

Claire (Hungtzu) TAI

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EDUCATION

The University of Edinburgh – Edinburgh, United Kingdom Ph.D. candidate in Clinical Psychology	Expected in Aug. 2023
University of Pennsylvania – Philadelphia, PA M.S.Ed, major in Interdisciplinary Studies of Human Development– Graduate School of Education Certificated in Social, Cognitive, Affective Neuroscience – Center of Neuroscience and Society	Finished in May. 2020 GPA: 3.86
Beijing Normal University (BNU) – Beijing, China B.A. Ed, major in Education of Children with Special Needs, –School of Education Minor in Psychology - School of Psychology	Finished in Jun. 2018 GPA: 3.92
The University of Edinburgh – Edinburgh, United Kingdom Summer School of Comparative Approaches to Inclusive and Special Education - Moray House School of Education	Finished in Jul. 2017

PUBLICATIONS

- Dukes, D., et al. (2020). Introducing the COVID-19 crisis Special Needs Coping Survey. *Journal of Autism and Developmental Disorders*. (Under Review)
- Tai, H., & Liu, J. (2020). Omega-3 Supplementation, Cognitive Behavior Therapy, and Internalizing Behavior in Early Adolescents with Reactive-Aggression Tendency. In progress.
- Cheng, L., Zhu, M (co-first author), Tai, H., Duan, D., Tinio, Lubart, T., Tordjman, S. (2020). The Relationship between Early Childhood Environment and Creative Potential among Chinese Children from Low-SES Families. In progress.
- Phan, M., et al. (2020). A systematic review on mindfulness-based interventions for schools: searching for quality not quantity. In progress.
- Cheng, L., Dai, H. (Tai, H), Tordjman, S., Ma, J., Xu, D. (2016). On the effect of early family environment on the development of supernormal children's creativity. *Chinese Journal of Special Education*, 11, 32-37.

PRESENTATIONS

- Liu, J., Tai, C (Tai, H), Raine, A., Richmond, T. (2020). Social Adversity, Blood Lead Level, and Behavior Problems for Young US Adolescents. Poster presentation in *ISEE (International Society for Environment Epidemiology) International Conference*, Aug 23-23, 2020, Washington DC, USA.
- Tai, H., & Liu, J. (2019). Adverse Prenatal Factors Associated with Early Adolescent Delinquency: Implications for Prenatal Interventions. Poster presentation in *AAPINA (Asian American/ Pacific Islander Nurses Association) and TWNA (Taiwan Nurses Association) Joint International Conference*, Aug 15-17, 2019, Taipei, TW.
- **Students research team** of Possibility Mentoring. *40th Ethnography in Educational Research Forum*: Fostering Student Agency and Optimal Development through Possibility Mentoring at the McCall School. Student Presenter, Feb 23, 2019, Philadelphia, PA
- Cheng, L, Dai, H. (Tai, H), Zhu, M., Tordkman, S. (2016). Role of early family environment in development and expression of High Creative Potential in Chinese Low-SES Children. Keynote Presentation on *International Congress of Psychology (ICP)* held by International Union of Psychology Science (IUpSyS), Jul 24-29, 2016, Yokohama, JP.

RESEARCH EXPERIENCE

- **Penn Center for Mental Health, Perelman School of Medicine** Philadelphia, PA Sep.2019 – Jun.2020
Supervised by Dr. Heather Nuske
–**Research Assistant at Center for Autism Research, Children Hospital of Philadelphia** Oct.2019 – Jun.2020
 - Scored data from Vineland Adaptive Behavior Scales-Third edition for 55 children with autism
 - Coded challenging behavior (such as aggression, self-injury, or other disciplinary behavior) of children with autism

