

Texas A&M International University

Lamar Bruni Vergara &

Guillermo Benavides Z

Academic Conference

April 7-8, 2011





TEXAS A&M INTERNATIONAL UNIVERSITY
A Member of The Texas A&M University System

**Office of the Provost and Vice President
for Academic Affairs**

March 25, 2011

Dear Lamar Bruni Vergara/Guillermo Benavides Z. Student Research Conference Participants,

I would like to welcome each of you to the annual Lamar Bruni Vergara/Guillermo Benavidez Z. Student Research Conference. This is an exciting time for all of us as we celebrate the research and scholarly/creative accomplishments of our undergraduate and graduate students and their faculty mentors. This Conference is an outstanding example of how TAMIU continues to develop rich educational and research opportunities for students and faculty, as we continue our journey to become a premier international research/teaching institution.

Known for their intellectual curiosity, academic acumen, and cultural richness, TAMIU students have excelled at distinguishing themselves as being among some of the strongest academically prepared students in the Texas A&M University System. For the next two days, you will have the opportunity to see and hear students present the fruits of long hours in the laboratory, studio, library and classroom. I know you will find the work of these young men and women intellectually stimulating and academically sound as well as significantly adding to the knowledge base in their respective disciplines.

It is my sincere desire that each of you enjoy the next two days, but more importantly that you grow intellectually. It is also our hope that this year's event will become one of The Texas A&M University System's most widely recognized student research conferences.

Sincerely,

Pablo Arenaz, Ph.D.
Provost and Vice President for Academic Affairs

Thank you to:

The Lamar Bruni Vergara Trust and Guillermo Benavides Z.

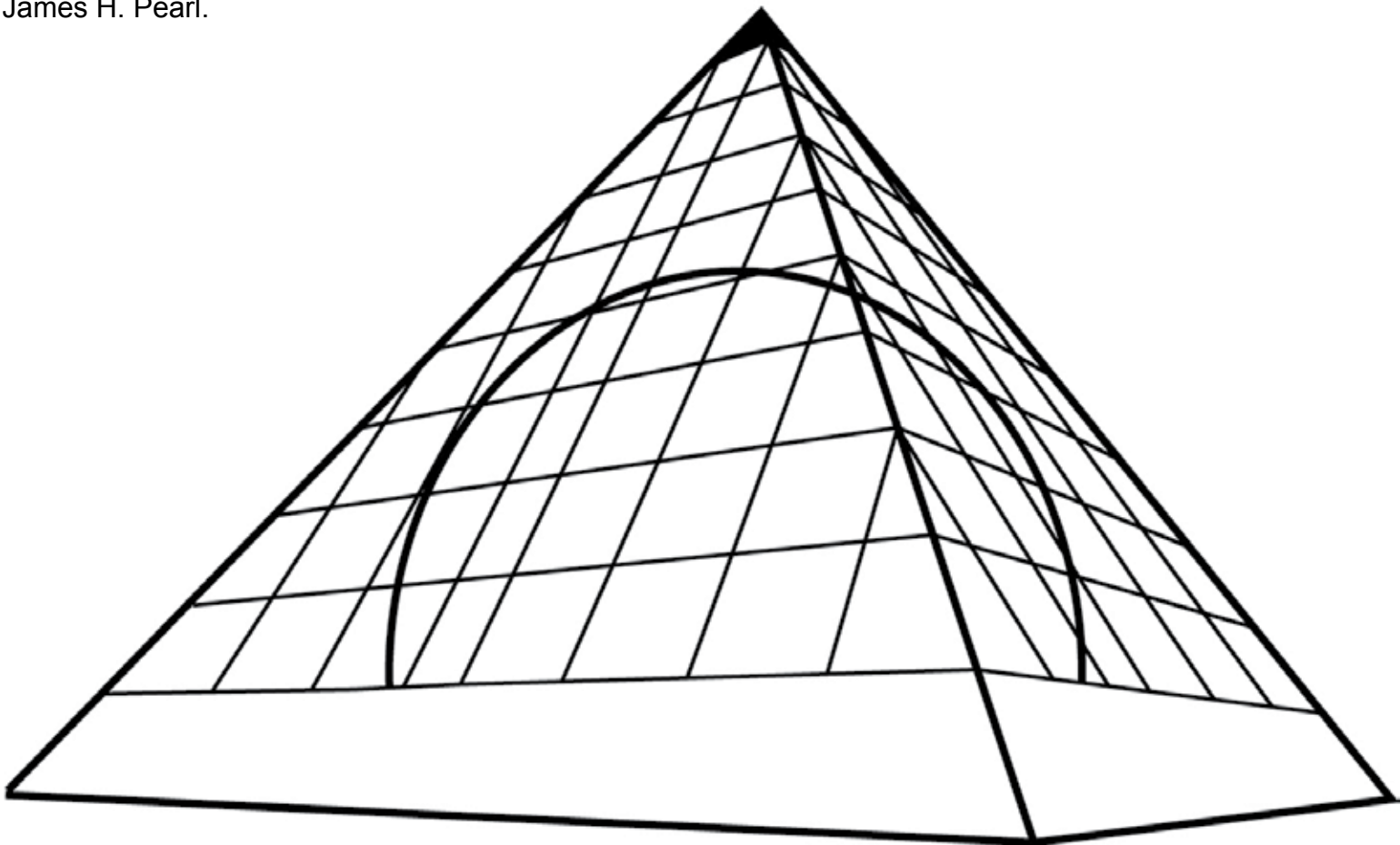
For the last two decades, the Laredo community has enjoyed the exquisite privilege of witnessing the creation, establishment, and development of a local institution of higher education that enjoys membership in the State of Texas' prestigious and world renowned research community known as The Texas A&M University System. As Texas A&M International University (TAMIU) continues to thrive with rich educational opportunities that it has provided to its students for the last two decades, TAMIU is now endeavoring to promote a vigorous research program.

