

GCI Monthly

A publication of the **Great Cities Institute** at the University of Illinois at Chicago



October 2009 Issue

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Faculty Scholar Spotlight

Isabel Cruz



Secure Access to Integrated Data and to Resources

We describe our current and future research on data and organization interoperation for geospatial and context-aware applications. The data interoperation problem consists of manipulating data transparently across multiple data sources. The solution to this problem is central to the seamless integration of

Dear Friends and Colleagues:

I am so pleased to welcome all of you to another year of activities at the Great Cities Institute. I hope the summer treated you well, and that you can join us at Great Cities with renewed energy and good ideas for the coming year.

We have six new [faculty scholars](#) this year who have organized a set of exciting seminars and lectures for 2009-2010. We also are honored to be joined by Mr. James Compton as the Vernon Jarrett Senior Scholar and Professor Michele Kelley as the James Stukel Professor. Mr. Compton will continue his work on issues of race and education, and will present this work at GCI events later this year. Professor Kelley will spend the year conducting research on the role of GCI in facilitating UIC's full range of engaged learning options for students at the graduate and undergraduate levels.

For those who are interested in these and other Great Cities activities, it is not too early to begin to think about applying to be a Great Cities Institute Faculty Scholar in 2010-2011 or applying for a Faculty Seed Fund award for 2010-2011. Applications can be found on our [website](#), and a proposal workshop will be held on Thursday, October 29, 2009 at 3pm for all those who are interested or considering spending a year at GCI.

Finally, we look forward to visits from our friends and colleagues. Please know you are always welcome at GCI. The coffee pot is on and we hope to see you soon.

All the best,

David

heterogeneous data sources necessary in a wide range of domains and applications. The need for secure access arises when the data resources are controlled by different organizations that need to interoperate. In this case, secure access to data resources is an instance of access to resources in general, for example, in an emergency situation where different organizations (e.g., police, fire, and healthcare departments) need to establish on the fly access to both urban and data resources taking into account the context (e.g., location) of both users and resources.

Biographical Sketch

Isabel Cruz is Professor of Computer Science in the College of Engineering at the University of Illinois at Chicago. She holds a PhD degree in Computer Science from the University of Toronto. She has received numerous awards for teaching, service, and research including the NSF Career Award in 1996 and the Great Cities Institute Scholar Award in 2009. She has more than 90 refereed publications in databases, geographic information systems, semantic web, visual languages, graph drawing, user interfaces, multimedia, information retrieval, and security.

She has been general chair, program chair, program vice/associate chair of several of the most important conferences in her fields of expertise, such as IEEE ICDE, ACM GIS, International Conference on GeoSpatial Semantics, ACM Multimedia, ISWC, and ESWC and served on the program committees of more than 130 conferences. She has been editor to several books and journals and has served in strategic committees including the Mapping Science Committee of the National Academies. Her leadership

Partnership with Chinese Development Center



Dr. Tingwei Zhang, director of Asia and China Research Program at GCI and professor of CUPPA, visited China over this past summer. While there he was able to form a research partnership with Hangzhou CBD Development Center, a government institution in charge of the new CBD development project of the city of Hangzhou. The city has a population of 8 million residents, is the capital of China's Zhejiang Province, and is located 300km south of Shanghai.

The research partnership will review literature on public open space provisions and maintenance. In addition, it will focus on the creation of public open space and uses of private-owned public space (POPS) in cities located within the US and China.

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GCI would like to take a moment to welcome our new 2009 - 2010 Faculty Scholars and Research Assistants. Take a moment to familiarize yourself with our newest additions and discover how they will be supporting GCI during this academic year.

NEW FACULTY SCHOLARS: 2009 - 2010

Ralph Cintron - Associate Professor
Democracy as Fetish
Departments of English and Latin American and Latino Studies
College of Liberal Arts and Sciences

Isabel Cruz - Professor
Secure Data and Organization Interoperation for Geospatial and Context-Aware Urban Applications
Department of Computer Science
College of Engineering

Elena Gutierrez - Associate Professor
Social Networks in the Access to Reproductive Health Services of Migrant Women from Zacatecas to Chicago, Illinois: A Community

roles at UIC include being the CS facilitator of the NSF Advance WISEST program (to increase the number, participation and leadership status of women in academic science and engineering), the chair of the CS faculty search committee, and member of the dean of engineering search committee twice.

