

# Conference Schedule/Agenda

Wednesday – April 1, 2015

## Registration

11:00 A.M. – 6:00 P.M.      Registration      Zaffirini Success Center 101

## Poster Sessions

1:30 P.M. – 2:00 P.M.      Poster Session #1 (*Set-Up*)      Zaffirini Success Center 101

2:00 P.M. – 3:30 P.M.      Poster Session #1      Zaffirini Success Center 101

3:30 P.M. – 4:00 P.M.      Poster Session #1 (*Take-Down*)      Zaffirini Success Center 101

5:00 P.M. – 5:30 P.M.      Poster Session #2 (*Set-Up*)      Zaffirini Success Center 101

5:30 P.M. – 7:00 P.M.      Poster Session #2      Zaffirini Success Center 101

7:00 P.M. – 7:30 P.M.      Poster Session #2 (*Take-Down*)      Zaffirini Success Center 101

## Oral Sessions

1:00 P.M. – 2:30 P.M.      Oral Session #1      Student Center 120, 225, 230, 231  
Western Hemispheric Trade Center 224

2:30 P.M. – 4:00 P.M.      Oral Session #2      Student Center 120, 225, 230

4:00 P.M. – 5:30 P.M.      Oral Session #3      Student Center 120, 236

5:30 P.M. – 7:00 P.M.      Oral Session #4      Student Center 120, 236  
Western Hemispheric Trade Center 111  
Fine and Performing Arts – Recital Hall 107

# Conference Schedule/Agenda

Thursday – April 2, 2015

## Registration

9:00 A.M. – 1:00 P.M.      Registration      Zaffirini Success Center 101

## Poster Sessions

8:30 A.M. – 9:00 A.M.      Poster Session #3 (*Set-Up*)      Zaffirini Success Center 101

9:00 A.M. – 10:30 A.M.      Poster Session #3      Zaffirini Success Center 101

10:30 A.M. – 11:00 A.M.      Poster Session #3 (*Take-Down*)      Zaffirini Success Center 101

12:00 P.M. – 12:30 P.M.      Poster Session #4 (*Set-Up*)      Zaffirini Success Center 101

12:30 P.M. – 2:00 P.M.      Poster Session #4      Zaffirini Success Center 101

2:00 P.M. – 2:30 P.M.      Poster Session #4 (*Take-Down*)      Zaffirini Success Center 101

## Oral Sessions

9:00 A.M. – 10:30 A.M.      Oral Session #5      Student Center 120, 225, 230, 231, 236  
Western Hemispheric Trade Center 126

10:30 A.M. – 12:00 P.M.      Oral Session #6      Student Center 120, 225, 230

12:30 P.M. – 2:00 P.M.      Oral Session #7      Student Center 120, 236

## Closing Ceremony – Awards Banquet

6:00 P.M. – 8:00 P.M.      Student Center Ballroom

# Poster Session #1

Wednesday – April 1, 2015

2:00 – 3:30 P.M.

Zaffirini Success Center 101

No.	Presenter	Status	Discipline	Presentation Title
1	Courtney Mainhart Candace Dunford Valeria Solis	UG	Nursing	Cotulla TX: Not Your Ordinary Oilfield City
2	Alexa Morales	UG	Psychology	Social Media and Academic Procrastination
3	Ivette Reyes Maria Santillan Lysandra Garza Clarissa Cubriel Echo Flores-Guzman Tanya Sanchez	UG	Nursing	Sacred Heart Children's Home
4	Luisa Rodriguez	UG	Fine Arts	Adorned Bodies: What lies beneath
5	Alonzo Martinez	GS	Psychology	Love and Respect: Framework of a Healthy Relationship
6	Martha Chapa	UG	Biology	Gene expression of a triclosan-resistant plant growth-promoting bacterium gene expression o a tricl
7	Erika Medina	UG	Biology	Effects of Exercise Intensity on Cortisol Antioxidant and DNA damage in Smokers and Non-Smokers
8	Iris Cervantes Kristian Martinez Karla Tamez Samantha Silva Andrea Rodriguez Tomas Chapa	UG	Nursing	The Benavides Boys and Girls Club: Making a difference one day at a time
9	Diana Garcia	UG	Biology	Habronattus (Araneae; Salticidae) of Webb County
10	Veronica Perez Dennis Garza Valeria Davila Maribel Colchado	GS	Education	The Behavior of Children in Poverty
11	Antonio Jimenez Marcelia Rosan	UG	Chemistry	Triclosan: Substituent effects on thermochemical properties
12	EmmaJo Robledo Oscar D. Gonzalez	UG	Biology	Effects of different habitats and scorpion size on Centruroides vittatus microhabitat selection
13	Deisy Johnson Diana Vargas Georgina Loreda	UG	Education	Malnutrition in Poverty

