**. 2021. Mapping gentrification ‘in real time (and space)’: using social media data to understand changing urban relationalities. *Urban Geography*. <https://www.tandfonline.com/doi/abs/10.1080/02723638.2021.1888016?journalCode=rurb20>.
- Zook, M.** and M. Grote. 2020. Initial Coin Offerings: Linking Technology and Financialization. *Environment and Planning A*. <https://dx.doi.org/10.1177/0308518X20954440>
- Poom, A., Järv, O, **Zook, M.** and T. Toivonen. (2020). COVID-19 is spatial: Ensuring that mobile Big Data is used for social good (Commentary). *Big Data & Society*. DOI: 10.1177/2053951720952088
- Armstrong, C., Poorthuis, A., **Zook, M.**, Ruths, D. and T. Soehl. 2020. Challenges When Identifying Migration from Geo-Located Twitter Data. *EPJ Data Science*. <https://link.springer.com/article/10.1140/epjds/s13688-020-00254-7> .
- Leszczynski, A. and **M. Zook**. 2020. Viral Data (editorial to symposium on Viral Data). *Big Data & Society*. <https://journals.sagepub.com/doi/full/10.1177/2053951720971009>
Symposium available at <https://journals.sagepub.com/page/bds/collections/viraldata>
- Poorthuis, A. and **M. Zook**. (2019). Being smarter about space. *Annals of the AAG* <https://doi.org/10.1080/24694452.2019.1674630>
- Poorthuis, A., Power, D. and **M. Zook** (2019). Attentional Social Media: Mapping the Spaces and Networks of the Fashion Industry. *Annals of the AAG*. <https://www.tandfonline.com/doi/full/10.1080/24694452.2019.1664887>. Companion Website: <https://geography-of-fashion.netlify.com/>
- Ojanperä, S., Graham, M., & **M. Zook** (2019). The Digital Knowledge Economy Index: Mapping Content Production. *The Journal of Development Studies*, 1-18.
- Bellan, S. E., Eggo, R. M., Gsell, P. S., Kucharski, A., Dean, N., Donohue, R., **Zook, M.**, Edmund, J., Odhiambo, F., Longini, I., Brissonhij, M., & Mahon, B. (2018). An online decision tree for vaccine efficacy trial design during infectious disease epidemics: The InterVax-Tool. *Vaccine*. <https://doi.org/10.1016/j.vaccine.2019.06.019>
- Zook, M.** and J. Blankenship (2018). New Spaces of Disruption? The Failures of Bitcoin and the Rhetorical Power of Algorithmic Governance. *Geoforum*. Vol 96. Pp. 248-255. <https://doi.org/10.1016/j.geoforum.2018.08.023>.
- Zook, M.** and M. Graham. (2017). Hacking Code/Space: Confounding the Code of Global Capitalism. *Transactions of the Institute of British Geographers*. Vol 43:3.
- Zook, M.** (2017). Crowd-sourcing the Smart City: Using Big Geosocial Media Metrics in Urban Governance. *Big Data and Society*. Vol 4(1). Pp. 1-13. <http://journals.sagepub.com/doi/full/10.1177/2053951717694384>
- Zook, M.**, Barocas, S., boyd, d., Crawford, K., Keller, E., Gangadharan, S.P., Goodman, A., Hollander, R., Koenig, B., Metcalf, J., Narayanan, A., Nelson, A., and Pasquale, F. (2017). Ten Simple Rules for Responsible Big Data Research. *PLOS Computational Biology*. March 31. <https://doi.org/10.1371/journal.pcbi.1005399>

- Cockayne, D. Leszczynski, A. & **M. Zook**. (2017). #HotForBots: Sex, the non-human, and digitally-mediated spaces of intimate encounter. *Environment and Planning D: Society & Space*. 0263775817709018.
- Poorthuis, P. and **M. Zook**. (2017). Making Big Data Small: Strategies to Expand Urban and Geographical Research Using Social Media. *Journal of Urban Technology*. Pp 1-21. <http://dx.doi.org/10.1080/10630732.2017.1335153>
- Ashton, P. Weber, R and **M. Zook**. (2017). The cloud, the crowd, and the city: How New Data Practices Reconfigure Urban Governance. *Big Data and Society*. <http://journals.sagepub.com/doi/full/10.1177/2053951717706718>
- Ojanperä, S., Graham, M., Straumann, R. K., De Sabbata, S., & **M. Zook** (2017). Engagement in the knowledge economy: Regional patterns of content creation with a focus on sub-Saharan Africa. *Information Technologies & International Development*. 13, 33–52.
- Zook, M.**, and M. Grote. (2016). The Microgeographies of Global Finance: High Frequency Trading and the Construction of Information Inequality. *Environment and Planning A*. DOI: 10.1177/0308518X16667298
- Zook, M.**, Kraak. MJ. Ahas, R. (2015). Geographies of Mobility: Applications of Location Based Data. *International Journal of Geographical Information Science*. Vol.29 (11).
- Graham, M, Sabbata, S and **M. Zook**. (2015). Towards a Study of Information Geographies: Immutable Augmentations and a Mapping of the Geographies of Information. *Geo: Geography and Environment*. DOI:10.1002/geo2.8/epdf
- Ahas, R., Yuan, Y., Smoreda, Z., Aasa, A., Raubal, M., Liu, Y., Ziemlicki, C., & **M. Zook** (2015). Smart Timing for Smart Cities - Developing indicators for measuring social time from mobile phone datasets, a Case study of China, Estonia and France. *International Journal of Geographical Information Science*. DOI:10.1080/13658816.2015.1063151
- Shelton, T., A. Poorthuis. **Zook, M.** (2015). Social media and the city: Rethinking urban socio-spatial inequality using user-generated geographic information. *Landscape and Urban Planning*. pp. 198–211 doi:10.1016/j.landurbplan.2015.02.020
- Poorthuis, P. and **M. Zook**. (2015). Small Stories in Big Data: gaining insights from large spatial point pattern data sets. Special Issue of *Cityscape*. 151-160. <http://www.huduser.org/portal/periodicals/cityscpe/vol17num1/article12.html>
- Shelton, Taylor **Matthew Zook** and Alan Wiig. (2014). The ‘actually existing smart city’ *Cambridge Journal of Regions, Economy and Society*. doi:10.1093/cjres/rsu026
- Poorthuis, Ate and **M. Zook**. (2014). Artists and Bankers and Hipsters, Oh My! Mapping Tweets in the New York Metropolitan Region. *Cityscape*. Volume 16(2). 169-173. <http://www.huduser.org/portal/periodicals/cityscpe/vol16num2/ch13.pdf>
- Shelton, T., Poorthuis, A., Graham, M. and **M. Zook**. (2014). Mapping the Data Shadows of Hurricane Sandy: Uncovering the Sociospatial Dimensions of ‘Big Data’. *Geoforum*. Vol 52 (3), 167-179. <http://dx.doi.org/10.1016/j.geoforum.2014.01.006> .
- Crampton, J. Graham, M., Poorthuis, A., Shelton, T. Stephens, M., Wilson, M. & **M. Zook** (2013). Beyond the Geotag? Deconstructing “Big Data” and Leveraging the Potential of the Geoweb. *Cartography and Geographical Information Science (CaGIS)* 40 (2), 130-139. DOI:10.1080/15230406.2013.777137
- Graham, M. and **M. Zook**. (2013). Augmented realities and uneven geographies: Exploring the geolinguistic contours of the Web. *Environment and Planning A*. 45 (1), 77-99.

DOI:10.1068/a44674. Awarded the Ashby Prize by *Environment and Planning A* for the most innovative paper of 2013

