

## Design and Social Inquiry, Fall 2011

### Office of the Dean



Dean Rosalyn Carter

Greetings!

Welcome to this issue of the College for Design and Social Inquiry's newsletter.

We have had a great start to an exciting year! Enrollments are steadily increasing as is the research and creative output of our faculty and students.

As part of the President's initiative to increase opportunities for FAU students, The Schools of Public Administration and Urban and Regional Planning have successfully launched two new and exciting undergraduate degree programs: Bachelor of Public Safety Administration and the Bachelor of Urban Design. Both of these new programs grew out of collaborative efforts of multiple disciplines across the college

The School of Urban and Regional Planning is gearing up

for World Planning Day. On November 8 they will host an entire day of activities culminating with an awards ceremony honoring South Florida's most outstanding planners. For more information you can visit [fau.edu/cdsi/SURP](http://fau.edu/cdsi/SURP).

Drs. Leslie Leip and Gordon Bazemore continue their long term interdisciplinary research into various approaches in handling juvenile offenders.

Congratulations to the School of Social Work, which has been recognized for one of its many community activities by 17<sup>th</sup> Judicial Circuit Guardian ad Litem (GAL) program for community advocacy. They have been named Advocate of the Year.

The School of Architecture successfully held its first Summer Institute for high school students this past July. The School hosted a group of students from all over south Florida and other states for two weeks in its lower division studios on the Boca campus.

Please take a look inside, read and enjoy!

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Check This Out



## Formula SAE Racecar Project

With the scope of promoting cross-disciplinary collaboration within the university, a team of Architecture students, under the supervision of Assistant Professor Emmanouil Vermisso, worked on the design and prototyping for the body of an open-wheel racecar, following an invitation from Dr. Oren Masory, Professor and former director in the FAU Department of Mechanical Engineering. Acting as 'design consultant' and 'client' respectively, students from Architecture and Mechanical Engineering worked closely to finalize the body of the race-car, which was manufactured and, subsequently competed in the 2011 Formula SAE Michigan Event.

The SAE annual racing competition is organized by the Society of Automotive Engineering and is an event of international caliber attracting Engineering schools from around the world. Professor Vermisso accompanied FAU's "Owls Racing" team to Michigan during the competition which took place in May 2011. The FAU team placed 45<sup>th</sup>/122 overall, and secured 15<sup>th</sup> place in Design & Manufacturing, receiving very favorable comments from the SAE judges.

The fully-functional car was also exhibited in the 2<sup>nd</sup> Avenue Gallery in Fort Lauderdale, as part of the FAU "Going-Out-Standing" fall 2011 exhibit, where the public had the opportunity to engage with some of the Owls Racing team's members and get informed about the project.

This ongoing effort between the two schools continues this year with the designing of a new car that will be re-designed and optimized to compete in the 2012 Competition. The broader hope of this project is providing opportunities to re-examine the mode of collaboration among different disciplines, and academic departments, finding ways to make such workflows as seamless as possible. During a time where Technology underpins an ever larger portion of the decisions made within the Architecture industry, architects and engineers need to better understand how to relate to each other for a mutual benefit of their disciplines. The project was also presented during a conference on Architecture & Engineering in New York this past June.



SEA Racecar Michigan 2011

## Graduate Student Awarded First Fellowship Funded By The Sun

The School of Urban and Regional Planning has announced the first recipient of the "Sun Fund Fellowship," a unique graduate student fellowship believed to be the first in the world that is "funded by the sun." The funding is derived from the amount saved in energy costs due to the solar roof installation on FAU's Higher Education Complex building on its Fort Lauderdale campus.

Brett Waldman, a first-year student in the Master of Urban and Regional Planning program, was awarded the \$6,000 fellowship plus a tuition waiver for the 2011-12 academic year. As the recipient of the fellowship, Waldman will work as a research assistant to faculty in the areas of environmental planning and climate adaptation.

