

Nick Lally
Curriculum Vitae

Department of Geography
University of Kentucky
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EDUCATION

Ph.D., Geography, University of Wisconsin–Madison, 2014-2018
Minor: Science & Technology Studies

M.F.A., Digital Arts and New Media, University of California, Santa Cruz, 2008-2010

B.S., Fine Arts & Sociology, University of Oregon, 1998-2001
Summa cum Laude, Presidential Scholar

PROFESSIONAL APPOINTMENTS

2018-present Assistant Professor, Department of Geography, University of Kentucky

PUBLICATIONS

Refereed Journal Articles

Revised and resubmitted: Lally, Nick. 2021. “What can GIS do?.” *ACME: An International Journal for Critical Geographies*.

Bergmann, Luke, and Nick Lally. 2021. “For geographical imagination systems.” *Annals of the American Association of Geographers* 111 (1): 26–35.
<https://doi.org/10.1080/24694452.2020.1750941>.

Lally, Nick, Kelly Kay, and Jim Thatcher. 2019. “Computational parasites and hydropower: A political ecology of Bitcoin mining on the Columbia River.” *Environment and Planning E: Nature and Space*. <https://doi.org/10.1177/2514848619867608>.

Vincent, Kristen, Robert E Roth, Sarah A Moore, Qunying Huang, Nick Lally, Carl M Sack, Eric Nost, and Heather Rosenfeld. 2019. “Improving Spatial Decision Making Using Interactive Maps: An Empirical Study on Interface Complexity and Decision Complexity in the North American Hazardous Waste Trade.” *Environment and Planning B: Urban Analytics and City Science* 46 (9): 1706–23. <https://doi.org/10.1177/2399808318764122>.

Lally, Nick. 2017. “Crowdsourced Surveillance and Networked Data.” *Security Dialogue* 48 (1): 63–77.
<https://doi.org/10.1177/0967010616664459>.

Thatcher, Jim, Luke Bergmann, Britta Ricker, Reuben Rose-Redwood, David O’Sullivan, Trevor J Barnes, Luke R Barnesmoore, Laura Beltz Imaoka, Ryan Burns, Jonathan Cinnamon, Craig Dalton, Clinton Davis, Stuart Dunn, Francis Harvey, Jin-Kyu Jung, Ellen Kersten, LaDona Knigge, Nick Lally, Wen Lin, Dillon Mahmoudi, Michael Martin, Will Payne, Amir Sheikh, Taylor Shelton, Eric Sheppard, Chris W Strother, Alexander Tarr, Matthew W Wilson, and Jason C Young. 2016. “Revisiting Critical GIS.” *Environment and Planning A* 48 (5): 815–824.
<https://doi.org/10.1177/0308518X15622208>.

Refereed Book Chapters

Lally, Nick and Luke Bergmann. 2021. “enfolding: An Experimental geographical imagination system (gis).” In *A Place More Void*, edited by Paul Kingsbury and Anna Secor. University of Nebraska Press.

Other Publications

Lally, Nick, Elsa Noterman, and Keith Woodward. 2020. “Madison’s Race to Inequity.” Abolition Geographies Collective. <https://abolitiongeographies.space/?p=359>

Lally, Nick. 2018. “A Snapshot of Corporate Profiling.” Report for Privacy International: London, UK. <https://privacyinternational.org/feature/1721/snapshot-corporate-profiling>

Lally, Nick and Ryan Burns. 2017. “Toward a Geographical Software Studies.” Special Section Introduction, *Computational Culture: a journal of software studies*.
<http://computationalculture.net/special-section-editorial-geographies-of-software/>

Lally, Nick. 2017. Review of *Understanding Spatial Media* by Rob Kitchin, Tracey P. Lauriault, and Matthew W. Wilson, eds. *Environment and Planning: Urban Analytics and City Science*.

Lally, Nick. 2017. “Cloud Vision.” *Places Journal*. Featured Reading List.
<https://placesjournal.org/reading-list/cloud-vision/>

Edited journal issues

Lally, Nick and Ryan Burns. 2017. “Geographies of Software.” Special section of *Computational Culture: a journal of software studies*.