She directs the Advances in Information Systems (ADVIS) Lab, has advised nineteen students in their PhD and MS theses, and has published with fourteen of her undergraduate research advisees. The broader impact of her research has been demonstrated in biomedical and land management applications and in many teaching innovations.

[PUBLIC LECTURE: TUESDAY
OCTOBER 6, 2:00pm](#)



[Neighborhoods Initiative](#)

[Professional Education](#)

[Urban Affairs Review](#)

[Chicago Politics](#)

[CUPPA](#)

[Giving to GCI](#)

[Quick Links...](#)

[Our Website](#)

[About Us](#)

Intervention

Departments of Latin American and Latino Studies and Gender and Women's Studies
College of Liberal Arts and Sciences

Norma Claire Moruzzi - Associate Professor

Tied Up in Tehran: Women, Social Change and the Politics of Daily Life
Departments of Political Studies and Gender and Women's Studies
College of Liberal Arts and Sciences

Jesus Ramirez-Valles - Professor

The Health and Social Connectedness of Urban "Gayby Boomers" in Chicago
Division of Community Health Sciences
School of Public Health

Moira Zellner - Assistant Professor

Towards Urban Sustainability in the Chicago Region: Using Agent-Based Modeling for Social Learning and Environmental Planning
Department of Urban Planning and Public Affairs and Institute for Environmental Science and Policy
College of Urban Planning and Public Affairs and Office of the Vice Chancellor for Research

NEW AND RETURNING RESEARCH ASSISTANTS: 2009 - 2010

Anjali Alva

First year MUPP student
Concentration in Economic Development
Supporting Professional Education in course development and online communications.

Danielle Barnes

Final year MPA student
Concentration in Information and Performance Management
Working with the Vernon D. Jarrett Senior Fellowship Program.

Delia Bleahu

First year MUPP student
Concentration in Community Development
Working in GCI administration.

Caitlyn Costello

Second year MUPP student
Dual concentration in Economic Development and Transportation Planning
Working and researching for the Illinois Resource Net.

Rodolfo Flores

First year MUPP student
Concentration in Transportation Planning

[What We Do](#)

[Calendar of Events](#)

[Join Our Mailing List!](#)

Working on creating and assembling the Monthly GCI Newsletter.

Glenda Garelli

MUPP graduate and second year CUPPA PhD student
Concentration in International Planning and Community Development
Researching for "Great Cities: UIC's Metropolitan Commitment," as well as "Bracketing, layering and theorizing of the urban."

Kathryn Kaminski

First year MPA student
Concentration in Local Government Administration
Supporting Professional Education at GCI by providing administrative support for online courses in nonprofit management and website development.

Pritesh Karia

Second year Master of Public Health (MPH) in Epidemiology
Working on C-TALK: a group based intervention project that is focused on healthy sexuality and HIV prevention for men who have used cocaine and crystal meth.

Julie Langer

First year Master in Public Administration
Concentration in Financial/Non-Profit Management
Working in Professional Education, on developing strategic marketing strategies to increase online enrollment.

Carrie Menendez

Third year CUPPA PhD student
Concentration in Community Development
Continuing research on the Impact of Universities on Urban Areas.

John Schaeffer

First year MUPP
Concentration in Physical Planning
Working on the Impact of Universities on Urban Areas.

Joshua Stillman

First year MUPP student
Concentration in Community Development
Documenting the footprint of engaged learning at UIC.

Rinrada Thongrubkaew

Second year MBA student
Concentration in Finance and Marketing
Responsible for financial and accounting duties which include account reconciliations, payables processing and maintenance of equipment inventory.

Kuliva Wilburn

First year CUPPA PhD student

	<p>Concentration in Urban Planning Working on the Healthy Cities Project.</p> <p>Yang Yu Second year CUPPA PhD student Concentration in Physical Planning and International Development Researching privately owned public space design and management, including a international comparison between US and China.</p> <hr/>
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