- Graham, M, **Zook, M.** and A. Boulton. (2013). Augmented Reality in the Urban Environment: Distorted Mirrors and Imagined Reflections. *Transactions of the Institute of British Geographers*. Vol. 38(3), 464–479. DOI: 10.1111/j.1475-5661.2012.00539.x
- Shelton, T, **Zook, M.** and M. Graham. (2012). The Technology of Religion: Mapping Religious Cyberscapes. *Professional Geographer*. 64(4) 602-617.
DOI:10.1080/00330124.2011.614571
- Roberts, S., Secor, A., and **M. Zook**. (2012). Critical Infrastructure: Mapping the Leaky Plumbing of US Hegemony. *Antipode*. Vol 44. 1. pp. 5-9
- Zook, M.**, Devriendt, L. and M. Dodge. (2011). Cyberspatial Proximity Metrics: Reconceptualizing Distance in the Global Urban System. 18(1). *Journal of Urban Technology*. 93-114
- Graham, M and **M. Zook**. (2011). Visualizing the Global Cyberscape: Mapping User Generated Placemarks. *Journal of Urban Technology*. 18(1). 115-132
- Participants in the Economic Geography 2010 Workshop (I was one of 20 authors contributing to this paper). (2011). Emerging Themes in Economic Geography" *Economic Geography*, Vol 87(2). 111-126
- Zook, M.**, Graham, M., Shelton, T. and S. Gorman. (2010). Volunteered Geographic Information and Crowdsourcing Disaster relief: A Case Study of the Haitian Earthquake. *World Health and Medical Policy*. Vol 2(2)
- Zook, M.**, Graham M. (2010). Featured graphic: The virtual ‘bible belt’" *Environment and Planning A*. 42(4) 763 – 764
- Dodge, M., Kitchin, R. and **M. Zook** (2009). How does software make space? Exploring some geographical dimensions of pervasive computing and software studies (Guest Editorial). *Environmental and Planning A*. 41(6). 1283–1293
- Crutcher, M. and **M. Zook**. (2009). Placemarks and Waterlines: Racialized Cyberscapes in Post Katrina Google Earth. *GeoForum*. 40(4). 523-534
- Grubestic, T., Matisziw, T. and **M. Zook** (2009). Spatio-temporal fluctuations in the global airport hierarchies. *Journal of Transport Geography*. 17(4), 264-275
- Grubestic, T., Matisziw, T. and **M. Zook** (2008). Global Airline Networks and Nodal Regions. *GeoJournal*. 71(1), 53-66
- Zook, M.** and M. Graham. (2007). The Creative Reconstruction of the Internet: Google and the Privatization of Cyberspace and DigiPlace. *GeoForum*. Vol. 38(6). 1322-1343
- Zook, M.** and M. Graham. (2007). Mapping DigiPlace: Geo-coded Internet Data and the Perception of Place. *Environment and Planning B*. 466-482
- Zook, M.** (2007). Your Urgent Assistance is Requested: The Intersection of 419 Spam and New Networks of Imagination. *Ethics, Place and Environment*. Vol. 10. No. 1. 65-87
- Grubestic, T. and **M. Zook**. (2007). A Ticket to Ride: Evolving Landscapes of Air Travel Accessibility in United States *Journal of Transportation Geography*. Vol. 15 (6). 417-430
- Zook, M** and S. Brunn. (2006). From Podes to Antipodes: New Dimensions in Mapping Global Airline Geographies. *Annals of the Association of America Geographers*. September. 471-490

- Zook, M** and S. Brunn. (2005). Regions, Hierarchies and Legacies: European Cities and Global Air Travel. *Journal of Contemporary European Studies*. August. Vol 13 (2). 203-220
- Zook, M.** (2004). The Knowledge Brokers: Venture Capitalists, Tacit Knowledge and Regional Development. *International Journal of Urban and Regional Research*. (September): 621-41
- O' Riain, S., Parthasarathy, B. and **M. Zook** (2004). Symposium: Flows and Filters: The Politics of ICT Regions in a Global Economy. *International Journal of Urban and Regional Research*. (September): 617-20
- Zook, M.** (2003). Underground globalization: Mapping the space of flows of the internet adult industry. *Environment and Planning A*. Vol 35(7). 1261-1286.
- Zook, M.** (2002). Hubs, nodes, and bypassed places: A typology of e-commerce regions in the United States. *Tijdschrift voor economische en sociale geografie*. Vol 93. No.5. pp. 509-521
- Zook, M.** (2002). Grounded capital: Venture financing and the geography of the internet industry, 1994-2000. *Journal of Economic Geography*. Vol 2. No 2. 151-177.
- Elmer, V, Landis, J. and **M. Zook**. (2002). New Economy Housing Markets: Fast and Furious, But How Different? *Housing Policy Debate*. Vol. 13. No. 2. 233-274.
- Chapple, K. and **M. Zook**. (2002). Why Some IT jobs stay: The rise of job training in information technology. *Journal of Urban Technology*. Vol 9. No 1. 57-83.
- Zook, M.** (2001). Old hierarchies or new networks of centrality? The global geography of the internet content market. *American Behavioral Scientist*. (June). Vol 44. No. 10. 1679-1696.
- Zook, M.** (2000). The web of production: The economic geography of commercial internet content production in the United States. *Environment and Planning A*. Vol. 32. 411-426.
- Zook, M.** (2000). Internet metrics: Using hosts and domain counts to map the internet globally. *Telecommunications Policy*. Vol. 24 (6/7). 613-620.
- Zook, M.** (1996). The unorganized militia network: Conspiracies, computers, and community. *Berkeley Planning Journal*. 11(1): 26-48.

(c) Book Chapters and Reports

- Zook, M.** (2019). From Cowry Shells to Cryptos: Evolving geographies of currency. Chapter in *The Routledge Handbook of Financial Geography*. Edited by Dariusz Wójcik and Janelle Knox-Hayes. Forthcoming
- Zook, M.** and A. Poorthuis. (2019). The Geography and Gaze of the Selfie. In *Media's Mapping Impulse*. Edited by Chris Lukinbeal, Laura Sharp, Elisabeth Sommerland and Anton Escher. Franz Steiner Verlag. 301-319.
- Zook, M.,** Shelton, T. and A. Poorthuis. (2019). Big Data and the City. Chapter for *Handbook of Urban Geography* (Tim Schwanen and Ronald van Kempen, Editors). 63-75.
- Zook, M.** (2019). Cryptocurrency City. Chapter for *How to Run a City Like a Corporation, and Other Fables* (Eds. Mark Graham, Rob Kitchin, Shannon Mattern and Joe Shaw). Meatspace Press (<https://meatspacepress.org/>).
- Zook, M.** (2018). Information Flows, Global Finance and New Digital Spaces. Chapter for the *New Oxford Handbook of Economic Geography*. Edited by Edited by Gordon L. Clark, Maryann P. Feldman, Meric S. Gertler, and Dariusz Wojcik.

- Zook, M.** (2017). Geography of Digital Industries. Book Chapter for *Digital Geographies* edited by Agnieszka Leszczynski, James Ash, and Rob Kitchin. Sage.
- Zook, M.,** Poorthuis, A, Donohue, R. (2017). Mapping Spaces: Cartographic Representations of Online Data. Chapter for the *Handbook of Online Research Methods* Second edition, (Eds, Editors Fielding, Lee and Blank).
- Poorthuis, A., **M. Zook,** T. Shelton, M. Graham and M. Stephens. (2017). Using Geotagged Digital Social Data in Geographic Research. Book chapter *Key Methods in Geography* (3rd edition) Sage. Pp. 248-268.
- Zook, M.** and J. Breen. (2017). Volunteered Geographic Information. Encyclopedia Entry in *Encyclopedia of GIS* (2nd edition). Springer. doi:10.1007/978-3-319-23519-6_1,656-1
- Zook, M.** and T. Shelton. (2017). The Internet and Global Capitalism. Encyclopedia Entry for Wiley-AAG *International Encyclopedia of Geography*.
- Zook, M.,** T Shelton, A Poorthuis, R Donohue, M Wilson, M Graham, M Stephens. *What would a floating sheep map?* Lexington, KY: Oves Natantes Press, 2015.
<http://manifesto.floatingsheep.org>.
- Zook, M.,** Graham, M, and A. Boulton. (2014). Crowd-Sourced Augmented Realities: Social Media and the Power of Digital Representation. Chapter in S. Mains, J. Cupples, and C. Lukinbeal. *Mediated Geographies/Geographies of Media*. Springer Science International Handbooks in Human Geography
- Zook, M.** and A. Poorthuis. (2014). Offline Brews and Online Views: Exploring the Geography of Beer Tweets. Chapter in M. Patterson and N. Hoalst-Pullen *Geographies of Beer*. Springer. 201-209
- Zook, M.** and J. Breen. (2014). Mapping Mashup. Encyclopedia Entry for Wiley-AAG Encyclopedia Entry for Wiley-AAG *International Encyclopedia of Geography*.
- Graham, M. & **M. Zook** (2014). Augmentierte Geographien: Zur digitalen Erfahrung des städtischen Alltags. *Geographische Rundschau*. 65(6) 18-25
- Souter, D. & **M. Zook** (provided input). (2014). Chapter on Target Nine in Measuring ICT: the global status of ICT indicators. UN Partnership on Measuring ICT for Development.
- Shelton, T and **M. Zook** (2013). Information Society, Geography of. Entry in *International Encyclopedia of Social and Behavioral Sciences* 2nd Edition. 4500 words. (Ed: James Wright)
- Poorthuis, A and **M. Zook.**(2013). Spaces of Volunteered Geographic Information. *Ashgate Research Companion on Geographies of Media* (P. Adams, J. Craine & J. Dittmer eds.)
- Graham, M., Shelton, T., & **M. Zook** (2013). Mapping Zombies: A Guide for Pre-Apocalyptic Analysis and Post-Apocalyptic Survival. In *Zombies in the Academy: Living Death in Higher Education*. Eds. Whelan, A., Walker, R., and Moore, C. Chicago: University of Chicago Press
- Zook, M.** (2013). Making Currency Personal: The Salutary Tale of the Downfall of the Domdrachma. Chapter in *The Immersive Internet* (Robin Teigland and Dominic Power Eds.) Palgrave. 238-246
- Boulton, A and **M. Zook.** (2013). Coding cultural geographies: landscape, locative media and the map. Chapter in *Wiley-Blackwell Companion to Cultural Geography*. N. Johnson, R. Schein and J. Winders (eds.) 437-451

