



**2017**  
**Southwest Texas**  
**Asian Symposium**

**November 8<sup>th</sup>, 2017**  
**The University of Texas Rio Grande Valley**

Hosted by  
**UTRGV Asian Studies Minor**

in partnership with  
**Texas Coastal Band of Korean Scientists and Engineers Association**  
&  
**Association of Chinese Political Studies**

## **List of Sponsors:**

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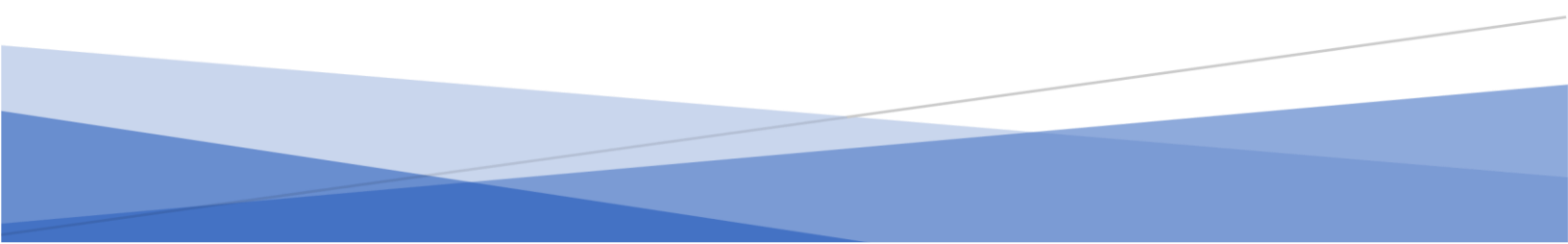
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***Texas Korean Women's Network***





Greetings,

We cordially invite you to the 1<sup>st</sup> Southwestern Texas Asian Symposium in Social Studies, Science and Engineering at the University of Texas Rio Grande Valley on November 8<sup>th</sup> 2017. This symposium is hosted by the Asian Studies Minor program at UTRGV in partnership with the Texas Coastal Band of Korean Scientists and Engineering Association and Association of Chinese Political Studies.

The 2017 Southwestern Texas Asian Symposium is to bring scholars, researchers, practitioners, and students together to discuss issues related to teaching and researching in the Asian contexts. Specifically, it aims to provide a forum that allows participants across disciplines to explore critical issues about Asia and fosters a community of professionals specialized in Asia-related research and Asian scholars. Promoting and serving for diversity and globalization in higher education, the Southwestern Texas Asian Symposium will be an avenue for academic and professional discourse amongst faculty, students, and practitioners in various fields and specialties.

Here are some exciting highlights of the SWTAS this year:

- Symposium Theme: Asia in the globalized world
- Keynote Speech “Designing Intuitive Interactions for Human-Robot Teams” by Dr. Chien-Ming Huang (Johns Hopkins University)
- Special Roundtable Session on US-China Relations sponsored by the Association of Chinese Political Studies (ACPS)
- 28 peer-reviewed paper presentations in six concurrent sessions (Please refer to the program schedules for details)
  - Session 1: Linguistic and cultural contacts with Asia
  - Session 2: Science, Technology, Engineering, & Mathematics by Asian scholars
  - Session 3: Political & Economic Development in the Asia-Pacific Region
  - Session 4: Science, Technology, Engineering, and Mathematics by Asian scholars
  - Session 5: Social Identity, Norms, and Psychological Trends among Asians
  - Session 6: Issues in Global Education
- Online registration available. To register for the Southwest Texas Asian Symposium, please fill out the online [SWTAS Registration](#) form.

We hope you all join us in celebrating and promoting diversity and excellence in research and scholarly achievements at the 1<sup>st</sup> Southwest Texas Asian Symposium. For more information, please visit the website of Asian Studies Minor at [www.utrgv.edu/asian-studies](http://www.utrgv.edu/asian-studies). Look forward to meeting you in Edinburg, TX soon!