- Research Assistant of the Measuring Bodily Emotional Stress (MBES) Project** *Sep.2019 – Jun.2020*
 - Recruited and scheduled children with autism and used three wearable devices to test their heart rate under stress conditions
 - Observed participants’ behavior during the stress condition test and provided for possible explanations of low reliability
- **School of Nursing, University of Pennsylvania – Research Assistant** *Philadelphia, PA Feb.2019 – May.2020*
Supervised by Dr. Jianghong Liu
 - Research Assistant of the Health, Brain, and Behavior (HBB) Project**
 - Analyzed data on the relationship between lead exposed level and behavior outcomes from Adult Self-Report (ASR), Child Behavior Checklist (CBC), Pittsburgh Sleep Quality Index (PSQI), and Beck Depression Inventory (BDI)
 - Used SPSS to analyze the longitudinal nutrition intervention effect on Internalizing behavior of early adolescent and to examine the moderator effect of family environment
 - Performed Sobel test with SPSS to exam the mediation effect of sleep quality on lead exposure and depression score
 - Collected and translated relevant Chinese information for grant writing on Health, Brain, and Behavior project
 - Wrote paper for the HBB nutrition intervention: using omega-3 to reduce internalizing behavior in aggressive children
 - First Poster Presenter for “Prenatal Factors and Early Adolescent Delinquency” Project**
 - Used SPSS to analyze data on the relationship between early adolescent behavior and prenatal events collected from the Prenatal Life Events Scale, and the revised Lewis Murray Scale
 - Analyzed data of adolescent behavior with self-report and parent-report scales such as Conduct and Oppositional Defiant Disorder Questionnaire (parent and child report), Antisocial Process Screening Device (parent and child report), Child Behavior Checklist (parent report), and Youth Self Report
 - Made and presented poster in Asian American/ Pacific Islander Nurses Association (AAPINA) and Taiwan Nurses Association Joint International Conference (TWNA), Aug 15-17, 2019, Taipei, TW
- **Character Lab, University of Pennsylvania – Research Assistant** *Philadelphia, PA Sep. 2018 – Sep.2019*
Supervised by Dr. Kyla Haimovitz and Dr. Angela Duckworth
 - Research Assistant of the SAT Self-Control Strategy Project** *Sep. 2018 – Dec.2019*
 - Analyzed data with SPSS on high school students’ SAT scores and their self-control strategies
 - Used Microsoft Office software (Word, Excel) to do plots and tables for the data presentation
 - Conducted literature searching on high-school students’ self-control strategies
 - Designed GRE test sample questionnaire on Qualtrics software
 - Research Assistant of the Failure and Intelligence Mindset Project** *Jan. 2018 – Jun.2019*
 - Cleaned and analyzed data from students’ mindset questionnaire with a sample size of 1116 high school students on SPSS
 - Analyzed interaction effect between Failure mindset and intelligence mindset under different conditions (e.g. failing/success condition and teachers support/teachers-not-support condition) on SPSS
- **Graduate School of Education, University of Pennsylvania** *Philadelphia, PA Sep. 2018 – May.2020*
– **Teaching Assistant of Family Therapy** *Jan. 2019 – Jun. 2019*
Supervised by Jay Lappin, MSW, LCSW
 - Wrote notes in class of Advance Group and Family therapy, including additional sources the lecturer mentioned
 - Helped with class content and electronic devices
 - Collected questions and feedbacks from students and reported to the lecturer
- **Research Assistant of The Possibility Project** *Oct. 2018 – May.2020*
Supervised by Dr. Michael Nakkula
 - Mentored with 9 children (3 children per section) in McCall Elementary School for 90 minutes (3 sections) weekly
 - Conducted various activities such as peer counselor role play and skill scan evaluation for children, aiming at helping the children to pursue for their interests and dream jobs
 - Wrote case studies, action research summary, and weekly research memo for 9 mentees
 - Attended weekly research meeting guided by Dr. Michael Nakkula

