

Chinese American Educational Research and Development Association http://www.caerda.org

25th Annual International Conference

Moving Forward: Continuing towards Quality Educational Research and Practice

April 26-27, 2017

San Antonio, TX, USA



Meet Our Keynote Speaker



Topic: No Longer on the Outside Looking in: Developing Culturally Responsive Teachers for Urban Schools

Dr. Robert Lee, Executive Director, Statewide Urban Programs and Partnerships, Illinois State University

Dr. Robert Lee serves as Illinois State University's Executive Director of Statewide Urban Programs and Partnerships and is the Founding Director of its Chicago Teacher Education Pipeline, an urban teacher education program that is grounded in social justice and works to cultivate and sustain innovative, resilient, and effective educators for urban schools and their communities. During his tenure at ISU, Dr. Lee has leveraged over \$25 million of federal, state, city and foundation funding to initiate, develop, and sustain partnership programs between the university's five teacher producing colleges, school districts across the state (Chicago, Decatur, and Peoria), various non-profit and community-based organizations, and corporations who together are collectively working toward developing culturally responsive teachers for urban schools and their communities. This collaborative model of urban teacher recruitment and preparation has raised teacher quality to improve school progress and student achievement; transformed public schools into communitydriven learning centers; and has been lauded as an "exemplary cultural immersion teacher education model" by the U.S. Department of Education. Prior to joining ISU in 2004, Dr. Lee consulted on projects with the Office of Language and Cultural Education at Chicago Public Schools Central Office, and in partnership with DePaul's Center for Urban Education he directed the Global Educators Outreach (GEO) Program to recruit and prepare foreign nationals from over 25 countries to teach in Chicago's highest need schools.

Meet CAERDA Former Presidents: The Past, Present, and Future of CAERDA

Organizer: Yann-Yann Shieh (U.S. Department of Education)

Abstract: During the past two decades, with the support and encouragement from our current and past CAERDA presidents, members and friends, our organization has become a global scholarly community. This panel discussion provides an opportunity for attendees to interact with our former presidents and learn from their professional experiences.



Dr. Shwu-yong L. Huang Professor at National Taiwan University (retired) Served: 1997-1998



Dr. Barry Bai Assistant Professor at Chinese University of Hong Kong Served: 2012-2013



Dr. Aubrey H. Wang Associated Professor at St. Joseph's University Served: 2005-2006



Dr. Chuang Wang Professor at University of North Carolina at Charlotte Served: 2008-2010



Dr. Lusa Lo Associated Professor at University of Massachusetts Served: 2014-2015



Dr. Yaoying Xu Professor at Virginia Commonwealth University Served: 2015-2016

See Presidents' bio at http://www.caerda.org/2017_caerda_international_conf.php

Early Career Development: Go to Industries?

Organizer: Huijuan Meng (Research Director at GMAC)

Abstract: A group of well-known practitioners who have management roles at prestigious testing companies and professional licensure boards will share their experience with staff hiring, new employee training, career development, and working philosophies. This panel discussion is aimed to help graduate students and young scholars who want to work in the testing industry better understand the employers' expectations and possible career development paths in companies and boards.

Presenters:



Dr. Fanmin Guo is the Vice President of Psychometric Research at the Graduate Management Admission Council, the owner of the computerized adaptive GMAT Exam. He earned his M.A. (1994) and Ph.D. (1997) in Research Methodology, majoring in educational measurement, from University of Pittsburgh. He was a lead measurement statistician and the Statistical Analysis Group Leader for both GMAT and GRE Exams at Educational Testing Service (ETS) where he worked for eight years (1997-2005). His research interests cover practical measurement issues in applications of item response theory and operations of computer adaptive testing.

Before coming to the United States, he was an associate professor of English linguistics and Vice-Dean, Faculty of Basic Studies, China University of Geosiences, Wuhan, China.



