

GRAHAM TOMKINS FEENY

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Department of Communicative Sciences and Disorders
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EDUCATION

New York University, New York, NY

Doctoral Student in Communicative Sciences and Disorders (2018-*current*)

COURSES COMPLETED: Speech Sound Disorders in Children, Voice Disorders, Intermediate Quantitative Methods: The General Linear Model, Advanced Modeling I: Topics in Multivariate Analysis, Advanced Topics in Quantitative Methods: Multi-Level Modeling – Nested Data, Adult Language Disorders, Motor Speech Disorders, Statistical Analysis in Linguistics, Seminar in Speech Production

University of Alberta, Edmonton, AB, Canada

Master of Science in Linguistics (2015-2017) COURSES COMPLETED: Practical

Experimental Methods in Psycholinguistics I, Practical Experimental Methods in Psycholinguistics II, Psycholinguistics, Introduction to Statistical Analysis of Linguistic Data with R, Seminar in Syntax, Speech Technology, Statistical Analysis of Psycholinguistic Data with R, Experimental Phonetics, Current Phonological Theory, Master's Research Project (*Emotion and lexical effects in an auditory lexical decision task with vocal affect*)

Bachelor of Arts in Linguistics and Psychology with Distinction (2009-2013)

SELECTED COURSES COMPLETED: Introduction to Human Language, Basic Psychological Processes, Introduction to Linguistic Analysis, Individual & Social Behavior, English Syntax, Phonetics, Personality, Introduction to Applied Statistics, Syntax and Semantics, Perception, Cultural Psychology, Morphology and the Lexicon, Introductory Phonology, Current Phonological Theory, Cognitive Psychology, Human Neuropsychology, Directed Research in Linguistics I (Phonetics Research), Speech Perception, Proposal Writing, Directed Research in Linguistics II (Phonetics Research), Language Processing, Introduction to Cognitive Neuropsychology, Special Topics in Psychology: Recovery after Brain Injury

Spring Training in Experimental Psycholinguistics (Spring 2015, 2016, 2017)

SELECTED COURSES COMPLETED: Introduction to Data Analysis with R, Scientific Writing in Psycholinguistics, Linear Mixed Effects Modeling & Data Visualization, Eye Movement Methods to Investigate Bilingual Reading, Using Generalized Additive Mixed Modeling for Analyzing Eye-tracking Data, Exploring the Visual World Eye-tracking Paradigm, Using Speech in Psycholinguistics, Implicit Grammar, The Psycholinguistics of Complex Words in Creative Minds

RESEARCH INTERESTS

- Transgender voice
- Emotion processing from a psychoevolutionary perspective
- Visual biofeedback using ultrasound
- Visual-acoustic biofeedback using Computerized Speech Lab
- Psycholinguistics, Neurolinguistics, and Neuroimaging techniques
- Statistics and data analysis

- Scientific writing and editing

RESEARCH EXPERIENCE AND PROJECTS

- 2017- *Research Scientist*, Biofeedback Intervention Technology for Speech (BITS) Lab, *New York University*
- 2017- *Project Manager*, Predicting Treatment Response study, BITS, *New York University*
- 2016-17 *Research Assistant*, Centre for Comparative Psycholinguistics, *University of Alberta*
- 2011-17 *Lab Technician*, Alberta Phonetics Laboratory, *University of Alberta*

TEACHING EXPERIENCE

Interests

Clinical Phonetics, Acoustic Phonetics, Speech Science Instrumentation, Speech Technology, Psycholinguistics, Neurolinguistics, Experiment Design, Research Methodology, Statistics and Data Analysis

Full Courses

Lab Instructor, Speech Science Instrumentation, *New York University* (Fall 2019)

Lab Instructor, Speech Science Instrumentation, *New York University* (Fall 2017)

Teaching Assistant, Introduction to Linguistic Analysis, *University of Alberta* (Winter 2016)

Teaching Assistant, Introduction to Linguistic Analysis, *University of Alberta* (Fall 2015)

Guest Lectures

Acoustics of Obstruent Consonants

New York University, graduate level, Speech Science: Instrumentation (Fall 2017)

Articulatory Properties of English Vowels

University of Alberta, undergraduate level, Introduction to Linguistic Analysis (Winter 2016)

CONFERENCE PROCEEDINGS

Feeny, G. T., Järvikivi, J, & Tucker, B. V. (2019) *Emotion and lexical effects in an auditory lexical decision task with vocal affect*. Proceedings of the 11th International Conference on the Mental Lexicon. <https://doi.org/10.7939/r3-fn84-db59>.