14	Armando Gallegos Vanessa Cadena Claudia Fragoso Thania Rios	UG	Education	How Poverty affects Childrens Stress Level
15	Carmen González Myrna Ibarra Stephanie Domínguez Marla Alanis	UG	Education	How poverty affects the cognitive development
16	Norma Hernandez Prisilly Ayala Grizelda Landa Manuel Rodriguez	UG	Education	Affects in Classroom Engagement
17	Andres Santa Cruz Christine Requenez Marissa Serna	UG	Education	Raising a Family in Poverty
18	Amanda Castillo	UG	Fine Arts	Literary Visions
19	Kassandra Compean	GS	Biology	Evaluation of the Antimicrobial Activity from Secondary Metabolites in Different Plant Families
20	Kassandra Ramirez	UG	Education	What reading instructions best fit the needs of ELLs?
21	Michelle Vega	UG	Education	How can educators engage and motivate students in a multicultural classroom?
22	Genaro Villalobos	UG	Education	What is the impact that sexism and gender discrimination has had on both men and women?
23	Melissa R. Cigarroa	GS	Education	Melissa R. Cigarroa's Philosophy Paper: Bilingual Education
24	Miriam A. Elizondo	GS	Education	Miriam A. Elizondo's Philosophy Paper: Bilingual Education
25	Alyssa Solis	UG	Education	Improve reading skills of struggling readers by one-by-one intevention
26	Clarissa Solis	UG	Education	Improve teaching skills of teacher candidates with hands-on experiences in a reading clinic
27	Paulina Armenta Christina Gonzalez Priscilla Lineros Maria Jose Ezeta Marcela Guzman	UG	Education	Rompiendo las ataduras del alfabetismo
28	Priscilla Rubio	UG	Education	Plazas Comunitarias Una Inversión hacia Nuestra Educación
29	Alejandra Gloria Diana Benavides	UG	Education	Plazas Comunitarias Retomando el Camino para un mejor mañana
30	Christine Requeña Marissa Serna	UG	Education	The Effects of Poverty on Children with Special Needs

# Poster Session #1

## Presentation Room Layout

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**Poster Session #2****Wednesday – April 1, 2015****5:30 – 7:00 P.M.****Zaffirini Success Center 101**

No.	Presenter	Status	Discipline	Presentation Title
31	Chelsei Jarnagin Clarissa Porras Rebeca Cavazos Vanessa Villareal	UG	Nursing	Empowering Encinal
32	Cynthia Huerta	UG	Nursing	Effectiveness of corticosteroids when applied with water-soluble vs. oil-based emollients
33	Judith Abrego Gerardo Garza Lizzette Tamez Vivian Martinez Tamara Robles	UG	Nursing	Help us to help you
34	Dario Delgado	UG	Biology	Accessing poulation of triclosan-tolerant heterotrophic bacteria in soils watered with triclosan
35	Anacristina Chapa	UG	Biology	The effect of triclosan on the microbial community in soil associated with tomato plants
36	Christopher Davila Manuel Benavides Ramon Rodriguez Ricardo Guarneros Alexandra Ciszek	UG	Engineering	Electical Car over Fossil fuel cars
37	Karen Valdez Flor Peredo Samantha Rodriguez Gregoria Benavides	UG	Nursing	East and Forgotten
38	Melissa Cadena	UG	Chemistry	Theoretical study of bromine halocarbons: Accurate enthalpies of formation
39	Diego Martinez	UG	Biology	Pro inflammatory cytokines to Smokers and Non-Smokers Following Different Intensity of Exercises
40	Irais Neira	UG	Chemistry	The Role of Biocompatible Polymers in Medicine
41	Karla Castillo Veronica Chavez	UG	Physics	Nuclear Magnetic Resonance and Water Distribution Changes in Human Cortical Bone
42	Rolando Vedia	UG	Chemistry	Chemical Composition of Modern Organic Materials
43	Miguel E. Zuniga	UG	Biology	Developing Lipid Nanotechnologies for Structural Studies of the Tenase Complex
44	Lorena Zapata	GS	Political Science	The Political Trajectory of Simon Bolivar: from Liberator to Tyrant
45	Cristina Olivares Alejandro Guerra Jackeline Solis	UG	Psychology	Working with Strangers
46	Roberto Torres	UG	Engineering	A Visual Basic application supporting the EPA Radnet