Dr. Lixiong Gu is a Psychometric Manager at Educational Testing Service. His team of psychometricans provides support to the TOEFL family of testing programs. Before joining the TOEFL team, he was a lead Psychometrician and Psychometric Manager for a number of K-12 state testing programs. His research interests are in the practical issues of test equating and computerized adaptive testing. Dr. Gu earned his Ph. D. in Measurement and Quantitative Methods from Michigan State University.



Dr. Ye Tong is the Vice President of Psychometric Services at Pearson, overseeing psychometric work in K-12 assessment. Dr. Tong was recently elected to serve as an NCME Board of Director; her term will start with the NCME conference this year. Her professional experience has largely been in the role of a measurement practitioner, supporting state assessment programs in the United States. She has also conducted extensive research in equating, scaling, vertical scaling, the use of technology in assessment, standard setting, and automated test assembly. At the 2017 NCME conference, she is co-chairing two training sessions: *Vertical Scaling Methodologies, Applications and Research and Moving from Paper to Online Assessment: Psychometric, Content, and Classroom Considerations*.



Dr. Ada Woo is the Director of Measurement and Testing at the National Council of State Boards of Nursing (NCSBN). NCSBN develops four nursing and allied health testing programs, including its flagship NCLEX examinations. Dr. Woo is responsible for the psychometrics and development of NCSBN's examinations, as well as the research efforts associated with these programs. She has over a decade of experience in the licensure and certification industry. In 2016, Dr. Woo served as chairperson of the Association of Test Publishers (ATP) Certification and Licensure Division. She was recently appointed by the ATP Board of Directors as the 2018 ATP Innovations in Testing Conference program vice-chair. Prior to joining NCSBN, Dr. Woo was a part of the psychometric team at the Federation of State Boards of Physical Therapy. She holds a doctorate in Quantitative Psychology from the University of Texas at Arlington.

Special Thanks to:

Beijing Normal University-Hong Kong Baptist University United International College for sponsoring the conference program, bags, and flash drives

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Special Thanks to Conference Assistant Jiayun Zhang, Assistant Consultant, LANCA Consulting

Multiple Intelligences vs. IQ: New Evidence from Neuroscience and Educational Policy

Organizer: Yi-Lung Kuo, BNU-HKBU United International College

Abstract: The idea of multiple intelligences (Gardner, 1983) has been strongly debated since its inception. This session will provide new evidence regarding the essential validity of MI theory from a comprehensive review of over 500 neuroscientific studies and educational policy gleaned from the worldwide implementation of MI in a wide variety of contexts.



Branton Shearer is a developmental psychologist who earned his master's degree at Harvard University and his Ph.D. in Neuropsychological Rehabilitation at the Union Institute. He received a U.S. Dept. of Education Innovation Grant to study the use of the multiple intelligences to enhance cognitive functioning following brain trauma. His recent work focuses on a comprehensive neuroscientific review of the neural evidence for the eight multiple intelligences. He is also the creator of *The Multiple Intelligences Developmental Assessment Scales* (MIDAS) which is valid assessment that is used worldwide in a wide variety of educational and counseling contexts to enhance personal development and achievement. MIDAS has been translated and validated into Chinese, Korean, Dutch, Spanish, Persian, and other languages.



Mindy L Kornhaber is an associate professor in the Department of Education Policy Studies at The Pennsylvania State University. Her research looks at issues of education policy and human development, with foci in issues of testing policy, education reform, and educational equity. She holds an Ed.M. focused on human development from the Harvard Graduate School of Education and an Ed.D. from the same institution focused on research in education policy. She has been a Principal Investigator at Harvard Project Zero, where she studied schools implementation of MI and school assessment practices and a Research Director at the Civil Rights Project at Harvard Law School, where she focused on testing policy and educational equity. Prior to attending graduate school, she helped organize programs in international law at the Center for Chinese Legal Studies at Columbia University Law School.

Preparing Culturally Responsive Teachers: The Impact of Urban Redesign

Organizer: Miranda Lin, Illinois State University

Abstract: This panel will address Illinois State University's effort to prepare preservice teachers to become culturally responsive teachers with the support from the ISU's Urban Center. Challenges and strategies for this effort and the impact of urban course redesign on faculty, preservice teachers, the communities in Chicago, Peoria, and Decatur will be discussed.