- Zook, M.** (2012). The Virtual Economy. Chapter for *The New Companion to Economic Geography* (Eds. J. Peck, T. Barnes and E. Sheppard). 298-312
- Zook, M and T. Shelton. (2012). The Integration of Virtual Flows into Material Movements within the Global Economy. Chapter in *Cities and Flows* (P. Hall and M. Hesse Eds.) pp. 42-57
- Zook, M.,** Graham, M. & T. Shelton. (2011). Analyzing global cyberscapes: mapping geocoded internet information. Proceedings of the 2011 iConference (iConference '11).
- Zook, M.,** Graham, M. and T. Shelton. (2011). The Presidential Placemark Poll. In Atlas of the 2008 Elections (S. Brunn Editor). Pp. 43-45
- Zook, M.** (2010). Digiplace and cyberscapes: Rethinking the digital divide in urban America. Chapter in Kate Williams (editor). *eChicago 2009*, The University of Illinois at Urbana Champaign Graduate School of Library and Information Science
- Zook, M.** and M. Samers. (2010). Tele-mediated servants and self-servants of the new economy: labor in the era of the ICT enabled E-commerce. Chapter in Susan McGrath-Champ, Al Rainnie and Andy Herod (eds.) *Handbook of Employment and Society: Working Space*, London: Edward Elgar. 124-143
- Zook, M.** (2009). Internet, Economic Geography. In Kitchin R, Thrift N (eds) *International Encyclopedia of Human Geography*, Volume 5, pp. 555-561. Oxford: Elsevier.
- Zook M, Dodge M. (2009). Mapping, Cyberspace. In Kitchin R, Thrift N (eds) *International Encyclopedia of Human Geography*, Volume 6, pp. 356-367. Oxford: Elsevier
- Dodge, M. and **M. Zook** (2009). Internet Measurement. In Kitchin R, Thrift N (eds) *International Encyclopedia of Human Geography*, pp. 569-579. Oxford: Elsevier
- Zook, M.** and M. Graham. (2007). From Cyberspace to DigiPlace: Visibility in an Age of Information and Mobility. Chapter in *Societies and Cities in the Age of Instant Access* Eds. Harvey Miller and Howard Rheingold. 231-244
- Zook, M.** (2007). The New Old Thing: E-Commerce Geographies after the Dot-Com Boom. In *Geographies of the New Economy* eds. Peter Daniels, John Beaverstock, Michael Bradshaw and Andrew Leyshon. Routledge. Pp. 87-109
- Grubestic, T., Horner, M, **Zook, M.** and T. Leinbach. (2006). Global Distribution Systems and the U.S. Commercial Air Industry: Gathering Real-Time Airline Flight and Fare Information for Spatial and Economic Analysis. Forthcoming in the *Proceedings of the Transportation Research Board Annual Meeting*, Washington DC
- Zook, M.** and M. Graham. (2006). Wal-Mart Nation: Mapping the Reach of a Retail Colossus. In *Wal-Mart Nation*. ed. S. Brunn. Routledge. 15-25
- Zook, M.** (2006). The Geographies of the Internet. In *Annual Review of Information Science and Technology (ARIST)* ed. B. Cronin. Volume 40. 53-78
- Zook, M.,** Dodge, M., Aoyama, Y., and A. Townsend. (2004). New Digital Geographies: Information, Communication, and Place. In *Geography and Technology*. Brunn, Cutter and Harrington (eds.). Kluwer Academic Publishers. 155-176
- Zook, M.** (2004). Cyberspace and local places: Dot-com geography in the late 1990s. In *The Cybercities Reader*. Steve Graham (ed.). Routledge. 205-212

(d) Book Reviews

- Zook, M.** (2012). Review of Code/Space: Software and Everyday Life by Rob Kitchin and Martin Dodge. *Regional Studies*. 1105-1106
- Zook, M.** (2010). Review of International Business Travel in the Global Economy. *Journal of Economic Geography*. Vol 10 (6). 941-943
- Zook, M.** (2005). Review of Cooperation, Networks and Institutions in Regional Innovation Systems. *Economic Geography*. 81(1)
- Zook, M.** (2004). Review of Internet, Economic Growth and Globalization. *Growth and Change*. 35(4). 545-547
- Zook, M.** (2004). Review of The Internet on Earth: A Geography of Information. *Regional Studies*. 38 (2): 227-228

(e) Work Currently in Peer Review/Preparation

- Grote, M. and **M. Zook**. 2022. The role of capital markets in saving the planet and changing capitalism (just kidding!). Under review at *Journal of Economic Geography*.
- Wojcik, D., Grote, M., and **M. Zook**. Sticky substance with sticky power: oil in global production and financial networks. Under review at *Environment and Planning A*
- Poorthuis, A, and **M. Zook, M.** 2022. The 15-minute countryside: shifting daily urban systems and the dependability of public transportation in rural Netherlands. Under review at *Journal of Transport Geography*.
- Zook, M.** and M. McCanless. 2022. Changing Spaces of Ownership: Web3, NFTs and the Financialization of Everything. In preparation.

(f) Other Publications

- Zook, M.** (2006). Expert Witness Report on the Location of the Internet Adult Industry. Commissioned by the American Civil Liberties Union (ACLU) for ACLU vs. Gonzales (47 U.S.C. 231, commonly referred to as COPA)
- Zook, M.** (2002). The geography of venture capital firms. *Journal of Biolaw and Business*. Vol 5. No 3
- Zook, M.** (2001). Connected is a matter of geography. *netWorker*. Vol. 5 No. 3. 13-17
- Zook, M.** (2000/2001/2002) Geography matters: Differences between venture capital firms in US cities in *Pratt's Guide to Venture Capital Sources*. Securities Data Pub. New York
- Zook, M.,** C. Benner and A. Kim (eds.). (1997-98). Vol. 12 of the *Berkeley Planning Journal*

Funding Received and Pending

- 2021 (pending). PI. How the Covid-19 Pandemic Changed Intra-Urban Mobility (in collaboration with partners at KU Leuven (Belgium) and Tartu University (Estonia). Urban Studies Foundation. (\$34,000).
- 2021 (pending). Co-PI. Pandemic Polycentricity? Mobility and Migration Patterns over the Course of the COVID-19 Pandemic. Submitted to the Trans-Atlantic Partnership (T-AP) Recovery, Renewal and Resilience in a Post-Pandemic World (RRR). (\$199,960 for my portion).
2019. PI. Cryptocurrencies and New Spaces of Finance. NSF – Geography and Spatial Sciences. (\$285,806).

2016. Co-PI. Conference: 2016 Summer Institute in Economic Geography. NSF – Geography and Spatial Sciences. (\$44,500)
2015. Primary Investigator. The Working Lives and Spatial Practices of Digital Media Developers" (with Daniel Cockayne) NSF – Doctoral Dissertation Improvement Award. (\$15,783)
2014. Creating New Maps+: A Proposal for an Online Professional Mapping Certificate and a Professional Master's in Mapping. Provost, University of Kentucky. (\$199,336)
2013. Teaching/Research Award in Estonia. Fulbright Scholar Program. 2013-14
2012. Primary Investigator. Building *Better Data Access for the Analysis of Geocoded Twitter and Flickr data*. Research Support Grant program sponsored by the Office of the Vice President for Research of the University of Kentucky. (\$10,000)
2007. Teaching/Research Award in Estonia. Fulbright Scholar Program. 2007–08. (Declined)
2007. Primary Investigator. *The Baltic Tiger: The cultural economy of the Estonian software cluster*. National Geographic Society's Committee for Research and Exploration (\$19,920)
2007. Primary Investigator. New Silk Roads: Promises and Perils of the Internet in the Thai Silk Industry (with Mark Graham) NSF – Doctoral Dissertation Improvement Award. (\$11,990)
2005. Primary Investigator. *Connecting Cyberspace to Place: Understanding the Evolution of Transactions and Value Chains in Electronic Commerce*. National Science Foundation-Geography and Regional Science. Award Period 2005-2008. (\$144,000)
2005. *Your m0r[gage is appr0ved - unsolicited bulk mail as a "legitimate" marketing channel*. University of Kentucky. Research Challenge Trust Fund Summer Research Program. (\$4,500)
2004. *Web Culture*. U.K. Research Challenge Trust Fund Summer Research Program. (\$4,500)
2003. *eBay and the Geography of Electronic Commerce*. University of Kentucky. Summer Faculty Research Fellowship. (\$6,000)

Academic Honors

- University Research Professor. University of Kentucky (2018).
- Ashby Prize for the most innovative paper, *Environment and Planning A*, (2014)
- Fulbright Scholar Award, Estonia, (2013-2014)
- Provost Teaching Award, University of Kentucky, (2013)
- Outstanding Geography Teaching Award, University of Kentucky UKGS, (2012)
- Fulbright Scholar Award, Estonia, (2007-2008, declined)
- Research Challenge Trust Fund Summer Research, University of Kentucky, (2004 & 2005)
- Participant in the Summer Institute in Economic Geography, (2003)
- ACSP-HUD Excellence in Urban Policy Scholarship Award, (2000)
- California Planning Roundtable Munsell Scholarship Award, (1998)
- Inside Field Exam, Honors, UC Berkeley, (1997)
- Planning Theory Field Exam, Honors, UC Berkeley, (1996)
- Chancellor Fellowship, UC Berkeley, (1995)
- National Science Foundation Fellowship (Honorable Mention), (1994)
- Foreign Language Area Studies Scholarship, Dept. of Education, (1994)
- Bartels Fellowship Travel Grant, Cornell University, (1994)
- Sage Graduate Fellowship, Cornell University, (1993)
- Earlham College Honors, (1989)

Editorships

Managing Editor, *Big Data and Society* (2017 -). <http://bds.sagepub.com/>

Founding Editorial Board Member and Co-Editor, *Big Data and Society* (2014-2017).
<http://bds.sagepub.com/>

Founding Associate Editor, *GeoHumanities* (2015 -).