AWARDS AND HONORS

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- 2019 Outstanding Geography Teacher Award, Department of Geography, University of Kentucky, selected by undergraduate students
 - 2019 Research and Creative Activities Grant for “geographical imagination systems,” University of Kentucky
 - 2019 International Cartographic Association Scholarship
 - 2017 Teaching Fellow, College of Letters & Science, UW–Madison
 - 2017 Holtz Scholar Summer Research Award, Holtz Center for Science and Technology Studies, UW–Madison

- 2017 Scott Kloeck-Jenson Pre-Dissertation Travel Fellowship, UW–Madison
- 2017 Clarence W. Olmstead Award for Outstanding Publication by a Graduate Student, Department of Geography, UW–Madison
- 2015 Graduate Fellowship, Holtz Center for Science and Technology Studies, UW–Madison
- 2015 Art of Neuroscience, Honourable Mention for “Fabricated Rhythm” with Gautam Agarwal, Netherlands Institute for Neuroscience
- 2013 Investing in Artists Grant, Artistic Equipment & Tools category, Center for Cultural Innovation, California
- 2012 Alternative Exposure Grant, Southern Exposure, San Francisco, CA
- 2010 Alumni Award for “Best in Show,” *Things That Are Possible*, UCSC

TALKS AND CONFERENCES

Invited Lectures

- 2019 Position paper, “Doing Critical GIS Workshop,” University of Maryland, Baltimore County, April
- 2013 Visiting artist, artist talk and electronics workshop, Alfred University, October 23-24
- 2013 “Building Stories,” Creating Meaning in Form: The Earth as Metaphor lecture series, UC Santa Cruz. February

Papers Presented with Refereed Extended Abstracts

* indicates presenting author(s) if not all

- 2020 Roth, Robert*, Meghan Kelly, Nick Underwood, Nick Lally, Xinyi Liu, Kristen Vincent and Carl Sack. “Interactive & Multiscale Thematic Maps: Preliminary Results from an Empirical Study.” AutoCarto2020. Online.
- 2019 Lally, Nick* and Luke Bergmann. “Mapping dynamic, non-Euclidean spaces.” International Cartographic Conference. Tokyo, Japan, July
- 2019 Roth, Robert*, Meghan Kelly, Nick Underwood, Nick Lally, Kristen Vincent, and Carl Sack. “Interactive & Multiscale Thematic Maps: A Preliminary Study.” International Cartographic Conference. Tokyo, Japan, July

Papers Presented

* indicates presenting author(s) if not all

- 2020 Bergmann, Luke and Nick Lally. “For geographical imagination systems.” Digital Humanities Conference, University of British Columbia, Vancouver, Canada. Online. October 31.
- 2020 Lally, Nick. “shaping: a geographical imagination system.” North American Cartographic Information Society Annual Meeting. Online. October 16
- 2020 Lally, Nick. “The forking paths of machine learning.” Association of American Geographers Annual Meeting. Denver, CO. April. *CANCELED DUE TO COVID-19*

- 2019 Lally, Nick and Luke Bergmann. “Animate Space.” North American Cartographic Information Society Annual Meeting. Tacoma, WA, October
- 2019 Bergmann, Luke* and Nick Lally. “Speculative GIScience: for geographical imagination systems (gis).” The Geospatial Humanities: Transdisciplinary Opportunities for the GIScience Community. UCGIS 2019 Symposium. Washington, DC. June
- 2019 Bergmann, Luke* and Nick Lally. “Troubling Spatial Technologies.” HASTAC 2019: “Decolonizing Technologies, Reprogramming Education.” Vancouver, BC. May 18
- 2019 Lally, Nick. “Predictive policing and the development of doubt.” Association of American Geographers Annual Meeting. Washington DC. April
- 2018 Roth, Robert*, Carl Sack, Meghan Kelly, Nick Lally, and Kristen Vincent. “MapStudy: An Open Source Survey Tool for Studying Interactive Web Maps.” UCGIS & AutoCarto. Madison, WI. May
- 2018 Thatcher, Jim and Nick Lally. “Mapping the metabolisms of cloud computing.” Association of American Geographers Annual Meeting. New Orleans, LA. April
- 2018 Lally, Nick. “Mapping Imaginaries.” for Critical Visualisations of Urban Data: Improving user experience and social interactions. Maynooth University, Maynooth, Ireland. February 15
- 2017 Kelly, Meghan*, Nick Lally*, and Robert Roth. “Humanizing Maps.” North American Cartographic Information Society Annual Meeting. Montreal, October 12
- 2017 Lally, Nick. “Algorithmic Infrastructure.” Royal Geographic Society Annual International Conference. London, August 31
- 2017 Lally, Nick and Luke Bergmann. “Enfolding: A Geographical Imagination System.” International Cartographic Conference. Washington DC, July 4
- 2017 Lally, Nick and Luke Bergmann. “Enfolding.” Association of American Geographers Annual Meeting. Boston, MA, April 8
- 2016 Bergmann, Luke and Nick Lally. “Introducing Geographical Imagination Systems.” North American Cartographic Information Society Annual Meeting. Colorado Springs, CO, October 21
- 2016 Lally, Nick. “Complicity, Control, and Crowdsourced Policing.” Association of American Geographers Annual Meeting. San Francisco, CA, April 1
- 2015 Denbow, Jennifer and Nick Lally*. “Seeing Inside: A Critical Study of Ultrasound Software.” Society for the Social Studies of Science Annual Meeting. Denver, CO, November 12
- 2015 Lally, Nick. “Remapping Spatial Sensibilities.” North American Cartographic Information Society Annual Meeting. Minneapolis, MN. October 15

