

# Grant M. Berry

## Curriculum Vitae

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**Interests:** Language Variation and Change, Bilingualism, Phonetics/Phonology, Machine Learning

## Current Appointment

Language Engineer @ Amazon

June 2018-Present

Alexa HHO, Spoken Language Understanding and Machine Learning team

## Education and Training

PhD	Dual title in Spanish and Language Science, Penn State University	2018
	Dissertation: <i>Liminal voices, central constraints: Minority adoption of majority sound change</i>	
-	Visiting Scholar, University of Pennsylvania	2017
-	Visiting Scholar, Max Planck Institute for Psycholinguistics	2015
-	Linguistic Society of America Summer Institute, University of Chicago	2015
MA	Spanish, Penn State University	2014
-	Fulbright Teaching Assistantship, Universidad Nacional de Río Cuarto, Argentina	2011
BA	Spanish, Truman State University	2010
BS	Mathematics, Truman State University	2010

## Research Funding ≥ \$1,000

\$15,107	NSF Doctoral Dissertation Research Improvement Grant (#BCS1651061)	2017
\$ 1,000	Center for Global Studies Fellowship, Penn State University	2017
\$ 2,000	Superior Teaching and Research (STAR) Award, Penn State University	2016
\$ 2,000	RGSO Dissertation Award, Penn State University	2015
\$ 2,950	Superior Teaching and Research (STAR) Award, Penn State University	2014
\$ 4,000	Graduate Scholar Award, Penn State University	2014
\$ 2,000	Student Research Grant, Truman State University	2009

## Peer-reviewed Publications

### Published or Forthcoming

- Berry, G.M.**, & Ernestus, M. (2018). Phonetic alignment in English as a *lingua franca*: Coming together while splitting apart. *Second Language Research*, 34(3), 343-370. doi: 10.1177/0267658317737348
- Torres Cacoullous, R., & **Berry, G.M.** (2018). Sociolinguistic variation in US Spanish. In Potowski, K. (Ed.), *Handbook of Spanish as a Heritage/Minority Language*. Routledge, 254-268.
- Berry, G.M.** (2017). Structural autonomy and aspectual import: A new(er) Spanish Progressive. *Probus*, 29(2), 205-232. doi: 10.1515/probus-2015-0001
- Berry, G.M.** (2016). Processing linguistic variation through dual mechanisms of cognitive control. *Linguistics Vanguard*, 2(s1). doi: 10.1515/lingvan-2016-0033

### In Preparation or Under Review

- Berry, G.M.** (Submitted). Relative syllable duration and pitch anchoring in Central Argentine Spanish.
- Ilola, I., Mikulski, A., Rodriguez-Padial, A., & **Berry, G.M.** (Conditionally Accepted). Written feedback in Heritage Spanish classrooms: A national survey of students and educators. *Spanish Journal of Applied Linguistics*.
- Requena, P.E., & **Berry, G.M.** (Submitted). Cross-linguistic effects in processing morphosyntactic variation: Direct object clitic processing in Spanish-English bilinguals.

**Berry, G.M.** (In Preparation). Reactive control modulates phonological adaptation.

Gullifer, J.W., Kroll, J.F., Dussias, P.E., **Berry, G.M.**, & Navarro-Torres, C. (In Preparation). What about the syntax? Bilingual word recognition in sentence context.

**Berry, G.M.** (In Preparation). Minority adoption of majority sound change: English in Puerto Rican Philadelphia.

## Other Honors/Awards

- 2018 Ray Lombra Award for Excellence in Research (\$1,000)
- 2017 Humanities Initiative Dissertation Teaching Release, Penn State University
- 2016 Edwin Erle Sparks Fellowship, Penn State University College of the Liberal Arts
- 2016 NSF PIRE Travel Grant, Penn State University Center for Language Science
- 2016 Jesús Díaz Prize for Spanish, Penn State University Dep't. of Spanish, Italian, and Portuguese
- 2015 NSF PIRE Graduate Fellowship, Penn State University Center for Language Science
- 2015 Linguistic Society of America Institute Fellowship
- 2014 Jesús Díaz Prize for Spanish, Penn State University Dep't. of Spanish, Italian, and Portuguese
- 2010 Gabriela Mistral Award, Sigma Delta Pi Spanish Honor Society
- 2010 Senior Leadership Award, Truman State University
- 2010 Outstanding Spanish Student, Truman State University
- 2009 Student-initiated Course Grant, Truman State University (\$1,000)
- 2006 Pershing Scholarship (Tuition, R&B, \$4,000 Study Abroad Stipend), Truman State University
- 2006 Missouri Department of Higher Education Academic Scholarship (\$8,000)

