Matthew Loder

New Brunswick, NJ | (417) 894-4961 | i.loder.matthew@gmail.com | www.linkedin.com/in/matthew-loder

EDUCATION

Rutgers University: Honors College, New Brunswick, NJ   Sep 2016 - May 2020
Linguistics (B.A.) *Highest Honors*   Minor: Spanish, Philosophy   GPA - 3.98/4.0
University of Valencia, Valencia, Spain   Jan 2019 - June 2019
Semester abroad - direct enrollment

RESEARCH

On What Grounds - Information and Authority in French *Wh*-In-Situ Questions   Sep 2019 - Apr 2020
Honors Thesis
Advisor: Dr. Viviane Déprez
- Designed a study to explore the effect of speaker and addressee information state on the choice of French question forms (moved vs. in-situ) through the collection of experimental evidence
- Built and deployed two experiments using the PCIbexFarm Online application, designing stimuli to target our experimental conditions while still sounding natural
- Collected participants through Prolific, an online survey and Human Intelligence task hosting platform that allowed our study to be taken internationally
- Performed a rigorous literature review identifying previous theories and synthesizing relevant ideas to form a novel thesis, that French in-situ questions are syntactically declarative, and behave as such, which we tested through the use of two experiments
- Presented the thesis for the Honors thesis committee, receiving the distinction of *highest honors*

Comparative and Experimental Linguistics Lab, New Brunswick, NJ   Sep 2017 - Apr 2020
Research Assistant   *website*
Principal Investigator: Dr. Viviane Déprez
- Built and deployed online experiments using the Experigen and PCIbex applications, allowing our team to collect data from French speakers in France while not physically being there
- Coded dialogue from the French ESLO corpus, identifying types of questions on the basis of both structure and usage
- Collaborated with a team of 3-4 students and the PI in weekly lab meetings to design new experiments and revise student work
- Projects ranged from work exploring the use of prosody in French to disambiguate sentences with multiple negations to work investigating the role of extralinguistic factors on the choice of question forms in French

ALPS Lab - Stanford University, Stanford, CA   June 2019 - Aug 2019
Research Intern
Principal Investigator: Dr. Judith Degen
- Designed and built 3 online experiments using HTML, CSS, and JS, in order to test how speakers used contextual information such as to inform the process of semantic adaptation, given the variable usage of possibility modals like 'might' or 'probably.' Work was theoretically informed by the Rational Speech Acts Model
- Utilized Amazon Mechanical Turk for data collection to quickly receive responses from a large quantity of participants
- Analyzed data with R, preparing analysis scripts in advance with my mentor's aid and engaging in open science practices, pre registering our experiments to ensure clean, reproducible data
- Presented a 15 minute long research talk to or interns and faculty members, highlighting key findings from summer project and answered questions related to experimental design and theoretical background of the work

Brain and Language Lab, New Brunswick, NJ   Sep 2018 - Dec 2018
Research Assistant
Principal Investigator: Dr. Nuria Sagarra
- Ran participants through eye-tracking study focused on Spanish native, heritage and L2 use of verbal morphology, explaining the details of the study in Spanish
- Utilized Praat to demarcate boundaries across and within syllables for data from a production study

PRESENTATIONS

Honors Thesis Defense, Rutgers University   Apr 2020
CSLI Summer Internship Presentations, Stanford University   Aug 2019
Aresty Research Symposium, Rutgers University   April 2018\

HONORS

Henry S. Rutgers Scholar (Research Excellence)   May 2020
Paul Robeson Scholar   May 2020
Academic Excellence Award (Linguistics Dept.)   May 2020
Student Staff Excellence Award (Chancellor's Leadership Award)   May 2020
Presidential Scholarship Recipient   2016 - 2020

PROFESSIONAL EXPERIENCE

Career Exploration and Success - Rutgers, New Brunswick, NJ
Special Assistant to the Senior Director   Jan 2020 - May 2020
- Planned and oversaw the rollout of our campus-to-career field trips program, a series of field trips hosted by our office (three field trips were planned, but cancelled due to COVID-19)
- Reached out to potential employers to gauge their interest in participating in our programs
- Contacted Top Hiring Employers over phone and email for invitation to our end of year dinner, Career Knights of Distinction (cancelled due to COVID-19)
- Participated in planning committee meetings related to the design of the Career Knights of Distinction Dinner

Lead Peer Career Advisor   Sep 2018 - May 2020
- Reviewed and critiqued student resumes during drop in hours, responding effectively and creatively to students' unique questions and concerns
- Publicized events for the Education and Public & Human Services career cluster using our mailing lists as well as CES's other online platforms

Front Desk Assistant   Sep 2016 - Aug 2018

Mad Science of New Jersey, New Brunswick, NJ   Jan 2017 - May 2017
Mad Scientist (Instructor)
- Engaged students (K-5th) in entertaining science demonstrations as part of an after-school program with the goal of getting more children excited about science

Chris Koster for Missouri, Springfield, MO   Jun 2016 - Aug 2016
Field Campaign Intern
- Informed Springfield citizens about their 2016 governors election options by phone, by canvassing and over email
- Secured volunteers for the campaign through the use of persistent outreach and marketing strategies
- Researched and prepared memos on important issues in the campaign for Chris Koster as governor of Missouri
- Trained volunteers on best techniques for talking to prospective voters, educating them about important issues

EXTRACURRICULARS

Rutgers Lingua, New Brunswick, NJ
President   Sep 2019 - Present
Rutgers Undergraduate Linguistics Club, New Brunswick, NJ
President   Sep 2018 - Dec 2018
College Avenue Players, New Brunswick, NJ
Publicist   Sep 2018 - Dec 2019

SKILLS

Languages: Spanish (advanced), French (intermediate)
Software: MS Word, MS Excel, MS Powerpoint; Praat; Apple Pages, Keynote
Programming languages: HTML, CSS (basic), JS (basic), R, Python (basic), Haskell (basic)