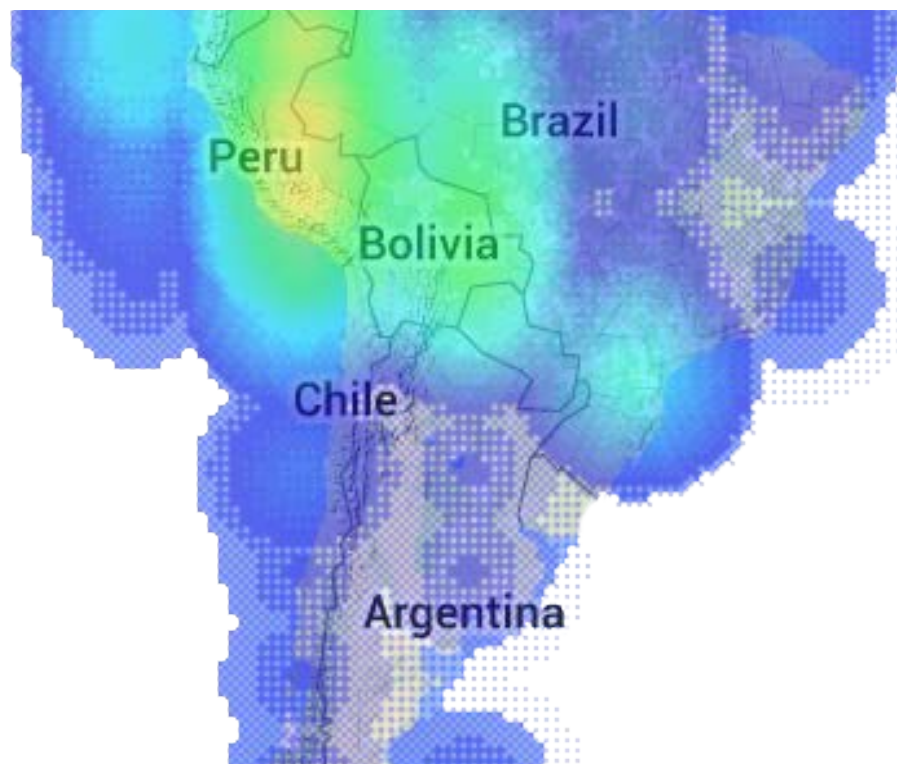


Space, Place, and Geographic Thinking in the Humanities

April 28th - 29th, 2016

1730 Cambridge St., Cambridge, MA 02138



Co-hosts:

Center for Geographic Analysis

The Association of American Geographers (AAG)

Humanities Center, Northeastern University

Harvard Arts and Humanities Division

Harvard Arts and Humanities Research Computing

Harvard Library

Harvard Map Collection



Northeastern University
Humanities Center



HARVARD
Faculty of Arts and Sciences
ARTS AND HUMANITIES DIVISION



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Geographic thinking and reasoning, empowered by the rapidly developing geospatial technologies such as geographic information systems (GIS), remote sensing (RS), global positioning systems (GPS), and more recently, collaborative online mapping, spatial data exploration in social media, cyberGIS, spatiotemporal computing and more, has been embraced by a wide range of disciplines, becoming an integral part of the digital inquiry and quantitative research toolkit. This is particularly evident in the humanities in recent years, attested by the “geo” and/or “spatial” branded new publications, new interest groups, and new research platforms.

How have the concepts of space, place, and geographic thinking, been contributing to the academic findings of the humanities? What are the recent breakthroughs in both the technologies and their applications? What are the stumbling blocks? Where are the missed opportunities? What will the future look like, and how to shape it?

This conference is aimed at bringing humanists together with geospatial technologists and theorists, reviewing current status, achievements, lessons learned, unmet needs, challenges, potentials and perspectives of applying geographic analysis in the humanities. Invited speakers will present their on-going explorations, inspiring cases, and expert views across a range of domains and disciplines, and engage with each other and the audience in discussion and debate.