For this and many other reasons, we would like for you to recognize and thank the Lamar Bruni Vergara Trust and Guillermo Benavides Z. for funding this research conference.

Both graduate students and those students aspiring to become graduate students have been invited to participate. The best graduate students will be specially recognized with cash prizes at the Closing Awards Ceremony supported by the Lamar Bruni Vergara Trust. Additionally, the best undergraduate students will be recognized with prizes supported by Guillermo Benavides Z., with the hope that in a few years they too will be in graduate school preparing to be the leaders of our future.

It is our hope that this Conference will continue for many years to come, recognizing our graduate students and preparing our undergraduate students to enter into graduate school.

TAMIU please join us in thanking the Lamar Bruni Vergara Trustees: J.C. Martin III, and James H. Pearl.



Conference Committee Members:

Steering Committee:

David Beck, *Committee Member*
Aleta Belcher, *Committee Member*
Whitney R. Bischoff, *Committee Member*
Jeffrey M. Brown, *Dean, Office of Graduate Studies*
Jorge Brusa, *Committee Member*
Hugo Luís García, *Committee Member*
Lynn Hemmer, *Committee Member*
Kevin D. Lindberg, *Conference Chair*
Mark Menaldo, *Committee Member*
Monica Méndez, *Committee Member*
David Milovich, *Committee Member*
Fernando G. Quintana, *Committee Member*
Marcus Ynalvez, *Committee Member*
Patsy Uribe, *Committee Member*

Entertainment:

Department of Fine and Performing Arts:

Susan Berdahl and TAMIU Silverwind Ensemble

Equipment:

TAMIU Office of Instructional Technology

Special thanks for their contribution to the Conference:

Candy Hein and the Office of Institutional Advancement
Office of Graduate Studies Staff (Suzanne Hansen-Alford, Sandra B. García, Isabel Contreras, Virginia Morales, Stephanie Williams, Lucy Cortez, and Shaun Sexton)
Aramark Catering
Laura Cortez, Miky Rubio and the Office of the Student Center
Office of Public Relations, Marketing, and Information Services (Daniel I. Tijerina)
Office of Research and Sponsored Projects Staff (John Kilburn, Anne Frey, Celeste Kidd, and Zoila Franco-Hinojosa)