47	Erick Lopez Michelle Nuñez Guillermo Romero Adalberto Serna	UG	Physics	The Effect of Matrix Metalloproteinase-9 on the Growth of Mice Teeth
48	Amy Guerra Claudia Beltran	GS	Nursing	Cultural Influence on the Treatment and Diagnosis of ADHD in Children and Adolescents
49	Joshua Alexander	UG	Criminal Justice	Recruitment of Sources in the Cyber Domain
50	Daniela Carolina Ortiz Anacristina Chapa Antonio Jimenez	UG	Physics	The Usage of Nuclear Magnetic Resonance (NMR) to Assess the Changes in Human Teeth
51	Alejandra Garcia	UG	Education	How do students benefit from having a teacher that understands and implements effective multicultural instruction?
52	Mary Hinojosa	UG	Education	How different are males and females in the classroom? How should differences be addressed?
53	Esperanza Lara	UG	Education	How does social justice and gender stereotyping affect today's classrooms and what can we do to prevent or deal with it?
54	Aracelia Maldonado	UG	Education	How does SES affect student achievement?
55	Frances Martinez	UG	Education	Language: Standard English or Native Language?
56	Eunice Moncivais	UG	Education	Teaching art in a multicultural classroom.
57	Gabriela Nieto	UG	Education	What impact does class and SES have on academic achievement of students in USA?
58	Daniela Ramirez	UG	Education	Should one implement multicultural education in the classroom?

## Poster Session #2 Presentation Room Layout

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**Poster Session #3****Thursday – April 2, 2015****9:00 – 10:30****Zaffirini Success Center 101**

No.	Presenter	Status	Discipline	Presentation Title
59	Patricia Garcia Casey Rodriguez	UG	Education	Bridging the Communication Gap between Students - The Young Practitioner and the Adult Client
60	Damaris Cisneros Anais Moradia	UG	Education	Relations within Diabetes
61	Victoria Pena Valeria Gonzalez Laura Alvarado	UG	Psychology	Metaphoric Reference: A Real Time Analysis of Bilingual Language Processing
62	Joshua Garza Maria Cortez Monserat Bedolla	GS	Communications	Tinnitus Experience within Service Men and Women
63	Di Cui	UG	Education	The survey of kindergarten teachers to participate in professional learning community
64	Vanessa Nunez Adrian Robles Guillermina Sanchez	UG	Physics	Nano-encapsulated drug for bone loss
65	Leslie Solis	UG	Biology	Effects of Telephone Intervention on Inflammatory Cytokines Following Summer Intervention Program
66	Mabi Vazquez	UG	Chemistry	The Building Blocks of Life Found on Mars
67	Travis Salinas	UG	Biology	Isolation & Amplification of Prostaglandin F <sub>2</sub> α receptors in cichlid fishes
68	Gerardo Saldaña Sarahi Ontiveros	UG	Biology	The Effect of Vegetation Density and Size on the Microhabitat Use of <i>Centruroides vitattus</i> and <i>Vaejovis waueri</i>
69	Patrick Palacios	GS	Biology	The Determination of the Biological Activities of Three South Texas Fabaceae Leaf Extracts
70	Jonathan Briseno	GS	Psychology	Eating Disorders: Is Acculturation a Risk Factor for Hispanics? An Eye Tracking Study
71	Cisse Drame	GS	Psychology	STEP PROGRAM
72	Jessica Lozano	UG	Biology	Identifying Antimony Tolerant Bacteria from Chacon Creek's Slag-Contaminated Soil
73	Barbara Montoya	UG	Biology	Identification of Arsenic Tolerant Bacteria from Slag-Contaminated Soil
74	Carlos Garza	UG	Biology	Changes in Physical Fitness and Lipid Profiles Following Primary and Secondary Interventions in Hispa
75	Elizabeth Green	UG	Biology	The Effect of Isolation on Fecundity Periodicity and Egg Quality in <i>Oreochromis Mossambicus</i>
76	Adriana Sanchez	UG	Education	What are some approaches that can promote literacy development amongst students with disabilities?
77	Selina Sanchez	UG	Education	Running Head: Further Reducing the Literacy Gap for Diverse Students



