

**Yuane (Joy) Jia**

**PRESENT TITLE:** Associate Professor

**OFFICE ADDRESS:** Stanley S. Bergen Building, Room 350  
65 Bergen Street, Newark, NJ 07101

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**Google scholar page:**

<https://scholar.google.com/citations?user=ekp7OhcAAAAJ&hl=en>

**EDUCATION:**

Graduate and Professional

**University of Virginia**

*Aug. 2019*

*Charlottesville, Virginia, U.S.*

*Ph.D. (Education - Research, Statistics & Evaluation)*

*Dissertation: Methodological Considerations in School Climate  
Research (Committee: Timothy Konold, Dewey Cornell, Patrick  
Meyer, Michael Hull)*

**Guangxi Normal University**

*Guilin, Guangxi, China*

*M.A. (Educational Psychology)*

*July 2008*

Undergraduate

**Guangxi Normal University**

*Guilin, Guangxi, China*

*B.S. (Applied Psychology)*

*July 2005*

**POST DOCTORAL or ADDITIONAL TRAINING:**

Visiting Scholar

**SUNY-Buffalo, Buffalo, NY**

*Counseling, School and Educational Psychology*

*July 2009 – July 2011*

ABD

**East China Normal University, Shanghai, China**

*Developmental and Educational Psychology*

*Sep. 2008 – July 2014*

**ACADEMIC APPOINTMENTS:**

Department of Interdisciplinary Studies  
Methodological and Statistical Support Team (MSST)  
Rutgers University-School of Health Professions  
*Associate Professor, MSST member*  
*July 2025—present*

Department of Interdisciplinary Studies  
Methodological and Statistical Support Team (MSST)  
Rutgers University-School of Health Professions  
*Assistant Professor, MSST member*  
*July 2021—June 2025*

Department of Interdisciplinary Studies  
Methodological and Statistical Support Team (MSST)  
Rutgers University-School of Health Professions  
*Instructor, MSST member*  
*Aug. 2019 -- June 2021*

**RESEARCH INTERESTS:**

Scale Development and Validation  
Latent Variable Modeling  
Multilevel Mediation and Moderation  
School Climate and Student Outcomes  
Health Professions Education  
Scholarship of Teaching and Learning  
Spirituality and Well-being

**EMPLOYMENT/WORK EXPERIENCE:**

*July 2025 – Present*

*Associate Professor*  
Department of Interdisciplinary Studies  
*Team member*  
Methodological and Statistical Support Team  
Rutgers-School of Health Professions  
Newark

*July 2021 – June 2025*

*Assistant Professor*  
Department of Interdisciplinary Studies  
*Team member*  
Methodological and Statistical Support Team  
Rutgers-School of Health Professions  
Newark

*Aug. 2019 – June 2021*

*Instructor*

Department of Interdisciplinary Studies

*Team member*

Methodological and Statistical Support Team

Rutgers-School of Health Professions

Newark

*Aug. 2016 – May 2019*

*Teaching Assistant*

Department of Leadership, Foundations and Policy

University of Virginia

Charlottesville

*Aug. 2014 – June 2019*

*Quantitative Research Assistant*

Virginia Youth Violence Project Lab

University of Virginia

Charlottesville

*July 2009 – July 2011*

*Visiting Scholar*

Counseling, School and Educational Psychology

State University of New York at Buffalo

Buffalo

*Sept. 2008 – July 2009*

*Research Assistant*

Developmental and Educational Psychology

East China Normal University

Shanghai, China

*Sept. 2005 – July 2007*

*Research Assistant*

Guangxi Normal University and Department of Education in

Guilin, China

## **HONORS AND AWARDS:**

*The Walter Eugene Campbell Scholarship*

*Awarded by Curry School of Education at University of Virginia*

*2017*

*Doctoral Fellowship*

*Awarded by Research, Statistics & Evaluation Program at University of*

*Virginia*

*2014-2019*

*Joint Ph.D. Student Study Abroad Scholarship*  
*Awarded by the Chinese Scholarship Council*  
2009

*Doctoral Fellowship*  
*Awarded by Developmental and Educational Psychology department at East China Normal University*  
2008

*College Students Innovation Research Project competition Award, second place*  
*Awarded by Guangxi Normal University*  
2008

*Distinguished Researcher Award*  
*Awarded by Guangxi Province Department of Education*  
2007

*Graduate Scholarship Award*  
*Awarded by Guangxi Normal University*  
2007

*College Students Innovation Research Project competition Award, third place*  
*Awarded by Guangxi Normal University*  
2007

*Excellent papers submitted for conference competition of the Psychology Association of Guangxi Province, second place*  
*Awarded by Psychology Association of Guangxi Province*  
2006

*Best Paper Award, Guangxi Normal University 2nd Annual Graduate Student Research Symposium*  
*Awarded by Guangxi Normal University*  
2006

*Graduate Scholarship*  
*Awarded by Guangxi Normal University*  
2006

*National Scholarship for students in Western China*  
*Awarded by the Ministry of Education of the People's Republic of China*  
2004

*Annual Outstanding Student at Guangxi Normal University*  
*Awarded by Guangxi Normal University*  
2004

## GRANT SUPPORT:

### A. Principal Investigator

- *Validation in Diverse Populations of the Awareness Atlas – A New Measure of the Manifestation of Consciousness. 2024-ongoing, no funding but with an international group of researchers*
- *American Education Research Association Division I (Education in the Professions) research project (Co-PI), Impacts of online teaching modalities during the COVID-19 pandemic on faculty and students of health professional education programs. 2021-2024, no funding but across 6 institutions.*
- *Rutgers University's Research Council Grant Award, STEM Education Pathways for Students with Disabilities, 2020 –2022, \$1,872*
- *Rutgers School of Health Professions Dean's intramural Grants (Co-PI), Validation of a Peer Observation for Teaching Evaluation Tool, 2020 –2021, \$3,000*

### B. Co-Investigator

- *National Institute of Disability, Independent Living and Rehabilitation Research (NIDILRR). (resubmission). Gait Adaptations and Daily Living in Persons with Multiple Sclerosis. Application#: IFRE25001167, Sep.2025 to Aug. 2028. PI: Soha Saleh.*
- *Rutgers University Equity and Inclusion Faculty Diversity and Collaborative. Mutual Mentoring Team Grant for The Affinity Network. May 2024- May 2025, \$6000. PI: Suchismita Ray*
- *REACH Community-Academic Grants Program. Dismantling the U.S. Social Norm of the "Kids' Food" Archetype that Includes Ultra-processed Foods such as Chicken Nuggets and Fries in the Newark, NJ Community. January 1, 2024 – December 31, 2024, \$107,909. PI: Pamela Rothpletz-Puglia*
- *National Institute of Disability, Independent Living and Rehabilitation Research (NIDILRR). Exploring Oral Health Experiences for People with SMI and Developing Stakeholder-Informed Guidelines and Training, Sep.2023- Sep.2026, \$600,000. PI: Michele Zechner*
- *National Institute of Disability, Independent Living and Rehabilitation Research (NIDILRR). Internet Assisted Career-Oriented Soft-skills Training (iCareer) for Transition Age Youth with Mental Health Conditions: A Randomized Controlled Trial, September 2022 to September 2025, 90IFRE0071, \$600,000. PI: Weili Lu*