Conference Schedule / Agenda

Thursday, April 7, 2011

12:00 pm – 6:00 p.m. Registration

Student Center Rotunda

Poster Sessions

3:00 - 3:30 p.m.	Judges Briefing	KWRC DD Court
3:00 - 3:30 p.m.	Poster #1 Set up	KWRC DD Court
3:30 - 5:00 p.m.	Poster Session #1	KWRC DD Court
5:00 - 5:30 p.m.	Poster #1 Take down	KWRC DD Court
5:30 - 6:00 p.m.	Poster #2 Set up	KWRC DD Court
6:00 - 7:30 p.m.	Poster Session #2	KWRC DD Court
7:30 - 8:00 p.m.	Poster #2 Take down	KWRC DD Court

Oral Sessions

3:15 - 4:15 p.m.	Session #1: SC 225, 230, 231
4:30 - 5:30 p.m.	Session #2: SC 225, 230
5:45 - 6:45 p.m.	Session #3: SC 120, 225, 230, 231
7:00 - 8:00 p.m.	Session #4: SC 225, 230, 231

Friday, April 8, 2011

Poster Session

9:30 - 10:00 a.m.	Poster #3 Set up	SC Rotunda
10:00 - 11:30 a.m.	Poster Session #3	SC Rotunda
11:30 a.m.- 12 p.m.	Poster #3 Take down	SC Rotunda

Oral Sessions

9:00 - 10:00 a.m.	Session #5: SC 120, 225, 230, 231
10:15 - 11:15 a.m.	Session #6: SC 120, 225, 230, 231
12:30 - 1:30 p.m.	Session #7: SC 120, 225, 230, 231
1:45 - 3:00 p.m.	Session #8: SC 230, 231

TAMU First-Year Experience Mini-Conference

8:00 a.m.-3:00 p.m.

SC 2nd Floor Balcony

**Please Join us for the Closing Ceremony and Awards Banquet at
the Student Center room 203 from 6 to 8 p.m.**

Special Speaker:

Dr. Ken Hung, 2010 University Scholar of the Year



Dr. Ken Hung is presently The TAMIU A. R. Sanchez, Jr. School of Business Division of International Banking and Finance Studies Chair and professor of Finance.

He has a Bachelor of Science degree from National Taiwan University, Taipei, Taiwan. His Master of Business Administration degree is from Virginia Tech, Blacksburg, Virginia with 18 graduate course credits in Finance. He graduated from University of Maryland – College Park with a Ph.D. in Business and Management.

Dr. Hung is an elected member of International Statistical Institute since 1996 and an ABI/Inform Research Board Member in 2000. Currently, he is on Editorial Board of The journal “Public and Municipal Finance.”

He has been a member of American Finance Association, Financial Management Association, TIMS/ORSA, International Institute of Forecasters, and Decision Science Institute in the past years. His publications have appeared in many prestigious journals of economics, finance, and statistics.

His recent teaching and research interests focus on various topics in corporate finance and public finance: corporate governance, capital budgeting, financial planning and forecasting and tax systems.

University Poster Session

US (Undergraduate Student)

GS (Graduate Student)

DS (Doctoral Student)

