Nigel Flower

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Education

2020–2025	**Ph.D. Linguistics**, *New York University*, Committee: Liina Pylkkänen (Chair), Chris Barker, Alec Marantz, Ailis Cournane, Brian Dillon
2018–2020	**M.S. Computer Science**, *University of Illinois at Chicago*, Supervisor: Barbara Di Eugenio
2012–2017	**B.S. Computer Science**, *University of Illinois at Chicago*, Supervisor: Barbara Di Eugenio

Research Interests

Neurobiology of Language	neural bases of referential processing, neural bases of reading, compositional processing, parallel visual presentation, magnetoencephalography
Theoretical Linguistics	quantifiers, indefinites/definites, dynamic semantics, scope, reconstruction, ellipsis

Publications

2024	**Flower, N.** & Pylkkänen, L. The spatiotemporal dynamics of bottom-up and top-down processing during at-a-glance reading (Journal of Neuroscience)
2017	Kumar, A., Di Eugenio, B., Aurisano, J., Johnson, A., Alsaiari, A., **Flower, N.**, & Leigh, J. (2017). Towards multimodal coreference resolution for exploratory data visualization dialogue: Context-based annotation and gesture identification. In The 21st Workshop on the Semantics and Pragmatics of Dialogue (SemDial 2017–SaarDial) (Vol. 48)

Drafts and Manuscripts

in prep	**Flower, N.**, & Pylkkänen L. Quantification in the Cortex: Logical Representations in the Left Anterior Temporal Lobe
in prep	**Flower, N.**, Lee, S., & Pylkkänen L. Considering all the stars visible: Syntactic Processing in the LPTL
in prep	**Flower, N.**, A Witness on the Island: Dynamic Binding with the Witness Bound

Conference Talks

2024.05	**Flower, N.**, & Pylkkänen L. *The influence of top-down grammatical knowledge on the rapid visual perception of full sentences: MEG evidence.* 37th annual conference on Human Sentence Processing (HSP)
2021.12	**Flower, N.** *Reconstruction Effects in Mandarin Relative Clauses.* Talk. SYNC Conference held on Zoom

Conference Posters

2024.10   **Flower, N.** and & Pylkkänen L. *All at once: Semantic Effects of Quantification during Parallel Presentation in MEG.* Poster presented at the 10th Annual Meeting of MACSIM (Mid-Atlantic Colloquium of Studies in Meaning).

2023.10   **Flower, N.** and & Pylkkänen L. *At-a-glance sentence comprehension: Top-Down Impact of Syntactic Structure in Left Lateral Language Cortex Starting at 270 ms.* Poster presented at the 15th Annual Meeting of the Society for the Neurobiology of Language.

2022.10   **Flower, N.**, Lee S. & Pylkkänen L. *Considering all the stars visible: MEG correlates of English post-nominal modification.* Poster presented at the 14th Annual Meeting of the Society for the Neurobiology of Language.

Invited Talks

2022.11   **Flower, N.**, *Witnesses and Existential Disclosure.* Semantics Group, NYU

Teaching

Guest Lecturer

2021.10.27   *Language in the Brain.* LING-UA 1: Language (with Anna Szabolcsi)

2022.12.07   *Language in the Brain.* LING-UA 3: Language and Mind (with Ailis Cournane and Brian McElree)

Teaching Assistant: NYU

Spring 2024   LING-UA 43: Neural Bases of Language (with Liina Pylkkänen)

Fall 2023   LING-UA 4: Introduction to Semantics (with Chris Barker)

Fall 2022   LING-UA 3: Language and Mind (with Ailis Cournane and Brian McElree)

Fall 2021   LING-UA 1: Language (with Anna Szabolcsi)

Teaching Assistant: UIC

Fall 2016   CS 301: Languages and Automata (undergraduate TA with John Lillis)

Service

2021-2022   Treasurer for Linguistic Association of New York University (LANYU)

2022-2024   Member of NYU Colloquium Committee

Grants, Fellowships, and Awards

2020-2025   Henry M. MacCracken Fellowship, NYU

Skills

Languages (human)   English (native), Mandarin (Fluent), French (highly proficient), Japanese (moderate proficiency), Spanish (working knowledge), Ewe (elicitation), Sinhala (elicitation), Korean (elicitation)

Languages (computer)   Python, R, C/C++/C#, Java, MATLAB, Haskell, SQL, HTML/CSS/javascript