

GSRs

“Sharing the Excitement of Research”



Second Annual

Geography Student Research Symposium

Department of Geography
Texas State University | San Marcos

22 April 2005

12:30 – 12:40 **Introduction and Welcome** **Room 316**
Geography Student Research Symposium Committee

Chair: Kirk Schoppe
Secretary: Alison Magnusson
Members: Mikaila Bell, Alecia Brettschneider, Noah Hopkins, Edris Montalvo,
Jr., Carl Schmiedeskamp
Faculty Advisor: Lawrence Estaville

12:45 – 1:50

1.1 Women in Geography Panel Session **Room 316**
Chair – Mikaila Bell

Panelists: Karin Ascot Executive Committee Member, Austin Sierra Club
Mikaila Bell Master's Student, University of Miami-Coral Gables
Dawna Cerney Ph.D. Student in Environmental Geography
Joanna Curran Geography Faculty in Water Resources
Nikki Williams Master's Student in Environmental Geography
Diana Woronuk Undergraduate GIS Student

1.2 The San Marcos River & Environmental Activism **Room 312**
Chair – Vera Wood Cruz

12:45 Elizabeth Whitaker *The Effect of Storm Water Flow on the Sediment Wedge
in the San Marcos River*

1:05 Jamie Zech *What Makes a Person an Environmental Activist: A
Preliminary Qualitative Study*

1.3 Images and Interfaces **Room 315**
Chair – David Viertel

12:45 David Viertel *Frequency-Based Measures of Urban Form & Character*

1:05 John Klier *Logarithmic Enhancement of Color Stereoscopic Effect*

1:25 Noah Hopkins *The Changing Human-Canine Interface of a Highland
Guatemalan Maya Community*

2:00 – 3:05

2.1	Sustainable Urban Planning Panel Session	Room 316
	Chair – James Vaughan	

Panelists:	Carol Barrett	City Planner, San Marcos, Texas
	Gwen Burnet	Master's Student in Environmental Geography
	Sally Campbell	Executive Director, Envision Central Texas
	Barry Hunter	Planning & Zoning Commissioner, Cedar Park, Texas
	Bernadette Marion	Ph.D. Student in Environmental Geography
	James Vaughan	Adjunct Faculty in Planning; TCEQ Project Manager

2.2	Green Works: Purchasing, Trails, & Sprawl	Room 311
	Chair – Andy Ellis	

2:00	Michael Linder	<i>Environmentally Preferable Purchasing</i>
2:20	Greg Griffin	<i>Surveying Trail Users with the Web: A Landscape Evaluation Method for Predicting Trail User Preferences</i>
2:40	Mikaila Bell	<i>Growing a Global City in a Biodiversity Hotspot: Urban Development in Miami</i>

2.3	Themes on Theory and Praxis	Room 312
	Chair – Alecia Brettschneider	

2:00	Christopher Murr	<i>Labeling Theory: A Potential Barrier</i>
2:20	E. J. Hanford	<i>Meta-Analysis of Isotretinoin & Depression</i>
2:40	Alecia Brettschneider	<i>Applied Geography: Marketing & Targeting</i>

2:45 – 3:30

Poster Session	3rd Floor – Evans Liberal Arts Building
Coordinator – Vanessa Martinez	

Jane Heath	<i>Remote Sensing & Water Quality</i>
Lynda Manning-Schwartz	<i>Geographic & Nongeographic Signs in Mixtec Codices: A Taxonomy</i>
Vanessa Martinez	<i>A Comparison of Three Simple 3D Techniques for Displaying Terrain Data</i>
Emariana Taylor	<i>A Conceptual Model of the Mexican Free-Tailed Bat (Tadarida brasiliensis mexicana) Emergence</i>
Hydro Tech (GEO 4427)	<i>Urban Development Impacts on Northern Hays County Water Resources</i>

L.I.G.E.R.S.
(GEO 4427)

*Risk Assessment of Closed Landfills Considering Their
Impact on Groundwater Quality & Environmental
Justice Issues in Bexar Country, Texas*

NEO GEO Spatial Detectives
(GEO 4427)

*Spatial & Temporal Analysis of Burglaries in San
Antonio*

3:15 – 4:20

3.1	Earth Day: Today's Environmental Issues Panel Session	Room 316
	Chair – Noah Hopkins	

Panelists:	David Baker	Executive Director, Wimberley Valley Watershed
	Melissa Gray	Ph.D. Student in Environmental Geography
	Noah Hopkins	Undergraduate Student in Environmental Geography
	Russell Johnson	Adjunct Faculty in Water Resources; Water Law Attorney
	Carlos Swonke	Associate, Turner Collie & Braden
	Emariana Taylor	Ph.D. Student in Environmental Geography

3.2	The U.S Census, Latino Landscapes & “the Great Election Grab”	Room 311
	Chair – Edris Montalvo, Jr.	

3:15 Derek Wu *Interpolating Census Block Populations Using
Regression Analysis*

3:35 Edris Montalvo, Jr. *Latino Landscape Imprints in the Texas Panhandle Plains*

3:55 Bernadette Marion *Redistricting: A Geographic Perspective*

3.3	Crime: Hotspots & Victims	Room 312
	Chair – Carl Schmiedeskamp	

3:15 Shing Lin *Evaluating Local Nonstationary When Considering the
Spatial Variation of Large-Scale Autocorrelation*

3:35 Abigail Squires *Patterns in Criminal Victimization*

4:30 – 5:30

Plenary Session	Room 116
Chair – Lawrence Estaville	

Daniel Sui *Ubiquitous Computing and the Future of Geography*
Reta A. Haynes Chair
in Geosciences
Texas A&M University