"The goal of the solar roof initiative is to not only utilize a clean energy source, but to be an educational resource to both our students and the community," said Jaap Vos, Ph.D., associate professor and director of the School. "It's an innovative way of directly helping the environment, while

the environment indirectly helps a student financially."

In the first two years of operation, the solar energy panels have saved the university approximately 7.5 percent of its previous energy costs to operate the building. One of the tasks for Waldman will be to accurately calculate the actual savings attributed to the solar array.

A flat panel display in the lobby of the building, along with the interactive web site [www.fausolar.com](http://www.fausolar.com), currently display the real time monitoring of kilowatt hours generated by the array on an hourly, daily, yearly and lifetime basis.

A South Florida native, Waldman holds a bachelor's degree in landscape architecture from the University of Florida. He has extensive professional experience in residential and municipal landscape design, with particular focus on water conservation and alternative energy integration.

"My first exposure to the power of solar energy was in 1990 on the roof of my house in Plantation, Florida," said Waldman. "My parents took the initiative to install a solar panel to reduce economic

expenses and the electric consumption of our water heating energy. Even at a young age this decision was a defining moment for me, demonstrating that through

alternative, creative decision making we can make a positive impact for ourselves, community and surrounding environment. It is my highest intention that with the Sun Fund Fellowship and the resources available at the School of Urban and Regional Planning, I will continue this trend of forward thinking through progressive planning and design."

The deadline to apply for the "Sun Fund Fellowship" for the fall 2012 semester is March 16, 2012, and the application can be found online at [www.fau.edu/surp](http://www.fau.edu/surp). To learn more about the solar roof installation and the School's solar roof initiative, visit [www.fau.edu/surp/solarroof](http://www.fau.edu/surp/solarroof).



**Hands Holding the Sun**

## Researching Urban Shantytowns in Ulaanbaatar, Mongolia.

Dr. Jean Martin Caldieron received a grant to research urban shanty towns in Ulaanbaatar, Mongolia.

This area has been facing an onslaught of rural migration to the urban areas because countryside inhabitants have lost their livestock due to recent harsh climate conditions and the transition from communism to a democratic market economy. In the cities, migrants have invaded land erecting rural nomadic felt tents or yurts, called gers in the Mongolian language. The traditional gers are sustainable structures very well adapted for a nomadic society, but when they are located in high-density unplanned shantytowns, they face many issues.

Ulaanbaatar is the coldest capital of the world; gers householders use coal and wood for heating causing heavy air pollution, especially in winter. These informal urban areas lack sanitation, adequate vehicular access and other services. Eventually residents build small permanent houses, however they still lack services. Jean-Martin has done more than 100 householders surveys related to housing conditions in several gers districts, the main objective is to propose self-improvement solutions.

The surveys shows that approximately 49% of the gers district householders were living as rural nomads before moving to their present domicile. About 56.3% have

been living less than 5 years in the city. Only 17% of the houses participating in the study had sewer connections and about 36% did not have any latrine facilities at all. However, housing in the gers districts seems to adapt to family needs and resources, somehow members of these unauthorized settlements and family groups interact and solve their common problems.

This research is a collaboration between FAU School of Architecture and the Mongolian University of Science and Technology. The project is financed with the help of the US-Mongolia Field Research Fellowship Program, sponsored by the American Center for Mongolian Studies, the Council of American Overseas Research Centers, and the US Department of Education.