78	Alma Valdez	UG	Education	What are some strategies and methods to facilitate ELLs' vocabulary development?
79	Paulina Armenta E.	UG	Education	What are the effects that bullying has on academic performance?
80	Amanda Cantu	UG	Education	Which teaching approaches appeal more to different learning styles?
81	Maria Cantu	UG	Education	How can educators facilitate oral language learning for ELLs?
82	Itzel Delgado	UG	Education	What are effective strategies for working with ELLs?
83	Maria Ezeta	UG	Education	How can schools and teachers address culture shock for immigrant students?
84	Julian Flores	UG	Education	The implications of stereotypes in math classes caused by the gender gap in STEM
85	Bertha Galvan	UG	Education	Multicultural Education: Multicultural Based Curriculum

## Poster Session #3 Presentation Room Layout

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**Poster Session #4****Thursday – April 2, 2015****12:30 – 2:00****Zaffirini Success Center 101**

No.	Presenter	Status	Discipline	Presentation Title
86	Ana Rodriguez Monica Vargas Roxana Lopez	UG	Physics	Assessment of Baboon Cortical Bone Microstructural Change and Comparison with Human Cortical Bone
87	David Vazquez	UG	Biology	PCR amplification of the Androgen alpha receptor in cichlid fishes with alternative mating strategie
88	Ariana Cervantes Natalee Arredondo	UG	Biology	The effect of relative abundance or relative size of vegetation on micro habitat use on the scorpion
89	Jose Alvarado Arlene Alvarado	UG	Chemistry	Bond dissociation energies and atmospheric interactions: A theoretical investigation of chlorofluoro
90	Crystal Botello Jessie Coe	GS	Nursing	Is there a greater risk for substance abuse in individuals that have untreated Attention-Deficit Hyperactivity Disorder?
91	Laura Arellano	UG	Education	How can equality and social justice improve the quality of multicultural education?
92	Janeth Carrizales	UG	Education	How is it that culture influences the learning of students?+13
93	Karla Castillo	UG	Education	Gender Equality: Gender Discrimination in the Classroom
94	Alejandro Flores	UG	Education	What are some strategies that teachers can use in order to teach literature in a neutral way?
95	Gustavo Garza	UG	Education	How does race impact students' physical health?
96	Oscar Hernandez	UG	Education	How can teachers use science to help English Language Learners develop their vocabulary?
97	Rita Lopez	UG	Education	How does race impact students' education?
98	Irma Martinez	UG	Education	What strategies can teachers use to help ELLs develop the English language?
99	Alejandro Mireles	UG	Education	What are some benefits of integrating music into the curriculum?
100	Jazmin Moreno	UG	Education	Major factors that contribute to the learning of a second language
101	Carmen Rodriguez	UG	Education	Multicultural Diversity
102	Miguel Rodriguez	UG	Education	How can educators better the improvement of students with disabilities and avoid inaccurate labeling?
103	Priscilla Rubio	UG	Education	Suicide Causes and Prevention Methods
104	Griselda Guerrero	GS	Education	Griselda Guerrero's Philosophy Paper: Bilingual Education

105	Lizeth Lopez	GS	Education	Lizeth Lopez's Philosophy Paper: Bilingual Education
106	Elida Ramirez	GS	Education	Elida Ramirez's Philosophy Paper: Bilingual Education
107	Rocio C. Ramirez	GS	Education	Rocio C. Ramirez's Philosophy Paper: Bilingual Education
108	Tanya K. Torres	GS	Education	Tanya K. Torres' Philosophy Paper: Bilingual Education
109	Cynthia Alvarez	GS	Education	Cynthia Alvarez's Research on Multiple Intelligences in Bilingual Classrooms
110	Noemi Arroyo Shantal Lara Ruby Lopez Lluvia Rodriguez	UG	Criminal Justice	People with Mental Illness in the CJS
111	Melissa Gonzalez Dania Flores Selfia Moreno	UG	Education	How Loud Is Too Loud?
112	Victor Ramos Juan Lira	UG	Nursing	Can Diphenhydramine be used in treating nocturnal enuresis in pediatric patients?