Dr. Robert Lee serves as Illinois State University's Executive Director of Statewide Urban Programs and Partnerships and is the Founding Director of its Chicago Teacher Education Pipeline, an urban teacher education program that is grounded in social justice and works to cultivate and sustain innovative, resilient, and effective educators for urban schools and their communities.



Dr. Sara Jozwik is an Assistant Professor in the Department of Special Education at Illinois State University. She has 16 years of experience teaching in the field of bilingual/English as a second language special education. Currently, she teaches literacy and assessment courses that are included in the Innovative Network of Future Urban Special Educators (INFUSE) course sequence at Illinois State University. Her research focuses on investigating interventions to support literacy and bi-literacy development for English learners with disabilities.



Dr. Miranda Lin is an associate professor of Early Childhood Education at Illinois State University. Her research interests include: anti-bias curriculum, home-school partnerships, service-learning, urban education, and international education. She has taught children big and small in various countries prior to becoming a teacher educator.

Conference Planning Committee

Alan Bates, Conference Co-Chair, Illinois State University Miranda Lin, Conference Co-Chair, Illinois State University Yann-Yann Shieh, Conference Co-Chair, U.S. Department of Education

Award Committee Chairs

Show-Mei Lin (Student Paper and Student Travel Awards), Tennessee State University

Chuang Wang (Distinguished Paper and Dissertation Awards), University of North Carolina-Charlotte

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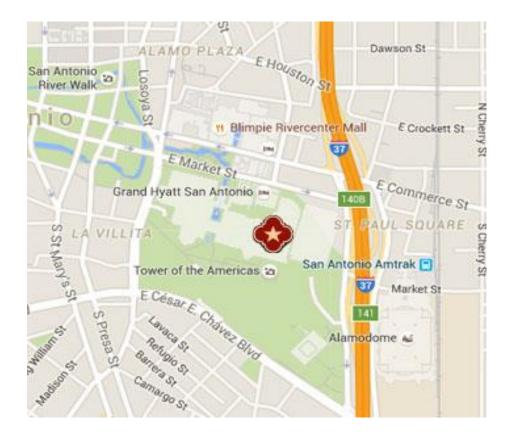
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Special Thanks to Proposal Reviewers

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Limin Zhang	Chinese University of Hong Kong
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Location and Map

Henry B. Gonzalez Convention Center 900 E. Market Street, San Antonio, Texas 78205



All conference sessions will be held in the following rooms of the Second Level of Convention Center: Rooms 216B, 217C, and 218.

Join us at our CAERDA reception to celebrate our 25th anniversary!

Bring your family, colleagues, students or friends to join us! Location: Henry B. Gonzalez Convention Center, Room #217C Address: 900 E. Market Street, San Antonio, Texas 78205 Time: 5:30 pm – 7:00 pm, Wednesday, April 26

Conference Program Schedule

Wednesday April 26, 2017

Time & Room	Sessions
8:00am – 4:30pm	Conference On-Site Registration
8:45am – 9:00am	Plenary Session
Plenary Session Second Level, 217C	Welcome and Opening Remarks Yi-Lung Kuo CAERDA President BNU-HKBU United International College Miranda Lin & Alan Bates Conference Co-Chairs Illinois State University Yann-Yann Shieh Conference Co-Chair U.S. Department of Education
9:00am – 10:00am	Plenary Session
Plenary Session Second Level, 217C	Invited Keynote Presentation No Longer on the Outside Looking in: Developing Culturally Responsive Teachers for Urban Schools Robert Lee Executive Director, Statewide Urban Programs and Partnerships, Illinois State University
10:00am – 10:15am	Break