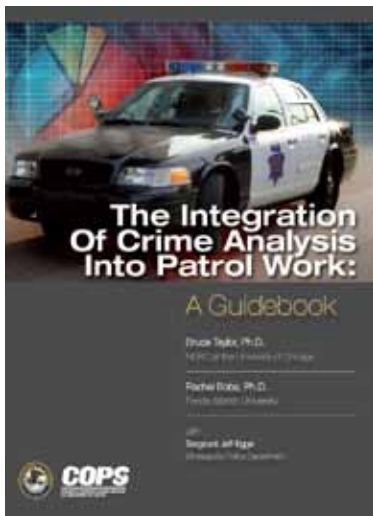
Community of Gers



Shanty Town in Ulaanbaatar Mongolia

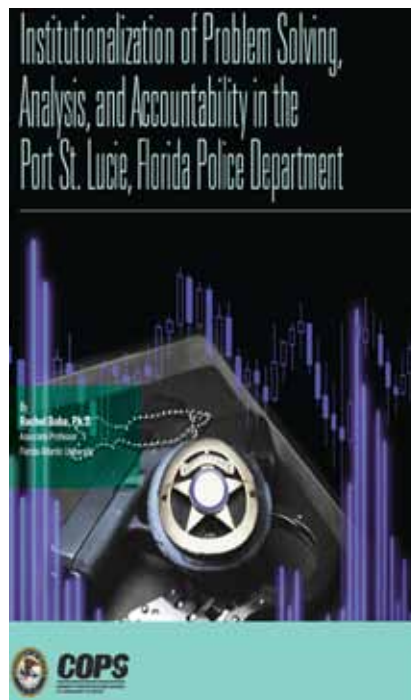
## Reports for the Department of Justice

Dr. Rachel Boba Santos has three major reports being published this fall by the United States Department of Justice, Office of Community Oriented Policing Services. They are: 1) A Police Organizational Model for Crime Reduction: Institutionalizing Problem Solving, Analysis, and Accountability (co-authored with Detective Lieutenant Roberto Santos of the Port St. Lucie, FL Police Department); 2) The Integration of Crime Analysis into Patrol Work: A Guidebook (co-authored with Dr. Bruce Taylor of the University of Chicago); and 3) Institutionalization of Problem Solving, Analysis, and Accountability in the Port St. Lucie, Florida Police Department. These publications are being



published in September and will be available on [www.cops.usdoj.gov](http://www.cops.usdoj.gov).

She will also be presented at two conferences in Miami this October. At the 22nd Annual Problem-Oriented Policing Conference, October 10-12, 2011, she will be making a presentation entitled, "Integrating Problem Solving, Analysis, and Accountability into your Agency" and at the National Institute of Justice, 11<sup>th</sup> Crime Mapping Research Conference, October 17-21, she will be making a presentation entitled, "Recommendations and Innovative Products for Integrating Crime Analysis and Crime Mapping into Patrol."



## Juvenile Justice Research

Leslie Leip, Ph.D., Associate Professor, has completed a seven-year research grant project on the juvenile justice system in south Florida. Dr. Leip and Dr. Gordon Bazemore presented the results of the project at the American Society of Criminology National meeting on November 18th, 2010 in San Francisco. The paper, "Diversion or Probation: the Consequences of Community Supervision Decisions in Juvenile Justice", carries significant policy implications. Last year, Dr. Leip worked with the Bureau of Justice Assistance on an analysis of actions taken by U.S. prisons as a result of the Prison Rape Elimination Act (PREA). Part of that project included a conference of the 50 state PREA coordinators, which was held at Florida Atlantic University.

Dr. Leip is also currently working with the United Way on their campaign to reduce youth violence. During the summer 2011, she will be facilitating Broward County community forums that will focus on developing sustainable solutions for addressing youth violence.

## Offender Studies

Christina Mancini, Assistant Professor in the School of Criminology and Criminal Justice is currently leading three studies investigating sex offender laws, sexual victimization, and public views about punishment. A recent article of hers (Mancini, Barnes, and Mears) examining national variation in sex crime reforms will appear in a forthcoming issue of *Criminal Justice Policy Review*.