Council for Big Data, Ethics and Society (2014 - 16). <http://bdes.datasociety.net/>

Editorial Board Member, *Transactions of the Institute of British Geographers* (2017 -). *Annals of the American Association of Geographers* (2017 -). *Cambridge Journal of Regions, Economy and Society*. (2011 - 2019). *Journal of Location Based Services* (2018 -). *Environment and Planning A* (2012 - 2017) *Geography Compass* (Blackwell) 2010-2012

Guest Editor. (2015). With Menno-Jan Kraak and Rein Ahas. Special Issue on “Geographies of Mobility: Applications of Location Based Data” in the *International Journal of GIS*

Guest Editor. (2009). With Rob Kitchin and Martin Dodge. Special Issue on “Software and Space” in *Environment and Planning A*. 2009

Guest Editor. (2003). With Sean O' Riain and Balaji Parthasarathy. Symposium: Flows and Filters: The Politics of ICT Regions in a Global Economy. *International Journal of Urban and Regional Research*

Academic Service and Membership

University of Kentucky Service:

Graduate Committee, Geography Department (2005-06, 2010-13 (chaired); 2017-present)
College of Arts and Sciences, Natural and Mathematical Sciences Area Committee Promotion review (2018-19, 2020-21)

GIS Initiatives/New Mappings Collaboratory, Geography Department (2011-present)

External Relations, Geography Department (2018-19, 2021-presentt)

Chair, Search Committee, Geography Department (2017-18)

Committee on Computer Based Research, College of Arts and Science (2014 - 16)

Executive Committee, College of Arts and Science (2010)

GenEd Social Science Faculty Curricular Team, University (2009)

Faculty Merit Review Committee, Geography Department (2011-13)

Chair Search Committee, Geography Department (2011-12)

Diversity Committee, Geography Department (2009-10: Chaired)

Undergraduate Committee, Geography Department (2002-04, 2006-08: Chaired)

Faculty Search Committee, Geography Department (2006, 2010: Chaired)

External Relations Committee, Geography Department (2006-08)

Nottingham Exchange, Geography Department (2005-06: Chaired)

Colloquium Committee, Geography Department (2002-03, 2006-07: Chaired)

Academic Conference Service:

FinGeo Summer School: Organizing Committee for 2021 Virtual Meeting.

Summer Institute in Economic Geography: Organizing Committee for 2016 Meeting at University of Kentucky.

Global Economic Geography Conference: Organizing Committee for 2015 Meeting at Oxford University. Chair of *Digital Economies* Track

Mobile Tartu: Scientific Program Committee (2014)

AAG: Organizer for two sessions on “New Directions in Mapping” AAG-2015 (Chicago) the #Geo/Code Symposium with three sessions AAG-2014 (Tampa) twelve sessions AAG-2013 (Los Angeles) two sessions AAG-2012 (New York) three sessions AAG-2011 (Seattle) two sessions AAG-2009 (Las Vegas) two sessions AAG-2007 (San Francisco) one session AAG-2005 (Denver) three sessions-AAG-2003 (New Orleans) two sessions AAG-2002 (Los Angeles) one session ACSP-2000 (Atlanta)

Memberships:

Member of the Association of American Geographers and Southeastern Division of the Association of American Geographers

Member of the AAG's Economic Geography Specialty Group's student paper competition review board (2004, 2007, 2015) and dissertation competition review board (2008)

Journal Article and Grant Reviews (* indicates number of reviews completed)

2018-present: Estimate that I do 12 per year mostly for journals for which I am an editorial board member. Given my role as Managing Editor for *Big Data and Society* I slowed my review work for other journals.

2017 (12 reviews) (a) *Environment and Planning A** (b) *Transactions of the Institute of British Geographers** (c) *Journal of Economic Geography** (d) *Social and Cultural Geographies** (e) *Geohumanities**** (f) *International Journal of Geographical Information Science** (g) *Cultural Geographies** (h) *Progress in Human Geography** (i) *Regional Studies** (j) *Transactions in GIS**

2016 (14 Reviews) (a) *Annals of the Association of American Geographers** (b) *Environment and Planning A** (c) *GeoForum*** (d) *GeoHumanities*** (e) *Economy and Society** (f) *Big Data and Society****; (g) *Journal of Planning Education and Research** (h) *Third World Quarterly** (i) *Antipode** (j) *Ledger**

2015 (12 Reviews) - (a) *Computers, Environment and Urban Systems*** (b) *Economic Geography*** (c) *Environment and Planning A** (d) *Big Data and Society***; (e) *International Journal of Geographical Information Science*** (f) *GeoHumanities**** (g) *GeoForum**

2014 (24 Reviews) - (a) *Environment and Planning D*** (b) *GeoJournal** (c) *European Conference on Information Systems** (d) *Big Data and Society**** (e) *Templeton Religion Trust** (f) *Environment and Planning A*** (g) *GeoForum** (h) *Progress in Human Geography*** (i) *Transactions in GIS*** (j) *Annals of the Association of American Geographers*** (k) *Geographic Journal** (l) *Journal of International Communication** (m) *Space and Polity** (n) *Journal of Urban Technology** (o) *American Ethnologist** (p) *Professional Geographer** (q) *International Journal of Geographical Information Science**

2013 (28 Reviews) - (a) *Computers, Environment and Urban Systems*** (b) *Professional Geographer** (c) *International Journal of Geographical Information Science*** (d) *Environment and Planning D*** (e) *Research in Transportation Business and Management** (f) *Antipode*** (g) *Transactions of the Institute of British Geographers** (h) *Urban Geography** (i) *WikiSym 2013*** (j) *Cambridge Journal of Regions, Economy and Society** (k) *Environment and Planning A**** (l) *Journal of Urban Technology** (m) *Tijdschrift voor economische en sociale geografie** (n) *Geography in Higher Education** (o) *Annals of the Association of American Geographers** (p) *Progress in Human Geography** (q) *Canadian*