- *Rutgers Dean's Intramural Seed Grants. Exploring Phenotypes for Predicting Optimal Body Weight and Survival in Hemodialysis*, 2022 Sep. to 2024 Aug., \$35,000. PI: Laura Byham-Gray
- *Rutgers School of Health Professions Dean's Teaching Innovation Award. An Innovative Nutrition Flipped-Curriculum in Physician Assistant Studies*, 2022 Sep.-2023 Aug., \$3000. PI: Matthew Wright.
- *NJ Health Foundation Research Grant FY22. Investigating oral health disparities between dental patients with and without mental health conditions using Machine Learning*, 2022 March-2023 Feb., \$15,000. PI: Vaishali Singhal
- *Advancing Health Equity and Social Justice pilot award. Identifying Needs, Barriers, and Facilitators in the Care and Rehabilitative Services for Hispanic Adults with Post-stroke Aphasia: Perspectives from Caregivers*. Nov. 2020- Nov 2021, \$10,000. PI: Jose Centeno.
- *RBHS Innovative Education Grant Award. Creating Student Co-Ownership of an Online Experiential Approach to Scientific Inquiry*, 2020-2021, \$5000. PI: Pamela Rothpletz-Puglia.
- *Rutgers University's Research Council Award, The Effect of a Diagnosis of Dementia on Social Engagement among Older Adults*, 2020-2021, \$5, 000. PI: Takashi Amano.
- *New Jersey Alliance for Clinical and Translational Science, Needs Assessment of Family Functioning around Food Related Behaviors (NAF)*, 2020 -2021, \$10,000. PI: Pamela Rothpletz-Puglia.
- *Rutgers SHP Faculty Research Grant Program, Social Media Usage and Impact among College Students with Disabilities*, 2019 – 2021. PI: Ni Gao.
- *The National Ministry of Education in China. Using Item Response Theory in Measurement of Teachers' Teaching Competence*, 2014 - 2017, approx. \$13,000. PI: Silin Wei

#### C. Team Member

- *U.S. Department of Justice, National Institute of Justice, Improvement of School Climate Assessment in Virginia Secondary Schools*, 2017-CK-BX-0007, 2018-2019, \$999,802. PI: Dewey Cornell
- *U.S. Department of Justice, National Institute of Justice, Student Threat Assessment as a Safe and Supportive Prevention Strategy*, 2014-CK-BX-0004, 2014-2018, \$2,497,529. PI: Dewey Cornell
- *National Science Foundation of the United States, Connected Chemistry as Formative Assessment*, 2010-2011. PI: Xiufeng Liu
- *The State University of New York at Buffalo, Psychosocial Adjustment of Caregivers of people with Autism Spectrum Disorders*, 2009-2011. PI: Gloria Lee
- *The Social Science Foundation of Zhejiang province of China, Modeling and Progressions of Teachers' Teaching Competence*, 2012-2015. PI: Silin Wei

- *Ministry of Science and Technology of China, Development Database about the Characteristics of Psychological Development of Children and Adolescents in Shanghai, 2008-2009. PI: Qiwei Li*
- *Shanghai Education Science Institute, Identification and Intervention of Elementary School Students with Learning Disabilities: Application of Cognitive Processing Assessment Based on PASS Theory, 2008-2009. PI: Ciping Deng*
- *Department of Education in Guangxi Province of China, Development of a Computer-based Survey on the Influential Factors on Learning of Secondary School Students, 2005-2007. PI: Wenzhong Su*

## SCHOLARSHIP/RESEARCH PUBLICATIONS:

### A. Peer-reviewed Journal Articles

- Eltawil M., Byham-Gray L., **Jia Y.**, Mistry N., Parrott J.S., Gohel S. (2025). Commentary on “Evaluating binary classifiers for cardiovascular disease prediction: enhancing early diagnostic capabilities”. *Journal of Cardiovascular Development and Disease*.
- Lu W., Wang K., Mueser K., **Jia Y.**, Robinson M., ...Silverstein S. (2025). Complex PTSD Among Persons with Serious Mental Illness Receiving Community Mental Health Services. *Journal of Mental Health*. <https://doi.org/10.1080/09638237.2025.2585203>
- Lu, W., Pole, N., Wang, K., **Jia, Y.**, Rogers K., Siriram, A., Brown, L., Yao Y., Yanos, P., Waynor, W., Gill, K., & Parrott, J. S. (2025). Comparison of posttraumatic stress disorder symptom structure models in Black/African American and European American clients receiving public mental health services. *Psychiatric Research* <https://doi.org/10.1016/j.psychres.2025.116858>
- Waynor W., **Jia Y.**, Dolce J., & Mariani J. (2025). The Role of College Self-efficacy and the Development of Professional Identity: Preparing Psychiatric Rehabilitation Practitioners. *Psychiatric Rehabilitation Journal*. <https://doi.org/10.1037/prj0000665>
- Singhal V., **Jia Y.**, Gao N., York J., Gold-Rosenbach M., Ginu N., Arya R., Patel J. (2025). Leveraging big electronic data to identify oral care disparities in those with serious mental illness. *General Dentistry of AGD*. PMID: 40560089.
- Wright M., O’Cornell, C., Yeh D., Tomesko J., Cogan-Drew T., Vidal E., **Jia Y.** (2025). A Novel Flipped Nutrition Curriculum

in Physician Assistant Education. *Journal of Physician Assistant Education*. <https://doi.org/10.1097/JPA.0000000000000676>

- Gottesman, K, **Jia, Y.**, Hillstrom, K., Kuo, T. & Robles, B. (In press). Self-reported changes in physical activity levels and sitting time among predominately Hispanic/Latino university students before and during the COVID-19 pandemic. *The Journal of American College Health*. <https://doi.org/10.1080/07448481.2025.2533925>
- Waynor, W. R., **Jia, Y.**, Dolce, J. N., & Feng, J. (in-press). The role of hope for students studying to become psychiatric rehabilitation providers. *Journal of Rehabilitation*.
- **Jia Y.**, Eissenstat S., & Gao, N. (2025); Educational Expectations Matter in College Application and STEM Major Choices for Students with and without Disabilities. *Journal of Disability Policy Studies*. <https://doi.org/10.1177/10442073251368339>
- Chiou P., **Jia Y.** & Vinod R. (2025). Investigating career advancement in academic cytopathology workforce: A gender and regional Comparison. *Cytopathology*. <https://doi.org/10.1111/cyt.13490>
- Zechner M. R., **Jia Y.**, Hill N., Kasper A., York J., Singhal V. Rothpletz-Puglia P. (2025). A co-produced mixed methods protocol: Exploring perceptions of oral health care and quality of life in people with mental health conditions. *PLoS ONE* 20(1): e0313983. <https://doi.org/10.1371/journal.pone.0313983>
- **Jia Y.**, Spagnolo A., Barrett N., Murphy A., Basto P. M., & Rothpletz-Puglia P. & Luther S. (2024). Validation of a Peer Observation and Evaluation Tool for Teaching. *Educational Technology Research and Development*. <https://doi.org/10.1007/s11423-024-10428-z>
- Gesing P., Tornwall J., Kulo V., McBrien S., Hoang T., Jun HJ., Burbage A.K., **Jia Y.**, Cestone, C. (2024). Team science in interdisciplinary health professions education research: A multi-institution case study. *Advances in Health Sciences Education*. <https://doi.org/10.1007/s10459-024-10393-5>
- Lu, W., Mueser, K. T., **Jia, Y.**, Yanos, P. T., Siriram, A., Bullock, D., ... & Rosenberg, S. D. (2024). Factor structure of posttraumatic stress disorder (PTSD) in persons with serious mental illness. *Clinical Schizophrenia and Related Psychoses* 18. DOI: 10.3371/CSRP.AMOS.100003. [mini-review]
- Jun H., **Jia Y.**, & Kulo V. (2024). Investigating Factors



Associated with Faculty Perspectives on Changes in Teaching Modalities within Health Professions Education Programs. *Education and Information Technologies*.