The study addresses a critical research gap—virtually no work has examined the rapid proliferation of sex crime reforms from a state-level perspective. Accordingly, the “tough on sex crime” characterization of states may be understated or incorrect. In addition, it may gloss over substantial variability in the types of laws (e.g., registries, residence restrictions, chemical castration) that have been enacted and the implications such variability has for the generalizability of assessments of these laws. Drawing on an analysis of recent state laws, the study identified considerable variation in the type, intensity, and design of sex offender policies among states. The results suggest that not all states have uniformly toughened their response toward sex crime and that considerable caution is warranted when generalizing

from evaluations of particular sex crime laws.

Christina will present these findings along with research from two other projects at the annual American Society of Criminology (ASC) meeting in Washington D.C. At the conference she will also chair a session focused on public views toward the criminal justice system.

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## Dutch Delta Commissioner

Wim Kuijken, the Commissioner of the Netherlands’ Delta Programme, visited the School of Urban and Regional Planning on the Fort Lauderdale campus on September 12th, 2011 and delivered a special presentation from 3:30-5:00pm. He was joined by a delegation from the Netherlands, including staff from the Delta Programme and high-level diplomats from the Dutch Embassy in Washington, D.C. and the Consulate General in Miami, FL.

Commissioner Kuijken discussed the role of the Dutch Delta Programme, the Netherlands’ intricate national water supply and protection program, and the Netherlands’ collaborative approach to water management. He also addressed the significance

of decoupling politics from natural resource issues of long-term consequence.

“The Delta Commissioner’s presentation will be particularly relevant to the water and coastal

issues we face in South Florida. The Dutch have been successful in formulating a collaborative and comprehensive approach that integrates long-term planning for land use and water management while protecting investments, ecosystems and people,” said Dr. Jaap Vos, Associate Professor and Director of the School of Urban and Regional Planning, prior to the event.

Dr. Margaret Leinen, Executive Director of FAU’s Harbor Branch Oceanographic

Institute and the Associate Provost of Marine and Environmental Initiatives at FAU, presented opening remarks and welcomed the Delta Commissioner and his delegation to FAU.



Wim Kuijken

## Architecture Summer Institute

The Institute for Design and Construction (IDaC), in partnership with the School of Architecture, hosted the first annual Architecture Summer Institute for High School Students. The Institute ran for two weeks this past summer. The curriculum was developed by Dr. Henning Haupt, a faculty member in the School of Architecture. The program was facilitated by the IDaC director, Leigh McFarland, along with five School of Architecture upper division students. Thirteen students participated from high schools in South Florida, Maryland, Illinois, and Ohio.



Student Building Model

The Summer Institute utilized the lower division studios on the Boca Raton Campus for two weeks. The students were given the opportunity to build models, learn drawing techniques, visit local architecture firms, and visit the Fort Lauderdale campus. Full time and part time architecture faculty members gave lectures and demonstrations on topics such as drawing, history, precedence, and structure. The students described the program as “fun” and “amazing.” One student stated “I would come back next year if I could.”



## School of Urban and Regional Planning Partners with Wellington

A fresh perspective, one honed in knowing how a town can best thrive, will come to Wellington this year. Graduate students and staff at Florida Atlantic University’s School of Urban and Regional Planning are teaming up with village staff to help plan Wellington’s next half-century. Neighborhood revitalization, job creation, commercial redevelopment and equestrian community enhancement are part of the mix.

“Planning is the key,” Mayor Darell Bowen said. “If we do it right, we’ll get to where we want to. If we don’t, we’ll end up on dead-end roads.” The agreement is part of developing “Wellington 2060,” a plan the village is crafting to become a “sustainable” community with strong residential and economic components by the year 2060.

The FAU partnership calls for the village and university to work on five projects including an assessment of local economic opportunities, commercial retail re-use strategies, plans for the village’s Medical Arts District and research for the village’s Equestrian Master Plan. Each project will be compiled into a research report and be presented to the village council.

Wellington also will get a designated faculty liaison and designated graduate research assistants to work with, along with a summer graduate intern. The village council will have workshops with the team each of the three years. A final feature is a “living lab,” a website that will house the work as it evolves,.