## Invited Talks and Workshops

1. Visualizing linguistic data in R  
Penn State University; Department of Spanish, Italian, and Portuguese; 23 Feb, 2018
2. On the cognitive processing strategies underlying the propagation of sound change  
Penn State University; Center for Language Science Speaker Series; 12 Jan, 2018
3. Dimension reduction methods: Principal component analysis, factor analysis, and *k*-means clustering  
Penn State University Department of Spanish, Italian, and Portuguese; 27 Nov, 2017
4. Best practices in data visualization: An introduction to the *ggplot2* package in R  
University of Pittsburgh; Department of Linguistics; 10 Nov, 2017
5. Echoes from below: Minority adoption of majority sound change  
University of Pittsburgh; Linguistics Colloquium Talk; 10 Nov, 2017
6. Cognitive control, phonological integration, and the propagation of sound change  
University of Pennsylvania; Common Grounds Speaker Series; 12 May, 2017
7. Shrinking down sound change: Cognitive control and phonological adaptation  
Penn State University; Distinguished Language Science Colloquium; 14 April, 2017
8. Using OpenSesame for experiment building  
University of Pennsylvania; Language Variation and Cognition Lab; 29 March, 2017
9. RE-assessment and RE-adjustment: Optimizing random effects in linear mixed effects models  
Guest lecture in LING 660: Research Seminar in Sociolinguistics, University of Pennsylvania (Instructor: Meredith Tamminga). 20 March, 2017
10. Shifting leftward? Syllable duration and pitch anchoring in Central Argentine Spanish  
Ohio State University; Hispanic Linguistics Colloquium; 17 Feb, 2017
11. Dual mechanisms of cognitive control and phonological adaptation  
University of Pennsylvania; Language Variation and Cognition lab; 1 Feb, 2017
12. Phonetic alignment in English as a *lingua franca*: Effects of style, proficiency, and L1 influence  
Penn State University; Center for Global Studies Brown Bag Lecture; 28 Sept, 2016
13. The long and short of it: How alignment and cognitive processing may influence sound change

- Penn State University; Distinguished Language Science Colloquium; 22 April, 2016
14. When *habla* isn't the same as *está hablando*: Grammaticalization of the Spanish Progressive  
Truman State University; Sigma Delta Pi Distinguished Alumni Speaker Series; 7 April, 2016
  15. How a Liberal Arts education prepared me for graduate school  
Truman State University; Sigma Delta Pi Distinguished Alumni Speaker Series; 6 April, 2016
  16. Phonetic alignment and style shifting in English as a *lingua franca*  
Truman State University; Sigma Delta Pi Distinguished Alumni Speaker Series; 5 April, 2016
  17. Using literature in the study of language change  
Truman State University; Sigma Delta Pi Distinguished Alumni Speaker Series; 4 April, 2016
  18. Coming together, splitting apart: Vocalic accommodation in EFL discourse  
Radboud University Nijmegen; Centre for Language Studies; 15 Feb, 2016
  19. Individual differences in the adoption of variable phonology: Preliminary findings  
Max Planck Institute for Psycholinguistics; Sound Learning Lab; 13 Oct, 2015
  20. Prosodic and social predictors of speech in central Argentina: The *tonada cordobesa*  
Universiteit Leiden; Centre for Linguistics; 9 October, 2015
  21. Transcribing in ELAN by Intonation Units  
Penn State University; SPAN 597 Course (Functional Syntax); 26 March, 2015
  22. PRAAT scripting workshop  
University of British Columbia; Speech in Context Lab; 10 March, 2015
  23. Data visualization in R using *ggplot2*  
University of British Columbia; Speech in Context Lab; 9 March, 2015