Sincerely,

Dr. Minhee Eom, Chair, Southwest Texas Asian Symposium  
Dr. Xi Chen, Chair, SWTAS Program Committee  
Dr. Dugan Um, Co-Chair, SWTAS Program Committee  
Dr. Yanrong (Yvonne) Chang, Chair SWTAS General Affairs Committee

**2017 Southwest Texas Asian Symposium**  
**November 8, 2017**  
**University Ballroom Complex (EDBCX)**  
**The University of Texas Rio Grande Valley**

**Program Schedules**

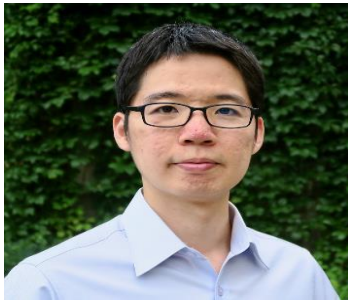
Time	Location: University Ballroom
8:00-9:00	Registration
9:00-9:25	Opening Dr. Walter Diaz, Dean of College of Liberal Arts
9:25-10:40	Keynote Speech: <i>Designing Intuitive Interactions for Human-Robot Teams</i> Dr. Chien-Ming Huang, Johns Hopkins University.
10:50-12:05	(Concurrent Sessions in other rooms)
12:15-13:30	Roundtable Session on US-China relations
13:40-14:55	Student Poster Session 1 (Concurrent Sessions in other rooms)
15:05-16:20	Student Poster Session 2 (Concurrent Sessions in other rooms)
16:20-17:00	Closing & Award Ceremony (KSEA research Grants, ACPS Membership Awards, and Best Student Poster Awards)

The 2<sup>nd</sup> Southwest Texas Asian Symposium will be held at Texas A&M University-Corpus Christi in 2018.

**Keynote Speech:**

***Designing Intuitive Interactions for Human-Robot Teams***

Dr. Chien-Ming Huang, Johns Hopkins University



Robots hold promise in assisting people in a variety of domains including healthcare services, household chores, collaborative manufacturing, and educational learning. In supporting these activities, robots need to engage with humans in cooperative interactions in which they work together toward a common goal in a socially intuitive manner. Such interactions require robots to coordinate actions, predict task intent, direct attention, and convey relevant information to human partners. In this talk, I will present how techniques in human-computer interaction, artificial intelligence, and robotics can be applied in a principled manner to create and study intuitive interactions between humans and robots. I will demonstrate social, cognitive, and task benefits of effective human-robot teams in various application contexts. I will discuss broader impacts of my research, as well as future directions of my research focusing on intuitive computing.

**Chien-Ming Huang** is an Assistant Professor of Computer Science in the Whiting School of Engineering at The Johns Hopkins University. His research seeks to enable intuitive interactions between humans and machines to augment human capabilities. Dr. Huang received his Ph.D. in Computer Science at the University of Wisconsin–Madison in 2015, his M.S. in Computer Science at the Georgia Institute of Technology in 2010, and his B.S. in Computer Science at National Chiao Tung University in Taiwan in 2006. His research has been awarded a Best Paper Runner-Up at Robotics: Science and Systems (RSS) 2013 and has received media coverage from MIT Technology Review, Tech Insider, and Science Nation.

