

Taehwan Ian Kim

1051 Riverside Drive, Suite 3534, New York, NY 10032
(917) 455-2798, tk2725@cumc.columbia.edu

EDUCATION

- 08/2014 - 05/2016 **M.A. Psychology**
New York University, New York, U.S.
- Thesis: The neural substrates of specific and general aversive motivation
Readers: Campese, V. D., Moscarello, J. M., LeDoux, J. E.
- 02/2010 - 07/2014 **B.A. British & American Language and Literature**
Sogang University, Seoul, South Korea

POSITIONS AND EMPLOYMENT

Research

- 07/2016 - present **Laboratory Technician, Division of Experimental Therapeutics**
Columbia University Medical Center - New York State Psychiatric Institute
PI: Dan Javitt, MD PhD, Supervisor: Pejman Sehatpour, MD PhD
- EEG
Running EEG (Brainvision, Presentation, Matlab) and analyzing EEG data (Matlab - EEGLab + ERPLab, Python) with multiple tasks that use the mismatch negativity paradigm to investigate differences in schizophrenic, prodromal, and healthy control populations
 - Programming
Converting and coding experimental tasks in multiple software (ANT-Excel, Matlab-Psychtoolbox)
 - IT
Assisting in maintenance and troubleshooting for the local EEG data server, workstation, and task computers
Maintenance of Access database
 - Administrative/Coordination
Managing PC funds for the Oscillations project
- 01/2017 - present
02/2015 - 06/2016 **Research Assistant, LeDoux Lab**
New York University, Center for Neural Science
PI: Joe LeDoux, PhD, Mentor: Vinn Campese, PhD
- Studied aversive motivation in rodents using the Pavlovian-to-instrumental transfer paradigm
 - Experience in running behavior, stereotaxic surgery, pharmacogenetics, and immunohistochemistry
 - Helped mentor other research assistants, including a CNS summer undergraduate research program student
 - Follow-up behavioral work and manuscript preparation

- 02/2015 - 01/2016 **Research Assistant, Poeppel Lab**
New York University, Department of Psychology
 PI: David Poeppel, PhD, Mentor: Adeen Flinker, PhD
- Worked on speech perception and hemispheric asymmetries in speech processing
 - Ran behavioral psychophysics experiments and used Matlab for signal processing and data analysis
 - Presented posters at the NYU MA research conference as well as the Society for the Neurobiology of Language conference

Teaching

- Spring 2017 **Adjunct Instructor - Course Grader**
Department of Psychology, New York University
 Introduction to Psychology, Professor Amy Belfi
- Fall 2016 **Adjunct Instructor - Course Grader**
Department of Psychology, New York University
 Introduction to Psychology, Professor Elizabeth Phelps
- Spring 2015 **Teaching Assistant - Recitation Leader**
Department of Psychology, New York University
 Introduction to Psychology, Professor Elizabeth Phelps
- Fall 2013 **Undergraduate Teaching Assistant**
Department of English, Sogang University

PUBLICATIONS

Conference Presentations

- 10/2015 **Kim, T. I.**, Mei, N., Poeppel, D., & Flinker, A. *A new acoustic space for hemispheric asymmetries investigated by dichotic listening*. Presented poster at Society for the Neurobiology of Language.
- 09/2015 Campese, V. D., **Kim, T. I.**, & LeDoux, J. E. *Prefrontal regulation of Locus Coeruleus flips the switch between reaction and action*. Poster presentation submitted at Pavlovian Society.
- 04/2015 **Kim, T. I.**, Poeppel, D., & Flinker, A. *Investigating the spectrotemporal modulations of speech*. Presented poster at NYU MA Research Conference.

AWARDS AND HONORS

- 04/2016 NYU Threesis Semi-finalist
- 10/2015 NYU MA Travel Award (\$500)
- 08/2015 **NYU GSAS Dean's Student Travel Grant (\$500)**
- 04/2015 **NYU MA Poster Conference, First Place**

08/2013 Sogang Outstanding Writing Award

SERVICE, OUTREACH, AND NON-ACADEMIC WORK

08/2015 **Orientation Panelist and Group Facilitator**
Graduate School of Arts and Science, New York University
Representative for the MA Psychology program

04/2015 **Trevor Brain Fair, Trevor Day School**
Poeppel Lab, Neuroscience Outreach Group at NYU

08/2011 - 05/2012 **Personnel Manager, Republic of Korea Army**
Mandatory military service

REFERENCES

Vincent Campese, PhD
vc42@nyu.edu
Joseph LeDoux, PhD
jel1@nyu.edu

Adeen Flinker, PhD
af137@nyu.edu
David Poeppel, PhD
dp101@nyu.edu

Pejman Sehatpour, MD PhD
sehatpo@nyspi.columbia.edu
Daniel Javitt, MD PhD
javittd@nyspi.columbia.edu