- 2015 Lally, Nick. “Crowdsourced Surveillance and Distributed Control.” Association of American Geographers Annual Meeting. Chicago, IL. April 24
- 2013 Lally, Nick. “Fun-a-Day.” Open Engagement Conference. Portland State University, May 17
- 2010 Lally, Nick. “Processes and Participation.” Open Engagement Conference. Portland State University. May 16
- 2010 Lally, Nick. “Processes and Participation.” HASTAC 2010: Grand Challenges and Global Innovations Conference. April 15

Panelist

- 2019 “Creative Geovisualization - What is creativity with geospatial technologies?” Association of American Geographers Annual Meeting. Washington DC. April
- 2018 “Symposium on New Horizons in Human Dynamics Research: Research Agenda in Smart Cities and Urban Computing.” Association of American Geographers Annual Meeting. New Orleans, LA. April
- 2016 “Critical Cartography, Critical Data: Confronting New Forms of Geospatial Information.” North American Cartographic Information Society Annual Meeting. Colorado Springs, CO. October 21
- 2015 “Exploring a more-than-verbal human geography.” Association of American Geographers Annual Meeting. Chicago, IL. April 21
- 2009 “Daily Practices: Performance, Art, and the Everyday.” History of Consciousness. UCSC. April 27

Session Organizer, Chair, or Discussant

- 2019 “Mapping the Ephemeral.” Chair. International Cartographic Conference. Tokyo, Japan, July
- 2019 “Geographical computation where human geography matters.” Four sessions organized with Luke Bergmann. Association of American Geographers Annual Meeting. Washington DC. April
- 2018 “Digital Geographies Keynote Panel: Theoretical and Methodological Horizons.” Organized with Jim Thatcher and Elisabeth Sedano. American Association of Geographers Annual Meeting. New Orleans, LA. April
- 2017 “Experiments in Force III: Technologies of Policing.” Organized with Emily Kaufman. American Association of Geographers Annual Meeting. Boston, MA. April 7
- 2017 “Graduate Professionalization in a Changing Institutional Climate.” Co-organizer, funded with a Graduate Student Professionalization Grant. Yi-Fu Tuan Lecture Series, Department of Geography, UW–Madison. March 9.

- 2016 “Toward a Geographical Software Studies.” Four sessions organized with Ryan Burns. Association of American Geographers Annual Meeting. San Francisco, CA. April 1

Workshops

- 2018 “Environmental Impact of Data-Driven Technologies Workshop.” participant and paper co-author with Kelly Kay and Jim Thatcher. Data & Society, New York, NY. November 2
- 2018 “More than Critical, More than GIS (pre-AAG workshop).” participant and presenter. New Orleans, LA. April 9
- 2018 “Design Challenge: Feminist Cartography.” Co-organizer. UW–Madison Cartography Lab. February 17
- 2017 “Critical GIS Workshop.” participant and presenter. North American Cartographic Information Society, McGill University, Montréal, Canada. October 13
- 2014 “Revisiting Critical GIS.” participant and session co-organizer. Friday Harbor Laboratories, University of Washington. October 17-20
- 2010 “Digital Methods & Migration Workshop.” participant and presenter, Maison Suger and Telecom ParisTech, Paris, France. June 22-24