10:15am –11:35am	Symposium Session I
Concurrent Session Second Level, 217C	Neoliberalism in Teacher Education: An International PhenomenonGuofang Wan, University of West Florida Michael Scott, University of Texas at Austin Aslam Fataar, Stellenbosch University, South Africa
10:15am –11:35am	Paper Session I
Concurrent Session Second Level, 216B	 Student Achievement 1. Validity Evidences of the National Higher Education Entrance Examination Mathematics Test for Hunan Province Do-Hong Kim & Chuang Wang, University of North Carolina at Charlotte; Chunlian Jiang, University of Macau 2. Study of Learning Styles and Academic Achievement of Grade 9 Students Miao Zhang, Yixue Quan, Liqin Huang, & Yi-Lung Kuo, BNU- HKBU United International College 3. Methods for Teaching Statistics: A Systematic Review Xi Zeng & Aaron Zimmerman, Texas Tech University 4. CAI Programs for Enhancing Mathematics Achievement in Grades 1-12 in Mainland China: A Meta-Analysis Xie Chen, Alan Cheung, & Wilfred Lau, The Chinese University of Hong Kong Facilitator: Chuang Wang, University of North Carolina at Charlotte
10:15am –11:35am	Paper Session II

Concurrent Session Second Level, 218	 Diversity and Education 1. The Impact of China's One-child Policy on Children's Individual Personalities: An Investigation of Children's Behavior Youchuan, Ma, Affiliated High School of Peking University, Jingshun Zhang, Florida Gulf Coast University; Brigitta Ann Lee, Affiliated High School of Peking University 2. The Difference between Chinese and Western Teacherstudent Relationship: A Power Distance Approach Yanzi Huang, Xinging Zeng, & Sumwan Yu, BNU-HKBU United International College 3. A Review of Family and Community Engagement Extbook Content: Working with Diverse Families Anni Reinking, Southern Illinois University Facilitator: Alan Bates, Illinois State University
11:35am – 1:00pm	Lunch Break
1:00pm – 2:20pm	Paper Session III
Concurrent Session Second Level, 216B	 Student Learning (Mandarin Session) 1. Changing Undergraduates' Passive Learning via In-Class Questioning & Answering Activities with Facebook Yu-Hsin Liu, National Chi Nan University; Fu-Yun Yu, National Cheng Kung University 2. 台湾教科书政策未来走向研究 (Study on the Future Tendency of Taiwan's Textbook policy) Hui Liu & Juntang Li, Guangzhou University School of Education 3. 综合实践活动课学业质量评价研究 Ling Liu, Beijing Academy of Educational Sciences Facilitator: Jing Liu, Capital Normal University

	Pedagogy: Design and Assessment
	 Social Discourse Influencing a Teacher's Cognitive and Metacognitive Process Huichen Durley, Oklahoma City Public Schools; Xun Ge, University of Oklahoma
	2. The Promise of Translanguaging As Pedagogy For Emergent Bilinguals: A Landscape Review Zhongfeng Tian, Boston College
Concurrent Session Second Level, 217C	3. Systematic Syllabi Review for an Early Intervention/Early Childhood Special Education Personnel Preparation Program Heather Coleman & Yaoying Xu, Virginia Commonwealth University
	4. Effective Design and Assessment of Discussion Boards in Hybrid Teacher Education Learning Environments Jingshun Zhang, Xiaoxue Wang, Amanda Rose, & Jessica Evers, Florida Gulf Coast University
	Facilitator: Yaoying Xu, Virginia Commonwealth University
1:00pm – 2:20pm	Paper Session V
	Teaching and Teacher Training
Concurrent Session	 Creative Thinking and Tendency of Taiwanese Students: A Latent Profile Analysis Yu-Lin Chang, National Taiwan Normal University, I-Chen Wu, University of Arizona, & Hsueh-Chih Chen, National Taiwan Normal University
Second Level, 218	2. Effects of Pedagogical Practices of Blended Instruction for College-Level Engineering Courses: A Meta-Analytic Review Mingming Zhou, Morgan McAfee, Matthew Griffith, & Haiyan Rei, University of Control Florida
	 Bai, University of Central Florida 3. A Comparative Study on Pre-service Mathematics Teachers' Instruction for Solving Word Problem between China and U.S.