**Social Work Wins Community Advocate Award**

The School of Social Work was awarded the 17th Judicial Circuit Guardian ad Litem Community Advocate of the Year Award and is in the running to win the state level award. The partnership between the School of Social Work and the GAL program began in 2008. Since the initial meetings the partnership has blossomed into the GAL program providing multiple presentations every semester in social work classes and participation in volunteer and career fairs annually. The field faculty from the School of Social Work has worked exceptionally hard to partner with the GAL program in order to provide a rich learning environment for undergraduate and graduate social work students completing their field placements. The Guardian ad Litem Program is an approved field placement for BSW and first year MSW interns and serves as a volunteer site for students. In recognizing the value of this partnership, the 17th Circuit GAL Program nominated the FAU School of Social Work as the Statewide Guardian ad Litem Program, Community Advocate of the Year!



Social Workers With Award



**Public Procurement**

Khi V. Thai, School of Public Administration, was recently invited to speak at the III Multilateral Meeting of Government Procurement, in Santiago, Chile. Chile Compra (the National Public Procurement Agency) hosted this international, procurement officials meeting.

Cliff McCue, School of Public Administration, Dr Thai and the National Institute of Governmental Purchasing, are co-hosting the 5th International Public Procurement Conference. Professor Thai is the founder of IPPC, whose first biennial conference was in 2004.

The 4th conference was in Seoul, South Korea, in 2010 with over 400 participants from 59 countries, and major international organizations including the United Nations, the World Bank, OECD, etc.

Dr. Thai is also conducting a study for the Inter-American Development Bank on "Benefits of Good Procurement." Prof. Thai presented his study to the Organization for Economic and Cooperation Development at its February 2011 Procurement

## Evaluating Massachusetts Criminal Justice Programs

Upon request by the Massachusetts Board of Higher Education, Dr. Jeanne Stinchcomb is serving as an evaluator for the review of criminal justice programs operating under the state's Police Career Incentive Pay Program. The Massachusetts legislature delegated authority to the Board of Higher Education to establish guidelines for academic programs being pursued by police officers in conjunction with the educational salary incentive initiative, and to conduct periodic reviews of these programs for certification purposes. Similar to the national certification process developed by the Academy of Criminal Justice Sciences (for which Dr. Stinchcomb is also a certified reviewer), she will serve on an evaluation team to review participating academic programs in order to determine whether they are meeting specified quality standards.

## Scholarship Opportunity Through The Institute of Government

The John Scott Dailey Florida Institute of Government at FAU was very pleased to receive the 2011-2012 Adriana Castellano Memorial Scholarship from the Florida Association of Building Tax Officials. A \$1250 scholarship will be awarded in the fall and spring semester to two students within the College of Design and Social Inquiry. Scholarship qualifications and application information will be distributed shortly. Please contact Sarah Shannon ([sshannon@fau.edu](mailto:sshannon@fau.edu)) if you have any questions regarding the scholarship.



**Natalia Ramirez Last Years  
Scholarship Recipient**

## Student Advising Corner

The College for Design & Social

Inquiry Advising Centers are here to assist you through the labyrinth of program requirements and university rules and regulations. Advising Centers are located at three campuses (Boca Raton, Fort Lauderdale and Davie) for convenient access to you. Appointments are always encouraged as walk-in days are limited.

It is very important for students to keep track of deadlines.

Advising Centers are located in:

Fort Lauderdale – HEC1008

Davie – ES 288

Boca Raton – SO206 (new location, as of 11/9/11)

Some important dates:

January 7, 2012 – Spring classes begin

January 13, 2012 – Last day to drop/add courses with no penalty

January 17, 2012 – Last day to pay all fees without a late fee

Lower division Architecture  
December 16, 2011–

Application posted online  
January 27, 2012 – Application due

Upper division Architecture  
Last Friday in January -  
University application due  
Last Friday in February –  
School



Versel Reid advises student