<https://doi.org/10.1007/s10639-024-13034-x>

- Reynolds, A., Amano, T., & Scher, C., & **Jia, Y.** (2024). Control Beliefs After a Diagnosis of Alzheimer's Disease and Related Dementias: The Need to Foster Resilience. *Journal of Applied Gerontology*. <https://doi.org/10.1177/07334648241282778>
- Chiou PZ, Herring RP, **Jia Y.** (2024). An evaluation of pathology laboratory workforce performance during mergers and acquisitions. *Healthcare Management Forum*. doi:[10.1177/08404704241266104](https://doi.org/10.1177/08404704241266104)
- Chiou, PZ. & **Jia, Y.** (2024). Investigating First Instinct Fallacy in Cytology Education and Cytomorphology Examination. *Journal of the American Society of Cytopathology*. <https://doi.org/10.1016/j.jasc.2024.07.004>
- **Jia Y.**, Schenkman M., O Connor H., Jayanna K., Pearmain R., van't Westeinde A., Patel K. (2024). Validation of the Awareness Atlas – A new Measure of the Manifestation of Consciousness. *Frontiers in Psychology*. <https://doi.org/10.3389/fpsyg.2024.1283980>
- Amano T., **Jia Y.**, & Redding A. (2024). The dynamic and reciprocal relationship between perceived everyday discrimination and cognitive function in later life. *Aging and Mental Health*. <https://doi.org/10.1080/13607863.2024.2338196>
- Lu W., Mueser, K. T., Yanos, P., **Jia, Y.**, Siriram A., et al. (2024). Factor Structure of Posttraumatic Stress Disorder (PTSD) in Persons with Serious Mental Illness. *Journal of Mental Health*. <https://doi.org/10.1080/09638237.2024.2332809>
- De Souza N., Lindsey H., Dorman K., Dennis E., Kennedy E., Menefee D., Parrott, J. S., **Jia, Y.**, ... & Esopenko, C. (2024). Neuropsychological profiles of deployment-related mild traumatic brain injury: A LIMBIC-CENC Study. *Neurology*. <https://doi.org/10.1212/WNL.0000000000209417>
- Amano, T., Halvorsen C., Reynolds, A., Scher, C., & **Jia, Y.** (2023). An outcome-wide analysis of the effects of diagnostic labeling of Alzheimer's disease and related dementias on social relationships. *Alzheimer's & Dementia*. <https://doi.org/10.1002/alz.13574>
- Chiou P. & **Jia Y.** (2023 Nov). A Mixed Methods Study on the Use of Non-Gynecological Virtual Microscopy Platform in

Cytology Education. *American Journal of Clinical Pathology*.  
<https://doi.org/10.1093/ajcp/aqad156>

- Song, X. & **Jia, Y.** (2023). Using Latent Growth Mixture Modeling to Detect Group Developmental Differences in Preclinical Medical Education. *Advances in Health Sciences Education*. <https://doi.org/10.1007/s10459-023-10279-y>
- Sherifi, D., **Jia, Y.**, Hunt, T. J., & Ndanga, M. (2023). Evaluation of a PlayPosit Guided Group Project's Impact on Student Engagement in an Undergraduate Course. *Discover Education*. <https://doi.org/10.1007/s44217-023-00057-8>
- Burbage A.K., **Jia Y.**, Hoang T. (2023). Community of Inquiry, Self-Efficacy, and Student Attitudes in Sustained Remote Health Professions Learning Environments. *BMC Medical Education*, 23, 481. <https://doi.org/10.1186/s12909-023-04382-2>
- Lu, W., Mueser, K. T., Yanos, P., Siriram A., **Jia, Y.**, et al. (2023); Posttraumatic Cognitions Inventory (PTCI): Psychometric Properties in Clients with Serious Mental Illness and Co-Occurring PTSD. *Behavioural and Cognitive Psychotherapy*, 1-16. <https://doi.org/10.1017/S1352465823000140>
- Chiou, PZ. & **Jia, Y.** (2023). Evaluating the Use of Virtual Microscopy in Cytology Education. *Journal of the American Society of Cytopathology*. <https://doi.org/10.1016/j.jasc.2023.03.001>
- Lin, P., Hillstrom, K., Gottesman, K, **Jia, Y.**, Kuo, T. & Robles, B. (2023). Financial and other life stressors, psychological distress, and food and beverage consumption among students attending a large California state university during the COVID-19 pandemic. *International Journal of Environmental Research and Public Health*. <https://doi.org/10.3390/ijerph20043668>
- Chiou, PZ., Mulder L., & **Jia, Y.** (2023). Workplace Bullying in Pathology and Laboratory Medicine. *American Journal of Clinical Pathology*. <https://doi.org/10.1093/ajcp/aqac160>
- de Souza, N., Esopenko, C., **Jia, Y.**, Parrott, J. S., Parrott, J. S., Merkley, T., Dennis, E., ... & Tate, D.(2022). Discriminating mild traumatic brain injury and post-traumatic stress disorder using latent neuroimaging and neuropsychological profiles in Active-Duty Military Service Members, *Journal of Head Trauma Rehabilitation*. DOI: 10.1097/HTR.0000000000000848 <https://pubmed.ncbi.nlm.nih.gov/36602276/>
- **Jia, Y.**, Gesing, P., Jun HJ., Burbage, A., Hoang, T., Kulo, V., Cestone, C., McBrien, S., Tornwall, J. (2022). Exploring the

impacts of learning modality changes: Validation of the Learning Modality Change Community of Inquiry and Self-Efficacy scales. *Education and Information Technologies*.

<https://link.springer.com/article/10.1007/s10639-022-11258-3>

- Chiou, PZ. & **Jia, Y.** (2022). On Building Cytomorphology Skills: Influence of Slide Reviewing habits on Diagnostic Competency in Cytology. *Cytopathology*, 33:584–590.  
<https://doi.org/10.1111/cyt.13150>
- de Souza, N., Esopenko, C., **Jia, Y.**, Parrott, J. S., Merkley, T., Dennis, E., ... & Tate, D. (2022). Latent Neuropsychological Profiles to Discriminate Mild Traumatic Brain Injury and Post-Traumatic Stress Disorder in Active-duty Service Members. *Journal of Head Trauma Rehabilitation*.  
<https://www.doi.org/10.1097/HTR.0000000000000779>
- Lu, W., Yanos, P., Waynor, W., **Jia, Y.**, et al. (2022). Psychometric Properties of Post-Traumatic Stress Disorder (PTSD) Checklist for DSM-5 in Persons with Serious Mental Illness. *European Journal of Psychotraumatology*, 13 (1).  
<https://doi.org/10.1080/20008198.2022.2038924>
- Spagnolo, A., Pratt, C., **Jia, Y.**, et al.(2022). The Competencies of Telehealth Peer Support: Perceptions of Peer Support Specialists and Supervisors during the COVID-19 Pandemic. *Community Mental Health Journal*,  
<https://doi.org/10.1007/s10597-022-00950-w>
- Rothpletz-Puglia, P., Ryan, E., Jones, V. M., Eubanks, R., Ziegler, J., Sackey, J., **Jia Y.**, & Byham-Gray, L. D.(2022). Family Systems Cultural and Resilience Dimensions to Consider in Nutrition Interventions: A Qualitative Study Exploring Preschoolers' Eating and Physical Activity Routines During COVID-19; *Journal of Nutrition Education and Behavior*, 54(6):540-550. <https://doi.org/10.1016/j.jneb.2022.01.001>
- Chiou, PZ. & **Jia, Y.** (2022) . Influence of Certification on Pathology Laboratory Professional's Career Mobility. *American Journal of Clinical Pathology*, 157(6):942-947.  
<https://doi.org/10.1093/ajcp/aqab205>
- Amano, T., Reynolds, A., Scher, C., & **Jia, Y.**(2021).The Effect of Receiving a Diagnosis of Alzheimer's Disease and Related Dementias on Social Relationships of Older Adults. *Dementia and Geriatric Cognitive Disorders*, 50(4):401-406.  
<https://doi.org/10.1159/000519581>
- Wright, M., **Jia, Y.**, Vidal, E., Cornell, C., Palfreyman, L. & Parrott, J. S. (2021). Effect of a flipped classroom compared with a traditional lecture on physician assistant students' exam performance. *Journal of Physician Assistant Education*, 32(4):261-264. <https://doi.org/10.1097/jpa.0000000000000393>
- Chiou, P., Mulder, L., & **Jia, Y.** (2021). On Pathology

Laboratory Recruitment and Retention: Insights from the 16 Personalities Type Indicators. *American Journal of Clinical Pathology*, 156(4): 625–633.

