

(Sherry) Siqi Ning

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EDUCATION

Northwestern University, IL

Program start date: September 2017

- Doctoral student, Communication Sciences and Disorders

Rice University, Houston, TX

Expected graduation date: May 2017

- Double Major: B.A. Cognitive Sciences; Sociology
- GPA: 3.84/4.33 overall; 3.99/4.33 major specific (Cognitive Sciences)

RESEARCH INTERESTS

- Cognitive and neural mechanisms of bilingualism
- Bilingual language acquisition
- Relationship between language and memory

RESEARCH EXPERIENCE

Researcher, Rice Undergraduate Scholars Program (RUSP)

8/2016 - present

Effect of Bilingualism on Working Memory (Mentored by Dr. Randi Martin), Expected to Conclude 5/2017

- 2-semester independent research
- Grant proposal and first presentation due in fall; thesis paper and second presentation due in spring
- Designed two wordlist recall experiments to study relationship between bilingualism and working memory
- Responsible for recruiting and testing subjects, and data collection and analysis

Research Assistant, Department of Neurosurgery, Baylor College of Medicine

7/2016 - present

Language and Neural Recovery from Stroke: Role of Selection and Working Memory (Co-PIs: Dr. Tatiana Schnur & Dr. Randi Martin)

- Traced lesion areas in the brain scans of acute stroke patients
- Converted and organized patient brain scan files for use in the study
- Learned Diffusion Tensor Imaging (DTI) tractography

Research Assistant, Rice University School Mathematics Program (RUSMP)

5/2016 - 8/2016

- Transcribed interviews on topics of improving mathematics instruction and student learning
- Reviewed literature and wrote summaries on the topic of teacher professional development

Undergraduate Research Fellow, Religion and Public Life Program, Rice University

5/2015 - 8/2016

RASIC: Religion among Scientists in International Context (PI: Dr. Elaine Howard Ecklund)

- Transcribed and translated interviews from Mandarin to English
- Coded interview transcripts, wrote summary reports and gave presentations on the analysis
- Assisted in the preparation for multiple academic events and presentations

RISE: Religion and Inequality in Science Education (PI: Dr. Elaine Howard Ecklund)

- Conducted Participant Observation studies in local churches and wrote memos about these visits
- Recruited interview participants from the observation visits

Research Assistant, Schnur Lab, Rice University Psychology Department

1/2014 - 6/2016

Assisted Julie Hughes in a study of the inhibition system involved in bilingual language production

- Involved in the selection of experimental materials and the recruitment of participants

- Conducted experiments on DMDX and collected behavioral data
- Assisted in the conducting of fMRI neuroimaging tests

Assisted Jingyi Geng in a study of how shape, categorical and taxonomic associations affect lexical access

- Scheduled participants and conducted experiments using DMDX system
- Recorded subject performance and performed data analysis in Excel

WORK EXPERIENCES

Tutor, Rice “Maestro” Program 9/2016 - 12/2016

- Tutored Rice Spanish-speaking staff in how to use computer programs

Office Assistant, Rice University School Mathematics Program (RUSMP) 5/2016 - 8/2016

- Managed office files and teaching equipment
- Assisted in the set-up and cleanup of teacher-training events

International Rice Ambassador, Rice University OISS, Qingdao, China 5/2014 - 9/2014

- Contacted and met with schools and media representatives in China to promote Rice University
- Gave presentations and interviews about Rice University in multiple schools and conferences

English Tutor & Office Assistant, MacMagnus Education, Qingdao, China 5/2014 - 8/2014

- Taught one-on-one classes on English and the ACTs to Chinese high school students
- Involved in the marketing and advertising endeavors of the institute

Teacher Shadowing, Anshan Road Primary School, Qingdao, China 5/2014 - 6/2014

- Observed and taught fourth-grade English classes to Chinese students

GRANTS AND FELLOWSHIP

Cognitive Science University Fellowship, Northwestern University 9/2017 - 9/2018

- Full year tuition and stipend

ACADEMIC HONORS AND AWARDS

President’s Honor Roll (3 semesters)

- Fall 2013; Fall 2015; Spring 2016

Cognitive Sciences Honors Program 8/2016 - present

- Enrolled in conjunction with the Rice Undergraduate Scholars Program (RUSP)

CONFERENCE PRESENTATIONS

Ning, S. & Martin, R. (2017, April). *Effect of Bilingualism on Working Memory*. Poster presented at the annual Rice Undergraduate Research Symposium, Houston, Texas.

SKILLS

Languages: Mandarin Chinese (Native); English (Proficient); Spanish (Intermediate)

IT: Python (Introductory), Microsoft Office

EXTRACURRICULAR

- Marimba Player, Rice African Music Ensemble 8/2013 - 12/2015
- Skilled at Piano, Chinese Zither, traditional Chinese painting and calligraphy