Jin-Kyu Jung

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University of North Dakota
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EDUCATION

Aug 2001- May 2007	**Ph.D, Geography, State University of New York at Buffalo** Specializing in GIS & Society, Critical Urban Geography, Qualitative Research and GIS, Mixed-Methods Research Committee: Dr. Meghan Cope (chair), Dr, David Mark, Dr. Ute Lehrer
Aug 1999- May 2001	**M.U.P., Urban Planning, State University of New York at Buffalo** Specialized in Urban Management and Community Planning
Mar 1993- Feb 1999	**B.A., Urban Engineering, Busan National University, Busan, South Korea** Minor in Architecture

THESES

Ph.D. June 2007	"Computer-Aided Qualitative GIS (CAQ-GIS) for Critical Researchers: An Integration of Quantitative and Qualitative Research in the Geography of Communities"
M.U.P. May 2001	"An Adequate Community-Building Process in Korea"
B.A. Feb 1999	"The Influence of Social Status to the Life of Apartment Community in Korea"

RESEARCH PUBLICATIONS

PEER-REVIEWED PUBLICATIONS

Jung, J.-K. (forthcoming 2008) Computer-Aided Qualitative Geographic Information Systems (CAQ-GIS): A Software level Integration of Qualitative Research and GIS in *Qualitative GIS: Mixed Methods in Practice and Theory*, eds. M. Cope and S. Elwood: SAGE.

PUBLICATIONS

Cope, M. and J.-K. Jung. (forthcoming 2008) Qualitative Geographic Information Systems (GIS) in *International Encyclopedia of Human Geography*, eds. R. Kitchin and N. Thrift: Elsevier.

ARTICLES IN PROGRESS

Jung, J.-K. Research with Children through Qualitative GIS: The Meanings of Community from the Perspective of Children

Jung, J.-K. Serendipitous Role of GIS for *Local Knowledge* Production: Masten District Neighborhood Plan in Buffalo, NY

Jung, J.-K. The Accessibility of Grocery Stores for Low-Income African American Communities in Buffalo, NY: An Example of the Socially-Relevant Use of GIS

ARTICLES IN PROCEEDINGS

Taylor, H. and J.-K. Jung. 2004. Integrating GIS into Participatory Planning Processes: The Case of Masten District Neighborhood Plan in Buffalo, NY. *Third Annual Public Participation GIS Conference*, Madison, WI, July 18-20

TECHNICAL REPORTS

Zicari, L., J.-K. Jung, and P. Belanger. 2003. Brownfield Tax Opportunity Cost in Niagara County, NY. A White Paper Analysis. Institute for Local Governance and Regional Growth (ILGRG) & Center for Waste Management at University at Buffalo

TEACHING EXPERIENCE*

Aug 2007-	**Visiting Assistant Professor**, Dept. of Geography, UND
Dec 2007	GEO 151 **Human Geography**
	GEO 471 **Cartography & Computer-Assisted Mapping**
	GEO 474 **Introduction to GIS**
Jan 2008-	**Visiting Assistant Professor,** Dept. of Geography, UND
May 2008	GEO 457 **Urban Geography and Planning**
(Current)	GEO 474 **Introduction to GIS**
	GEO 271 **Map Use and Interpretation**
June 2006-	**Adjunct Instructor**, Dept. of Geography, SUNY at Buffalo
Aug 2006	GEO 481/506 **Introduction to Geographic Information Systems**
Aug 2005-	**Teaching Assistant**, Dept. of Geography, SUNY at Buffalo
Dec 2005	GEO496/596 Children's Urban Geographies
Aug 2004-	**Teaching Assistant**, Dept. of Geography, SUNY at Buffalo
Dec 2004	GEO496/596 Children's Urban Geographies

* Please also note: I was twice invited to teach "**GEO 381 Cartography and Visualization"** as an **Adjunct Instructor** by the Dept. of Geography, SUNY at Buffalo (**Fall 2006 & Spring 2007**), which I was interested in and able to teach; however, the demands of this class would have interfered with completing my dissertation on time, so my advisor suggested I declined.

RESEARCH EXPERIENCE

Aug 2007-Current

Co-Researcher, Center for Urban Studies, SUNY at Buffalo
Project: Inside El Barrio: Race, Class, and Everyday Life and Culture in Havana, Cuba (with Dr. Henry Taylor)
Description: Discovering a unique form of urban neighborhood building process in Cuba. New GIS analyses are used for exploring the composition and social function of Cuban urban neighborhoods.

Aug 2006-Dec 2007

Research Assistant, NCGIA (National Center for Geographic Information & Analysis), SUNY at Buffalo
Project: Ethnophysiography (with Dr. David Mark)
Description: Funded by NSF, *Ethnophysiography* project is to learn how people describe and communicate about the landscapes that they live in. Exploring and developing a new mixed-methods research paradigm that can combine both ethnographic qualitative data with quantitative GIS and spatial data (www.ncgia.buffalo.edu/ethnophysiography).