Poster Session 1

Thursday, April 7, 2011, 3:30 - 5:00 PM KWRC DD Court

No.	Presenter	Status	Discipline	Project Title
1	José A. Galván, Alexis Garza, Leanne Ruiz	US	Physics	The Sun
2	Mark A. Garner	US	Comp. Science	IMMS-Virtual Environment Integration
3	Arnulfo Casares Jr.	US	Engineering	Innovation in Robotic Systems and Tools
4	Abelardo Hernández, José Sotelo	US	Engineering	Photovoltaic Panels
5	Jorge A. Muñoz, Gabriela Mena, Marcos Vásquez	US	Engineering	The Large Hadron Collider
6	Oziel E. Ramírez José Martínez, John López	US	Engineering	Series and Parallel Circuits
7	Sergio Avedillo Genaro Sánchez, Ángel Valdez	US	Physics	Electric Cars
8	Valeria González	US	Physics	
9	Julio C. Talamantes	US	Mathematics	Determining Asymptotes of a Graph
10	Stephanie M. Reyes	US	Political Science	Cultural Phenomenon in A Long Way Gone
11	Carlos P. Castillo	GS	Psychology	Hispanic Graduate Students' Conceptualizations of the Ideal Mentor
12	Carolina Pllum	US	Psychology	
13	José J. Valadez Jr.	GS	Psychology	Violent Video Game Exposure Effects on Behavior
14	Lisa J. Trujillo	GS	Sociology	The Impact of the Intersection of Race, Social Class and Gender on Education and Income Attainment: 2009-2010 U.S. Census Status

University Poster Session

US (Undergraduate Student)

GS (Graduate Student)

DS (Doctoral Student)

Poster Session 2

Thursday, April 7, 2011, 6:00 - 7:30 PM KWRC DD Court

No.	Presenter	Status	Discipline	Project Title
15	Jessica A. Martínez	GS	Biling. Education	Bilingual Education Relating to CLD Students Over the Years
16	Leslie J. Widales	US	Biling. Education	The Controversy over Bilingual Education
17	Amanda Torres	GS	Biling. Education	Success for CLD Students in Math
18	Annette G. Benavides, Beatriz Peña, Gabriella Mancera Maribel De Luna, Araceli Rodríguez Carlos De La O	GS	School Counseling	A Whole New World
19	Eliana M. Cox, Mary Pacheco, Ana Loya, Roxanne Rios Jesse Vasquez	GS	School Counseling	The Bully: Discover the Truth Behind the Mask
20	Yuliana L. Alcaraz, Christopher González, Analee Benavidez Ana Luna	US	Biology	Detection of Ehrlichia and Borrelia in Amblyomma cajennense in South Texas
21	Sonya Anzaldua	US	Biology	Pax7 Expression and Color Pattern Development in Metriaclima 'msobo'
22	Rey Domínguez	US	Biology	
23	David Gómez Jr., Javier O. Parra	US	Biology	Quantifying Variation in Melanistic Color Patterns in Lake Malawi Cichlids
24	Jennifer Medlin, Analee Benavides, Anna Luna, Chris Gonzáles	US	Biology	Vector Potential and Natural Life Cycle of Amblyomma inornatum
25	Alma E. Vázquez	US	Chemistry	Organic Environmental Pollutants
26	Luis A. Stagg, Chamois Green, Daniel Villagran	US	Physics	Studies in Archaeoastronomy
27	Marty Reyes	US	Mathematics	Morbidity and Leading Diseases in Webb County
28	Heberto G. Salinas Jr.	US	Mathematics	Optimal Solution to a Transformation Problem of a Triangular Array

University Poster Session

US (Undergraduate Student)

GS (Graduate Student)

DS (Doctoral Student)

Poster Session 3

Friday, April 8, 1022, 10:00 - 11:30 AM Student Center Rotunda

No.	Presenter	Status	Discipline	Project Title
29	Laura N. Olivas	US	Early Child Ed.	GT Students
30	Daniel Ramos, Alejandro Cisneros, Jorge Casiano	US	Physics	The Milky Way
31	Gabriela Sánchez	US	Physics	The Northern Lights
32	Vanessa G. García	GS	Counseling	Personal Projects: A Way to Encourage Latino Graduation Success
33	Sonia R. Alvarado	US	Biling. Education	Lost in Translation: Biases in Language Assessments
34	Hector E. Ramírez	US	Chemistry	Environmental Pollution Effects of Heavy Metals and Possible Solutions
35	César Contreras	GS	Mathematics	Non-Destructive Human Bone Porosity Characterization by Nuclear Magnetic Resonance
36	Denise Y. Benavides	US	Fine Arts	A Decision

University Oral Session

US (Undergraduate Student)

GS (Graduate Student)

DS (Doctoral Student)