	Shuang Zhang & Jian Wang, Texas Tech University 4. The Effects of A Teacher Training Program for Enhancing Teacher collaboration Nan Wu, Texas Tech University Facilitator: Haiyan Bai, University of Central Florida
2:20pm – 2:30pm	Break
2:30pm – 3:50pm	Invited Panel I
Concurrent Session Second Level, 217C	Preparing Culturally Responsive Teachers: The Impact of Urban RedesignRobert Lee, Illinois State University Sara Jozwik, Illinois State University Miranda Lin, Illinois State UniversityOrganizer: Miranda Lin, Illinois State University
2:30pm – 3:50pm	Paper Session VI
Concurrent Session Second Level, 216B	 Contexts for Learning (Mandarin Session) 1. 跨文化數學教學與學童數學思考分析 Chu-Chun Huang & Tung-Hsing Hsiung, National Taitung University 2. 高校网络学习支持服务现状的调查 ——以北京地区三所高校 为例 Jing Liu, Capital Normal University; Xiaoxue Wang, Florida Gulf Coast University 3. Citing peer-generated questions for online student test- construction under real-name and anonymous situations Fu-Yun Yu & Hsiang-I Liu, National Cheng Kung University Facilitator: Yann Yann Shieh, U.S. Department of Education

2:30pm – 3:50pm	Paper Session VII
Concurrent Session Second Level, 218	 Assessment Tools and Program Assessment Behavioral Skills as an Alternative to Grit Yi-Lung Kuo, BNU-HKBU United International College, Jason Way, ACT, & Alex Colbow, University of Iowa Examination of Differential Item Functioning in a State- wide Music Assessment Program Using Rasch Methodology Burgess Yin, Jin Liu, Mihaela Ene, & Elizabeth Leighton, University of South Carolina Topic Modeling of Written Feedback from Students on Learning Experiences Tze-Ho Fung, The Hong Kong Academy for Gifted Education Effects of Institutional Factors on College Student Earnings after Graduation Mingming Zhou, Huiyuan Luo, & Haiyan Bai, University of Central Florida Facilitator: Yi-Lung Kuo, BNU-HKBU United International College
3:50pm – 4:00pm	Break
4:00pm– 5:20pm	Invited Panel II
Concurrent Session Second Level, 216B	Career Panel Fanmin Guo (Vice President, GAMC) Ye Tong (Vice President, Pearson) Ada Woo (Director of Measurement and Testing, National Council of State Boards of Nursing) Lixiong Gu (Psychometric Manager, ETS) Organizer: Huijuan Meng (Research Director, GAMC)

4:00pm– 5:20pm	Paper Session VIII
Concurrent Session Second Level, 218	 Applied Research Methodology Differential Item Functioning Analysis of the Classroom Appraisal of Resources and Demands Chuang Wang & Richard Lambert, University of North Carolina at Charlotte, Juan Zhang, University of Macau Support Foster Children Learning and Development: Logic Evaluation Modeling Jingshun Zhang & Xiaoxue Wang, Florida Gulf Coast University; Jane Billings & Vanessa Estrada, Friends of Foster Children Forever The Impact of Birth-order on Young Adults' Extrovert Wanying Huang & Jieying Huang, BNU-HKBU United International College Facilitator: Jingshun Zhang, Florida Gulf Coast University
5:30pm – 7:00pm Second Level, 217C	Reception