## Poster Session #4 Presentation Room Layout

86	87	88	89	90	91	92	93
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**Oral Session #1**  
**Wednesday – April 1, 2015**  
**1:00 – 2:30 P.M.**

**Student Center 120**

No.	Presenter	Status	Discipline	Presentation Title
113	Omar Ramirez	GS	Spanish	Un viaje histórico a través del habla Laredense: Appendix Ramiri
114	Alejandra Eligio	GS	Political Science	Immigration Laws being Unconstitutional
115	William Haynes	GS	English	Ritual in The Orchard Keeper""
116	Roy Gonzales	GS	English	Reinvention and Rebirth Amid the Wasteland: The American Dream in The Walking Dead
117	James Bryan Cornelius	GS	English	Wealth Class and Respectability in William Faulkner's Snopes Trilogy

**Student Center 225**

No.	Presenter	Status	Discipline	Presentation Title
118	Cynthia Zavala Francisco J Reyna Eunice Rodriguez	UG	Mathematics	Complex Series
119	Hongsong Feng	GS	Mathematics	Several finite difference schemes to solve Fitzhugh-Nagumo Equations
120	Jamil Villarreal	GS	Mathematics	The Beauty of Complex Numbers
121	Jasmin Escobar	UG	Chemistry	Emerging Organic Compounds Essential for Human Functioning
122	Daniela Carolina Ortiz	UG	Chemistry	The Effect of Various Phosphate Sources During Gene Expression and Mineralization

## Student Center 230

No.	Presenter	Status	Discipline	Presentation Title
123	Armando Montante David Maldonado Pedro Farias Ramiro Martinez	UG	Engineering	Falling Skies
124	Cesar Rivera	UG	Physics	Assessment of Baboon Cortical Bone by Low-Field NMR
125	Edgar Perez Graciela Perez Carlos Canales Carlos Pena	UG	Engineering	Wind as a Source of Energy
126	Osmar Carballo	UG	Engineering	Ulcerative Colitis Classifier using Nearest Neighbor Method
127	Patricio Rodriguez	UG	Engineering	Selection Process of Industrial Robots
128	Roger Hernandez	UG	Engineering	Factory Modeling and Simulation

## Student Center 231

No.	Presenter	Status	Discipline	Presentation Title
129	Hannah Gabelman	UG	Criminal Justice	Deviant Behavior Among Hispanics
130	Carlos Alvarez Michelle Medina	GS	Criminal Justice	Criminal Justice Graduate Experience in an Online Setting
131	Stephanie Garcia	UG	Criminal Justice	An Empirical Evaluation of Commonsense Beliefs Regarding the Reliability of Eyewitness Testimony

## Western Hemispheric Trade Center 224

No.	Presenter	Status	Discipline	Presentation Title
132	Diana Gamboa	GS	Communications	Coverage of binational topics in Nogales International and El Gran Diario de Sonora
133	Jesus Gonzalez	GS	Communications	Coverage of binational topics in The Monitor of McAllen and El Mañana de Reynosa
134	Pablo Reyes-Sarinana	GS	Communications	Coverage of binational topics in The Laredo Morning Times and El Mañana de Nuevo Laredo
135	Roberto Tellez	GS	Communications	Coverage of binational topics in El PasoTimes and Diario de Juarez
136	Homero Tijerina	GS	Communications	Coverage of binational topics in The San Diego Union tribune and El Mexicano de Tijuana
137	Monica Castellanos	GS	Communications	Coverage of binational topics in The Brownsville Herald and El Bravo de Matamoros

**Oral Session #2**  
**Wednesday – April 1, 2015**  
**2:30 – 4:00 P.M.**

**Student Center 120**

No.	Presenter	Status	Discipline	Presentation Title
138	Brian Martinez Joshua Lee Martinez Lauren Tucker	GS	Education	St-st-st-Stuttering!
139	Wendy Bear	GS	Education	A Look into Drop-out Rates of English Language Learners
140	Veronica Ollervides	GS	Education	Does Encarceration Affect English Language Learner Success
141	Christopher Castillo	GS	History	The American Perspective: The Notion of Spanish Decadence in the Nineteenth Century
142	Paul Hernandez	GS	Education	Accommodating to the cultural differences and educational differences between ELL's