1:00 PM *Registration*

1:30 PM

Welcome

Peter Bol

1:40 PM

WorldMap: A Brief History

Suzanne Blier

1:55 PM

WorldMap 2.0 and New NEH Funded Enhancements

- Intro to Global Spatio-Temporal Search: NEH Funded Enhancements to WorldMap
- Live Demo of WorldMap 2.0 with a User Survey (audience please bring laptops)

Ben Lewis

3:15 PM *Coffee Break*

3:25 PM

Panel: The Potential of the Geoweb for Humanities Research

Suzanne Blier, Peter Bol, Julie Buckler, Guoping Huang

Moderator: Stephen Ervin

4:45 PM

An overview of GeoHumanities at the AAG in the last decade

Doug Richardson

Moderator: Peter Bol

5:00 PM *Light Reception - CGIS South Concourse*

9:00 AM *Registration and Breakfast***9:30 AM****Welcome & Introduction***Jason Ur (video)**Moderator: Matthew W. Wilson***9:45 AM****Space, Place and the Humanities - An Overview***Tim Cresswell***10:15 AM****Panel I: Digital Geographies***Anne Knowles, Sarah Williams, Matt Zook, Tom Conley**Moderator: Doug Richardson***11:35 AM***Lunch & Poster Session - CGIS South Concourse***1:00 PM****TBD** **Note: this is a real title***Wendy Chun**Moderator: Matthew W. Wilson***1:45 PM***Coffee Break***2:00 PM****Panel II: Geographic Humanities***Mona Domosh, Doug Richardson, Nicholas Bauch**Moderator: Bobby Pietrusko***3:20 PM****Panel III: Digital Spatial Humanities***Ken Foote, Kelly O'Neill, Nir Shafir**Moderator: Tim Cresswell***4:40 PM****Closing Remarks***Matthew W. Wilson***5:10 PM****Poster Awards***Stephen Ervin***5:15 PM***Light Reception - CGIS South Concourse*

Welcome

Peter Bol

Peter K. Bol is Vice Provost for Advances in Learning (VPAL) and the Charles H. Carswell Professor of East Asian Languages and Civilizations. As Vice Provost he is responsible for guiding support and services for faculty to create the highest-quality learning and research environment, on-campus and online. Bol has oversight of HarvardX, the Harvard Initiative in Learning and Teaching (HILT) and HarvardX Research, and fosters collaborations with the Harvard Library and Museums, the Division of Continuing Education, Harvard University Information Technology, and the Derek Bok Center.



As the founding director of the Harvard Center for Geographic Analysis, Bol has long been interested in how technology can be used to advance learning and teaching. He teaches the HarvardX course ChinaX. He has taught on-campus versions of the course in both traditional and blended formats for several decades.

Bol's research is centered on the history of China's cultural elites at the national and local levels from the 7th to the 17th century. He directs the China Historical Geographic Information Systems project, a GIS encompassing 2,000 years of Chinese history, and the China Biographical Database Project, an online relational database that includes 350,000 historical figures and soon will include all biographical data in China's historical record over the last 2,000 years.

Abstract: *In this presentation, I will address the varied circumstances that led to the creation and development of WorldMap, the importance of this as a collaborative endeavor, and why and how I believe it will continue to be important in the near future.*

Suzanne Preston Blier, the Allen Whitehill Clowes Professor of Fine Arts and of African and African American Studies at Harvard, publishes on African art, architecture, and urbanism. She is co-chair of the Africamap website, and co-PI of the National Endowment for the Humanities' Digital Humanities Implementation Grant for "Extending WorldMap to Make It Easier for Humanists and Others to Find, Use, and Publish Geospatial Information".

**WorldMap 2.0 and New NEH Funded Enhancements**

Ben Lewis

Intro to Global Spatio-Temporal Search: NEH Funded Enhancements to WorldMap

Abstract: *Though there are millions of geo-services and datasets a click away, there is no good way to discover most of them. Imagine not being able to find a web page. That was HTML in 1995; that exists today for much geo-data. With a recent grant from the National Endowment for the Humanities, the CGA is building the capacity to create, maintain, and deploy a global public registry of web map services. A new type of search interface has been developed. In addition to WorldMap data, map layers from servers around the world will be more easily discovered and used. All tools are open source.*

Live Demo of WorldMap 2.0 with a User Survey (audience please bring laptops)

Ben Lewis is system architect and project manager for WorldMap, an open source infrastructure that supports collaborative research centered around geospatial information. Before joining Harvard, Ben was a project manager with Advanced Technology Solutions of Pennsylvania, where he led the company in adopting platform independent approaches to GIS system development. Ben studied Chinese at the University of Wisconsin and has a Masters in Planning from the University of Pennsylvania. After Penn, Ben worked at the U.C Berkeley GIS Lab, started the GIS group for the transportation engineering firm McCormick Taylor, and coordinated the Land Acquisition Mapping System for the South Florida Water Management District. Ben is especially interested in technologies that lower the barrier to GIS access.