- Geographer** (r) *Geoforum** (s) *European Planning Studies* (*) (t) *Cultural Geographies** (u)
*Big Data and Society**
- 2012 (18 Reviews)** - (a) *Transportation Research Part A: Policy and Practice** (b) *New Media & Society*** (c) *Professional Geographer*** (d) *Journal of Economic Geography*** (e) *Global Networks** (f) *International Journal of the Digital Earth** (g) *Professional Geographer** (h) *Economic and Social Research Council** (i) *Geographical Bulletin** (j) *GeoJournal** (k) *GeoForum** (l) *Transactions in GIS** (m) *Environment and Planning D** (n) *European Urban and Regional Studies** (o) *Research in Transportation Business and Management**
- 2011 (13 Reviews)** - (a) *Journal of Economic Geography*** (b) *Political Geography** (c) *International Journal of Trade and Global Markets** (d) *Cambridge Journal of Regions, Economy and Society** (e) *Industrial Geographer** (f) *Journal of Planning Education and Research** (g) *Journal of Urban Technology** (h) *Environment and Planning A**** (i) *Convergence** (j) *Environment and Planning D**
- 2010 (26 Reviews)** - (a) *Annals of the Association of American Geographers** (b) *Journal of the American Society for Information Science and Technology** (c) *Cartography and Geographic Information Science (CaGIS)*** (d) *Natural Hazards*** (e) *Social Networks*** (f) *International Journal of Geography** (g) *Progress in Human Geography*** (h) *Economic Geography** (i) *Environment and Planning A**** (j) *GeoForum** (k) *Environment and Planning D*** (l) *Growth and Change*** (m) *Geografiska Annaler Series B: Human Geography** (n) *Political Geography** (o) *Cambridge Journal of Regions, Economy and Society** (p) *Professional Geographer** (q) *Environment and Planning C** (r) *First Monday** (s) *Geography Compass**
- 2009 (7 Reviews)** – (a) *International Journal of Urban and Regional Research** (b) *Journal of Economic Geography** (c) *Tijdschrift voor economische en sociale geografie*** (d) *Canadian Geographer** (e) *Urban Studies** (f) *Journal of Planning Education and Research**
- 2008 (11 Reviews)** – (a) *European Urban and Regional Studies** (b) *Journal of Economic Geography** (c) *International Journal of Urban and Regional Research** (d) *Journal of Urban Affairs** (e) *Urban Studies** (f) *Geographic Compass** (g) *Environment and Planning A*** (h) *Urban Affairs** (i) *Journal of Planning Education and Research** (j) *Tijdschrift voor economische en sociale geografie**
- 2007 (16 Reviews)** – (a) *Environment and Planning A*** (b) *Journal of Economic Geography** (c) *Social and Cultural Geography** (d) *Gender, Place and Culture**** (e) *International Journal of Urban and Regional Research*** (f) *Transactions of the Institute for British Geographers** (g) *Economic Geography** (h) *European Urban and Regional Studies** (i) *Geoforum** (j) *Professional Geographer** (k) *Cambridge Journal of Regions, Economy and Society** (l) *Growth and Change**
- 2006 (16 Reviews)** – (a) *Geoforum***** (b) *Economic Geography*** (c) *Journal of Planning Education and Research** (d) *GeoJournal** (e) *Annals of the Association of American Geographers*** (f) *Professional Geographer*** (h) *Environment and Planning A*** (i) *Information Society** (j) *Transactions of the Institute for British Geographers**
- 2005 (14 reviews)** – (a) *Southeastern Geographer** (b) *Geoforum** (c) *Journal of Geographical Systems** (d) *Journal of Economic Geography****** (e) *Environment and Planning A** (f) *Industrial and Corporate Change** (g) *Journal of Planning Education and Research** (h) *Environment and Planning B*(i)* *Geopolitics** (j) *Information Society**
- 2004 (11 reviews)** – (a) *Environment and Planning B** (b) *Economic Geography** (c) *Journal of Economic Geography*** (d) *Geoforum** (e) *Urban Geography** (f) *Knowledge, Technology & Policy** (g) *International Journal of Technology Management** (h) *Progress in Human Geography** (i) *Environment and Planning A** (j) *Political Geography**

2003 (8 reviews) - (a) *Environment and Planning A*** (b) *Geoforum** (c) *The Industrial Geographer** (d) *Growth and Change*** (e) *Telecommunications Policy** (f) *Tijdschrift voor economische en sociale geografie**

2002 (5 reviews) - (a) *Environment and Planning A** (b) *Annals of the Association of American Geographers** (c) *Journal of Economic Geography** (d) *Growth and Change** (e) *Journal of Appalachian Studies**

2001 (2 reviews) - (a) *Environment and Planning A** (b) *Environment and Planning B**

2000 (1 review) - (a) *Environment and Planning B**

Reviewer for Social Science and Humanities Research Council of Canada (2002)

Reviewer for the National Science Foundation-Geography and Regional Science (2005-2013)

Presentations

(a) Keynotes

Zook, M. (2021). Keynote Lecture: Digital Geographies. Workshop on Digital Geographies. University of Fribourg. May 27th-28th.

Zook, M. (2020). Keynote Lectures for the International Seminar in Economic Geography. Leibniz University Hannover, Germany. Nov 30 – Dec 3rd. Delivered online due to Covid-19 restrictions.

Zook, M. (2019). Capturing Currency: The Materiality and Ideology of Blockchain. 1st FINGEO Conference. Beijing, China.

Zook, M. (2019). Placing Social Media: Digital Geographies of Urban Inequality and Economic Attention. Humboldt Lecture. University of California, Los Angeles. May 8.

Zook, M. (2018). Promise and Pitfalls of Big Data. 17th Annual Cancer Prevention Fellowship Program Fall Symposium, National Institute of Health, September 6, Bethesda, MD.

Zook, M. and T. Shelton. (2018). Placing big data: political and societal dimensions of big data. 2018 Summer School of the LabEx DynamiTe (French University Cluster of Excellence Territorial and Spatial Dynamics). Florence Italy, September 24-28.

Zook, M. (2017). Attentional Social Media: Mapping the Spaces and Networks of the Fashion Industry. Institute of Australian Geographers, July 12-14, Brisbane.

Zook, M. (2016). Socializing Data: Mapping Culture & Governance in the Era of Smart Cities. Regional Studies Association 2nd North America Conference: Cities and Regions: Managing Growth and Change. Atlanta, USA.

Zook, M. (2016). New Digital Geographies: Researching the Geoweb and Social Media. Geoinformatiikan Valtakunnalliset Tutkimuspäivä, FIUGINET. University of Helsinki. May 10.

Zook, M. (2016). Socializing Data: Mapping Culture and Governing Cities in the Era of Big Social Media. Arthur H. Robinson Colloquium. Ohio State University. February 19, 2016

Zook, M. (2015). Digital Economies: Reconfiguring Uneven Digital Geographies (plenary panel). 4th Global Conference on Economic Geography. University of Oxford. Oxford, UK.

Zook, M. (2014). Sharing Research Data for Advancing Innovation and Scholarship. Generation Open: Researchers' Roles in the Age of Openness. University of Kentucky Libraries. October 23.

Zook, M. (2014). Urban augmented realities and geography. Mobile Tartu. University of Tartu, Estonia. July 3

- Zook, M.** (2014). Beyond the geotag. Digital Methods Summer School. University of Amsterdam, Netherlands. June 25
- Zook, M.** (2011). *Augmented Reality in Urban Places: Blending Digital and Material Geographies*. Keynote address at the PennState no)Boundaries Graduate Student Conference. State College, PA. March 19
- Zook, M.** (2009). *Cyberscapes and Digiplace: Rethinking the Digital Divide in Urban America*. Keynote address at the eChicago 2009 – Cybernavigating our Cultures Conference. Dominican University. River Forest, Illinois. April 2
- Zook, M.** (2004). Keynote address at the meeting on *The geography of the Internet: Cities, places and fluxes of information*. Science, Technology and Society workshop at the Instituto Superior Tecnico. Lisbon, Portugal. June 7-8
- Zook, M.** (2003). *Mapping Trends in .ca Domain Name Usage*. Keynote Address at Canadian Internet Registration Authority’s Annual General Meeting. Montreal, Canada. June 25,

(b)Invited Talks

- Zook, M.** 2022. Mapping the Uneven Geographies of the Digital Economy: The Case of Blockchain. Virtual Talk at Department of Geography at CAU Kiel (Germany). January 10th.
- Zook, M.** 2021. Panelist on a AAG Webinar on “Ethical Issues of Using Geospatial Data in Health Research or Policies During the COVID-19 Pandemic and Beyond”. December 2,
- Zook, M.** 2021. Exploring Collaborative Data Work. Summer on Financial Geography. MIT. June 21-24. (Also part of the organizing committee for this summer school).
- Zook, M.** 2021. Big Data: Ethics, Resources, and Potential Collaboration. VPR Lunch & Learn. University of Kentucky. Feb 24.
- Poorthuis, A. and **Zook, M.** 2020. Efficacy and Ethics: Reflections on a Decade of Using Crowd-sourced Geo-data to Study Urban Phenomena. Virtual Symposium on Big Data and Neighborhood Change (UC Berkeley & University of Sydney). August 10-25. Via Zoom.
- Zook, M.** (2020). Digital Geography Research Group 4th Annual Symposium Using the Digital: Research Methods, Teaching, and Everyday Practice. July 1. Via Zoom.
<https://youtu.be/id3ZtD8-kDs>
- Zook, M.** 2020. Panel Session: Economic Geographers respond to COVID-19. AAG Virtual Panel. <https://zoom.us/j/751210253>
- Zook, M.** Poorthuis, A. and T. Shelton (2020). Understanding changing urban relationalities: mapping gentrification using social media data. Predicting Neighborhood Change Using Big Data and Machine Learning Symposium January 9-10, UC-Berkeley, Berkeley Institute for Data Science.
- Zook, M.** (2019). Crypto-Geographies: Locating the Technical and Social Dimensions of Blockchain. 2019 Association of Internet Researchers (AoIR) Conference. Brisbane, Australia. October 4.
- Zook, M.** (2018). Response to Anticipatory Social Research Position Paper. SSRC Event on Anticipatory Social Science. New York, October 19.
- Zook, M.** (2018). Hacking Code/Space: Confounding the Code of Global Capitalism. Mobile Tartu, Tartu Estonia, □ June 28-29.
- Zook, M.** (2018). Using Social Media and Big Data in Urban Geography and Smart City Research. IRS Spring Academy, Erkner, Germany, □ May 23.