- **Department of Special Education, Beijing Normal University** *Beijing, China* *Sep. 2014 - Jun. 2018*
Supervised by Dr. Li Cheng
 - **Project Leader of Chinese Migrant Children and Creativity** *May. 2016 - Aug. 2017*
 - Funded by the Ministry of Education, China
 - Led a nine-member team to conduct a mixed-method research on early reading environment and children’s creativity
 - Used EPoC (Evaluate Potential of Creativity) to evaluate creativity of 280 migrant children from their drawings/stories
 - Contacted two migrant schools in Beijing and Anhui, gained 100% parental consent and conducted 30-minute phone-based interview with 280 parents through Questionnaire of Reading Environment
 - Used correlation analysis to reveal relationship between creativity and reading environment
 - **Research Assistant of International Collaborating Program on Low-SES Family** *Oct. 2015 - Sep. 2017*
 - Collaborated with Université Paris Descartes on an international study comparing intelligence and creativity of Gifted and non-gifted children from Low SES Family
 - Conducted EPoC and WISC IV to test children’s intelligence and creativity, respectively
 - Tested 72 children among 320 children from Beijing Low-SES families with WISC for 108 hours
 - **Research Assistant of Handbook of Early Intervention, 2nd edition** *Feb. 2018 – Jun. 2018*
 - Developed catalog and framework of the 2nd edition of Handbook of Early Intervention for children with special needs
 - Renewed literature and relevant context on theories and latest studies of early intervention for children with special needs
 - **Specialist Assistant of The Anhua Special School** *May. 2015 – Jun. 2018*
 - Assisted Dr. Eduardo Sanchez, invited scholar of Chinese Government and the supervisor of Anhua, to conduct interventions for children with autism
 - Evaluated intervention practice of four senior teachers on 45 children with severe autism syndrome through classroom observations and discussions with school principals and Dr. Sanchez

VOLUNTEERING EXPERIENCE

- **–Teaching Assistant – Xipei Special School** *Oct. 2017-Nov.2017*
 - Taught Chinese based on picture book stories and art class for 8 children with special needs according to their IEP
 - Helped conducting one-hour sports training based on IEP for 16 children every morning
- **Leader - Left-Behind Children Volunteering Program** *Beijing, China* *Sep.2014 - Jun. 2017*
 - Devoted one-on-one help to four left-behind children with academic and emotion support for 296 hours in three years
 - Organized 60 weekly activities to establish one -on- one relationship between 25 volunteers and 25 children at each time, such as ball games, handicrafts, and homework tutoring
 - Matched 200 pairs of volunteers and children according to children’s interests and needs
 - Trained 100 volunteers monthly on skills working with children, such as how to interact with children with trauma history and how to establish good relationship with children
- **Class Designer - Rural Volunteer Teaching Program** *Gansu, China* *Apr.2014 - Jul. 2014*
 - Taught Story-Telling, Music, Art and Speech courses for 25 preschoolers in Tuan Zhuang village and nearby area
 - Gathered sponsorships and donated more than 30,000 RMB and over 3,000 story books to set up a school library
 - One on one Interviewed with families of 25 students and gave suggestions to each of the family based on their special needs

HONORS AND REWARDS

- Professional Student Travel Grant Award, University of Pennsylvania *Sep. 2019*
- Merit Scholarship, Graduate School of Education at University of Pennsylvania *Aug. 2018*
- Outstanding Graduate Rewards in Beijing Normal University, BNU *Jun. 2018*
- National Funded Projects Award (Undergraduate Department), Ministry of Education of China. *Dec. 2017*
- China National Scholarship, Ministry of Education of the People’s Republic of China *Oct. 2017*
- Charity Scholarship of Shanghai ZHIMEI Foundation, Shanghai *Nov. 2015*
- First Academic Scholarship, BNU *2015 – 2017*

- First Place of National Scholarship for Taiwan Students *2014 – 2017*
- The Best Student Rewards in Beijing Normal University, BNU *2014 – 2016*
- Top 10 volunteer in Beijing Normal University, BNU *2014 – 2015*

ADDITIONAL SKILLS

- Proficiency with Microsoft Office Software, and Adobe
- Research: Advanced with statistics software: SPSS(advanced), Amos(advanced), R (advanced)
- Research Training: Collaborative Institutional Training Initiative (CITI) certificated in Human Subject Research Protections-Social and Behavioral Research
- Assessment: WISC-IV (Wechsler Intelligence Scale for Children), EPoC (Evaluate Potential of Creativity), Adult Self-Report (ASR), Child Behavior Checklist (CBC), Pittsburgh Sleep Quality Index (PSQI), and Beck Depression Inventory (BDI)
- Language: English (Proficient), Mandarin (Native), Japanese (intermediate)