<https://doi.org/10.1093/ajcp/aqaa257>

- **Jia, Y., & Konold, T. R.** (2019). Moving to the Next Level: Doubly Latent Multilevel Mediation Models with a School Climate Illustration. *Journal of Experimental Education*, 89(2): 422-440. <https://doi.org/10.1080/00220973.2019.1675136>
- Konold, T. R., Cornell, D., **Jia, Y.**, & Malone, M. (2018). School climate, student engagement, and academic achievement: A latent variable, multilevel multi-informant examination. *AERA open*, 4(4): 1-17. <https://doi.org/10.1177/2332858418815661>
- Cornell, D., Maeng, J. L., Burnette, A. G., **Jia, Y.**, Huang, F., Konold, T., . . . Meyer, P. (2017). Student threat assessment as a standard school safety practice: Results from a statewide implementation study. *School Psychology Quarterly*, 33: 213-222. <http://dx.doi.org/10.1037/spq0000220>
- Wei, S., Wang, Q., **Jia, Y.**, & Chen, F. (2017). A model of subject teaching competencies: Based on the Grounded Theory and in-depth interviews with 10 outstanding teachers of secondary school. *Teacher Education Research*, 29(4): 84-91. [In Chinese]
- **Jia, Y.**, Konold, T. R., Cornell, D. & Huang, F.(2016). The impact of validity screening on associations between self-reports of bullying victimization and student outcomes. *Educational and Psychological Measurement*, 78: 80-102. <https://doi.org/10.1177/001316441667176>
- **Jia, Y.**, Konold, T. R., & Cornell, D.(2016). Authoritative school climate and high school dropout rates. *School Psychology Quarterly*, 31: 289-303. <https://doi.org/10.1037/spq0000139>
- Wei, S., Liu, X., & **Jia, Y.** (2014). Using Rasch measurement to validate the instrument of students' understanding of models in science (SUMS). *International Journal of Science & Mathematics Education*, 12:1067-1082. <https://doi.org/10.1007/s10763-013-9459-z>
- **Jia, Y.**, & Zhang, X.(2013).The new perspective on youth positive development: Intentional self-regulation. *Psychological Research*, 5(4):90-96. [In Chinese]
- **Jia, Y.**, & Wei, S.(2012). A review on the relationship among achievement goal orientation, self-regulation and performance. *Education Exploration*, 32(12): 131-134. [In Chinese]
- Wei, S., & **Jia, Y.** (2010). A new trend of research in science education in the United States and its applications: Using learning progressions to improve the alignment of curriculum, teaching, and evaluation. *Curriculum, Teaching Material and Method*, 30(10): 98-107. [In Chinese]

- **Jia, Y., & Li, H.**(2010). Inferiority Feelings of the college students and its cognitive mechanism. *Journal of Jiangsu Higher Education*, 26(4):119-121. [In Chinese]
- Wei, S., & **Jia, Y.** (2010). Learning Progressions: Promoting alignment of curriculum, teaching, and evaluation. *Global Education*, 39(9):24-31. [In Chinese]
- Wei, S., **Jia, Y.** & Tang, L.(2009). A Research on the Construction of Scientific Inquiry Activity Model Based on Cognitive Computational Modeling Technology. *Education in Chemistry*, 31(9): 32-37. [In Chinese]
- Wei, S., Wang, Z., & **Jia, Y.** (2009). An investigation and Analysis of subjective factors Affecting high school students' questioning awareness. *Instruction and Management*, 26(2): 34-36. [In Chinese]
- **Jia, Y.**, & Li, H.(2007). Development of a questionnaire on college student's discrepancy between the ideal self and actual self. *China Journal of Health Psychology*, 15(5):476-478. [In Chinese]
- **Jia, Y.** & Wei, S. (2007). An Investigation on Secondary School Students' Learning Motivation and its Developmental Characteristics in Guilin City. *Modern Primary and Secondary Education*, 23(12):51-53. [In Chinese]
- **Jia, Y.** & Li, H. (2007). Research on college student's discrepancy between the ideal self and actual self and its correlation with depression. *Science of Social Psychology*, 22(1):182-186. [In Chinese]
- Si X., **Jia, Y.**, Liang H., & Li H. (2007). The Characteristics, Causes and Countermeasures of Teacher-student Conflicts in Graduate Education. *Fujian Higher Education Research*, (2):15-17. [In Chinese]
- Yu X., Li H., & **Jia, Y.** (2005). On Problems Existing in Net-Teaching in Higher Education Institutions and Measures to Solve them. *Journal of Guangxi Normal University*, 41(1): 108-112. [In Chinese]
- Li H., Yu X., & **Jia, Y.** (2004). The Integration of Technology and Curriculum. *Journal of Guilin Teachers College*, 18 (3): 41-45. [In Chinese]

B. Paper Submitted

- Bazan, C., Lu, W., **Jia, Y.**, Bauer, A., Rogers, K., Marrero, C. Exploring the Interrelationships Among Trauma, Religious/Spiritual Struggles, and Substance Use Among Emerging and Young Adults. *Journal of Religion and Health*.
- Shapiro K. DiGiovanni J., **Jia Y.**, Fast Enough to Matter: A Hybrid, Delphi-Informed Methodology for Inclusive and Accelerated Strategic Planning. *Educational Planning Journal*.

- Chacko, J., **Jia, Y.**, Stathakos, K. Mazza, K., Kim, D., Diefenbach M.A., Carlo L. Chatbot Outreach in Value-Based Preventive Care: Retrospective Analysis. *JMIR Medical Informatics*.
  - Amano T., Scher, C., Reynolds, A., **Jia Y.** Influences of having cognitive impairment or Alzheimer's disease and related dementias (CI/ADRD) on social engagement among older adults: a systematic review of quantitative evidence. *Age and Aging*.
  - Banerjee, B. **Jia, Y.**, Hansen, T., Singhal, V. A Retrospective Study Comparing Three Teaching Modalities in a Calculus I Class. *International Journal of Research in Undergraduate Mathematics Education*
  - Rothpletz-Puglia P., Jones V., Waite P., Nabi A., Hynes A., **Jia Y.** Pilot Testing Approaches for Developing Participatory Food Justice Movements. *Journal of Nutrition Education and Behavior*
- C. Books, Monographs and Chapters
- **Jia, Y.** & Wei, S. (2020). (Editorial board member and Translator). In defense of Piaget's theory: A reply to 10 common criticisms. In Li Q. & Zhao G. (Eds), *The Collected Works of Jean Piaget: A ten-volume Chinese translation*, First Edition, Volume 1. Henan University Press.
- D. Test/Instrument Development
- **Jia, Y** & Schenkman, M. (2024). *The Awareness Atlas – A new Measure of the Manifestation of Consciousness*.
  - **Jia, Y** & Gesing, P. (2022). *AERA Division I National Teaching Modality Change Survey in Health Professional Education Programs*.
  - **Jia, Y.** & Gladson, B. (2021). *Health Science Career Program exam-- Intro to Health Research Methods*.
  - **Jia, Y.**, Spagnolo, A., et al. (2021). *Validation of a Peer Observation Evaluation Tool for Online Teaching*.
  - Wei, S., & **Jia, Y.**(2015). *Subject Teaching Competence Inventory for Secondary School Teachers*.
  - Liu, X., & **Jia, Y.** (2011). *Self-Concept in Chemistry Inventory*.
  - **Jia, Y.** (2008). *College Student's Self-Concept Discrepancy between Fictional and Actual Self Survey*.
  - **Jia, Y.**(2008). *Feelings of Inferiority among College Students Survey*.
  - Su, W., **Jia, Y.**, & Li, H.(2007). *Influential Factors for Secondary School Students Achievement and Learning Motivation Survey*.
  - **Jia, Y.**, & Li, H. (2005). *College Student's Self Discrepancy between Ideal and Actual Self Survey*.