- Zook, M.** (2018). Hacking Code/Space: Confounding the Code of Global Capitalism. IRS Spring Academy, Erkner, Germany, □ May 23.
- Zook, M.** (2018). The Promise and Ethical Concerns of Using Geotagged Social Media Data in Spatial Research. National Academies of Sciences, Engineering, and Medicine, Geographical Sciences Committee (GSC). May 15.
- Zook, M.** (2017). Crowd-sourcing the Smart City: Big Geosocial Media Data, Ethics and Urban Governance. GIS Day at the University of Cincinnati, Geography
- Zook, M.** (2017). TLD Analytics. TechDay at the ICANN 59 Meeting. Johannesburg, South Africa.
- Zook, M.** (2017). Mapping Online Culture and Digital Place Making. Victoria University of Wellington. May 4. Wellington, New Zealand.
- Zook, M.** (2017). Crowd-sourcing the Smart City: Big Geosocial Media Data, Ethics and Urban Governance. University of Otago. May 4. Dunedin, New Zealand.
- Zook, M.** (2017). Crowd-sourcing the Smart City: Big Geosocial Media Data, Ethics and Urban Governance. Tartu University Geograafia Osakond. March 30. Tartu, Estonia.
- Zook, M.** (2017). Attentional Social Media: Mapping the Spaces and Networks of the Fashion Industry. National University of Singapore, Department of Geography. March 3. Singapore.
- Zook, M.** (2017). Crowd-sourcing the Smart City: Big Geosocial Media Data, Ethics and Urban Governance. Singapore University of □ Technology and Design (SUTD). March 1. Singapore.
- Zook, M.** (2016). Socializing Data: Mapping Culture & Governance in the Era of Smart Cities. University of Auckland, Department of Geography. September 22. Auckland, New Zealand.
- Zook, M.** (2016). Mapping the Dynamic Divides within the Digital. Space, Place, and Geographic Thinking in the Humanities, Center for Geographic Analysis, Harvard University. April 29. □
- Zook, M.** (2016) Socializing Data: Mapping Culture and Governing Cities in the Era of Big Social Media. State University of New York at Buffalo, Geography Department. April 8.
- Zook, M.** (2015). White Paper on “The Crowd, the Cloud, and Urban Governance”. Symposium at the University of Illinois, Chicago. Department of Urban Planning and Policy. April 20
- Zook, M.** (2015). Coding the City: GeoSocial Media and Changing Urban Imaginaries. University of Arizona, Geography. April 3
- Zook, M.** (2015). Language, Location and Social Media. University of Kentucky, Linguistics Incubator for Collaborative Digital Research (LINCD Research). March 27
- Zook, M.** (2015). Coding the City: GeoSocial Media and Changing Urban Imaginaries. Ralston Speaker. University of Tennessee, Geography. February 26. Invited but cancelled due to weather.
- Zook, M.** (2014). Making Sense of Geosocial Media: Asking Questions and Escaping Mental Ruts. Oxford Internet Institute, Summer Doctoral Program (United Kingdom). July 17
- Zook, M.** and A. Poorthuis. (2014). Data Visualization for Public Health: Promises and Challenges. World Health Organization. Geneva (Switzerland). April 15
- Zook, M.** (2014). Space, Social Media & Society: Mapping the Cyberscapes of the Bronze Soldier. Tallinn University. Tallinn (Estonia). March 28
- Zook, M.** (2014). Space, Geosocial Media and Society: Augmented Realities and the Power of Digital Representation. Tokyo Metropolitan University (Japan). March 22

- Zook, M.** (2014). Space, Geosocial Media and Society: Augmented Realities and the Power of Digital Representation. Doshisha University (Japan). March 17
- Zook, M.** (with Michael Grote). (2014). The Microgeographies of Global Finance: High Frequency Trading, ICTs and the Construction of Information Inequality. Oxford Internet Institute (UK). February 20
- Zook, M.** (2014). Mobility, Big Data, Relational Networks and Geography. Data Practices Seminar and Goldsmiths. London (UK). February 19
- Zook, M.** (2014). The Microgeographies of Global Finance: High Frequency Trading and the Construction of Information Inequality. Uppsala University (Sweden). January 31
- Zook, M.** (2013). Mapping the Cyberscapes of the Bronze Soldier. Seminar on Linna- ja rahvastikugeograafilised suundumused Eestis, Estonian Academy of Science. Tallinn (Estonia). November 12
- Zook, M.** (2013). Crowd-Sourced Augmented Realities: Big Social Media and the Power of Digital Representation. IT University of Copenhagen (Denmark). October 29
- Zook, M.** (2013). Space, Social Media & Society: Mapping the Cyberscapes of the Bronze Soldier. Tartu University (Estonia). October 15
- Zook, M.** (2013). The Integration of Virtual Flows into Material Movements within the Global Economy. Catholic University of Eichstätt-Ingolstadt. (Germany). July 10
- Zook, M.** (2013). Big Data, Augmented Realities & Urban Spaces. University of Heidelberg (Germany). July 9
- Zook, M.** (2012). Studying the web and Using the web. *Workshop on Planning Technology*. Ohio State University, Department of City and Regional Planning. March 31. (via Skype)
- Zook, M.** (2011). Panel participant on IT/social media and disaster resilience. The National Academies Committee on Increasing National Resilience to Hazards and Disasters Meeting. Irvine, CA. May 24
- Zook, M.** (2010). Social Perspectives on Spatio-Temporal Constraints on Social Networks. University of California, Santa Barbara. December 13-14
- Zook, M.** (2010). Open Geographies: Google Maps and GIS research. *Open 2.0: Transparency and Open Access to information Conference*. University of Kentucky. Oct 19-20
- Zook, M.** (2010). Subverting the Space of Flows: Frequent Flyer Miles and Airline Hackers. *University of Kentucky Geography Colloquium Series*. Sept 18
- Zook, M.** 2010 Ubiquitous Information or Digital Archipelagos? Analyzing Geographies of User-Generated Content. *Oxford Internet Institute. Summer Doctoral Program*. July 6
- Zook, M.** (2010). Mapping Religious Cyberscapes: Google and User Generated Religion. *New Technologies and Interdisciplinary Research on Religion, Harvard University* March 12-13
- Zook, M.** June 5, (2008). Analysis of Factors of Demand for Domain Names in CENTR Member Registries. *CENTR's 36th General Assembly*. Crete, Greece
- Zook, M.** October 25, (2007). Study of the Factors Behind the Demand for Country Code Domain Names. APTLD Meeting. Bangkok, Thailand. (via conference call)
- Zook, M.** October 4, (2007). GoogleMaps and the Privatization/Wikification of Cartography. Digital Scholarship Colloquium. University of Kentucky

- Zook, M.** October 27, (2006). The Creative Reconstruction of the Internet: Code, Internet Mapping and the Representation of Place. Department of City and Regional Planning. University of Pennsylvania.
- Zook, M.** October 10, (2006). The State of the Domain. CENTR.org Meeting. Toronto, Canada.
- Zook, M.** April 16, (2004). Global Cities, Bypassed Places and Underground Nodes: Understanding the Global Geography of the Internet. Geography Department. University of Cincinnati.
- Zook, M.** July 3, 2003. The Knowledge Brokers: Venture Capitalists, Tacit Knowledge and Regional Development. Institut für Volkswirtschaftslehre. Goethe-Universität. Frankfurt, Germany
- Zook, M.** April 16, 2003. The new old thing: E-commerce geographies after the dot-com boom. Presentation at the Reflections on the 'New Economy'. University of Nottingham, UK
- Zook, M.** March 13, 2003. E-commerce and Geography. University College London. (via web streaming)
- Zook, M.** June 17, 2002. Cyberspace and Cities: Global centers and peripheral places. University of California, Berkeley

(c) Conference Presentations

- Zook, M.** and I. Spangler. (2021). Data brokers and platform capitalism: Analyzing transparency as material infrastructure in debt markets. October 28, 2021, II Digital Geographies Conference (Virtual, Hosted by University of Lisbon, Portugal)
- Zook, M.** and M. Grote. (2020). Old Finance in New Cryptos: The Pesky Persistence of Power, Structure and Geography. Global Network of Financial Geography (FinGeo) Online Workshop. Vrije Universiteit Brussel. 25-26 November 2020
- Zook, M.** and M. Grote. (2018). Raising Valueless Capital: Initial Coin Offerings and the Reorganization of Exchange. Paper presented at the Global Conference on Economic Geography. July 27, 2018 -- Cologne, Germany.
- Zook, M.** and J. Blakenship (2018). Spaces of Disrupting Value: Blockchains in 21st Century Financial Technology. Paper presented April 13, 2018, AAG New Orleans.
- Zook, M.** (2017). Hacking Code/Space: Confounding the Code of Global Capitalism. Paper presented at SEDAGG, Starkville, MS.
- Zook, M.** and M. Grote. (2017). Geographical limits to arbitrage in the global oil market. Paper presented at AAG, Boston.
- Zook, M.** (2016). Devolving States and Quantifying Individuals: The Contradictory Cases of Bitcoin and Smart Cities. Paper at the AAG Conference. San Francisco, CA.
- Zook, M.** (2016). Panel: Geoprivacy. AAG Conference. San Francisco, CA.
- Zook, M.** (2016). Panel: Tracing Underground, Overlooked and Non-Human Spaces in the Digital World. AAG Conference. San Francisco, CA.
- Zook, M.** (2015). Information Flows and the New Digital Spaces of the Global Economy. 4th Global Conference on Economic Geography. University of Oxford. Oxford, UK.
- Zook, M.** (2015). Panel: Work and labor in sharing economies (discussant). 4th Global Conference on Economic Geography. University of Oxford. Oxford, UK.
- Zook, M.** (2014). Social media and the city: using big data and critical geovisualization for urban research. Mobile Tartu Conference. July 1-3. University of Tartu, Estonia