**Student Center 225**

No.	Presenter	Status	Discipline	Presentation Title
143	Lydia Johnson	UG	Communications	Experimental
144	Kazandra Aleman	UG	Marketing	Influence of Promotions on Sales in a Hispanic Community
145	Robbi Marlett	GS	Marketing	Mobile Marketing - Targeting the right consumer
146	Wei Ning	GS	Management	How Perceived China's Market Oriented Economic Reform by Chinese Employees May Affect their Turnover Intention: The Role of Quality of Human Resource Practices
147	Jianfei Lu	GS	Marketing	Is team-based reward always worked out in new product innovation? Different evidence found in China

## Student Center 230

No.	Presenter	Status	Discipline	Presentation Title
148	Yoana Flores	UG	Political Science	The effect of the mega states
149	Josue Sanchez	UG	Political Science	An Analysis of the Fiscal Conditions of US State and Local Governments
150	Guillermo Frausto	UG	Political Science	An Analysis of the Fiscal Conditions of US State and Local Government
151	Maximiliano Zapata Edward Garza	UG	Political Science	An Analysis of the Top 10 Cities of the U.S.
152	Eduardo Garza	UG	Political Science	Fiscal Situation of the Federal and Local Governments
153	Valeria Ortiz	UG	Political Science	An Analysis of the Fiscal Conditions of US State and Local Governments

**Oral Session #3**  
**Wednesday – April 1, 2015**  
**4:00 – 5:30 P.M.**

**Student Center 120**

No.	Presenter	Status	Discipline	Presentation Title
154	Omar Ramirez	GS	Spanish	Jorge Luis Borges: El conflicto del lenguaje y la realidad
155	Jennipher Ambrose	UG	English	Mirror Image: Reflections on the Nature of Racial Subjugation in Poe's Pym
156	Yasmin Shariff	UG	Humanities	The Necessity of Narratives
157	Karina Rios	UG	English	Historical Influences on Nathaniel Hawthorne's Writings

**Student Center 236**

No.	Presenter	Status	Discipline	Presentation Title
158	Aldo Vazquez	GS	Biology	Designing Genetic Markers for a Local Endemic Species of Freshwater Mussels
159	Ashley Garcia	GS	Biology	Triclosan Utilization by Onion Rhizobacteria
160	Yuridia Rodriguez	UG	Chemistry	Use of Organic Compounds to Generate Renewable Energy
161	Tomas Chapa	UG	Nursing	Factors Influencing Hypertension Self-Management among Mexican-Americans



## Oral Session #4

Wednesday – April 1, 2015

5:30 P.M. – 7:00 P.M.

### Fine and Performing Arts – Recital Hall 107

No.	Presenter	Status	Discipline	Presentation Title
162	Tessa Martinez	UG	Fine Arts	Familiar Patterns
163	Emmanuel Lopez Michelle Munoz	UG	Fine Arts	Transcendent Soul
164	Ana Luisa Ortiz	UG	Fine Arts	Development
165	Kira Elizondo	UG	Fine Arts	Research in Contemporary Jazz Dance
166	Daniel Maldonado	UG	Fine Arts	The (Musical) Writing Process
167	Alejandro Mireles	UG	Fine Arts	Interpretation of Mozart Clarinet Concerto K. 622
168	Benito Rangel	UG	Fine Arts	Interpretation of Mozart Flute Concerto in G Major K. 313

### Western Hemispheric Trade Center 111

No.	Presenter	Status	Discipline	Presentation Title
169	Rebecka English	GS	Psychology	Exploring the Effects of Cultural Frame Switching on English-Spanish Bilinguals' Personality
170	Maria Ramos	GS	Psychology	A Close Look On Marital Conflict
171	Wualu Altamira Kristine R. Gonzalez Jennifer L. Navarro	GS	Psychology	Bilingual Emotional Processing
172	Andrea Almaguer	GS	Psychology	Jovenes Fuertes

## Student Center 120

No.	Presenter	Status	Discipline	Presentation Title
173	J. Victor Flores	GS	Education	The Underreporting of English Language Learners in Laredo High Schools
174	Karina Gonzalez	GS	Education	Increasing STAAR scores effect on Hispanic Students in South Texas
175	Lillian Gonzalez	GS	Education	ESL-Research
177	Jose Gamez	GS	Education	A holistic approach to Individualizing Instruction for Struggling Readers
178	Selina Rodriguez	GS	Education	The Dynamics of School Administration

## Student Center 236

No.	Presenter	Status	Discipline	Presentation Title
179	Laura Gonzalez	UG	English	God is (Not) Dead
180	Michelle Rubio	GS	English	Antigone VS. Walter White: A Look at the Tragic Hero archetype through written and visual texts
181	David Santos	GS	English	Reading Sigmund Freud in Christopher Nolan's Dark Knight Trilogy