E. Conference Presentations

- Grantham A., **Jia Y.** (2025 April). *Future Directions for Faculty Development in Health Professions and Biomedical Education*, American Education Research Association annual meeting, LA. [Roundtable presentation]
- Singhal, V., **Jia, Y.**, Gao, N., York, J., Gold-Rosenbach, M., Ginu, N., Arya, R., Patel, J.S. (2025 Sept.) *Leveraging big electronic data to identify oral care disparities in those with serious mental illness*. The Network: Towards Unity for Health (TUFH), Philadelphia, PA. [Paper presentation]
- Chacko J., Stathakos, K., Kim, D., Mazza, K., **Jia, Y.**, Diefenbach M., & Carlo L. (2025 May). *Retrospective insights of chatbot outreach: Identifying strategies to address value-based care gaps*. Rutgers School of Health Professions Student Research & Scholarship Symposium, virtual. [Poster presentation]
- Singh, S., Rogers, K., Marrero, C., Bazan, C., Lu, W., **Jia, Y.**, & Bauer, A. (2025, May). *Exploring the interrelationships among trauma, religious/spiritual struggles, and depression among emerging and young adults*. Rutgers School of Health Professions Student Research & Scholarship Symposium (virtual). [Paper presentation]
- Rogers, K., Luk, T., Yao, Y., Drake, G., Mueser, K. T., **Jia, Y.**, & Lu, W. (2025, May). *Untangling trauma: Exploring the rate of complex post-traumatic stress disorder (CPTSD) and its correlates in clients living with serious mental illness*. Rutgers School of Health Professions Student Research & Scholarship Symposium (virtual). [Poster presentation]
- Yao, Y., Rogers, K., Geisser, Z., Cai, R., **Jia, Y.**, Siriam, A., Lu, W., & Bazan, C. (2025, May). *Empirical validation of a trauma-informed career counseling model*. Rutgers School of Health Professions Student Research & Scholarship Symposium (virtual). [Poster presentation]
- Burbage A., **Jia Y.**, Gesing P. (2025, April). *Impacts of Extracurriculars and academic metrics on Medical School Acceptance of Students from Minority Serving Institutions*. American Education Research Association annual meeting, Denver. [Roundtable presentation]
- Singhal, V., **Jia, Y.**, Gao, N., York, J., Gold-Rosenbach, M., Ginu, N., Arya, R., Patel, J.S. (2025 March). *Leveraging Electronic Data to Identify Oral Care Disparities*. American Association for Dental, Oral and Craniofacial Research/Canadian Association for Dental Research, NY, NY. [Poster presentation]
- Chiou P., Herring P. R., & **Jia Y.** (2024, October). *The quality and performance of essential laboratory healthcare workforce during mergers and acquisitions (M&A)*. American Public Health

Association--Occupational Health and Safety (OHS) Section, Minneapolis, MN. Top 10 best abstract poster competition for New Researchers. [Poster presentation]

- Gottesman, K., **Jia, Y.**, Hillstrom, K., Kuo, T., Robles, B. (2024, October). *Sociodemographic and Health-Related Predictors of Self-Reported Changes in Sitting Time Among a Predominately Hispanic/Latino Student Population at a Large Public University Before and During the COVID-19 Pandemic*. Food and Nutrition Conference and Expo, Minneapolis, MN. [poster presentation]
- Bazon C., Lu W., & **Jia Y.** (2024, July). *Exploring the Interrelationships among Trauma, Religious/Spiritual Struggles, and Substance Use among Emerging and Young Adults*. Stress, Trauma, Anxiety, and Resiliency (STAR) annual meeting, Charlotte, NC. [paper presentation]
- **Jia Y.**, Schenkman M., O Connor H., Jayanna K., Pearmain R., van't Westeinde A. (2024, July). *Validation of the Awareness Atlas – A new Measure of the Manifestation of Consciousness*. Stress, Trauma, Anxiety, and Resiliency (STAR) annual meeting, Charlotte. [Paper presentation]
- Waynor W., **Jia Y.**, J. Feng, Coyne A., & Patel V. (2024, May). *The Role of Hope in Undergraduate Psychiatric Rehabilitation Providers*. Rutgers School of Health Professions (SHP) Research & Scholarship Symposium, online.
- **Jia Y.**, Schenkman M., O Connor H., Jayanna K., Pearmain R., & van't Westeinde A. (2024, April). *The Awareness Atlas – A new Measure of the Manifestation of Consciousness*. American Education Research Association annual meeting, Philadelphia, PA. [Roundtable presentation]
- Amano, T., **Jia, Y.**, & Redding, A. (2023, Nov.) *The dynamic and reciprocal relationship between perceived everyday discrimination and cognitive function in later life*. Gerontological Society of America's 2023 Annual Scientific Meeting, Tampa, FL.
- Coyne, A., Choi, J., Mevawala, J., Feng, J., Waynor, W., & **Jia, Y.** (2023, May). *Examining the relationship between psychiatric rehabilitation attitudes, college self-efficacy, and educational barriers of undergraduate students*. Rutgers School of Health Professions (SHP) Research & Scholarship Symposium, online.
- Brown, L., Bazan, C., Wang, K., Siriram, A., Chong, C., **Jia, Y.**, Srijeanthan, Y., Lu, W., & Parrott, J. S. (2023, May). *Comparison of Posttraumatic Stress Disorder Symptom Structure Models in Trauma Exposed African American and European American Post Secondary Students*. Rutgers School of Health Professions (SHP) Research & Scholarship Symposium, online.
- Burbage A., **Jia Y.**, Hoang T.T. (2023, April). *The Impact of CoI Presence and Self-Efficacy on Modality Favorability in Sustained Remote Learning Environments*. American Education Research Association annual meeting, Chicago



- Jun HJ., **Jia Y.**, & kulo V. (2023, April). *Factors Associated with Faculty Perspectives of Teaching Modality Changes in Professional Education Programs*. American Education Research Association annual meeting, Chicago
- **Jia Y.** & Gesing P. et al. (2023, April). *Transdisciplinary Team Research: Co-constructing Partnerships and Strategies to Explore Professions Education Research Problems*. American Education Research Association annual meeting, Chicago
- Singhal V., Patel J., Gao N., **Jia Y.**, York J., & Gold-Rosenbach M. (2023, March). *Dental Patients with Mental Illness: Automatic Patient Cohort Generation*. Accepted for Interactive Talk Session: AADOCR/CADR Annual Meeting & Exhibition, Portland, USA.
- Amano, T., Reynolds, A., Scher, C. & **Jia, Y.** (2022, Nov.). *Racial/ethnic disparities in the effects of receiving a diagnosis of dementia on social relationships*. 2022 Gerontological Society of America's Annual Scientific Meeting.
- Rothpletz-Puglia, P., **Jia, Y.** (2022, Oct). *Health Professions Students Develop Therapeutic Attitudes Towards Patients when Taught about the Impacts of Trauma on Health and Well-being*. Rutgers Symposium on Diversity, Equity, and Inclusion in Patient Engagement and Healthcare Communication.
- Gottesman K., Garcia S., **Jia Y.**, Robles B., Kuo T., Hillstrom K. (2022, October). *Changes in Physical Activity Levels and Sitting Time Among Predominately Hispanic/Latino University Students Before and One Year Into the COVID-19 Pandemic*. Food and Nutrition Conference and Expo, Orlando, Florida.
- Brown, L., Wang, K., Siriram, A., Lu, W., Srijeanthan, J., **Jia, Y.**, Bazan, C., & Waynor W. (2022, Nov). *Comparison of posttraumatic stress disorder symptom structure models in African American and European American clients receiving public mental health services*. [Poster presentation]. International Society for Traumatic Stress Studies (ISTSS) 38<sup>th</sup> Annual Meeting, Atlanta, GA.
- Wang, K., Siriram, A., Lu, W., Srijeanthan, J., Schultz, E., **Jia, Y.**, & Mueser, K. (2022, Nov). *Complex PTSD among persons receiving community mental health services*. [Poster presentation]. International Society for Traumatic Stress Studies (ISTSS) 38<sup>th</sup> Annual Meeting, Atlanta, GA.
- Rothpletz-Puglia, P., **Jia, Y.**, Newkirk, M., and Morel, L'Horset A. (2022, July). *Development and Pilot Implementation of an Online Trauma-informed Care (TIC) Educational Module for Graduate-level Nutrition Students*. Society for Nutrition Education and Behavior annual meeting.
- Reynolds, A., Amano, T., Scher, C & **Jia, Y.** (2022, June). *Control beliefs following a recent dementia diagnosis: The need for fostering resilience*. Global Conference of Alzheimer's

Disease International, London, United Kingdom.