Thursday, April 27, 2017

Time & Location	Sessions
8:00am – 9:00am	Conference On-Site Registration
8:30am – 9:40am	Symposium II
Concurrent Session Second Level, 217C	Action Research: Implementing PBL Practice at an Inner City School HuiChen Durley, Oklahoma City Public Schools Xun Ge, University of Oklahoma Amanda Mumme, Oklahoma City Public Schools Shichen Guo, University of Oklahoma Facilitator: HuiChen Durley, Oklahoma City Public Schools
8:30am – 9:40am	Paper Session IX
Concurrent Session Second Level, 216B	 Effective Teaching and Feedback 1. US Teachers' Perception of Confucius Teaching Philosophy and Methodology Tak Chan & Binbin Jiang, Kennesaw State University; Meimei Xu, University of Georgia 2. Direct and Indirect Corrective Feedback to ESL Writing: Attitude of Chinese Students Xiaoguang Zeng, Quanzhou Normal University; Xi Zeng, Texas Tech University 3. Understanding Predictors of High School Student Science Achievement through The Opportunity-Propensity Framework Aubrey Wang, Saint Joseph's University 5. Facilitator: Aubrey Wang, Saint Joseph's University
8:30am – 9:40am	Paper Session X

Concurrent Session Second Level, 218	 Contextual Teaching Methodology Applying Cultural Historical Activity Theory Shannon Sung & Viveka Brown, Spelman College; Tugce Gul, University of West Florida Why is Morphological Compounding Awareness the Key for Chinese Acquisition? Juan Zhang, University of Macau An Analytical Study of the Long-term Impact of a Statewide Value–Added Model Jianlin Hou, Donghai Xie, & Randy Powell, The School District of Palm Beach County
	Facilitator: Miranda Lin, Illinois State University
9:50am – 11:00am	Invited Panel III
Concurrent Session Second Level, 217C	MI vs. IQ- New Evidence from Neuroscience and Educational Policy Branton Shearer, Multiple Intelligences Research and Consulting Mindy Kornhaber, Penn State University Organizer: Yi-Lung Kuo, BNU-HKBU United International College
9:50am – 11:00am	Paper Session XI
Concurrent Session Second Level, 216B	 Parental Factors 1. Hong Kong Students' Breakfast Habit: Huge Effects on Learning Frequently Ignored by Parents and Schools Kit-Tai Hau, The Chinese University of Hong Kong; Catherine Chan, Education Bureau, Hong Kong Government; Jianfang Chang, The Chinese University of Hong Kong 2. Understanding the Parental Factors in Promoting At Home Modeled Sustained Silent Reading (MSSR) Melissa Young, Endicott College; Yin Yu, University of California Santa Barbara; Tzu-Chao, Chien and Tak-Wai Chan, National Central University

	3. How Has Kindergarten Readiness of Low-income Children Changed from 1999 to 2011? Aubrey Wang, Saint Joseph's University Facilitator: Alan Bates, Illinois State University
9:50am – 11:00am	Paper Session XII
Concurrent Session Second Level, 218	 Instructional Accommodations (Mandarin Session) 课程调整干预自闭症幼儿问题行为 Meiju Zhao, Beijing Normal University 中国西部地区教师学习困惑与出路 Juling He, Shaanxi Normal University Gender Images in Elementary Science and Living Technology Textbooks Tung-Hsing Hsiung & Mei-Hui Wu, National Taitung University Facilitator: Show-Mei Lin, Tennessee State University
11:05pm – 12:15pm	Invited Panel IV
Plenary Session Second Level, 217C	The Past, Present, and Future of CAERDA Shwu-yong L. Huang, National Taiwan University Aubrey H. Wang, St. Joseph's University Chuang Wang, University of North Carolina, Charlotte Barry Bai, Chinese University of Hong Kong Lusa Lo, University of Massachusetts Yaoying Xu, Virginia Commonwealth University Organizer: Yann-Yann Shieh (U.S. Department of Education)
12:15pm – 12:30pm	Plenary Session
Plenary Session Second Level, 217C	Closing Ceremony/Door Prizes Yi-Lung Kuo, CAERDA President Miranda Lin, Yann-Yann Shieh, & Alan Bates Conference Co-Chairs

Thank you for attending the 2017 conference.

We look forward to seeing you at one of our future conferences:

International Conference at Lingnan Normal University Guangdong, China December 23 - 25, 2017



2018 CAERDA Annual International Conference New York, New York, USA April 12 - 13, 2018



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