## Concurrent Sessions

Time	Location: Bronc Room	Location: Cenizo Room
10:50 - 12:05	<p style="text-align: center;"><b>Session 1:</b>  <b>Linguistic and cultural contacts with Asia</b>            Chair: Dr. Tamer Balci</p> <p style="text-align: center;">Contexts as Modes of Thinking: Implications in Cross-Cultural Communications            Dr. Wei, Yong-Kang            The University of Texas Rio Grande Valley</p> <p style="text-align: center;">Chinese Obituaries as Culturally Situated Communication Practice            Dr. Yanrong (Yvonne) Chang            The University of Texas Rio Grande Valley</p> <p style="text-align: center;">On Target and off target variation in the L2 Spanish of Chinese-origin speakers: Acquisition of liquids in a situation of contact            Dr. Esteban Hernandez            The University of Texas Rio Grande Valley</p> <p style="text-align: center;">Anti-Japanese Violence in the Lower Rio Grande Valley, 1921            Dr. Brent M. S. Campney            The University of Texas Rio Grande Valley</p>	<p style="text-align: center;"><b>Session 2:</b>  <b>Science, Technology, Engineering, &amp; Mathematics by Asian Scholars</b></p> <p style="text-align: center;">Numerical Simulation on Structural Micro-Scale Riblet Surfaces of Internal Pipelines to Enhance Fluid Transportation            Oluwasegun Richard Ajayi &amp; Dr. Sangsoo Lee            Texas A&amp;M University-Kingsville</p> <p style="text-align: center;">Rapid and Tunalbe Opto-Electrokinetic Microvortex Flows            Dr. Choongbae Park            Texas A&amp;M University-Kingsville</p> <p style="text-align: center;">A Control of Localized Surface Phonon Polariton Resonances on Silicon Carbide Nanostructures            Dr. Myoung-Hwan Kim            The University of Texas Rio Grande Valley</p> <p style="text-align: center;">Lead in Drinking Water at UTRGV Edinburg campus            Aaron Hernandez, Alejandro Pena Silva, Gerardo Flores,            &amp; Dr. Jongmin Kim            The University of Texas Rio Grande Valley</p> <p style="text-align: center;">Fabrication of a High-density PDMS Micro-Electrocorticography Electrode Array            Joshua Acosta, Mukhesh K. Koripalli, &amp; Dr. Yoonsu Choi            The University of Texas Rio Grande Valley</p>

## Special Roundtable Session

Time	Location: Bronc Room
12:15-13:30	<p data-bbox="695 451 1640 483" style="text-align: center;"><b>Roundtable Session: <i>US-China Relations: Existing and Emerging Challenges</i></b></p> <p data-bbox="867 521 1467 574" style="text-align: center;">Chaired by Dr. Xi Chen on behalf of the Association of Chinese Political Studies</p> <p data-bbox="1058 612 1276 638" style="text-align: center;">Invited Participants:</p> <p data-bbox="932 672 1402 725" style="text-align: center;">Dr. Christopher L. Miller Professor, Department of History (UTRGV)</p> <p data-bbox="877 763 1457 816" style="text-align: center;">Dr. Robert Hoppens Associate Professor, Department of History (UTRGV)</p> <p data-bbox="833 854 1503 907" style="text-align: center;">Dr. Yanrong Chang Associate Professor, Department of Communication (UTRGV)</p> <p data-bbox="877 945 1457 998" style="text-align: center;">Dr. Tamer Balci Associate Professor, Department of History (UTRGV)</p> <p data-bbox="833 1036 1503 1089" style="text-align: center;">Dr. Aje-Ori Agbese Associate Professor, Department of Communication (UTRGV)</p> <p data-bbox="533 1162 1801 1188" style="text-align: center;">Please register at <a href="#">SWTAS Registration</a> or contact Dr. Xi Chen at <a href="mailto:xi.chen@utrgv.edu">xi.chen@utrgv.edu</a> to attend the roundtable session.</p>