- Zook, M.** and Ate Poorthuis. (2014). To Tweet or not to Tweet? Exploring the Demographic Data Shadows of Twitter. Paper at the AAG Conference. Tampa, FL
- Zook, M.** (2014). Visioning GIScience Education. Panel at the AAG Conference. Tampa, FL
- Zook, M.** (2014). alt.conference on Big Data: Opening Panel. Panel at the AAG Conference. Tampa, FL
- Zook, M.** (2013). On criticality in mapping: GeoDesign, GIS, and Planning. Panel at the AAG Conference. Los Angeles, CA
- Zook, M.** (2013). Crowd Tasting the IronSheep Maps. Panel at the AAG Conference. Los Angeles, CA
- Zook, M.** (2013). DOLLY and the Questing Beast: Adventures in Twitterspace. Panel at the AAG Conference. Los Angeles, CA
- Zook, M.** (2012). Mapping Zombies. Paper presented at the SEDAGG Conference. Asheville, NC. Nov. 19-20
- Zook, M.** (2012). VGI: Does it have a future? Paper presented at the AAG Conference. New York, NY
- Graham, M and **M. Zook.** (2011). Augmented realities and uneven geographies: Exploring the geolinguistic contours of the Web. Paper presented at iCS/OII Symposium: A Decade in Internet Time Oxford, UK. September 21 -23.
- Zook, M.** (2011). Defining the digital territoriality of economic geography. Paper presented at the Global Economic Geography Conference. Seoul, South Korea
- Zook, M.,** Power, D. and Y. Aoyama. (2011). In defense of the firm: Digital warriors, do-gooders, and reinvention of the firm-centric approach in economic geography. Paper presented at the Global Economic Geography Conference. Seoul, South Korea
- Zook, M.** (2011). Agenda 2020: Rethinking Economic Geography. Panel session at the Global Economic Geography Conference. Seoul, South Korea
- Zook, M.** (2011). Coding Landscapes: Duplicity, Subjectivity and Memory. Paper presented at AAG Conference. Seattle, WA
- Zook, M.** (2011). Cities and Flows. Panel participation at the AAG Conference. Seattle, WA. April 12-16
- Zook, M.** (2011). Geographies of Media and Communication. Panel participation at the AAG Conference. Seattle, WA. April 12-16
- Zook, M.** (2011). Volunteered Geographic Information and Contestation about Meaning. VGI pre-conference before the AAG Conference. Seattle, WA. April 11th
- Zook, M.** (2011). Analyzing global cyberscapes: mapping geo-coded internet information. Paper presented at the 2011 iConference in Seattle, WA
- Zook, M.** (2010). The Social Perspective on VGI. Spatio-Temporal Constraints on Social Networks. (UCSB, December 13)
- Zook, M.** and M. Graham. (2010). The Warped Mirrors of Spatial Search Engines: Analyzing Online Representations of Place. Paper presented at the AAG Conference. Washington, DC
- Zook, M.** (2010). Mapping Religious Cyberscapes: Google and User Generated Religion New Technologies and Interdisciplinary Research on Religion, Harvard University March 12-13.
- Zook, M.** and M. Graham. (2009). Mapping the GeoWeb: The Spatial Contours of Web 2.0 Cyberspace. Paper presented at the AAG Conference. Las Vegas, NV

- Crutcher, M and M Zook. (2009). Placemarks and waterlines: Racialised landscapes in post Katrina Google Earth. Paper presented at the AAG Conference. Las Vegas, NV
- Zook, M.** (2008). Exploring the GeoWeb: An analysis of the extent of user generated spatial data on the Internet. Paper presented at the SEDAAG Conference. Greensboro, NC. Nov 23-25
- Zook, M.** (2008). The Internet and Economic Geography (Part of Industry Studies - RSAI Special Sessions). 55th Annual North American Meetings of the Regional Science Association International. Brooklyn, NY. Nov. 20-22
- Zook, M.** (2007). Manufacturing solutions: explaining e-commerce adoption in U.S. manufacturing firms. Paper presented at the Second Global Conference on Economic Geography. Beijing, China. July
- Zook, M.** (2007). E-commerce Adoption by U.S. Manufacturing Firms and the Role of Customer Initiated Demands. Paper presented at the AAG Conference. San Francisco, CA. April
- Zook, M.** and M. Graham. (2007). The Creative Reconstruction of the Internet: Google and the Privatization of Cyberspace and DigiPlace. Paper presented at the AAG Conference. San Francisco, CA
- Zook, M.** (2006). Your Urgent Assistance is Requested: The Intersection of Imagined Communities and 419 Spam. Paper presented at the AAG Conference. Chicago, IL
- Graham, M. and **M. Zook.** (2006). The Soft-Ware and Hard-Where of GoogleEarth: Privatizing DigiPlace?. Paper presented at the AAG Conference. Chicago, IL
- Zook, M.** and T. Leinbach. (2006). Connecting Cyberspace to Place: Understanding the Evolution of Transactions and Value Chains in Electronic Commerce. Paper presented at the AAG Conference. Chicago, IL
- Grubestic, T., Horner, M, **Zook, M.** and T. Leinbach. (2006). Global Distribution Systems and the U.S. Commercial Air Industry: Gathering Real-Time Airline Flight and Fare Information for Spatial and Economic Analysis. Poster presented at the Transportation Research Board Conference. Washington D.C. January 22-26
- Zook, M.** and M. Graham. (2005). The Making of DigiPlace: Merging Soft-Ware and Hard-Where via GoogleLocal. *Society and Cities in the Age of Instant Access Conference*. Salt Lake City, UT. Nov 10-12
- Zook, M.** (2005). Spam, Spam, Spam, Glorious Spam: Uncovering the Geographic Contours of Bulk, Unsolicited Email. Paper presented at the AAG Conference. Denver, CO
- Zook, M.** (2004). Monster Mapping: Locating Demand for Workers Based on Internet Job Search Engines. Paper presented at the AAG Conference. Philadelphia, PA
- Zook, M.** and S. Brunn. (2004). From Podes to Antipodes: New Dimensions in Mapping Global Time, Cost, and Distance. Specialist Meeting on Globalization in the World-System: Mapping Change over Time. University of California, Riverside. February 7-8
- Zook, M.** (2004). GoogleMaps: Charting the Geo-Cultural Cartographies of Cyberspace. Paper presented at Digital Cultural Institutions and the Future of Access: Social, Legal, and Technical Challenges (Social Science Research Council). Santa Clara University. October 21
- Zook, M.** (2003). The Knowledge Brokers: Venture Capitalists, Tacit Knowledge and Regional Development. Electronic paper presented at DRUID's 2003 Summer Conference. Copenhagen, Denmark. June 12-14

- Zook, M.** (2003). E-tailers on the Cyber-frontier: The world diffusion of eBay Sellers. Paper presented at the AAG Conference. New Orleans, LA
- Zook, M.** (2002). The Electronic Agora: eBay and the Shaping of E-Commerce Geography. Paper presented at the SEDAAG Conference. Richmond, VA
- Zook, M.** (2002). Peripheral Nodes in the Space of Flows: The Geography of the Internet Adult Industry. Paper presented at the AAG Conference. Los Angeles, CA.
- Zook, M.** (2002). Where is the Internet? Global centers and peripheral places. Institute for the Future. Menlo Park, CA. May 13
- Zook, M.** (2001). The Knowledge Brokers: Venture Capitalists, Tacit Knowledge and Regional Development. Paper presented at the Association of Collegiate Schools of Planning. Cleveland, OH. November 7-11
- Zook, M.** (2001). Peripheral Nodes in the Space of Flows: The Geography of the Internet Adult Industry. Paper presented at the Digital Communities 2001 Conference. Chicago, IL. November 3-6
- Zook, M.** (2001). Hubs, Nodes and Bypassed Places: A Typology of E-commerce Regions in the United States. Paper presented at the Association of American Geographers Meeting. New York. Feb 28-March 3
- Zook, M.** (2000). Grounding Capital: The Geographic Nature of Venture Financing in the United States. Paper presented at the Global Conference on Economic Geography. Singapore. December 5-9
- Chapple, K. and **M. Zook.** (2000). Promising Futures: Promising Practices in Information Technology Training for Disadvantaged Adults. Paper presented at the Association of Collegiate Schools of Planning. Atlanta, GA. November 1-5
- Zook, M.** (2000). Venture Capital's role in the clustering of Internet firms in the US. Paper presented at the Association of Collegiate Schools of Planning. Atlanta, GA. November 1-5
- Zook, M.** (1999). Internet Cities of the United States and the World: Understanding New Geographies. Paper presented at the Cities in the Global Information Society Conference. Newcastle upon Tyne, UK. November 22-24
- Zook, M.** (1999). Regional Systems of Financing. Paper presented at the Global Networks, Innovation and Regional Development: The Informational Region as Development Strategy Conference. Santa Cruz, CA. November 11-13
- Zook, M.** (1999). Role of Venture Capital in Organizing the US Internet Industry. Paper presented at the Association of Collegiate Schools of Planning. Chicago, IL. Oct. 22-25
- Zook, M.** (1998). The Web of Consumption: The Spatial Organization of the Internet Industry in the United States. Paper presented at the Association of Collegiate Schools of Planning Conference. Pasadena, CA. November 5-8