PUBLISHED ABSTRACTS

Kabakoff, H., **Feeny, G. T.**, Tiede, M., Preston, J. L., & McAllister, T. (2019). Detecting changes in lingual differentiation over the course of speech sound intervention. *The Journal of the Acoustical Society of America*, *145*(3), 1796-1796.
<https://dx.doi.org/10.1121/1.5101573>.

PRESENTATIONS

Doyle, K., **Feeny, G. T.** & McAllister, T. (November 2019). *Predictors of perceived femininity of transgender women's productions during visual-acoustic biofeedback training*. Poster presented at the 2019 ASHA Convention. Orlando, FL.

Feeny, G. T., Kabakoff, H., Phillips, E., Tiede, M., Preston, J. L. & McAllister, T. (June 2019). *Longitudinal emergence of perception, production, and motor skills in preschoolers*. Poster presented at the 2019 Boston Speech Motor Control Symposium. Boston, MA.

Feeny, G. T., Kabakoff, H., Phillips, E., Tiede, M., Preston, J. L. & McAllister, T. (June 2019). *Motor and perceptual precursors of speech production: A longitudinal study*. Talk presented at the 2019 International Child Phonology Conference. Montréal, QC, Canada.

Kabakoff, H., **Feeny, G. T.**, Tiede, M., Preston, J. L. & McAllister, T. (May 2019). *Detecting changes in lingual differentiation over the course of speech sound intervention*. Poster presented at the 177th Meeting of the Acoustical Society of America. Louisville, KY.

Feeny, G. T., Järvikivi, J., & Tucker, B. V. (2018) *Emotion and lexical effects in an auditory lexical decision task with vocal affect*. Poster presented at the 11th International Conference on the Mental Lexicon. Edmonton, AB, Canada.

AWARDS AND HONORS

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| 2019 | Doctoral Students' Individual Research Fund (CSD department) |
| 2019 | Boston Speech Motor Control Symposium Travel Fellowship |
| 2018 | Phyllis Tureen Fellowship (CSD department) |
| 2018 | 180 SECONDS TO WoW! Competition (by audience review), 11 th International Conference on the Mental Lexicon, <i>University of Alberta</i> |
| 2016 | Nominated – Teaching Assistant award, <i>University of Alberta</i> (Winter 2016) |
| 2015 | Queen Elizabeth II Graduate Scholarship – Master's level, <i>University of Alberta</i> |

EMPLOYMENT

- 2017- *Research Scientist and Project Manager, Biofeedback Intervention Technology for Speech (BITS) Lab, New York University*
- 2017- *Transcriptionist*
- 2013-15 *Associate Editor, Linguistics Abstracts Online, University of Alberta*
- 2012- *Phonetics Consultant, Speech Graphics Ltd.*

VOLUNTEER EXPERIENCE

- 2016-17 *Event Co-ordinator, Linguistics Graduate Students' Association, University of Alberta*
- 2016-17 *Co-organizer, Spring Training in Experimental Psycholinguistics at the Centre for Comparative Psycholinguistics, University of Alberta*
- 2015-16 *Departmental Master's Student Representative, Graduate Students' Association, University of Alberta*
- 2015-16 *Linguistics Representative, Graduate Students' Association Council, University of Alberta*

REVIEWING ACTIVITY

- 2019 *Guest editor assist, Journal of Speech, Language, and Hearing Research*

LANGUAGES AND SKILLS

- Proficient in Praat
- Proficient in R, particularly with linear mixed effects regression (lmer) and generalized additive mixed modeling (gamm)
- Proficient in E-Prime
- Familiar with MATLAB programs for statistical computing and graphics
- Intermediate French and Spanish