- de Souza, N., Esopenko, C., **Jia, Y.**, Parrott, J. S., et al. (2022, June). *Latent Neuropsychological Profiles are Better than Structural Neuroimaging Profiles to Differentiating Active-duty Military Service Members with Mild Traumatic Brain Injury and Post-Traumatic Stress Disorder*. 39th Annual Symposium of the National Neurotrauma Society, Atlanta, GA
- Mevawala, J., Feng, J., Alonso, A., Lowrie, E., **Jia, Y.**, & Waynor, W. (2022, May). *A Program Evaluation Undergraduate Education in Psychiatric Rehabilitation*. Rutgers School of Health Professions Student Research & Scholarship Symposium, online.
- Brown, L., Siriram, A., Wang, K., **Jia, Y.**, Waynor, W., Giacobbe, G., & Lu, W.( 2022, May). *Comparison of Posttraumatic Stress Disorder Symptom Structure Models in African American and European American Clients Receiving Public Mental Health Services*. Rutgers School of Health Professions (SHP) Research & Scholarship Symposium, online.
- Siriram, A., Wang, K., Srijeanthan, J., Lu, W., **Jia, Y.**, & Mueser, K.( 2022, May). *Complex PTSD Among Persons Receiving Community Mental Health Services* [Poster presentation]. Rutgers School of Health Professions (SHP) Research & Scholarship Symposium, online.
- Lu, W., Bazan, C., Siriram, A., Leong, A., Wang, K., Srijeanthan, J., Mueser, K., Yanos, P., **Jia, Y.**, & Silverstein, S. M.(2022, April). *Posttraumatic Cognitions Inventory (PTCI): Psychometric Properties in Persons Living with Psychiatric Disabilities and Comorbid PTSD*. NARRTC Conference, Washington, D. C..
- **Jia, Y.**, Spagnolo, A., Luther, S., Barrett, N., Murphy, A., Basto, P. M., & Rothpletz-Puglia, P.( 2022, April). *Validation of a Peer Observation and Evaluation Tool for Teaching*; Paper presented for American Education Research Association annual meeting, San Diego.
- Song, X. & **Jia, Y.**( 2022, April). *Using Latent Growth Mixture Modeling to Detect Group Developmental Differences in Preclinical Medical Education*. Paper presented for American Education Research Association annual meeting, San Diego.
- Sherifi, D., **Jia, Y.**, Hunt, T. J., & Ndanga, M.( 2022, March). *How a PlayPosit Guided Group Project Impacted Online Student Engagement*. 13th Annual Rutgers Online Learning Conference.
- Sherifi, D., **Jia, Y.**, Hunt, T. J., & Ndanga, M.( 2021, July). *Guided Course Projects to Inspire Active Learning*. Virtual AOE21 Assembly on Education Symposium.
- Amano, T., **Jia, Y.**, Reynolds, A., & Scher, C. (2021, July). *The*

*effect of a diagnosis of dementia on social engagement among older adults.* Poster presentation at the Alzheimer's Association International Conference.

- de Souza, N., **Jia, Y.**, Parrott, J. S., Wilde, E., Tate, D., & Esopenko, C. (2021, July). *Latent Cognitive and psychological variables discriminate between Mild Traumatic Brain Injury and Post-Traumatic Stress Disorder in military service members.* Journal of Neurotrauma.
- Wright, M., **Jia, Y.**, Vidal, E., Parrott, J. S. (2021, April). *Flipped classroom improves student learning in health professions education: a comparison study.* American Education Research Association annual meeting, virtual.
- de Souza, N., **Jia, Y.**, Parrott, J. S., Wilde, E., Tate, D., & Esopenko, C. (2021, March). *Differentiating Cognitive and Psychological Latent Profiles in U.S. Military Personnel with Mild Traumatic Brain Injury and Post-Traumatic Stress Disorder.* BRAIN Conference.
- Sherifi, D., **Jia, Y.**, & Hunt, T. J., & Ndanga, M. (2021, Nov.). *Improving student engagement with interactive videos.* Presented at International Symposium on Significant Pandemic Implications on Science, Technology, Humanities & Education.
- Sherifi, D., Hunt, T. J., Ndanga, M., & **Jia, Y.** (2020, Nov). *Improving student engagement with interactive videos.* International Conference -'Teachers Inspiring Students' –An Exchange of Excellence from India & USA", virtual.
- Bazan, C., Lu, W. Leong, A. Mueser, K., Yanos, P., **Jia, Y.**, & Silverstein, S. M. (2020, Nov). *Posttraumatic Cognitions Inventory (PTCI): Psychometric properties in clients with serious mental illness and comorbid PTSD.* Poster presentation at the International Society for Traumatic Stress Studies (ISTSS) 35th Annual Meeting, Boston, MA.
- **Jia, Y.**, & Konold, T.R. (2020, April). *Moving to the Next Level with Doubly Latent Multilevel Mediation Models in School Climate Research.* Paper presented at American Education Research Association, San Francisco.
- **Jia, Y.**, Konold, T.R., & Edwards K. (2019, April). *Doubly latent multilevel mediation models: An illustration of school climate influences on teasing and bullying.* Presented at American Education Research Association, Toronto.
- **Jia, Y.**, Konold, T.R., Edwards K., & Cornell, D. (2019, April). *Doubly latent multilevel mediation models with an illustration of school climate effects on student suspensions.* Presented at American Education Research Association, Toronto.
- Konold, T. R., Cornell, D., **Jia, Y.**, & Malone, M. (2019, April). *Extracting trait variance from multiple informant sources in applications of multilevel structural models.* Presented at

American Education Research Association, Toronto.

- **Jia, Y.,** Konold, T.R., & Cornell, D. (2018, April). *Doubly latent multilevel structural modeling: An illustration of school climate influences on student outcomes*. Presented at American Education Research Association, New York.
- Wei, S., Wang, Q., **Jia, Y.,** & Wang, Z.( 2018, April). *Using Rasch modeling to construct a rating scale for teaching competence of secondary science teachers*. Paper accepted at National Association for Research in Science Teaching, Atlanta.
- Cornell, D., Maeng, J., Huang, F, Konold, T.R., Burnette, A.G., Stohlman, S., **Jia, Y.,** Datta, P., & Malone, M.(2017, Nov.). *Statewide implementation of student threat assessment in Virginia public schools*. Presented at American Society of Criminology, Philadelphia.
- **Jia, Y.,** Konold, T.R., Cornell, D., & Huang, F.(2017, April). *The impact of validity screening on associations between self-reports of bullying victimization and student outcomes*. Presented at American Education Research Association, San Antonio.
- Maeng, J. L., Burnette, A. G., **Jia, Y.,** & Cornell, D.(2017, April). *Student threat assessment as an innovative violence prevention strategy: Results from a statewide implementation study*. Presented at American Education Research Association, San Antonio.
- Wei, S., Wang, Q., **Jia, Y.,** & Zhang, P.( 2017, April). *Developing a model of subject teaching competence based on interviews with secondary science teachers*. Presented at National Association for Research in Science Teaching, San Antonio.
- **Jia, Y.,** & Konold, T.(2017, Feb.). *The association of school climate and student achievement in high school: The mediation role of student engagement*. Presented at Curry Research Conference, Charlottesville.
- **Jia, Y.,** Konold, T., & Cornell, D.( 2016, April). *The role of the informant on associations among school climate, dropout rates, and academic expectations*. Presented at American Education Research Association, Washington D.C.
- **Jia, Y.,** Konold, T., Cornell, D., & Huang, F.(2016, April). *The impact of validity screening on relations between self-reports of bullying victimization and student outcomes*. Presented at Curry Research Conference, Charlottesville.
- **Jia, Y.,** Konold, T., & Cornell, D.( 2015, Feb.). *The relations between school climate and high-school dropout rates*. Presented at Curry Research Conference, Charlottesville.
- Wei, S., Liu, X., **Jia, Y.,** Wu, J.( 2013, April). *Using Rasch measurement to validate the instrument of Students' Understanding of Models in Science (SUMS)*. Paper presented at the National Association for Research in Science Teaching

Annual Conference, Puerto Rico.