Jan 2004-May 2006

Research Assistant, NCGIA, SUNY at Buffalo
Project: Children's Urban Geographies (with Dr. Meghan Cope)
Description: Funded by the NSF, the primary goal of this project is to study how children think about, experience, and act upon urban space. This was designed to be a 'child-led' project, to explore participatory research strategies.
(http://www.geog.buffalo.edu/research/geokids).

Jan 2005-August 2005

Research Assistant, Center for Urban Studies, SUNY at Buffalo
Project: Health and Inner City Built Environment: The Effects of Where African-American Live, Work, and Play (with Dr. Henry Taylor)
Description: Exploring the significant health inequalities among African American and examining the role played by the built environment. It studies Near East Side of Buffalo focusing on the pedestrian-unfriendly neighborhood, crime and the foreboding visual images of neighborhood, and unhealthy homes, neighborhood conditions and food security.

Jan 2002-Dec 2003

Graduate Assistant, ILGRG (Institute for Local Governance and Regional Growth), SUNY at Buffalo
Project: REDD (Regional Economic Development Database)
Description: In partnership with Erie and Niagara Counties and the Buffalo-Niagara Enterprise, this project developed and maintains an on-line, GIS enriched database to support coordinating various providers of economic development services and helps municipalities (http://regional-institute.buffalo.edu/prog/redd.html).

Jan 2003- July 2004	**Graduate Assistant**, Masten District Neighborhood Plan, Buffalo, NY, Funded by Center for Urban Studies, Dept. of Planning, SUNY at Buffalo (with Dr. Henry Taylor) Project: Bottom-up neighborhood planning process by applying PPGIS (Public Participatory GIS) approach in the predominately poor, African-American East-side community in Buffalo, NY.
Nov 1999- May 2000	**Student Assistant**, 2010 University at Buffalo Master Landscape Plan, Dept. of Planning, SUNY at Buffalo

PROFESSIONAL EXPERIENCE

Jan 2003- Dec 2003	**Planning Intern**, FLARE (Fillmore-LeRoy Area Residents, Inc), Buffalo, NY Participating Community Planning Process & Web-page Making
May 2001- Aug 2001	**Planning Intern**, Dept. of Planning, Lee County Government, Fort Myers, FL Future Land Use Plan using GIS and upgrading county parcel database
Jan 2001- May 2001	**Graduate Assistant**, Dept. of Planning, SUNY at Buffalo Computer Resource Lab Help Desk
May 2000- Aug 2000	**Planning Intern**, Dept. of Planning, Busan Metropolitan City Hall, Busan, S. Korea Preparing plan proposal and public meeting & Website maintenance
Sept 1999- Dec 2000	**Student Assistant**, Custodial Service, SUNY at Buffalo Maintaining Residence hall and other school facilities
Jan 1999- July 1999	**Assistant Director**, Dept. of Social Affairs, YWCA, Busan, S. Korea Monitoring social issues, Consumer Protection, Protesting

PRESENTATIONS

INVITED PRESENTATION

Sept. 28, 2007	"Cultural Geography of Korea," Invited Speaker for Asian Culture Night, International Center, University of North Dakota
Sept. 12, 2007	"Becoming a Geographer and Research Opportunities," Guest Speaker for "GEO501 Geographic Through Time", Professors Parade Series, Dept. of Geography, University of North Dakota

CONFERENCE PRESENTATIONS/POSTERS

Jung, J.-K., (2007). Computer-Aided Qualitative GIS (CAQ-GIS): A New Approach to Qualitative GIS. *The Annual Meeting of Association of American Geographers (AAG)*, San Francisco, CA, April 17-21

Mark, D. and J.-K. Jung. (2007). Using Qualitative and Mixed Methods to Represent Information About Indigenous Geographic Concepts. *The Annual Meeting of Association of American Geographers (AAG)*, San Francisco, CA, April 17-21

Jung, J.-K. 2006. Including Qualitative Data in GIS. *The Annual Meeting of Association of American Geographers (AAG)*, Chicago, IL, March 7-11

Cope, M, L. Knigge, J.-K. Jung, and F. Latcham. 2005. Redundant Space or Lots of Opportunity: Children's Perspectives on Neighborhood Spaces in the West Side of Buffalo. *Participatory Research and Racial Justice*, Baldy Center for Law and Social Policy Community Workshop; SUNY at Buffalo, Buffalo, NY; Sept. 23.

Jung, J.-K. 2004. Children's Conceptualization of Heritage and the Question of Community. (Poster). *Race, Ethnicity & Place Conference*, Howard University, Washington D.C., Sep 16-18.

