

# Michelle McSweeney

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## ABOUT

Computational linguist and researcher. Over five years of experience in text analysis, corpus development, and natural language processing. Award-winning presenter and published author on the language of text messaging.

## EDUCATION

### CUNY GRADUATE CENTER

#### PHD IN LINGUISTICS

Sept 2016 | New York, NY  
Literacies of Bilingual Youth  
Corpus Analysis & NLP

#### CERTIFICATE, INTERACTIVE TECHNOLOGY & PEDAGOGY

May 2014 | New York, NY

### MICHIGAN STATE UNIVERSITY

#### BACHELORS IN CHEMISTRY & MATHEMATICS

May 2004 | East Lansing, MI

## LINKS

LinkedIn:// [michelleamcsweeney](#)  
Github:// [michellejm](#)  
Academia:// [michelleamcsweeney](#)

## SKILLS

### TECHNICAL

Python • QGIS • PostgreSQL  
HTML/CSS • JavaScript (D3, Leaflet)  
Flask • Adobe Creative Suite

### FUNCTIONAL

Corpus Analysis • Natural Language  
Processing • Machine Learning  
Research Design • Mixed Methods  
Research • Teaching • Public Speaking •  
Writing

## MEDIA COVERAGE

The New York Times Jul 8, 17 • New York  
Magazine Jun 5, 17 • Tell Me Something I  
Don't Know Nov 8, 16 (podcast) • Feeling  
Some Type of Way Nov 28, 16 (podcast) •  
Metro New York Aug 4, 14

## EXPERIENCE

### THE GRADUATE CENTER AT CUNY | DIGITAL FELLOW

Sept 14 - Aug 16 | New York, NY

- Advised on digital research projects and data visualization.
- Designed technical workshop sequence, and taught Python, NLTK, and QGIS.
- Established Python Users' Group.
- Led quantitative research project on impact for President's address.

### LEHMAN & HUNTER COLLEGES | LINGUISTICS INSTRUCTOR

Aug 11 - May 16 | New York, NY

- Taught theoretical and applied Linguistics, Education, and English courses.

### PEACE CORPS UGANDA | LANGUAGE TRAINING CONSULTANT

Feb 08 - Aug 10 | Kampala, Uganda

- Identified language rules with native speakers & wrote functional grammars.
- Wrote a grammar and phonics program for Lusoga.

### LANSING COMMUNITY COLLEGE | EDUCATION SPECIALIST, TRIO

Jun 04 - Jan 08 | Lansing, MI

- Taught developmental mathematics, advised incoming students.

## RESEARCH

### COLUMBIA UNIVERSITY | POSTDOCTORAL RESEARCH FELLOW

Sept 16 - Present | New York, NY

Natural Language Processing using Text Analysis and Machine Learning to identify argument strategies on politically charged issues. Led a mixed-methods research project on urban language dynamics in the Center for Spatial Research. Contribute to socio-spatial research, data visualization, and mapping.

### THE GRADUATE CENTER AT CUNY | PHD RESEARCH

May 14 - Sept 16 | New York, NY

Collected a corpus of over 45,000 text messages sent and received by bilingual young adults to analyze the relationship between text messaging and literacy. Proposed a taxonomy to understand the communicative effect of emojis, abbreviations, and other textisms.

## PROJECTS

In progress. Love Texts. Web app analyzing patterns in texted conversations.  
[www.michelleamcsweeney.com/love](http://www.michelleamcsweeney.com/love)  
2017. Urban Language Ecologies.  
[www.c4sr.columbia.edu/urban-language-ecologies](http://www.c4sr.columbia.edu/urban-language-ecologies)  
2016. Bilingual Youth Texts Corpus. [www.byts.commonsgc.cuny.edu](http://www.byts.commonsgc.cuny.edu)  
2015. Languages Above the Subway.  
[www.subwaylanguages.michelleajohnson.com](http://www.subwaylanguages.michelleajohnson.com)

## PUBLICATIONS

2018. The Pragmatics of Text Messaging. Routledge.  
2018. Can I get a comma? Network Analysis of textism feature adoption. LSA 91, Salt Lake City, UT.  
2017. Chatting with the Natives. Harvard Design Magazine. Issue 44.  
2017. I Text English to Everyone: On Texting and Academic Proficiency. Language 2(3), 7.