**Oral Session #5**  
**Thursday – April 2, 2015**  
**9:00 A.M. – 10:30 A.M.**

**Student Center 120**

No.	Presenter	Status	Discipline	Presentation Title
182	Evelyn Aguilar	UG	Biology	The Laws of Attraction: The Perception of Beauty
183	Alezandra Aleman	UG	Biology	Nutrition and Exercising for a Healthier Lifestyle
184	Carina Carranza	UG	Biology	The Effects of Smoking on the Cardiovascular System
185	Karen Espinoza Yamile Leal	UG	Biology	Energy Drinks and the Effects on Young Adults
186	Oscar Garcia	UG	Biology	Improved Learning Through Possible Methods in Science
187	Katy Garcia	UG	Biology	Children and Medication: A good Mix?
188	Samantha Vicharelli	UG	Biology	Autism

**Student Center 225**

No.	Presenter	Status	Discipline	Presentation Title
189	Jorge Hernandez	UG	Criminal Justice	Bizarre Laws
190	Lauren Neilson	UG	Theology	The Price Paid
191	Valerie Rodriguez Rochell Rizo	UG	Criminal Justice	Immigration
192	Samantha Serna	UG	Criminal Justice	Prostitution: Can it be for sale?
193	Ashley Solano Jasmine Idrogo	UG	Criminal Justice	Capital Punishment

## Student Center 230

No.	Presenter	Status	Discipline	Presentation Title
194	Avina Alexis Araceli Gonzalez	UG	Fine Arts	Behind the Mouse
195	Airam Bernal	UG	History	The Mexican Revolution
196	James Gutierrez	UG	Fine Arts	Why Do We Need Comic Book Heroes?
197	Luisa Villarreal	UG	Literature	Montresor's Murder Motive
198	Daniel Barrientos	UG	Education	The importance of Community College Completion
199	Maria Padron	UG	Education	A Tough Road: Non-Traditional College Students

## Student Center 231

No.	Presenter	Status	Discipline	Presentation Title
200	Ramiro Castillo Juan Vega	UG	Computer Science	From Noggin to Login: Video Game Development
201	Jorge Chavarria	UG	Agriculture	Treating Plant Health Resource Concerns in South Texas
202	Aldo Martinez Luis Martinez	UG	Kinesiology	Financial Aspect of Professional Athletes
203	John Luke Reimund	UG	Astronomy	Planetary Exploration

## Student Center 236

No.	Presenter	Status	Discipline	Presentation Title
204	Jorge Grace	UG	Communications	Organizational Behavior and Its Benefits
205	Brittany Longoria Eileen Mata	UG	Psychology	Anxiety Disorders
206	Vanessa Ramos	UG	Psychology	Bipolar Disorders
207	Amanda Rubio	UG	Psychology	Envision This!
208	Ruben Perez Ruben Villarreal	UG	Education	Muscles: How Myostatin Deficiency Affects the Body

## Western Hemispheric Trade Center 126

No.	Presenter	Status	Discipline	Presentation Title
209	Omar Ramirez	GS	Humanities	Don Quijote: ¿Crisis de identidad? o ¿Psicosis?
210	Jaime Cano	GS	Spanish	Masculinidad en el fútbol
211	Mayra Vazquez	UG	Nursing	Perceptions and their Impact on Diabetes Mellitus Type 2 Self-Management Attitudes of the Hispanic
212	Cynthia Castillo	GS	Biology	Microsatellite Markers and Primer Design for Siren intermedia texana

## Oral Session #6

Thursday – April 2, 2015

10:30 A.M. – 12:00 A.M.

### Student Center 120

No.	Presenter	Status	Discipline	Presentation Title
213	David Cadena Antonio Carranza Elva Mendez Vanessa Filazzola	UG	Mathematics	Introduction to Conformal Mapping
214	Kimberly Garcia Elcie Aguilera	UG	Mathematics	Applications of the Residue Theorem
215	Patricio Rodriguez Karla Gonzalez	UG	Engineering	A Systems Engineering Perspective on The Challenger
216	Agustin Velasquez Esteban Otero	UG	Engineering	Utilizing Infrared Lasers to Improve Communications in Space Systems
217	Miguel E. Zuniga	UG	Chemistry	Chemical Composition of Common Pharmaceutical Drugs