Teaching

During the 2014-15 academic year I established a graduate certificate and Masters degree in digital mapping at the University of Kentucky. This included the creation of ten separate courses covering programming, geovisualization design, spatial statistical analysis and project design and management. It also required the shepherding of the proposal through the review process in the College of Arts and Sciences, the Graduate School, the University Senate, the Board of Trustees and the Council for Post-Secondary Education

GEO109: Digital Mapping, University of Kentucky. (undergraduate)

GEO152: World Regional Geography, University of Kentucky. (undergraduate)

GEO160: Lands and Peoples of the Non-Western World, University of Kentucky. (undergraduate)

GEO164: iWorlds: Global Information Geographies, University of Kentucky (undergraduate)

GEO300: Geographic Research

GEO310: Quantitative Techniques in Geography, University of Kentucky. (undergraduate)

GEO409: Advanced GIS, University of Kentucky. (undergraduate)

GEO455: Introduction to Economic Geography, University of Kentucky. (undergraduate)

GEO499: Senior Research Seminar, University of Kentucky. (undergraduate)

GEO565: Geography of Web 2.0 Spatial Applications: GoogleMaps, Neogeography and You!, University of Kentucky. (undergraduate/graduate)

GEO565: Geographies of the Internet, University of Kentucky. (graduate)

GEO600: Analytical Methods in Geography, University of Kentucky. (graduate)

GEO655: Geographies of Cyberspace, University of Kentucky (graduate)

GEO655: Journal Article Writing Workshop, University of Kentucky (graduate)

GEO709: Advanced GIScience, University of Kentucky (graduate)

GEO713: Technology, Digital Economy and Regional Development/Globalization, University of Kentucky (graduate)

GEO713: Economic Geography and Globalization, University of Kentucky (graduate)

GEO713: Virtual Geography, University of Kentucky (graduate)

GEO713: Information, Place and Economy, University of Kentucky (graduate)

GEO722: Crowdsourcing, the Geoweb and Augmented Realities (graduate)

GEO743: Writing Research Proposals (graduate)

CRP 275: The Internet and Regional Development, UC Berkeley. (TA/graduate)

CRP 220: The Urban and Regional Economy, UC Berkeley. (TA/graduate)

CRP 225: Methods of Regional Analysis, UC Berkeley. (TA/graduate)

Graduate Student Supervision – Ph.D

Sanjana Krishnan (Chair, Ph.D., Kentucky, in process, Geography).

Michael McCanless (Chair, Ph.D., Kentucky, in process, Geography)

Ian Spangler (Co-Chair, Ph.D., Kentucky, in process, Geography).

Julie Saperstein (Chair, Ph.D. Kentucky, in process, Geography). Rural Digital Geographies.

Jessi Breen (Co-Chair, Ph.D., Kentucky, in process, Geography). Deploying art and creativity to (re)create urban identity and place in transitional urban neighborhoods

Andrea Craft (Member, Ph.D., University of Illinois, Chicago, in process, Urban Planning and Policy). Pursuing transparency in economic development through the dynamics of data and disclosure.

Hugh Deaner (Member, Ph.D. Kentucky 2021, Geography). Regulated Commodity and Waste Production in the Alberta Oilsands.

Amber Bosse (Member, Ph.D. Kentucky, 2020, Geography). *Cartographic Efficacy: Histories of the Present, Participatory Futures.*

Eric Huntley (Member, Ph.D. Kentucky, 2020, Geography). *Reserved for the Whole Earth: Forms of Evidence, Ought Anxiety and the Future of Geographic Inquiry.*

Matthew Tenney (Member, Ph.D. McGill, 2019, Geography). *Coded Engagement: Data-Driven Participation.*

Zach Bessinger (Member, Ph.D. Kentucky 2018, Computer Science). *Modeling and Mapping Location-Dependent Human Appearance.*

Dan Cockayne (Chair, Ph.D., Kentucky, 2016, Geography). *The Working Lives and Spatial Practices of Digital Media Developers in San Francisco.*

Ate Poorthuis (Chair, Ph.D., Kentucky, 2015, Geography). *Social Space and Social Media: Analyzing Urban Space with Big Data*

Taylor Shelton (Member, Ph.D., Clark University, 2015, Geography). *Using Social Media Big Data to Study Urban Geographies*

Candice Wallace (Chair, Ph.D., Kentucky, 2015, Geography). *E-commerce Adoption in U.S. Manufacturing Firms*

Patrick Bigger (Member, Ph.D. Kentucky, 2015, Geography). *'Environmental Governance in the Carbon Economy: Regulating Greenhouse Gas Emissions in California's Cap and Trade Market*

Tim Brock (Member, Ph.D. Kentucky, 2014, Geography). *Critical Urban Mobilities: Negotiating Neoliberal Governance, Social Justice, and Spatial Fixity.* Current Position: Missouri State University

Emily Fekete (Member, Ph.D., Kansas University, 2014, Geography). *Four\$quare: Using Social Media to Assess Consumption Patterns*

Andrew Boulton (Chair, Ph.D., Kentucky, 2013, Geography). *Neogeographic Landscapes: Annotative Locative Media and the Urban Experience.* Current Position: Technology Consultant

Monica Stevens (Co-Chair, Ph.D., University of Arizona, 2012, Geography). *From Geo-Social to Geo-Local: The Flows and Biases of Volunteered Geographic Information.* Current Position: University of Buffalo

Lomme Devriendt (Member, Ph.D., Ghent University, Belgium, 2010, Geography). *Nodal Points in the space of information flows: an empirical analysis of transnational urban networks based on Internet and air traffic flows.* Current Position: Consultant

Mark Graham (Chair, Ph.D., Kentucky, 2008, Geography). *Promises and Perils of the Internet in the Thai Silk Industries.* Current Position: Oxford Internet Institute, University of Oxford

Ben Smith (Member, Ph.D., Kentucky, 2008, Geography). *Dubai, Landscape and the Production of Attractive Markets.* Current Position: Florida International University

Michael Begin (Co-Chair, Ph.D., Kentucky, 2006, Geography). *"Virtual" brides in the post-Soviet context.* Current Position: Mokpo National Maritime University (South Korea)

Josh Lepawsky (Member, Ph.D., Kentucky, 2005, Geography). *Digital Aspirations: The Multimedia Super Corridor and Malaysian National Developmen.* Current Position: Memorial University of Newfoundland

Graduate Student Supervision – Masters

- Michael McCanless (Chair, MA, 2021. Kentucky). Debilitating debts and recapacitating loans in fintech consumer lending: Making markets for unsecured consumer debt through alternative data and machine learning
- Jack Swab (Members, M.A., Kentucky, 2021, Geography)
- Ian Spangler (Co-Chair, MA, Kentucky, 2018). AirBnB, Authenticity, and the Short-term Rental Debate in New Orleans
- Ryan Cooper (Member, M.A., Kentucky, 2013). The practices of place-making in North American suburbs
- Jessa Loomis (Member, M.A., Kentucky, 2013). Seeking the “New Generation” of Food Trucks in Chicago
- Taylor Shelton (Chair, M.A., Kentucky, 2011). Constructing Coldstream: Sustainability and the politics of local economic development
- Melissa Moorer. (Chair, M.A., Kentucky, 2008). Re-conceiving Information Space
- Jason Speck (Member, M.A., Kentucky, 2007). Flexible mormonism: Or the Post-Fordist Restructuring of Latter-Day Saint Religiosity
- Donna Gilbreath (Member, M.A., Kentucky, 2007). Protecting the results of state smoking ban initiatives using cartographic analysis
- Anna Bard (Chair, MA, Kentucky, in process). Mapping Accessibility in Lexington, KY
- Eric Coy (Chair, M.A., Kentucky, in process). Foreclosure and the mortgage financial crisis in Fayette County, Kentucky
- Marissa DeFratti (Chair, MA, Kentucky, In process). Crowdsourced mapping
- Sonya Prasertong (Member, M.A., Kentucky, in process). Data, Decision-making and local community organizations.