Oral Session 1

Thursday, April 7, 2011, 3:15 - 4:15 PM Student Center 225

No.	Presenter	Status	Discipline	Project Title
37	Alyson A. Martínez	US	Communication	Political communication in Central and Latin America
38	Vanessa Flores	US	Communication	
39	Areli García, José Luís Castillo	US	Fitness and Sports	Obesity and Level of Fitness vs. Academic Performance in Hispanic High Schoolers
40	Karla D. García	GS	History	Not a Feminine Mystique: Mexican-American Women, Americanization and the 1950s

University Oral Session

US (Undergraduate Student)

GS (Graduate Student)

DS (Doctoral Student)

Thursday, April 7, 2011, 3:15 PM-4:15 PM Student Center 230

No.	Presenter	Status	Discipline	Project Title
41	Julio A. Garza, Elizabeth Castañeda	US	Sociology	The Idea of Sex: A Study of Individuals' Perspectives
42	Raul A. Ramos Jr.	US	Psychology	The Etiology of Alcoholism: History, Symptomology, and Treatment
43	Sandra K. Pruneda	US	Psychology	Antisocial Personality Disorder
44	Karla K. Garza	US	Early Child Ed.	

Thursday, April 7, 2011, 3:15 PM-4:15 PM Student Center 231

No.	Presenter	Status	Discipline	Project Title
45	Erik Villa	US	Bus. Admin.	Interest Groups in Texas that Influence National Policy
46	Delissa A. Flores	US	Economics	Problems Arising from Principle/ Agent Relationships in Large Businesses
47	Candelario Ramírez III	GS	Mathematics	Immunization in Finance
48	Andrea D. Beattie, Pablo Camacho	GS	Political Science	Fiscal Federalism and Education: the Case of the "Robin Hood Plan" in Texas

Oral Session 2

Thursday, April 7, 2011, 4:30 - 5:30 PM Student Center 225

No.	Presenter	Status	Discipline	Project Title
49	Olufunlola O. Agbi	GS	Mathematics	Chinese Remainder Theorem in the Not Relatively Prime Case
50	Juan J. Arellano Jr.	GS	Mathematics	Problems in Algebra and Considerations for Avoiding Misconceptions
51	Edwin I. Torres	US	Mathematics	Is Laredo Getting Warmer?
52	Elisa Olvera	US	Physics	
53	Horacio De León, Christopher Lozano, Daniela Cavazos, Pierre López	US	Mathematics	Cutting Oxygen Short

University Oral Session

US (Undergraduate Student)

GS (Graduate Student)

DS (Doctoral Student)

Thursday, April 7, 2011, 4:30 - 5:30 PM Student Center 225

No.	Presenter	Status	Discipline	Project Title
54	Oneida Ibarra	GS	Biology	Hormonal Regulation of Paternal Care Strategies in Amatitlania Siquia
55	Selinda Martínez	GS	Biology	Localization of Prostaglandin F2 α Receptor in the Brain of Cichlid Fishes
56	Rogelio E. Olvera Jr.	US	Biology	Prostaglandin Mediated mate Choice in Cichlid Fishes
57	Raul Uribe	GS	Biology	Prolactin Gene Duplication and Alternate Parental Care Strategies in Cichlid Fishes

Oral Session 3

Thursday, April 7, 2011, 4:30 - 5:30 PM Student Center 225

No.	Presenter	Status	Discipline	Project Title
58	Adriana de la Cruz, Gerardo Cortez	US	Physics	The Physics of Electric Fields and Equipotentials
59	Alejandro De la Fuente Baruc Estrada	US	Engineering	
60	José A. Sotelo, Abelardo Hernández	US	Engineering	Friction Measurements
61	Gabino Torres, Edgardo Calzado, Arnulfo Cázares, Joshua Champion, Romina Del Bosque, Christian Rios, Marco Serna, Enrique Villarreal	US	Engineering	Practicing Engineering Fundamentals Through a Robotics

