Kecen Pu

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EDUCATION BACKGROUND

Teachers College, Columbia University New York, NY
Master of Arts in Psychology: Developmental – GPA: 4.0 / 4.0 *Sep. 2023 - May. 2025 (expected)*
Beijing Normal University Beijing, China
Bachelor of Science in Psychology – GPA: 3.77 / 4.0 *Sep. 2019 - Jun. 2023*

PUBLICATIONS

Zhang, F., **Pu, K.,** Flournoy, T., & Hu, Y. (2023). Daytime and Bedtime Phone Use and Sleep Latency among College Students: An Actigraphy-based Daily Diary Study. (Manuscript submitted for publication)

Pu, K., Oh, E., & Gordon, P. (2024). The Effect of Input Language on Number Processing: A Study Based on Chinese-English Bilinguals. (Manuscript in preparation)

CONFERENCE PRESENTATIONS

Alomar, J., …**Pu, K.,** & Quinn, L. (2024, September 27 - October 1). *The Spatiotemporal Characteristics of Floor Sitting Rising in Parkinson's Disease (PD)* [poster presentation]. International Congress of Parkinson's Disease and Movement Disorders, Philadelphia, PA, USA.

RESEARCH EXPERIENCE

Language and Cognitive Neuroscience Laboratory, Teachers College, Columbia University Oct. 2023 - present
Research Assistant, mentored by Professor Peter Gordon *New York, NY*
- Facilitated setup for a pilot study on differences of number processing in distinct language contexts using PsychoPy
- Coded Electroencephalogram (EEG) experiment programs using E-Prime 2.0 and Net Station
- Performed participant information input, administration of experiment, and preliminary data analysis

Neuroscience Rehabilitation Laboratory, Teachers College, Columbia University Feb. 2024 - present
Research Assistant, mentored by Professor Lori Quinn *New York, NY*
- Participated in weekly group meetings and periodic lab rotation training
- Assisted experiment on investigating biomedical mechanisms underlying the difference in sitting and walking movements of Parkinson's Disease patients and normal people
- Received training in how to use REDCap and motion capture device (i.e., Vicon) in biomedical experiments

Social Psychology Laboratory, Peking University Oct. 2021 - Mar. 2023
Research Assistant, mentored by Professor Tonglin Jiang *Beijing, China*
- Conducted data crawling of global databases (e.g., World Values Survey, American Community Survey)
- Validated a cross-lagged model between nostalgia and meaning in life using sem package in RStudio and SPSS
- Performed participant management and material collection for a daily intervention experiment related to awe and loneliness

Dyslexia and Phonology Laboratory, Beijing Normal University Mar. 2020 - Dec. 2022
Research Assistant, mentored by Professor Xiangping Liu *Beijing, China*
- Conducted exploratory studies on phonological binding and processing mechanism of dyslexia children
- Compiled a dyslexia assessment questionnaire with team members by comparing and modifying existing domestic assessment questionnaires
- Screened children from primary schools in Beijing for dyslexia through tests such as shape and sound binding
- Assisted doctoral students with Electroencephalogram (EEG) experimental environment setup

Health Dynamics Laboratory, Beijing Normal University Feb. 2022 - Sep. 2022
Student Researcher, mentored by Professor Yueqin Hu *Beijing, China*
- Validated the dynamic structural equation model of affects and Big Five traits with Mplus statistical modeling
- Collaborated with the supervisor to put forward that external environment may be one source of personality stability
- Acquired data collection methods (e.g., daily diary) and data analysis methods for intensive longitudinal studies

PROJECTS

A Construal Level Theoretical Model of Health Behavior Change   Nov. 2022 - May. 2023
Student Researcher   *Beijing, China*

- Conducted a 4-week longitudinal study on the mediating role of self-control between construal level and health behavior change with 60 participants
- Examined structural equation model with Mplus and validated intention as a strong predictor of behavior
- Resulted in bachelor's thesis manuscript entitled *A Preliminary Exploration of Construal Level Theoretical Model of Health Behavior Changes*

Daytime and Bedtime Phone Use and Sleep Latency among College Students   Oct. 2021 - May. 2022
Student Researcher   *Beijing, China*

- Conducted data analysis using bruceR, lme4 packages in RStudio with multilevel modeling in exploring the mechanisms of mobile phone use on sleep latency
- Used stress coping strategies to link mobile phone use to sleep latency and focused on the effects of self-blame as a maladaptive coping strategy
- Distinguished and concluded the differences between between-individual and within-individual results
- Composed a paper entitled *Daytime and Bedtime Phone Use and Sleep Latency among College Students: An Actigraphy-based Daily Diary Study* as second author

INTERNSHIP EXPERIENCE

Beijing Xiangping School of Psychological Education and Training   Sep. 2020 - Dec. 2020
Experimenter Intern   *Beijing, China*

- Conducted tests and assessments as an experimenter for dyslexia children
- Administered one-on-one assessments on children with tests such as Raven's Progressive Matrices
- Divided participants into four categories according to the scores of the tests and the diagnostic criteria of ADHD: no ADHD, AD in ADHD, HI in ADHD, and CT in ADHD

VOLUNTEER EXPERIENCE

The 4th Annual Community Health Fair   May. 2024
Volunteer, Reported to School Official Lori Quinn   *New York, NY*

- Helped in hosting community health fair to disseminate knowledge on Parkinson's disease and movement disorders
- Provided basic medical screening and health tools for community members

Shanxi Yangquan Experimental Middle School Education Program   Aug. 2021
Volunteer, Reported to School Official Yangliu Sun   *Beijing, China*

- Demonstrated psychological knowledge to junior high school students in rural areas
- Led group discussions in class, provided students with unconditional positive attention, and counseled students about difficulties they face in life and at school
- Introduced emotional regulation strategies such as acceptance and cognitive reappraisal
- Gained a deeper understanding of educational equity

Chengbu No.1 Middle School Pen Pal Project   Apr. 2021 - Jun. 2021
Volunteer, Reported to School Official Yangliu Sun   *Beijing, China*

- Counseled middle school students and gained a deeper insight into individuals in different social structure (i.e., the Hmong Autonomous County)
- Conducted in-depth one-on-one counseling with high school students

SKILLS

Technical Skills: SPSS, R, Mplus, MATLAB, JavaScript, PsychoPy, E-Prime
Language: English, Chinese Mandarin