**Panel: The Potential of the Geoweb for Humanities Research**

Suzanne Blier, Peter Bol, Julie Buckler, Guoping Huang
Moderator: Stephen Ervin

Mapping the History of Art and Architecture: Why WorldMap Matters

Abstract: *In this presentation I take up the importance of WorldMap both in both my research on African art and architecture and in various classroom engagements. In an era in which "hands-on" learning is seen to play an increasingly important role, WorldMap offers new possibilities for exploration on various fronts.*

Suzanne Preston Blier - see page 3

Development of the China Historical GIS

Abstract: *China's historical record is rich with place based information. The development of the China Historical GIS now enables the location of historical data in space. This example analyzes the spatial distribution of 1000 years of civil service examination records.*

Peter K. Bol - see page 3

The Many Lives of Łódź: How a Post-Industrial Polish City is Re-Inventing Itself and How Digital Humanities Can Contribute

Abstract: *The post-industrial post-socialist city of Łódź is struggling to respond to the challenges of the global economy, still coping with the long aftermath of the 1990s collapse of the textile industry that was the city's primary reason for existing. Initiatives for revitalization are underway from both the City President's office and from numerous grassroots activist and artist groups, yet significant obstacles to improvement still exist. How can on-site urban fieldwork coupled with the right tools and platform to produce a digital humanities project that can do justice to this multi-layered historical urban fabric and investigate the ways in which Łódź's past is being repurposed for the present? Might such a project itself be a form of agency?*

Julie Buckler, Samuel Hazzard Cross Professor of Slavic and Comparative Literature, works on the literature, performing arts, cultural life, and urban environments of Russia, with a focus on the imperial period and its legacies in Soviet and post-Soviet Russia. Buckler is co-principal investigator for a 4-year Harvard-wide Mellon Foundation grant titled "Reconceptualizing the Urban" (2013-2017) that



seeks to integrate the humanities into urban studies more broadly. She co-led a year-long seminar for fellows and grad students at the Davis Center for Russian and Eurasian Studies – “Mapping Cultural Space across Eurasia” – that resulted in a digital platform showcasing student projects. She has also created a new Arts & Humanities divisional “Pathways” course called “The Urban Imagination,” which integrates digital humanities tools for curating, annotating, and mapping into its assignment structure. Buckler is developing contemporary urban fieldwork and research projects on the enormous Izmailovo Vernisazh souvenir and antiquarian market in Moscow and leading a student research trip to the post-socialist post-industrial Polish city of Łódź.

Visualizing historic Lhasa

Abstract: *The sixty-four-year process (1642-1705) of the founding of the Ganden Palace state involved a complex building and rerouting agenda in the Lhasa valley. This explosion of building and architectural innovation was accompanied by the articulation of a new historical set of narratives about the convergence of Avalokiteshvara with the Dalai Lamas' historical agency. The Virtual Lhasa project aims to use GIS technologies to document Lhasa in 1642 and in 1705 in order to comparatively assess the difference between Lhasa's built and natural environments during this time, as well as the human pathways through which the inhabitants and multitude of pilgrims would encounter those environments.*

Guoping Huang is an assistant professor at the School of Architecture, University of Virginia. He specializes in digital visualization techniques, GIS, and alternative futures studies in urban and envi-



ronmental planning. Before he went to the University of Virginia, Dr. Huang was a research fellow at the Center for Geographic Analysis and Graduate School of Design at Harvard. He also served as the senior GIS editor for the Digital Atlas of Roman and Medieval Civilizations (DARMC, <http://darmc.harvard.edu>) project. Dr. Huang holds a Doctor of Design from Harvard University Graduate School of Design, Master of Science degree in Landscape Architecture from Peking University, China.

An Overview of GeoHumanities at the AAG in the Last Decade

Doug Richardson

Moderator: Peter Bol

Douglas Richardson is the Executive Director of the Association of American Geographers. Prior to joining the AAG, Dr. Richardson had founded and was the president of GeoResearch, Inc., which created and patented the first real-time interactive GPS/GIS technologies, and pioneered the development of real-time automated field mapping, navigation, and geographic management applications internationally for over a decade. He sold the company and its key patents in 1998.



