

**SUBHEKSHYA SHRESTHA**  
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## EDUCATION

- University of Chicago, Chicago, IL USA** **Sept 2022 – June 2023**  
Master of Arts Program in the Humanities  
Thesis: *How Revolution and Gender Dynamics Affected 3rd-Person Honorification in Nepali.*
- New York University Abu Dhabi, Abu Dhabi, UAE** **May 2020**  
Bachelor of Arts in Psychology, Minors in Arabic and Linguistics.  
Thesis: *The Effect of Case-Marking on Agreement Attraction in Nepali.*

## SKILLS

*Research Methods:* MEG, Self-Paced Reading, Acceptability Judgement, Cloze, Masked Priming.

*Languages:* Native Fluency in Nepali and English, Conversational Hindi, Intermediate Arabic (Modern Standard Arabic and Palestinian Dialect), Heritage Speaker of Newari. Intermediate Spanish. Devanagari and Arabic typing.

*Programming Languages and Softwares:* MS Office, Ixex, MEG160, Stata, Praat, Python (Psychopy, Pytorch and MNE), R, LaTeX, Prolific.

## ACADEMIC AND RESEARCH EXPERINCE

- Research Assistant, LaMB Lab, NYU Abu Dhabi** **Sept 2020 – Sept 2022**
- Collaborated with Neuroscience of Language Lab(NeLLab) on cross-linguistics MEG experiment on Nepali and Hindi, coordinating communication and resource sharing between multiple labs in the NYU Abu Dhabi Psychology department.
  - Recruited and ran participants for MEG and behavioural experiments in-line with COVID-19 restrictions, including scheduling multiple experiment slots while coordinating equipment booking between different labs.
  - Managed and tracked participant compensation and other lab expenses in MS Excel.
  - Re-established EEG Lab following COVID-19 guidelines by revising protocols, doing inventory, and redesigning workflow.
- Research Assistant, Psychology Department, NYU Abu Dhabi** **May 2020 – Aug 2020**
- Set-up online recruitment for behavioural tasks online to account for COVID-19 guidelines.
  - Wrote-up consent forms and demographic surveys, translating them into the target language of participants for better understanding.
  - Researched different payment platforms and streamlined online compensation for participants in multiple countries.
  - Appointed as part of the Post-Graduation Training Program by Dr. Diogo Almeida (Language, Mind and Brain Lab).

## TEACHING AND MENTORING

- Arabic Student Assistant, NYU Abu Dhabi** **Sept 2019 – Jan 2020**
- Tutored students one-on-one in learning both Modern Standard Arabic and Palestinian dialect.
  - Prepared worksheets to aid students in understanding syllabus materials such as grammatical concepts, vocabulary, or pronunciations.
  - Held social events to foster a comfortable environment for students to practice their speaking skills.
  - Dedicated a couple hours every week for office hours where students could come with questions or review sheets.

## RESEARCH PROJECTS

### Crosslinguistic Neuroimaging Study on Hindi and Nepali Sept 2020 – Jan 2022

- In collaboration with the Neuroscience of Language Lab (NeLLab).
- Created stimuli for online Nepali Cloze task and coded data in MS Excel
- Conducted a Magnetoencephalography(MEG) study on Hindi and Nepali speakers on the effect of different case-markings on agreement.
- Designed and implemented one of the first neurolinguistics study on Nepali and Hindi during the COVID-19 pandemic.
- Prepared stimuli and wrote code for linguistics experiments in Python, and analysed subsequent data on R.
- Recruited participants in-person and ran experiments according to COVID-19 guidelines.

### Effect of Case-Marking on Agreement Attraction in Nepali Sept 2018 – May 2020

- Conducted a Speeded Acceptability Judgement Task to study effect of subject case-marking on number agreement attraction in Nepali.
- Designed and implemented one of the first psycholinguistics study on Nepali during the COVID-19 pandemic by doing literature review, translating as well as formulating stimuli.
- Recruited participants online for online behavioural experiment for which I wrote an IRB proposal as well as recruitment texts.
- Communicated and reported analysis in a 25-page paper in the APA format as part of undergraduate thesis.

## PRESENTATIONS

Chacón, Dustin A., Subhekshya Shrestha, Brian Dillon, Rajesh Bhatt, Diogo Almeida, Alec Marantz. 2022. Brain activity in Hindi and Nepali reflects language-adapted processing strategies. *Cross-linguistic Perspectives on Processing and Learning 2022*. University of Zürich.

Chacón, Dustin A., Subhekshya Shrestha, Brian Dillon, Rajesh Bhatt, Diogo Almeida, Alec Marantz. 2022. Brain activity in Hindi and Nepali reflects language-adapted processing strategies. *Society for the Neurobiology of Language 2022*. Philadelphia, PA.

Chacón, Dustin A., Subhekshya Shrestha, Brian Dillon, Rajesh Bhatt, Diogo Almeida, Alec Marantz. 2022. Brain activity in Hindi and Nepali reflects language-adapted processing strategies. *Architectures and Mechanisms for Language Processing 2022*. University of York.

Chacón, Dustin A., Subhekshya Shrestha, Brian Dillon, Rajesh Bhatt, Diogo Almeida, Alec Marantz. 2021. Paying attention to agreement: RTPJ aids the encoding of agreement in Hindi. *Architectures and Mechanisms for Language Processing 2021*. University of Paris.

Chacón, Dustin A., Subhekshya Shrestha, Brian Dillon, Rajesh Bhatt, Diogo Almeida, Alec Marantz. 2021. Paying attention to agreement: An MEG study of Hindi split-ergative agreement. *South Asian Forum on the Acquisition and Processing of Language 2*. University of Potsdam.

Chacón, Dustin A., Subhekshya Shrestha, Brian Dillon, Rajesh Bhatt, Diogo Almeida, Alec Marantz. 2021. Paying attention to agreement: RTPJ aids the encoding of agreement in Hindi. *Society for the Neurobiology of Language 2021*, Online.