Jung, J.-K. 2004. Empowering Participatory Planning Process with GIS: Masten District Neighborhood Planning in Buffalo, NY. (Poster). *Third Annual Public Participation GIS Conference*, Madison, WI, July 18-20

Jung, J.-K. 2004. Community through the eyes of children in the West Side of Buffalo, NY. *The Annual Meeting of Association of American Geographers (AAG)*, Philadelphia, PA, March 14-19

Jung, J.-K. 2003. The Accessibility to Grocery Stores for Low-income, African-American Communities in Buffalo. *The Annual Meeting of Association of American Geographers (AAG)*, New Orleans, LA, March 5-8

CONFERENCE SESSION CHAIRED

2004	Co-Chair, Children's Geographers II: Challenging Assumptions about Children and Young People Session, *The Annual Meeting of Association of American Geographers (AAG)*, Philadelphia, PA, March 14-19, 2004
2004	Cities and Globalization II Session, *The Annual Meeting of Association of American Geographers (AAG)*, Philadelphia, PA, March 14-19, 2004

WORKSHOP & TRAINING

2007	The Geography Faculty Development Alliance (GFDA) Summer Workshop for Early Career Faculty, June 2-9, University of Colorado at Boulder (http://www.colorado.edu/geography/gfda/gfda.html)
2007	The Vespucci Initiative for the Advancement of Geographic Information Science, 5th Summer School, "Geospatial Ontology," June 11-15, Florence, Italy

GRANTS & AWARDS

Dec 2007	Outstanding Faculty Teaching Award Nominee, University of North Dakota (UND)
June 2007	Travel Grant, Microsoft Research Grant, $2000
June 2007	Travel Grant, Vespucci Initiative, 5th Summer School, "Geospatial Ontology," $2000
Feb 2007	Travel Grant, AAG Urban Geography Specialty Group (UGSG), $100
Mar 2006	Travel Grant, Association of American Geographers (AAG), Urban Geography Specialty Group (UGSG), $100
Mar 2006	Travel Grant, NCGIA, SUNY at Buffalo, $500
Dec 2004	Mark Diamond Research Fund (MDRF) Dissertation Research Grant, SUNY at Buffalo, $1500
Mar 2004	Travel Grant, University at Buffalo Graduate Student Association, $150
Mar 2004	Travel Grant, AAG, Urban Geography Specialty Group (UGSG), $75
Mar 2004	Travel Grant, NCGIA, SUNY at Buffalo, $500
April 2003	NYS/GSEU (New York State/Graduate Student Employee Union) Professional Development Grant, $1200
Mar 2003	Travel Grant, University at Buffalo Graduate Student Association, $250
Mar 2003	Travel Grant, AAG, Urban Geography Specialty Group (UGSG), $100

TECHNICAL SKILLS

GIS Software	ArcView 3.2, ArcInfo, ArcGIS 9.2, ArcIMS, ArcSDE, ArcObjects, TransCAD, PCRASTER, GRASS
Design	AutoCAD, Google Sketch
Analytical Software	SPSS, MATLAB
Web-Design	Macromedia Dreamweaver MX, MS FrontPage
Computer Language	C, C++, Visual Basic, HTML
Database	MS Access, MS SQL (Learning), ArcSDE
Multimedia Editing	Adobe Photoshop, Macromedia Fireworks & Flash, Adobe Premier
Office Software	MS-Office (Word, Excel, Access, PowerPoint, Publisher, Visio)
Qualitative Data Analysis Software	Atlas ti, NVivo, NUDist

LANGUAGE

Korean	Native Speaker
English	Fluent in writing, reading, and oral communication

AFFILIATIONS AND CERTIFICATES

2003-Current	Association of American Geographers (AAG) Member (Urban Geography, GIScience, Qualitative Research Specialty Group)
2005	2001-2003English Proficiency Approved for Teaching as an Instructor, ESL, SUNY at Buffalo

2001-2003	Urban and Regional Information Systems Association (URISA) member
1999-2003	American Planning Association (APA) member
2001	English Proficiency Approved for GA/RA/TA, ESL, SUNY at Buffalo
2001	Certificate of Specialization in Urban Management, The School of Architecture and Planning, SUNY at Buffalo
2000	Certificate of Community Builder, HUD, Buffalo, NY
1998	National Certificate (License) of an Architect, S. Korea

DEPARTMENTAL AND COMMUNITY SERVICE

2006-2007	Alternate Senator, Graduate Student Association (GSA), University at Buffalo
2004-2006	Weekly volunteer, Butler-Mitchell Boys and Girls Club, Buffalo, NY (helped with homework; ran research projects using art, field trips, and other media; taught GPS, mapping, and basic computer functions to children ages 6-13; general mentoring for 'at-risk' youth
2004-2005	Senator, Graduate Student Association (GSA), University at Buffalo