- **Jia, Y.**( 2010, Feb.). *Inferiority feelings of the college students in China: A study based on fictional-actual self-discrepancy*. Presented at the 17th Annual GSE Graduate Student Research Symposium, Buffalo.
- **Jia Y. & Li H.** (2009). *Inferiority Feelings of the College Student: A Study Based on Fictional-Actual Self Discrepancy*. Regional Workshop of the International-Society for the Study of Behavioural Development, Nanjing, China.

F. Invited Talk or Workshop

- **Jia Y.** (March 2025). *Beyond Analysis: The Statistician's Leadership Role in Shaping Collaborative Health Research*. Eastern North American Regional branch of the International Biometric Society (ENAR)--Collaborative Statisticians. [Paper presentation]
- Chiou P., **Jia Y.**, & Perez R. (July 2024). *Pathology Laboratory Workforce Wellness and Management*. Invited presentation from Rutgers/Labcorp Research Collaboration.
- Lamba S., **Jia Y.** & Hubble S. (June 2023). *Peer mentoring, Coaching, RCN Panel Discussion on Mentoring Experience*. 2023 School of Health Professions faculty retreat, Rutgers University.
- **Jia Y.** (Sep. 2022); *Development and Validation of a Tool Measuring the Impacts of Online Teaching during the COVID-19 Pandemic*; Teaching Innovative Work in Progress presentation, Rutgers School of Health Professions.
- **Jia, Y.**, Parrott, J. S., Rothpletz-Puglia, P., Wright, M., & Rubinstein, M. (June 2022). *Educational Research: Examples from SHP faculty*. 2022 School of Health Professions faculty retreat, Rutgers University.
- Kim, L. P., Parrott, J. S., Rothpletz-Puglia, P., & **Jia, Y.**( Nov. 2021 to Jan. 2022). *MSST Project Optimizer Scholarship Initiative*. Co-hosted four MSST Project Optimizer workshops for SHP faculty.
- **Jia, Y.**(Oct. 2021). *Integrating Research with Teaching; Teaching Innovative Work in Progress presentation*. School of Health Professions, Rutgers University.
- Kim, L. P., Parrott, J. S., Rothpletz-Puglia, & **Jia, Y.**(Sep. 2021). *Increasing Your Scholarly Productivity: Tools and Skills for Academic Researchers*. New Jersey Alliance for Clinical and Translational Sciences (NJ ACTS) training series webinar presentation.
- **Jia, Y.** (March 2019). *Innovations in Quantitative Methods: Applications to the Study of School Climate and Student Outcomes*. Presented at Rutgers School of Health Professions, Rutgers University.

G. Technical Reports

- Cornell, D., Maeng, J., Konold, T., Huang, F., Debnam, K., Edwards, K., **Jia, Y.**, Stohlman, S., Crowley, B., Crichlow-Ball, C., Ruffa, B. (2021). *Improvement of School Climate Assessment in Virginia Secondary Schools: Final Technical Report*. Charlottesville, VA: School of Education and Human Development, University of Virginia.
- Cornell, D., Maeng, J., Huang, F., **Jia, Y.**, Edwards, K., Crowley, B., Stohlman, S., Crichlow-Ball, C., Burnette, A.G., & Konold, T. (2019). *Technical report of the Virginia Secondary School Climate Survey: 2019 results for 6<sup>th</sup>–8<sup>th</sup> grade students and school staff*. Curry School of Education, University of Virginia, Charlottesville, VA.
- Cornell, D. Huang, F., **Jia, Y.**, Maeng, J., Malone, M., Burnette, A.G., Stohlman, S., Crowley, B., Konold, T., & Meyer, P. (2018). *Technical Report of the Virginia Secondary School Climate Survey: 2018 Results for 9<sup>th</sup>–12<sup>th</sup> Grade Students and School Staff; OJJDP-Sponsored*. Curry School of Education, University of Virginia, Charlottesville, VA
- Cornell, D. Huang, F., Konold, T., Shukla K., Malone, M., Datta, P., **Jia, Y.**, Stohlman, S., Burnette, A.G., & Meyer, P. (2017). *Development of a Standard Model for School Climate and Safety Assessment*. Curry School of Education, University of Virginia, Charlottesville, VA.
- Cornell, D., Maeng, J., Stohlman, S., Burnette, A.G., & **Jia, Y.** (2017). *Virginia Student Threat Assessment Guidelines: Research Review*. Curry School of Education, University of Virginia. Curry School of Education, University of Virginia, Charlottesville, VA.
- Cornell, D. Huang, F., Konold, T., **Jia, Y.**, Malone, M., Burnette, A.G. Datta, P., Meyer, P., Stohlman, S., & Maeng, J.(2017). *Technical Report of the Virginia Secondary School Climate Survey: 2017 Results for 6<sup>th</sup>–8<sup>th</sup> Grade Students and School Staff*. Curry School of Education, University of Virginia, Charlottesville, VA (Endorsed by the National Center on Safe Supportive Learning Environments, American Institute for Research).
- Cornell, D., Huang, F., Datta, P., Malone, M., **Jia, Y.**, Burnette, A.G., Shukla, K., Konold, T., & Meyer, P.(2016). *Technical Report of the Virginia Secondary School Climate Survey: 2016 Results for 9<sup>th</sup>–12<sup>th</sup> Grade Students and School Staff*. Curry School of Education, University of Virginia, Charlottesville, VA.
- Cornell, D., Maeng, J., Burnette, A.G., Datta, P., Huang, F., & **Jia, Y.** ( 2016). *Threat Assessment in Virginia Schools: Technical Report of the Threat Assessment Survey for 2014-2015*. Curry School of Education, University of Virginia, Charlottesville, VA.
- Cornell, D., Huang, F., Shukla, K., Heilbrun, A., Datta, P.,

Malone, M., Jia, Y., Konold, T., & Meyer, P. (2015). *Technical Report of the Virginia Secondary School Climate Survey: 2015 Results for 7th–8th Grade Students and School Staff*. Curry School of Education, University of Virginia, Charlottesville, VA.

## **MEMBERSHIPS, OFFICES AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES:**

*Eastern North American Region of the International Biometrics Society*  
Member 2024-Present

### ***American Education Research Association (AERA)***

- Co-Chair of 2026 program planning of Division I: Education in the Professions 2025-2026
- Member of the Palmer O. Johnson Memorial Award Committee of the AERA 2025-2027
- Member and Reviewer of AERA SIG-Stress, Coping, and Resilience 2024
- Grant Committee Member of Division I: Education in the Professions 2023-Present
- Member of AERA Structural Equation Modeling SIG 2022-2023
- Co-leader of a national research group in the Teaching and Learning committee of Division I 2021-2024
- Member and Reviewer of Division I: Education in the Professions 2019-Present
- Member of AERA Division D: Measurement and Research Methodology 2016-Present

*Council of Graduate Schools Member* 2019-2020

## **SERVICE ON JOURNALS/PUBLICATIONS:**

### **A. Journal Reviewer**

*Pedagogy in Health Promotion*, 2025  
*Journal of Mixed Methods Research*, 2025  
*BMC Medical Education*, 2024  
*Cureus*, 2024  
*Journal of School Leadership*, 2024  
*AERA Open*, 2023  
*Journal of Nutrition Education and Behavior*, 2023  
*Frontiers in Psychology*, section Educational Psychology, 2023-Present  
*MDPI Applied Sciences*, 2022- Present  
*MDPI International Journal of Environmental Research and Public*

*Health, 2022- Present*  
*MDPI Behavioral Sciences, 2022- Present*  
*MDPI Healthcare, 2022- Present*  
*School of Psychology Review, 2022- Present*  
*Frontiers in Psychology, section Quantitative Psychology and Measurement, 2022- Present*  
*Frontiers in Education, section Higher Education, 2022- Present*  
*Frontiers in Education, section Teacher Education, 2022- Present*  
*Frontiers in Education, section Educational Psychology, 2022- Present*  
*Frontiers in Education, section Special Educational Needs, 2022- Present*  
*Frontiers in Education, section Assessment, Testing and Applied Measurement, 2021- Present*  
*Career Development and Transition for Exceptional Individuals, 2021*  
*FIRE: Forum for International Research in Education, 2021*  
*European Journal of Investigation in Health, Psychology and Education, 2021*  
*Mathematical and Computational Applications, 2020*  
*Journal of School Violence, 2020-Present*  
*Tobacco Prevention & Cessation, 2019*  
*Policy Futures in Education, 2018 - 2019*  
*Child Development, 2018*