He has conducted extensive research in the environmental and natural resources fields, and on geographic information science and technology. He also has worked closely with American Indian Tribes on sustainable development issues for many years. His current research interests focus on the intersections of science, ethics, and human rights; on space-time integration in geography and GIScience; and on geography's evolution as an international discipline and its future trajectories within the university and in society.

Day 2

April 29, 2016

Welcome & Introduction

Jason Ur (video)

Moderator: Matthew W. Wilson

Jason Ur is Professor of Anthropology in the Department of Anthropology at Harvard University, and director of its Center for Geographic Analysis. He specializes in early urbanism, landscape archaeology, and remote sensing, particularly the use of declassified US intelligence imagery. He has directed field surveys in Syria, Iraq, Turkey, and Iran. He is the author of *Urbanism and Cultural Landscapes in Northeastern Syria: The Tell Hamoukar Survey, 1999-2001* (2010). Since 2012, he has directed the Erbil Plain Archaeological Survey, an archaeological survey in the Kurdistan Region of northern Iraq. He is also preparing a history of Mesopotamian cities.

**Space, Place and the Humanities - An Overview**

Tim Cresswell

Abstract: *This presentation will consider the newly formed GeoHumanities in terms of two seemingly disparate trajectories. First it will survey the periodic history of interest in the concepts of space and place across disciplines in the humanities. Particular attention will be paid to the increasingly sophisticated theorization of spatiality in the period since the mid 1970s leading to mature, critical conceptualizations of the roles of space and place in the constitution of social and cultural worlds. The second trajectory is the recent emergence of digital worlds including Geographic Information Systems (later Geographical Information Science) and the post 2000 freeing up of Global Positioning Systems to make it possi-*

ble to locate almost any piece of data on hand held devices such as mobile phones. It is the latter trajectory that has been the most significant catalyst for engagements with space in the Digital Humanities. The presentation will ask how it might be possible to embrace these neoGeographies while remaining aware of and informed by the earlier development of critical spatial theory.

Tim Cresswell is Professor of History and International Affairs and Associate Director for Public Humanities at the Humanities Center at Northeastern University in Boston.



His research interests center on the role of geographical ways of thinking in the constitution of social and cultural life both historically and in the present day western world. He is the author of five books including, most recently *Place: An Introduction* (Blackwell, 2014), Cresswell is also a poet and he explores similar themes in his debut collection *Soil* (Penned in the Margins, 2013) and his new poetry sequence *Fence* (Penned in the Margins 2015). He is currently working on a monograph about the idea of place based on the history of the Maxwell Street Market, Chicago. Cresswell is a managing editor of the journal *cultural geographies* and the new journal *GeoHumanities*.

Panel I: Digital Geographies

Anne Knowles, Sarah Williams, Matt Zook, Tom Conley

Moderator: Doug Richardson

Can Digital Holocaust Geographies Be Human?

Abstract: *The Holocaust Geographies Collaborative has developed GIS databases of Nazi-controlled spaces, mapped aspects of the Nazi universe and its collapse, and grappled with*

how to represent the intractable experiences of Holocaust victims. Having reached the boundaries of representation with GIS, we are seeking doors to further understanding through new methods (inductive visualization and melding GIS with corpus linguistics) and by exploring the potential of social theory to more deeply inform and humanize database structures.

Anne Kelly Knowles

joined the History Department at the University of Maine in 2015 after teaching geography at the University of Wales, Wellesley College, George Washington University, and Middlebury College. She is the author of *Calvinists Incorporated: Welsh Immigrants on Ohio's Industrial Frontier* and *Mastering Iron: The Struggle to Modernize an American Industry, 1800-1868*, and editor of *Past Time, Past Place: GIS for History and Placing History: How Maps, Spatial Data, and GIS Are Changing Historical Scholarship*. She was lead editor of *Geographies of the Holocaust*, the first book to apply GIS and cartographic analysis to the Holocaust. Anne's research has been supported the National Endowment for the Humanities, the American Council for Learned Societies, and the National Science Foundation, among others. In 2012 her pioneering work with historical GIS was recognized by the first annual American Ingenuity Award for Historical Scholarship from Smithsonian magazine. In 2015, she was named a Guggenheim Fellow.