### Student Center 225

No.	Presenter	Status	Discipline	Presentation Title
218	Monica Chavez	GS	Spanish	Muerte soledad y sexualidad en El hombre del tunel" de Armonia Somers"
219	Bolortuya Enkhtaivan Zagdbazar Davaadorj	GS	Management	An integrated-dynamic mode of entry model: An extended approach
220	Glenda Rangel	GS	Psychology	Fifty Shades of Infidelity
221	Diana Vaquera Jonathan Briseño Tania Juanyseva Itzamara de la Cruz Aileen Terrazas	GS	Psychology	Texas-Mexico Border Violence: Impact on University Students
222	Jonathan Speer	UG	Psychology	Predictors of Life Satisfaction

## Student Center 230

No.	Presenter	Status	Discipline	Presentation Title
223	Edwin Barrera	UG	Physics	Mars? Gravity field and its relation with its topography.
224	Ana Cruz	UG	Engineering	Linux-Based Operating Systems: Ubuntu Chrome OS and Tizen
225	David Maldonado Armando Montante Pedro Farias Ramiro Martinez	UG	Mathematics	Tabular Method for Integration by Parts
226	Valeria Arce	UG	Mathematics	Finite Difference Method
227	Nicholas Jimenez Abiel Arechiga Elaine Garcia Jonathan Saenz	GS	Engineering	Why Systems Engineering?
228	Jesus Vazquez Brandon Charlton	UG	Engineering	Optimizing Energy Consumption for Elevators

**Oral Session #7**  
**Thursday – April 2, 2015**  
**12:00 P.M. – 2:00 P.M.**

**Student Center 236**

No.	Presenter	Status	Discipline	Presentation Title
229	Jacinto De La Cruz Aime Ramirez	UG	Mathematics	Point Estimation of a Population Proportion
230	Paula A. Arias Maria L. Martinez	UG	Mathematics	Large Sample Hypothesis Testing
231	Oscar M. Benavides Desiree N. Molina	UG	Mathematics	Straight Line Regression, Method of Least Squares, Least Squares Estimators
232	David D. Cadena Erika Montemayor	UG	Mathematics	The Null Hypothesis and Confidence Intervals
233	Alejandro Castro Luisa F. Moreno	UG	Mathematics	Prediction of a Single Response
234	Jennifer Pacheco Edwin De Hoyos	UG	Mathematics	Regression Analysis Methods
235	Dario Delgado Felicitas H. Riojas	UG	Mathematics	General Linear & Multiple Linear Regression
236	Karen A. Espinoza Zuhey A. Rocha	UG	Mathematics	Residual Plots for Adequacy
237	Mariahelena Hernandez Nicolas Zapata	UG	Mathematics	Polynomial Regression
238	Gameliel Fernandez Brianda Salinas	UG	Mathematics	Pearson's Chi-Squared Test of Goodness Fit & Simpson's Paradox
239	Maria I. Filazzola Oliver Sanchez	UG	Mathematics	Contingency Table with Neither Marginal Fixed (Test of Independence)
240	Adriana Tolentino Carlos G. Galindo Julian A. Flores	UG	Mathematics	Analysis of Variance Methods & The F Distribution
241	Anaissa Gonzalez Cynthia A. Vasquez	UG	Mathematics	Randomized Block Design & Decomposition of Observations
242	Ernesto I. Gutierrez Nancy Ventura	UG	Mathematics	Wilcoxon Rank-Sum Test
243	Edna E. Hawkins Zachariah R. Stratton	UG	Mathematics	Large Sample Approximation to Signed-Rank Statics
244	Julian A. Flores Liliana G. Hernandez	UG	Mathematics	Applications of Geometry to Engineering



## Student Center 120

No.	Presenter	Status	Discipline	Presentation Title
245	Daniel Alfaro Tomas Duarte	UG	Engineering	DustyTron Hardware Augers System
246	Andres Aranguren Alejandro Torres	UG	Engineering	DustyTRON Wheel System
247	Javier Delgado Homero De La Cruz	UG	Engineering	Dustytron Hardware Team Two
248	Jesus Vazquez Gustavo Perez	UG	Engineering	Dustytron Hardware Team One
249	Dagoberto Melero Gabriel Flores Jose Guajardo	UG	Engineering	Dustytron Software Research & Components
250	Brandon Charlton Edgar Garza	UG	Engineering	Dustytron Software Implications