**B. Conference Reviewer**

*American Education Research Association (AERA) annual meeting proposals review for Division I 2020-Present*  
*American Education Research Association (AERA) annual meeting proposals review for Division D 2018-Present*  
*University of Virginia Curry School of Education Research Conference proposals review 2015, 2018*

**C. Grant Reviewer**

*AERA Division I Research Grant proposal review 2021- Present*

**D. Journal Editorial Board**

*Frontiers in Education, Assessment, Testing and Applied Measurement 2021-Present*

**SERVICE ON SCHOOL COMMITTEES:**

*Co-Chair School of Health Professions Scholarship of Teaching and Learning Lab Initiative 2024-present*

*Rutgers School of Health Professions Faculty Development Committee Chair 2023-2024*

*Rutgers School of Health Professions 2025-30 Strategical Plan Survey Team 2023-2024*



*Rutgers School of Health Professions Faculty Development Committee*  
2020-2025

*University of Virginia Curry RSE program Faculty Search* 2019

**SERVICE ON UNIVERSITY DEPARTMENT/PROGRAM COMMITTEE:**

*Rutgers Biomedical and Health Sciences Faculty Council* 2023-2025

**SERVICE TO THE COMMUNITY:**

*Livingston Collins Elementary School Equity Committee* 2021- 2022

*Living Stone Christian Church Sunday School Teacher* 2020 - Present

*Living Stone Christian Church fellowship group Co-leader*  
2019 - Present

*Living Stone Christian Church Childcare, Interpreter* 2019 - 2020

*Grace Faith Chinese Church Interpreter, Childcare* 2018 - 2019

**PROFESSIONAL TRAINING**

- 2023-2024 Rutgers Biomedical and Health Sciences (RBHS) OASIS Leadership & Professional Development program
- 2022-2023 Rutgers Biomedical and Health Sciences (RBHS) Peer Coaching Program
- 2020-2021 RBHS Faculty AEM (Advancement through Engagement and Mentoring) Program
- 2020-2021 Rutgers Connection Network (RCN) Mentoring Program

**MENTORING OF STUDENTS FOR UNDERGRADUATE RESEARCH:**

- Mentor to undergraduate student (Tyler Hansen, School of Arts and Sciences, Mathematics department) on an educational research project; 2023
- A study on middle school chemistry teachers' perceptions of teaching competencies; 2016; Yuexia Hu; advice on research design and data analysis
- A study on the developmental pathway of teaching competencies of middle school chemistry teachers: Based on close interviews of ten outstanding chemistry teachers; 2016; Feixia Chen; advice on research design, data collection, analysis and interpretation
- An investigation on subjective factors influencing high school students' questioning awareness; 2006; Bijiang Liang; advice on research design, data collection, and quantitative analysis

**MENTORING of GRADUATE STUDENTS FOR PROJECTS:**

- Factors related to Dental Quality of Life with people living with serious

- mental illness, 2024-. Naja Hill & Danielle Losonci; NIDILRR Project: Positive Oral Health Experiences for People with Serious Mental Illness*
- *Retrospective insights of chatbot outreach: Identifying strategies to address value-based care Gaps, 2024 Spring-ongoing. Jincy Chacko; Rutgers School of Health Professions dissertation committee member*
  - *Profiles of spiritual wellness in a multidimensional wellness model for people with SUD and the implications for clinical practice, 2024-; Adam Zaher; Rutgers School of Health Professions dissertation committee member.*
  - *Developmental mathematics in postsecondary education in college students with and without disabilities, 2022 -2025; Cristhian Altamirano; Rutgers Graduate School of Education dissertation committee member.*
  - *Exploring the interrelationships among spiritual struggles, posttraumatic stress disorder and substance use disorder among emerging and young adults, 2022 -2024; Carolyn V. Bazan; Rutgers School of Health Professions dissertation committee member.*
  - *Exploring Phenotypes for Predicting Optimal Body Weight and Survival in Hemodialysis, 2022-ongoing; Neil Mistry; Rutgers SHP Dean's seed grant.*
  - *Music therapists' attitudes toward recovery models and the effectiveness of specific music therapy interventions within psychiatric rehabilitation models, 2022 -; Sarah Pitts, Rutgers School of Health Professions dissertation committee member.*
  - *Mentor to master student research project--Comparison of Posttraumatic Stress Disorder Symptom Structure Models in African American and European American Clients Receiving Public Mental Health Services; 2022-2023; Ke Wang*
  - *California State LA Health During the COVID-19 Pandemic Student Survey Project; 2022-2023; Sandy Garcia, data management and statistical analyses.*
  - *A Program Evaluation Undergraduate Education in Psychiatric Rehabilitation; 2022; Janki Mevawala & Jennifer Feng; advice on poster presentation for Student Research & Scholarship Symposium*
  - *Nutritional Status in Childhood Cancer Survivors; 2021; Nancy Sacks; Rutgers School of Health Professions dissertation committee member.*
  - *Mentor to master student research project--Posttraumatic Cognitions Inventory (PTCI): Psychometric Properties in Clients with Serious Mental Illness and Co-Occurring PTSD; 2021-2023; Amanda Siriram*
  - *Positive PTSD Screening in Integrated Primary Care Settings and Health Correlates; 2020; Deanna Bullock; advice on her Research Council Grant project, data management and statistical analyses.*
  - *The Latent Class Analysis on Military Personnel Being Treated for TBI to identify subtypes of patients with head trauma; 2020 – 2022; Nicola De Souza; advice on doctoral dissertation project, statistical analyses.*
  - *Association between adolescent's cardiometabolic risk profile and*

*participation in a pediatric weight management program; 2019 – 2021; Deborah Salvatore; Rutgers School of Health Professions dissertation committee member.*

- *Using Rasch modeling to develop an instrument for measuring secondary chemistry teachers' teaching performance; 2016 – 2017; Qiaoli Wang; advice on scale development, statistical analysis, and thesis writing*
- *A study on the construction of teaching competency model for secondary school chemistry teachers; 2015 - 2016; Huaqiang Lu; advice on the development of interview protocol, survey question writing, and factor analysis*
- *Using a computer-based model to develop student understanding of "Galvanic Cell"; 2014; Henglu Zhang, advice on scale translation and validation*

## **TEACHING RESPONSIBILITIES:**

### **a. Primary Instructor (Graduate)**

Rutgers University

***IDST 6121 Data Analysis & Interpret*** (across 4 departments), 3 credits, 2020 Spring, 2020 Fall, 2021 Spring, 2021 Fall, 2022 Spring, 2022 Fall, 2023 Spring, 2023 Fall, 2024 Spring, 2024 Fall, 2025 Spring, 2025 Fall

***IDST 5350 Evaluation and Assessment***, 3 credits, 2020 Summer, 2021 Summer

***IDST 6200 Research Methods for the Health Science***, 3 credits, 2020 Spring, 2024 Spring (new development)

### **b. Co-Instructor (Graduate)**

Rutgers University

***PHYA 4140 Scientific Inquiry*** (Physician Assistant), 1 credit, 2020 Fall

***IDST 6121 Data Analysis & Interpret***, 3 credits, 2019 Fall

***IDST 5140 Teaching in the Health Professions***, 3 credits, 2019 Fall

University of Virginia

***EDLF 7420 Experimental Design & Statistical Analysis Stat II***, 3 credits, 2016 Fall, 2017 Fall

***EDLF7420 Quantitative Methods II: General Linear Models***, 3 credits, 2018 Fall, 2019 Spring

***EDLF 8350 Multivariate Statistics***, 3 credits, 2017 Spring, 2018 Spring