Ghost Cities : Using Social Media to Identify Underutilized Real Estate in China

Sarah Williams is an Assistant Professor of Urban Planning and the Director of the Civic Data Design Lab at Massachusetts Institute of Technology's (MIT) School of Ar-

chitecture and Planning School. The Civic Data Design Lab works with data, maps, and mobile technologies to develop interactive design and communication strategies that bring urban policy issues to broader audiences. Trained as a Geographer, Landscape Architect, and Urban Planner, Williams work combines geographic analysis and design. Williams' design work has been widely exhibited including work in the Guggenheim and the Museum of Modern Art (MoMA) in New York City. Before coming to MIT, Williams was Co-Director of the Spatial Information Design Lab at Columbia University's, Graduate School of Architecture Planning and Preservation (GSAPP).



Mapping the Dynamic Divides within the Digital

Abstract: *The digital always has geography. It is from somewhere; about somewhere; it evolves and is transformed somewhere; it is mediated by networks, infrastructures, and technologies: all of which exist in physical, material places. These geographies of information about places matter because they shape how we are able to find and understand different parts of the world. In short, geographic augmentations do not simply reflect the nature of places, they are key in shaping it as well. Thus, digital geographies have emerged as important sites of political contestation as various actors seek to write their own interpretations onto places. This presentation provides a deliberately broad survey of a range of key digital platforms that mediate, host, and deliver different types of content. The goal is to document the uneven digital geographies of access, participation and representation and they process that are often amplifying rather than alleviating these divides despite the fast-paced spread of the internet.*

Matthew Zook is a Professor of Information Geography and the Director of New Maps Plus at the University of Kentucky. He also directs the DOLLY Project, a repository of all geolocated tweets worldwide from 2012 to the present.



Old Maps, New Media: Pixel and Polemography in France, 1590-1630

Abstract: *The hypothesis could not be more simple: the wholesale digitization of cartographic materials has opened new vistas in what now (say, following Jussi Parikka) is called media archaeology. Under way at the Houghton and Pusey Libraries, projects that yield digital versions in high resolution of antique maps allow readers to grasp in unforeseen detail and with arresting results process where ideology and creation are in coincidence. Where copperplate technology implements the drawing of maps of Baroque facture viewers can now discern how, why and where distinctions of decoration and cartographic representation are practically inseparable. In this paper study will be made of the relation of the cartouche to the visual field in French cartography of the years 1590-1630.*

Tom Conley is currently a fellow in the Garden and Landscape Division at the Dumbarton Oaks Research Collections. He works in Visual & Environmental Studies and Romance Languages at Harvard. He is author of *À fleur de page* (2015); *An Errant Eye* (2011); *The Self-Made Map* (2010), *Cartographic Cinema* (2007), *Film Hieroglyphs* (2006), etc. He is translator of works by Marc Augé, Michel de Certeau, Gilles Deleuze, Jacques Derrida, and others.



TBD *Note: this is a real title*
Wendy Chun
Moderator: Matthew W. Wilson

Abstract: *This talk addresses the resurgence of categories of race, gender, class and sexuality within data analytics via seemingly neutral proxies such as the purchasing of car insurance or unscented lotions. It calls on us to imagine and de-segregate network "neighborhoods", so that users are not siloed into categories based on coinciding likes and dislikes.*

Wendy Hui Kyong Chun

is Professor and Chair of Modern Culture and Media at Brown University. She has studied both Systems Design Engineering and English Literature, which she combines and mutates in her current work on digital media. She is author of *Control and Freedom: Power and Paranoia in the Age of Fiber Optics* (MIT, 2006), *Programmed Visions: Software and Memory* (MIT 2011), and *Updating to Remain the Same: Habitual New Media* (MIT 2016).. She is co-editor (with Tara McPherson and Patrick Jagoda) of a special issue of *American Literature* entitled *New Media and American Literature*, co-editor (with Lynne Joyrich) of a special issue of *Camera Obscura* entitled *Race and/as Technology* and co-editor (with Anna Fisher and Thomas Keenan) of *New Media, Old Media: A History and Theory Reader*, 2nd edition (forthcoming Routledge, 2015). She is a 2016 Guggenheim Fellow and ACLS Fellow, and she has been a Member of the Institute for Advanced Study (Princeton), a Fellow at the Radcliffe Institute for Advanced Study at Harvard and a Wriston Fellow at Brown. She is also the Velux Visiting Professor of Management, Politics and Philosophy at the Copenhagen Business School; she has been the Wayne Morse Chair for Law and



Politics at the University of Oregon, Visiting Professor at Leuphana University (Lüneburg, Germany), Visiting Associate Professor in the History of Science Department at Harvard, of which she is currently an Associate.