Other

- 2018 “Humanizing Interactive Maps.” collaborative work with Meghan Kelly and Robert Roth presented by Meghan Kelly. International Cartographic Association Commissions Joint Workshop, Olomouc, Czech Republic. April 27-30
- 2018 “Spaces for relational data.” for Love your data week. Maynooth University, Maynooth, Ireland. February 13
- 2017 “For Geographical Imagination Systems (GIS).” collaborative work presented by Luke Bergmann. 12th Annual Critical Geographies Conference. University of North British Columbia, Prince George, BC. September 23
- 2017 “For Geographical Imagination Systems (GIS).” collaborative work presented by Luke Bergmann, University of Colorado Boulder. September 15
- 2015 Artist talk. Real Time & Space. Oakland, CA. July 29
- 2014 Artist talk. Shared Space Studio. Pentwater, MI. August 3
- 2012 “A Spatial History of Computing.” artist talk. Stanford University. December
- 2012 “Geek Speak.” radio interview. KUSP. Santa Cruz, CA. March 10
- 2012 “Interpanel Relationships: A Spatial Discussion.” panelist. SHED Projects. Oakland, CA, February 25
- 2012 Artist talk. Real Time & Space. Oakland, CA. January 20
- 2011 Artist talk. Southern Oregon University. Ashland, OR. March 7
- 2010 “Artists on Art.” radio interview. KZSC. Santa Cruz, CA. April 20

RESEARCH EXPERIENCE

- 2018 Visiting Scholar, Programmable City/Building City Dashboards projects
Funded by Science Foundation Ireland

Maynooth University, Maynooth, Ireland

- 2017 Volunteer Researcher, Data Exploitation Team
Privacy International, London, England, UK
- 2017 Research Assistant for Robert Roth, UW–Madison
Funded by a Wisconsin Alumni Research Foundation grant for “Designing Better Interactive Maps: Towards a Syntactics of Interaction Primitives for Online and Mobile Map Design”
- 2015-2016 Research Assistant for Luke Bergmann, University of Washington
Funded by a UW Simpson Center Digital Humanities Commons Summer Fellowship for “Toward Speculative Cartographies”
- 2011 Research Associate, Digital Arts and New Media Program, University of California Santa Cruz
- 2009-2010 Research Assistant for Warren Sack, University of California, Santa Cruz
Funded by a National Science Foundation Grant, Award #0416353 for “An Interface and Search Engine for Deliberation”

TEACHING

Assistant Professor, University of Kentucky, Department of Geography

Cartographic Production/Design (Spring 2021)
Future Faculty in Geography (Spring 2021)
Geospatial Technologies: Seminar (Spring 2020)
Digital Mapping (Fall 2019)
Elements of Cartography (Spring 2019, Spring 2020, Fall 2020)
Senior Research Seminar (Spring 2019, Spring 2021)
Introduction to GIS (Fall 2018, Fall 2019, Fall 2020)

Teaching Assistant, University of Wisconsin–Madison, Department of Geography

Graphic Design in Cartography with Robert Roth (Fall 2016)
Introduction to Human Geography: Space, Place and Global Change with Robert Kaiser (Fall 2015, Spring 2016: head TA)

Adjunct Professor, California College of the Arts, Mathematics

Software Studies (Spring 2014)
Advanced Programming (Spring 2014)
Math, Programming, and Art (Fall 2013)
Art of Math (Fall 2013)

Visiting Faculty, San Francisco Art Institute, Design and Technology, Mathematics

Internet Tools and Concepts (Spring 2014, Spring 2013)
Mathematics of Interactive Media (Spring 2014, Spring 2013, Spring 2012)
Computer Logic (Spring 2013)
Mathematics and Computer Processes (Fall 2012, Spring 2011, Fall 2010)

Mathematics of Information Visualization (Fall 2011)

Lecturer, California College of the Arts, Mathematics

Math, Programming, and Art (Spring 2013, Fall 2012, Spring 2012, Fall 2011, Spring 2011)

