College of Architecture, Construction, and Planning
FACULTY RESEARCH SYMPOSIUM
Friday, February 19th

8:00 Welcome
John Murphy, CACP Dean

Aula Canaria (BV 1.328)

8:30 – 9:45 Session i: Architecture: Past, Present and Future
Moderator: Robert Baron

Measurement and Proportion in the Design of Mission San Jose y San Miguel de Aquayo
Shelley Roff

Spontaneous Textures – Papercrete and Bioplastic
Taeg Nishimoto

The Continental Compact
Ian Caine

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10:00 – 11:15 Session ii: Issues in Construction Science and Management
Moderator: Suat Gunhan

Fatal Fall Accidents in Small Building Construction Projects
Yilmaz H. Karasulu

Survey: Common Knowledge in BIM for Facility Maintenance
Rui Liu

Developing BIM Laboratory Exercises for a MEP Systems Course in a Construction Science and Management Program
Rogelio Palomera Arias

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11:30 – 12:45 Session iii: Housing: Policies and Applications
Moderator: Edward Burian

Analyzing the Retrofit Potential of Historic Homes in Hot Humid Climates
William Dupont

Structural Assessment and Rehabilitation of Historic Buildings in Galveston, Texas
Saadet Beeson

Searching for Affordability and Opportunity: A framework for the Housing Choice Voucher Program
Rebecca Walter

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12:45 – 2:00 Lunch
2:00 – 3:15  Session iv: Pedagogy and the Built Environment
Moderator: Richard Tangum
The Promenade of the Street: A Spatio-Temporal Framework for Design
Mark Blizard / Curtis Fish
Ambiguity and Decision Making in Beginning Design Experience
Stephen Temple
Covering Business Development Topic in an Undergraduate Course
Suat Gunhan

3:30 -4:45  Session v: Sustainability and Building Performance
Moderator: William Dupont
Architecture Design Studio on Sustainable Tourism Alternatives in the Missions Historic District
Sedef Doganer
Multi-Objective Optimization of Building Envelop Design for Optimized Life Cycle Energy and Environmental Performance
Rahman Azari
Investigation on Existing Discomfort Glare Indices based on Human Subjects Study
Jae Yong Suk

5:30 – 7:00  Keynote Presentation: The Architecture and Cities of Northern Mexico from Independence to the Present
Edward Burian