Panel II: Geographic Humanities

Mona Domosh, Doug Richardson, Nicholas Bauch

Moderator: Bobby Pietrusko

Practicing Geohumanities

Abstract: *As an historical, cultural and feminist geographer, I've spent most of my career engaging in what we might now call the geohumanities, that is, interrogating such concepts as space, place and time with the "tools" provided by fields of study that many would consider at home in the humanities: visual studies, cultural studies, feminist and critical theory, and critical race studies. In this presentation I will focus on several examples from my past and recent research into the making of American empires that highlight the practices and possibilities of geohumanities research and its importance to critical scholarship*

Mona Domosh is the Joan P. and Edward J. Foley, Jr. Professor of Geography at Dartmouth College, with research and teaching interests in cultural, urban and feminist geography. I served as the President of the Association of American Geographers from 2014-2015, and am now serving as the Past President. In addition to my scholarly articles, I have authored *American Commodities in an Age of Empire* (2006), *Invented Cities: The Creation of Landscape in 19th century New York and Boston* (1996), co-authored *Putting Women in Place: Feminist Geographers Make Sense of the World* (2001), and *Contem-*



porary Human Geography: Culture, Globalization, Landscape (2015), and co-edited the *Handbook of Cultural Geography* (2002).

Geography and the Humanities: Converging Worlds?

Abstract: *While the discipline of geography traditionally has embraced and contributed to the humanities, the recent resurgence of intellectual interplay between geography and the humanities has been remarkable. Geographers and diverse humanities scholars share a growing interest in re-examining their relationships and perspectives within exciting new contexts, whether pragmatic, aesthetic, or philosophical. The explosive growth of new geographic technologies also has brought elements of geography into direct interaction with the humanities and the creative arts, as well as within society more broadly. This talk explores the reciprocal disciplinary interactions between geography and the humanities, and suggests new pathways for further collaboration.*

Doug Richardson – see page 5

Design and Digital Publishing: Representing theoretical advances in the Geohumanities

Abstract: *The opportunity to publish born-digital scholarship through recognized university press imprints is imperative for the continued success of the Digital Geohumanities. Dissemination of cartographic representations has never been the problem. Rather, the cultural transition – or better yet, augmentation – from print to digital media is just beginning to catch on in university press publishing. Far beyond user interfaces that resemble the book experience, practitioners in the Digital Geohumanities have an unexplored universe of representational tools at their disposal which are now possible to streamline with standard academic outlets such as journals and books. These tools promise to advance and communicate intellectual/theoretical agendas of the Geohumanities,*

including 1) ways of knowing place and space, 2) representing multiple spatial ontologies concurrently, and 3) describing how exactly space is “produced.” In this presentation I use my recently completed born-digital, monograph-like project *Enchanting the Desert* (Stanford University Press, 2016) to touch on these themes, while highlighting the biggest limitation that we face as Digital Geohumanists. More so than web hosting or even project maintenance, the process of design simultaneously presents the greatest new skill set for Geohumanists and the biggest roadblock in streamlining creative born-digital works.

Nicholas Bauch is Geographer-in-Residence at Stanford University’s Spatial History Project. In autumn 2016 he begins an assistant professorship of Geohumanities at the University of Oklahoma, where he will direct the Experimental Geography Studio. He is author of *A Geography of Digestion: Biotechnology and the Kellogg Cereal Enterprise* (University of California Press, 2016) and *Enchanting the Desert: A Pattern Language for the Production of Space* (Stanford University Press, 2016). He holds a Ph.D. in Geography from the University of California, Los Angeles.



Panel III: Digital Spatial Humanities

Ken Foote, Kelly O’Neill, Nir Shafir
Moderator: Tim Cresswell

Narrating Space / Spatializing Narrative: Where Narrative Theory and the GeoHumanities Meet

Abstract: Recent research by narratologists, literary theorists, and geographers have highlighted the important role that space plays in understanding narrative as well as how narratives work in real and imagined spaces. Though space is sometimes slighted in theories that po-

sition space and place as only backdrops to plot, theorists are now highlighting the critical roles of space and place in many types of narrative. This is especially true of contemporary digital, cybernetic, cartographic and virtual narratives in which space and time play perhaps equal roles in storytelling and plot development. In this brief presentation I focus on just a few points of intersection between narrative theory and the geohumanities, especially narrative cartography, locative media, and transmedial narrative.