Art of Math (Spring 2013, Spring 2012, Fall 2011, Spring 2011, Fall 2010)

Programming Data (Fall 2012)

Lecturer, University of California, Santa Cruz, Digital Arts and New Media

Hacking for Artists (Summer 2011)

Teaching Assistant, University of California, Santa Cruz, Art

Introduction to Visual Arts with Derek Murray (Spring 2009)

3-D Foundations with Elizabeth Stephens (Winter 2009)

2-D Foundations with Richard Wohlfeiler (Fall 2008)

GRADUATE STUDENT ADVISING

- 2020 Committee Member, Lis Fano, University of Kentucky, MS Digital Mapping for “Our Vanishing Glaciers: Visualizing a Half-Century of Glacier Loss in Glacier National Park, Montana”
- 2020 Committee Member, Eileen Grady, University of Kentucky, MS Digital Mapping for “Exploring Industrial Pollution in the US”
- 2020-present Committee Member, Jacob Saindon, University of Kentucky, MA Geography
- 2020-present Committee Member, Michael McCanless, University of Kentucky, MA Geography
- 2020 Outside Examiner, Suraj Chaudhary, University of Kentucky, PhD Philosophy for “Place and Digital Space”
- 2019 Outside Examiner, Matt Krebs, University of Kentucky, PhD Anthropology for “Making Experts: An Ethnographic Study of ‘Makers’ in FabLabs in Japan”
- 2019-2020 Committee Member, Lindsey Funke, University of Kentucky, MA Geography
- 2018-present Committee Member, J.D. Saperstein, University of Kentucky, PhD Geography
- 2018-2020 Committee Member, Jack Swab, University of Kentucky, MA Geography for “Risky Business: Visualizing and Historicizing the Role of Geographic Representation and Thinking in American Business”

SELECTED ART EXHIBITIONS/PERFORMANCES

- 2016 *The Land of Here and Now*, Fed Galleries at the Kendall College of Art and Design, Grand Rapids, MI. June-July
- 2015 *Edit Road Movie*, collaborative solo show with Katie Hargrave and Daniel Luedtke, Transient Gallery, Des Moines, IA, May
- 2014 *Edit Road Movie*, collaborative solo show with Katie Hargrave and Daniel Luedtke, ACRE Projects, Chicago, IL, September
- 2014 *Many Places at Once*, with Real Time & Space, Wattis Institute for Contemporary Art, San Francisco, CA, April-July
- 2014 *Mind Matters: Mapping the Human Mind Through Neuroscience*, Sandler Neuroscience Center, UCSF, San Francisco, CA, March
- 2013 *Four Core Chambers*, Martina } { Johnston, Berkeley, CA, Sep-Oct

- 2013 *knot talk*, collaborative solo show with Michael Huggins, Zero Station, Portland, ME, July
- 2013 *Shared Feedback: Active/Passive Collaborative Installations and Performance*, San Francisco Art Institute, San Francisco, CA, April 4
- 2013 *Temporary Allegiance*, Gallery 400, University of Illinois at Chicago, April
- 2013 *soft edges*, solo show, Plaines Projects, Chicago, IL, March
- 2013 *Take Me Away*, San Francisco Arts Commission Gallery, San Francisco, CA, January – May
- 2012 *Work in Progress*, Santa Cruz Museum of Art & History, Santa Cruz, CA, Dec-Mar
- 2012 *ZERO1 Biennial*, San Jose, CA, September
- 2011 *Matinee*, St. Cecilia's Gallery, Brooklyn, NY, February 5-6
- 2010 *State of the Arts Conference*, University of California Institute for Research in the Arts, San Diego, CA, November 18-21
- 2010 *Time-Based Art Festival*, Portland Institute for Contemporary Art, Portland, OR, September
- 2010 *Things That Are Possible*, MFA Show, DARC, Santa Cruz, CA, May
- 2009 *Full Disclosure*, Sesnon Gallery, Santa Cruz, CA, October
- 2009 *Crossing the Line*, French Institute Alliance Française Co-presented with Whitney Live / Whitney Museum of American Art, New York, NY, September 29
- 2009 *art.tech*, The Lab, San Francisco, CA, September
- 2009 *Invisible Ingredient*, Rock Paper Scissors Collective Gallery, Oakland, CA, July
- 2009 *Rust Fest*, McDonough Museum of Art, Youngstown, OH, June
- 2009 *The Padlock Gallery Turns 5*, Padlock Gallery, Philadelphia, PA, February