Thursday, April 7, 2011, 5:45 PM-6:45 PM Student Center 225

No.	Presenter	Status	Discipline	Project Title
62	Miriam Abrego	US	Biology	Lifestyle Intervention During Summer Months Improved Body Composition
63	Carolina L. González	US	Biology	A World of Polymers
64	Alejandro J. Medina	US	Biology	Internship at the LCC LBV Environmental Science Center
65	Cynthia Castillo Fatima Manalastas	US	Biology	Amplification of Microsatellite Markers for Siren Intermedia Texana

University Oral Session

	US (Undergraduate Student)	GS (Graduate Student)	DS (Doctoral Student)
Thursday, April 7, 2011, 5:45 PM-6:45 PM Student Center 230			
No.	Presenter	Status	Discipline
66	José I. Santos	US	Bus. Admin.
			Project Title Framing: An Undiscovered Tool by Many Small Business Entrepreneurs
67	José M. Rendón, David Chapa, Gilbert Salinas, Clarissa Ozorio	US	Mgt. Inf. Systems
			IT Security
68	Diairis M. Hernández Mary Rodríguez, Jesse Obregón	US	Mgt. Inf. Systems
			Information Technology Cost Reductions
69	Gerardo J. Zamudio, Damaris Cisneros, Justin Reyes	US	Accounting
Thursday, April 7, 2011, 5:45 - 6:45 PM Student Center 231			
No.	Presenter	Status	Discipline
70	Raul A. Ramos Jr. James Vásquez	US	Physics
			Project Title Aurora Borealis
71	Juan J. Morales Corey Pablo	US	Physics
			Black Holes
72	Elizabeth D. Ramírez, Andy García, Erik Guajardo	US	Physics
			Supernovas
73	Arnold E. Juárez III, Diana Martínez, Salvador Gallegos	US	Physics
			Galilean Moons
Oral Session 4			
Thursday, April 7, 2011, 7:00 PM-8:00 PM Student Center 225			
No.	Presenter	Status	Discipline
74	Pablo Cisneros	US	Engineering
			Project Title My Internship Experience At IBC
75	Edgardo G. Calzado, Joshua Champion, Arnulfo Cazares	US	Engineering
			Plasma Sound Generation
76	Alfredo Ramírez III, Emanuel Frias, Ramón Sánchez	US	Engineering
			Bimedical Electronics
77	Franz Gordillo Bianca Mares, Dana Dávila	US	Physics
			Lifetime of Stars
Thursday, April 7, 2011, 7:00 PM-8:00 PM Student Center 230			
No.	Presenter	Status	Discipline
78	Marisol A. Contreras	US	Comm. Disorders
			Project Title Cultural and Linguistic Diversity
79	Alejandra Ávila	US	Marketing
			Web 2.0: The Role of Social Media in E-Marketing
80	Carlos Villarreal	US	Mathematics
			Matrix and Society
81	Andrea D. Beattie	GS	Political Science
			Technical Innovation, Scientific Productivity, and Components of Power

University Oral Session

Thursday, April 7, 2011, 7:00 - 8:00 PM Student Center 231

No.	Presenter	Status	Discipline	Project Title
82	Alejandrina López, Iliana García, Ashley Mendiola Mayra Sánchez	US	Criminal Justice	Self-Control Among College Students
83	Érica L. López, José Lozano	US	Political Science	Should Others Defend Your Natural and Civil Rights?
84	Raul A. Ramos Jr.	US	Psychology	The Myers-Briggs Type Indicator: A Review
85	Susan Marie Aguilar	GS	Sociology	Cosmopolitanism in Science

Oral Session 5

Friday, April 8, 2011, 9:00 - 10:00 AM Student Center 120

No.	Presenter	Status	Discipline	Project Title
86	Maria L. Coronado	US	Nursing	Family Presence During Cardiopulmonary Resuscitation
87	Irma F. Guerra	US	Nursing	Issues in Advanced Practice Nursing: is Nursing Lost in the Transition?
88	Navil Lozano	US	Nursing	RFID Chipping in Humans
89	Graciela Martínez	US	Nursing	Pancreatic Cancer: Current Research and Interventions