Ken Foote is professor and head of the Geography Department at the University of Connecticut. He has served as president of the Association of American Geographers and the National Council for



Geographic Education and has taught at the University of Texas and the University of Colorado. Much of his work focuses on the social and geographical dynamics of public memory and commemoration, especially the imprint of violence on landscape. However, his most recent book is *Narrating Space / Spatializing Narrative* with Marie-Laure Ryan and Maoz Azaryahu. His current project, with Anett Árvay, is *Contested Places, Contested Pasts: Public Memory and Commemoration in Contemporary Hungary*.

Deep, Thick, and Meaning-full(?): Thoughts on the New Landscape of Humanist Mapping

Abstract: This is a perfect occasion to reflect on the changing landscape of humanist mapping. With many bellwether projects now either complete or well-established, and a proliferation of journals, centers, and initiatives cropping up across the disciplines, it seems clear that a critical mass of humanists have embraced digital and/or spatial approaches to scholarship. Nev-

ertheless, crucial questions remain. Do we have a better sense than we did, say five years ago, of how to create rich, dynamic, spatially-informed representations of human experience? Are humanists developing projects that demonstrate not just the utility of mapping but the influence of spatial thinking? Have we been able to articulate our needs to GIS specialists and the industry more broadly? Is there such thing as a “humanities-friendly GIS”? To what extent are new technologies shaping the formulation of research agendas? This talk will focus on the way spatial humanities projects visualize and/or narrate the temporal dimensions of their subjects as a way of getting at those larger questions.

Kelly O’Neill is an Associate Professor in the History Department at Harvard University. She is a historian of Russia, and particularly of the social, cultural, and spatial implications of imperial expansion over the long eighteenth century. Her first book, *Southern Empire: the Logic and Limits of Russian Rule in Crimea*, reconstructs the incorporation of the Crimean Khanate into the tsarist system. Her current book project studies the relationship between Russia’s maritime trade and the emergence of “place-based” economies. As director of the Imperia Project, a historical GIS of the Russian Empire, she is working in collaboration with graduate students, undergraduates, and specialists at the Center for Geographic Analysis to produce a thick set of interactive map layers and related rich annotations describing Russia’s cultural and commercial infrastructure for the purposes of teaching and research.



Creating a Digital Gazetteer for the Early Modern Middle East

Abstract: *The Digital Ottoman Platform is*

a relatively new international project to create basic infrastructure and standards for data-driven digital projects on the early modern and modern Middle East. After an initial meeting in June 2015 at the Institute for Advanced Study, we decided to start by planning and building a digital gazetteer for the Ottoman Empire and its environs, which will be tested and discussed during a second meeting in June 2016. This presentation provides a small snapshot of the process and our decisions. In addition, I will discuss the obstacles we face, which mainly stem from attempting recreate a lost imperial space that stretches over many different nation states in the present day.

Nir Shafir is a historian of the Middle East whose research examines the intersections of knowledge production, religious practice, and material culture in the early modern world. He is a frequent host on the Ottoman History Podcast and curates the podcast’s History of Science series in addition to being one of the co-founders of *hazine.info*, a website dedicated to exploring the archives and libraries of the Islamic world. He is currently an advanced doctoral candidate in the History Department at UCLA.



Closing Remarks

Matthew W. Wilson

Matthew W. Wilson, PhD, is Associate Professor of Geography at the University of Kentucky and Visiting Scholar at the Center for Geographic Analysis at Harvard University. He co-founded and co-directs the New Mappings Collaboratory which studies and facilitates new engage-



ments with geographic representation. He has previously taught at the Harvard Graduate School of Design, and his current research examines mid-20th century, digital mapping practices.

Poster Awards

Stephen Ervin

Stephen M Ervin, MLA, PhD, is Assistant Dean for Information Technology at Harvard Design School and a lecturer in Landscape Architecture. Dr. Ervin is a pioneer in applications of, and has widely published on, computing in landscape architecture, planning and design; and has been actively involved in the development of the theoretical foundations of the discipline of Geodesign.



ing Office – an experimental cartographic practice. His work has been exhibited at the MoMA, SFMOMA, The Foundation Cartier, and the ZKM Center for Art and Media, among others, and has been featured in Metropolis, Architectural Record, and Domus. <http://www.warning-office.org/>