ARTIST RESIDENCIES

- 2015 Real Time & Space Residency, Oakland, CA
- 2014 Shared Space Residency, Pentwater, MI
- 2013 ACRE Residency, Steuben, WI
- 2012 ACRE Residency, Steuben, WI

PRESS

- 2014 Santos, Dorothy. "Narrowing the Gaps: The Bay Area Arts Scene in Tech Boom 2.0," interview, *The New Asterisk Magazine*, March
- 2013 Servick, Kelly. "Interactive exhibit documents stories, memories of city's past," *Santa Cruz Sentinel*, January 24
- 2013 Hillard, J.D. "Secret Spatial Histories of Santa Cruz," *KUSP Features*, January 18
- 2011 Nathan, Emily. "Brooklyn Local," *artnet*, February 10
- 2010 Swan, Rachel. "What a Difference a Day Makes," *East Bay Express*, February 3
- 2009 Gillett, Justin. "Everyday Art," *San Francisco Chronicle*, February 26
- 2009 Tudor, Silke. "Everyday Art," *San Francisco Weekly*, February 25
- 2009 Crimmins, Peter. "31 Days," *Philadelphia Weekly*, Online Feature: A&E, February 17
- 2006 White, Kelly. "Just Do It," *Philadelphia City Paper*, Arts Agenda Picks, December 27
- 2006 Orgera, Alex. "Those Were the Days," *Philadelphia City Paper*, Artpicks, February 9
- 2005 Shafir, Doree. "Starting Over: Artists (and Amateurs) Working in New Media," *Philadelphia Weekly*, A-List, October 12

GRANTS

-
- 2019 U.S. National Committee to the International Cartographic Association (ICA) Travel Grant
 - 2018 Trewartha-Odebolt Conference Travel Award, UW–Madison
 - 2017 Travel Award, Holtz Center for Science and Technology Studies, UW–Madison
 - 2017 Trewartha Research Award, UW–Madison
 - 2017 Trewartha Conference Travel Award, UW–Madison
 - 2017 U.S. National Committee to the International Cartographic Association (ICA) Travel Grant
 - 2016 North American Cartographic Information Society (NACIS) Student Travel Grant
 - 2016 Odebolt Conference Travel Award, UW–Madison
 - 2015 Student Research Travel Grant, UW–Madison
 - 2015 North American Cartographic Information Society (NACIS) Student Travel Grant
 - 2015 Trewartha Conference Travel Award, UW–Madison
 - 2012 UC Santa Cruz Faculty Association Grant for “Creative responses to the crisis”
 - 2010 Florence French Grant, UCSC
 - 2010 Digital Arts and New Media Travel Grant, UCSC
 - 2010 Graduate Student Association Travel Grant, UCSC
 - 2009 Florence French Grant, UCSC

SERVICE

Peer Reviewer

- ACME: An International Journal for Critical Geographies* (2020)
- Antipode: A Radical Journal of Geography* (2014)
- The Canadian Geographer / Le Géographe canadien* (2018)
- Geographic Information Science & Technology Body of Knowledge* (2017)
- International Journal of Geographical Information Science* (2020)
- The Professional Geographer* (2019)
- Regional Studies* (2019)
- Security Dialogue* (2020)
- Territory, Politics, Governance* (2016)
- Urban Planning* (2020)

Service to the Discipline

- 2017-2018 Acting Student Board Member, Digital Geographies Specialty Group, American Association of Geographers

Departmental Service

- University of Kentucky
- 2019-present External Relations Committee
- 2019-present Colloquium Committee
- 2019-present Social Theory Faculty Affiliate
- 2018-present New Maps Plus Faculty Affiliate
- 2018-present Ad Hoc Geotechnologies Committee
- 2018-present Undergraduate Committee

University of Wisconsin–Madison

2017-2018 Undergraduate Committee

2015-2017 HUGS (Human Geography Interest Group) Coordinator

2015-2016 Yi-Fu Tuan Speakers Series Committee