Friday, April 8, 2011, 9:00 AM-10:00 AM Student Center 225

No.	Presenter	Status	Discipline	Project Title
90	Miriam Ábrego	US	Biology	The Effects of Cholesterol-Lowering Drugs
91	Keith M. Almeida	US	Biology	Cipro Deposition Effects After the Historic Rio Grande Flooding of 2010
92	Connie B. Lerma Joel Jurado	US	Biology	Changes in Soil Microbial Communities After Flooding of the Río Grande
93	Adrian R. Villarreal	US	Biology	Atrazine Deposition and Behavior Due to Record Flooding of the Río Grande

University Oral Session

Friday, April 8, 2011, 9:00 - 10:00 AM Student Center 230

No.	Presenter	Status	Discipline	Project Title
94	Raymundo Saldaña Jr., Hector Boone, Elizabeth Cardenas	US	Physics	Jupiter
95	Carlos J. Diaz	US	Physics	Nicolaus Copernicus
96	Arnulfo Cazares Jr.	US	Engineering	3-D Position Tracking
97	Alberto Garza III	GS	Biling. Education	CALPS in Math

Friday, April 8, 2011, 9:00 - 10:00 AM Student Center 231

No.	Presenter	Status	Discipline	Project Title
98	Brenda Gutierrez	US	Biling. Education	Preservice Teacher's Perceptions of English Language Learners
99	Silvia Perez, María Fernanda Zarate	US	Comm. Disorders	The Need for Speech-Language Pathologists in Laredo and Surrounding Areas
100	Nancy García	GS	Psychology	A Review on Previous Research and the Effects of Ostracism
101	Arlyn Martínez	US	Psychology	Through the Eyes of an Innocent: The Rorschach Test and Children
102	Karla I. Pruneda	US	Psychology	Psychological Testing in the Courtroom

Oral Session 6

Friday, April 8, 2011, 10:15 - 11:15 AM Student Center 120

No.	Presenter	Status	Discipline	Project Title
103	Julia C. Muller, Gilbert Duarte, Amber Hernandez Dorothy Gray, Saima Saavedra	US	Nursing	A Community Project: Bethany House
104	Mayela G. Niño	US	Nursing	Decision to be Made
105	Saima J. Saavedra	US	Nursing	NCLEX and Curriculum: The Relationship between NCLEX Passing Rates and Nursing
106	Jennifer Zippran	US	Nursing	Effects on Newborns of Mother Drug or Alcohol Abuse During Pregnancy

Friday, April 8, 2011, 10:15 AM-11:15 AM Student Center 225

No.	Presenter	Status	Discipline	Project Title
107	Yvette Mendoza	GS	Biology	Distribution of Field-Caught Mosquitoes from Webb County, Laredo, Texas
108	Victorio R. Santos Jr.	US	Biology	Assessment of Disuse Rat Model Using NMR Spectroscopy
109	David A. Chapa	US	Mgt. Inf.	Systems Cloud Computing: An Alternative to SME in Laredo?

University Oral Session

Friday, April 8, 2011, 10:15 - 11:15 AM Student Center 230

No.	Presenter	Status	Discipline	Project Title
110	Lilia L. Eskildsen	GS	Spanish	El huracán y la cruz
111	Lilia L. Eskildsen		Spanish	Y todos pierden la cabeza: sátiran militante en Mr. Taylor de A. Monterroso
112	Alejandra C. Marquez	GS	Spanish	El Secuestro, El mensaje
113	Manuel Moya	GS	Spanish	Ciento Veinte Minutos

Friday, April 8, 2011, 10:15 - 11:15 AM Student Center 231

No.	Presenter	Status	Discipline	Project Title
114	Salomon Gallegos	US	Physics	Jupiter's Moons
115	Christian J. Pérez, Alejandra Rivas, Vanessa Flores	US	Physics	The Aztec Calendar
116	Eduardo Guarneros, Omar Chapa, Rene Chapa	US	Physics	The Mayan Prophecy
117	Armando A. Navarro, Efrain Vasquez, Federico Villarreal	US	Physics	Solar Eclipses