**Concurrent Sessions**

Time	Location: Bronc Room	Location: Cenizo Room
13:40-14:55	<p style="text-align: center;"><b>Session 3:</b>  <b>Political &amp; Economic Development in the Asia-Pacific Region</b>            Chair: Dr. Robert Hoppens            Discussant: Dr. Xi Chen</p> <p style="text-align: center;">Parties with/without Brand Names: South Korea vs. Taiwan            Dr. Mi-son Kim            The University of Texas Rio Grande Valley</p> <p style="text-align: center;">US-East Asia Relations under the Trump Administration            Dr. Robert Hoppens            The University of Texas Rio Grande Valley</p> <p style="text-align: center;">China’s Image Building Efforts under Xi Jinping Administration            Dr. Xi Chen            The University of Texas Rio Grande Valley</p> <p style="text-align: center;">Examining the Seasonal Changes of Smog in Beijing            Huimin Li &amp; Dr. Xiaohui Wang            The University of Texas Rio Grande Valley</p>	<p style="text-align: center;"><b>Session 4:</b>  <b>Science, Technology, Engineering, and Mathematics by Asian Scholars</b></p> <p style="text-align: center;">Unmanned Aerial System for Agriculture Research Applications            Jinha Jung            Texas A&amp;M University – Corpus Christi</p> <p style="text-align: center;">Pyrogenic Carbon Materials as a Filter Media for Aqueous Heavy Metals and Nutrients            Dr. Jihoon Kang &amp; Sergio Mireles            The University of Texas Rio Grande Valley</p> <p style="text-align: center;">Targeted Disruption of TC-PTP in the Proliferative Compartment Augments STAT3 and AKT signaling and skin tumor development            Minwoo Baek, Mihwa Kim, Jaesung Lim, &amp; Dr. Dae Joon Kim            The University of Texas Rio Grande Valley</p> <p style="text-align: center;">Thermal Consolidation of Dredge Sand for Artificial Reef Formations            Alexandro Trevino &amp; Karen Martirosyan            The University of Texas Rio Grande Valley</p> <p style="text-align: center;">Unmanned Aerial System (UAS) Based Phenotyping for Grain Sorghum            Dr. Anjin Chang            Texas A&amp;M University-Corpus Christi</p>



## Concurrent Sessions

Time	Location: Bronc Room	Location: Cenizo Room
15:05-16:20	<p style="text-align: center;"><b>Session 5:</b>  <b>Social Identity, Norms, and Psychological Trends among Asians</b>            Chair: Dr. Yih-Jiun Shen            Discussant: Dr. Soyoung Kwon</p> <p style="text-align: center;">Mental-Health Status and Service Utilization among Asians            Dr. Susheelabai Srinivasa &amp; Dr. Sudershan Pasupuleti            The University of Texas Rio Grande Valley</p> <p style="text-align: center;">Improving but Unequal: Temporal Trends in Chinese Self-rated Health, 1990-2012            Dr. Soyoung Kwon            Texas A &amp; M University-Kingsville</p> <p style="text-align: center;">Chinese Immigrants and Socio-Economic Local Sustainability            Dr. Dawid Wladyka            The University of Texas Rio Grande Valley            Dr. Ricard Moren-Alegret            Autonomous University of Barcelona, Spain</p> <p style="text-align: center;">Factors Relevant to School Counselors' Comfort and Challenge Levels in Counseling with Asian Americans.            Dr. Yih-Jiun Shen            The University of Texas Rio Grande Valley</p> <p style="text-align: center;">Are Men always Rational in Decision Making? Not in Vietnam            Ngoc Cindy Pham, The University of Texas Rio Grande Valley            Dr. Yuanqing Li, Dominican University            Dr. Sibin Wu, The University of Texas Rio Grande Valley</p>	<p style="text-align: center;"><b>Session 6:</b>  <b>Issues in Global Education</b>            Chair: Dr. Yanrong (Yvonne) Chang</p> <p style="text-align: center;">Imagine and Action! Innovative Chinese Character Learning Approaches            Dr. Ming-Tsan Pierre Lu            The University of Texas Rio Grande Valley</p> <p style="text-align: center;">Ideographical Network Structure in Chinese: A Proposed Way to Teach Chinese Vocabulary            Xin Zhang            The University of Texas Rio Grande Valley</p> <p style="text-align: center;">Textual Analysis Study: Examining Constructivist Approaches in Japan            Dr. Hitomi Kambara            The University of Texas Rio Grande Valley</p> <p style="text-align: center;">Learning from the Pine and the Bamboo: Bashō as a Resource in Teaching Japanese Philosophy            Dr. Stephen Leach            The University of Texas Rio Grande Valley</p> <p style="text-align: center;">Teaching the concept of global engagement at International Branch Campus in Asia            Dr. Wan-Lin Chang            The University of Texas Rio Grande Valley</p>