

Ning Mei

New York University

nm2241@nyu.edu · (646) 209-0264

Website: <https://github.com/adowaconan>

EDUCATION

Expected 2016

❖ New York University, New York, NY

M.A in Psychology (General)

2014

❖ Arizona State University, Tempe, AZ

B.A. in Psychology (minor in Statistics)

2012

❖ Guangzhou University of Traditional Chinese Medicine, Guangzhou, China

B.S. in Applied Psychology

POSTERS

Teng, X., Mei, N., Tian, X., & Poeppel, D. (2015). Auditory temporal windows revealed by locally reversing Mandarin speech. *Society for Neurobiology of Language*, Poster (co-first-author)

Kim, T., Mei, N., Poeppel, D., & Flinker, A. (2015). A new acoustic space for hemispheric asymmetries. *Society for Neurobiology of Language*, Poster (co-first-author)

AWARDS

Research and Internships

Fall 2014 – present

David Poeppel lab

➤ *MA research assistant*

- Running psychophysics subjects, MEG subjects, data analysis
- Ongoing project: Investigating hemispheric asymmetry in perceiving Mandarin Tones, in conditions of hums or lexical tones.

Spring 2015 – present

Catherine Good lab

➤ *MA research assistant*

- Experimental subject testing, data collection, data analysis
- Data analysis on how sense of belonging in math moderating self-estimation in different confidence levels

Spring 2016 – present

Timothy Ellmore lab

➤ *MA research assistant*

- Develop python/Matlab Input.Output interacting scripts/protocol
- Develop machine learning models to detect target features in the signal (implementation of continuous window classification)

Spring 2014

American Cancer Society Cancer Prevention Study – 3

➤ *Volunteer, Research assistant*

- Recruiting subjects, social media research

Fall 2012-Summer 2014

ASU Changemaker center, Tempe, AZ

➤ *Volunteer*

- Creating communities of support around new solutions/ideas

Fall 2009, Spring 2010

Canton Life Hot Line, Guangzhou, China

➤ *Intern*

- Consulting, recording consulting results

Fall 2010, Spring 2011

Research team, prisoner emotional health, Guangzhou, China

➤ *Intern*

- Collecting data about prisoners' mental health
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Working experience

Fall 2012 to present

Varsity Tutor

➤ *Tutor*

- Multivariate Calculus, Linear Algebra, Trigonometry (high school and college levels), Statistics (i.e. research methods, analysis methods, simulation, signal detection theory), Mandarin, Programming data analysis

Spring 2013-Fall 2014

Personal Translator, Phoenix, AZ

March 2013 to present

Translator, MCC Translation, Phoenix, AZ

SKILLS and CERTIFICATIONS

Computer Skills:

Excellent – Microsoft Office

- Word, Excel, Presentation, Poster Design

Excellent – Matlab

- Parametric tests, Nonparametric tests, Factorial analysis, Principle Component Analysis, Psychophysics Toolbox, Signal Processing Toolbox, Data Visualization, Scripts of Functions.

Excellent – Python

- Parametric tests, Nonparametric tests, Factorial analysis, Principle Component Analysis, Model Evaluation, Data Visualization, Lambda Functions, Extensions of Python such as mne-python, Pandas, and PyMC.

Excellent – SPSS

- Parametric tests, Nonparametric tests, Factorial Analysis, Principle Component Analysis, Independent Component Analysis

Good – R

- Parametric tests, Nonparametric tests, Factorial Analysis, Principle Component Analysis, probabilistic computation.

Good – Letax Editor

- Equations and special effects in presentation slides, posters

Skills:

- Courses taken: Calculus/Analytic Geometry I – III, Probability, Mathematical statistics, Simulation and Data Analysis, Mathematical Tools for Psychology and Neuroscience

Statistics Skills:

- Parametric statistics, Non-parametric statistics, Factorial Analysis, Principle Component Analysis, Independent Component Analysis, Least square regression, Multivariate regression, Step-wise hierarchical regression, Logistic regression, Basic ideas about Machine Learning.

Current Project

- Investigating asymmetric perception of Mandarin Tones using dichotic listening
- Implementing machine learning techniques in detecting spindles from EEG nap data

Reference:

Dr. Adeen Flinker, adeen.f@gmail.com, project 1 direct supervisor

Dr. Xing Tian, xing.tian@nyu.edu, project 1 collaborator, supervisor, and thesis grader

Dr. David Poeppel, dp101@nyu.edu

Dr. Timothy Ellmore, tellmore@ccny.cuny.edu, project 2 supervisor

Dr. Catherine Good, cgood@tfusa.org