Oral Session 7

Friday, April 8, 2011, 12:30 - 1:30 PM Student Center 120

No.	Presenter	Status	Discipline	Project Title
118	Kassandra Compean	US	Chemistry	Common Diabetic Medications
119	Klarissa L. Compean	US	Chemistry	Over-The Counter Pain Killers
120	Cesar Cardenas Jr.	US	Biology	Evaluation of Antimicrobial Activity of Fagara Zanthoxyloides Extracts
121	Claudia Garza-Gongora	GS	Biology	Graduate Science Training Practices, and Mentoring Practices: Learning from Japan, Singapore, and Taiwan

Friday, April 8, 2011, 12:30 - 1:30 PM Student Center 225

No.	Presenter	Status	Discipline	Project Title
122	Salvador Mendez	US	Engineering	Problems of Systems Engineering
123	Luís M. Campos, Eduardo Cisneros, Jesús Gamboa	US	Engineering	The Sun and its Magnetic Field
124	Roberto Lafaire	US	Engineering	
125	Marco A. Serna	US	Engineering	Systems Engineering: Past, Present, and Future

University Oral Session

Friday, April 8, 2011, 12:30 - 1:30 PM Student Center 230

No.	Presenter	Status	Discipline	Project Title
126	Yvette Moreno	US	Biology	Solanaceae Toxins
127	Nahyeli A. Plasencia	US	Biology	Morphological Plasticity of Opuntia Leptocaulis
128	Daniel Vera	US	Biology	Ontogeny of Melanistic Color Patterns in Metriaclima 'Msobo' Magunga and Me

Friday, April 8, 2011, 12:30 - 1:30 PM Student Center 231

No.	Presenter	Status	Discipline	Project Title
129	Alicia M. Cruz	GS	English	America as a Poem: Whitman and Ginsberg
130	Holly A. Dykstra	US	English	Narrative Technique in Faulkner's "A Rose for Emily"
131	William J. Nolen	GS	English	Tracing a Vein of Alienation Through the Tapestry of American Poetic Tradition

Oral Session 8

Friday, April 8, 2011, 1:45 - 3:00 PM Student Center 230

No.	Presenter	Status	Discipline	Project Title
132	Yahaira J. Cavazos	US	Biology	Survey of the Presence of Lectin Activity Among South Texas Plants
133	Luís Fuentes III, Carolina Sánchez	US	Biology	Temperature Stability of Lectins in Texas live Oak Extracts
134	Ricardo Medrano Jr.,	US	Biology	Comparison of Lectin Activities in the Crude Extracts of Two Acacia Species
135	Melinda Portillo	GS	Biology	Isolation and Characterization of Acacia Rigidula Lectin
136	Carolina Sánchez, Luís Fuentes III	US	Biology	Comparison of Lectin Activities in Texas Live Oak

Friday, April 8, 2011, 1:45 - 2:45 PM Student Center 231

No.	Presenter	Status	Discipline	Project Title
137	Mike Herrera IV	GS	English	Being Man or Ape: Viewing Eugene O'Neill's The Hairy Ape Through the Lens of Victor Frankl's Logotherapy
138	Devenny D. Lupear	US	English	Thank You, Anne Finch: A Savior Among Women
139	Erin J. Pérez	US	English	Animal Characteristics and Character Progression in Crane's "Red Badge of Courage"

Closing Ceremony/Awards Banquet

Friday, April 8, 2011, 6:00 - 8:00 P.M. Student Center 203

Closing Ceremony/Awards Banquet, featuring special speaker Dr. Ken Hung, 2010 TAMIU University Scholar of the Year

A Generalized Markowitz Portfolio Selection Model with Higher Moments

Texas A&M International University
Office of Graduate Studies

Student Center, SC 124

5201 University Boulevard, Laredo, TX 78041-1900

Ph: 956.326.3020 **E-mail:** graduateschool@tamiu.edu **Web:** tamiu.edu/gradschool