Doug Richardson – see page 5

Matthew W. Wilson – see page 11

Panel Moderators

Peter Bol, Tim Cresswell, Stephen Ervin, Bobby Pietrusko, Doug Richardson, Matthew W. Wilson

Peter K. Bol – see page 3

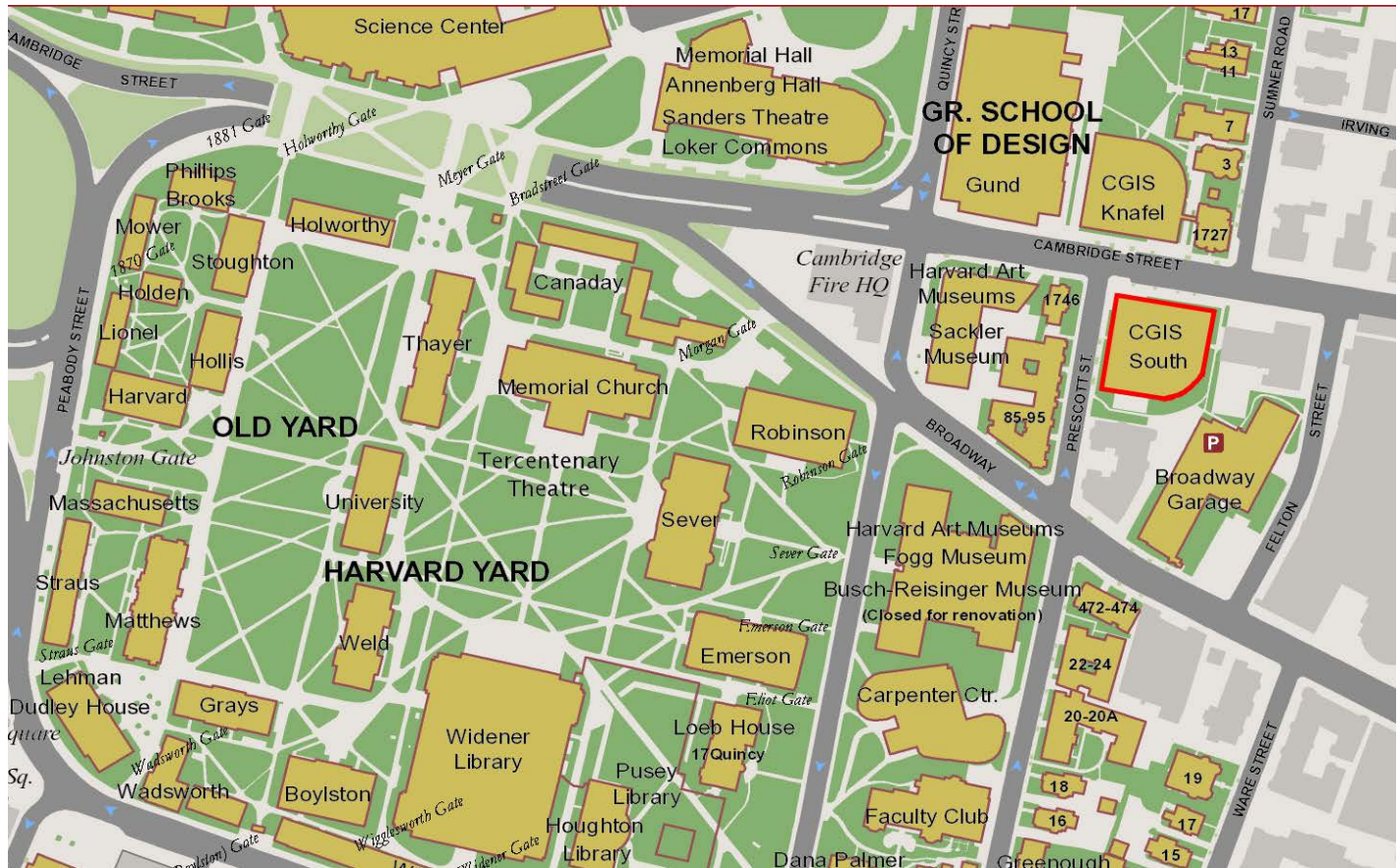
Tim Cresswell - see page 6

Stephen M Ervin – see page 12

Robert Gerard Pietrusko is an assistant professor of Landscape Architecture and Urban Planning at the Harvard University Graduate School of Design. His research and teaching focuses on geographic representation and simulation, as well as the history of spatial taxonomies and remote vision. He is the principal of Warn-



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