## Peer-reviewed Conference Talks and Posters

### Papers/Talks

1. **Berry, G.M.** (2018). Minorities in the lead? Puerto Rican adoption of Philadelphia sound changes in-progress. *New Ways of Analyzing Variation* 47. New York University. 18-21 Oct.
2. **Berry, G.M.** (2018). Echoes from below: Puerto Rican adoption of Philadelphia sound changes in-progress. 9th Int'l Workshop on Spanish Sociolinguistics. Queens College. 4-7 April.
3. **Berry, G.M.**, & Ernestus, M. (2016). Alignment-induced phonological variation in non-native dialogue. *New Ways of Analyzing Variation* 45. Simon Fraser University. 3-6 Nov.
4. **Berry, G.M.** (2016). What Puerto Ricans can tell us about the actuation of sound change: Social and cognitive constraints on the adoption of changes-in-progress. 8th Int'l Workshop on Spanish Sociolinguistics. Universidad de Puerto Rico, Río Piedras. 13-16 April.
5. **Berry, G.M.** (2016). Proactive inhibitory control and the adoption of sound changes-in-progress. *Sociolinguistic Variation and Language Processing*. Virginia Tech. 31 March - 2 April.
6. Torres Cacoullós, R., **Berry, G.M.**, Champi, C., Perrotti, L., & Ramos, M. (2015). Expresión variable de los pronombres de sujeto: Diferencias entre *él* y *ella* [Variable expression of subject pronouns: Distinguishing *él* and *ella*]. X Congreso Internacional de la Historia de la Lengua Española [Tenth International Conference on the History of Spanish]. Universidad de Zaragoza. 7-11 Sept.
7. **Berry, G.M.** (2015). A quantitative account of the *tonada cordobesa*: The contribution of pitch, duration, and style in production. Ohio State Congress on Hispanic and Lusophone Linguistics. Ohio State University. 10-11 April.
8. Torres Cacoullós, R., **Berry, G.M.**, Champi, C., Perrotti, L., & Ramos, M. (2014). Early conditioning of Spanish variable subject expression. *New Ways of Analyzing Variation* 43. Chicago. 23-26 Oct.
9. **Berry, G.M.** (2014). Transcribing the 'tune': Prosodic and sociolinguistic properties of the *tonada cordobesa*. First Symposium on Tone and Intonation in the Spanish-Speaking World. University of Massachusetts, Amherst. 10-11 Oct.
10. **Berry, G.M.** (2014). Concretization of a construction: Conditioning the Progressive in 20th-century Spain. Georgetown University Roundtable on Languages and Linguistics. Georgetown. 13-16 March.

11. **Berry, G.M.** (2014). Ghosts in the bilingual machine: The role of language experience in CC resolution strategies for Spanish-English bilinguals. *Current Approaches to Spanish and Portuguese Second Language Phonology*. Georgetown University. 13-16 March.

### Posters

1. **Berry, G.M.** (2018). Cognitive processing strategy and the phonological integration of phonetic variation. 16<sup>th</sup> meeting of the Association for Laboratory Phonology (LabPhon 16). Lisbon. 19-22 June.
2. **Berry, G.M.** (2017). Dual mechanisms of cognitive control modulate the integration of phonological variation. 4<sup>th</sup> Workshop on Sound Change. Edinburgh. 20-22 April.
3. Requena, P.E., & **Berry, G.M.** (2017). A bilingual advantage in processing variation: Evidence for shared morphosyntactic representations. *Symposium on Bilingualism in the Hispanic and Lusophone World (BHL)*. Florida State University. 27-29 Jan.
4. **Berry, G.M.**, & Ernesus, M. (2016). Phonetic alignment in English as a lingua franca. 15th Meeting of the Association for Laboratory Phonology (LabPhon 15). Cornell. 13-16 July.
5. Gullifer, J.W., **Berry, G.M.**, Navarro-Torres, C., Kroll, J.F., & Dussias, P.E. (2016). What about the syntax? Bilingual word recognition in sentence context. *International Meeting of the Psychonomic Society*. Granada, Spain. 5-8 May.
6. **Berry, G.M.**, & Benevento, N. (2016). Contact on a different time scale: Phonetic variation in a longstanding contact variety. *Annual Meeting of the Linguistic Society of America*. Washington, D.C. 7-10 Jan.
7. **Berry, G.M.**, & Torres Cacoullos, R. (2015). Inferring the social from the linguistic: Clustering and stratification in NM Spanish. *Linguistic Society of America Institute*. University of Chicago. 14 July.
8. Gullifer, J.W., Kroll, J.F., Dussias, P.E., Navarro-Torres, C., & **Berry, G.M.** (2015). Using syntactic priming to identify cross-language constraints in bilingual language processing. *International Symposium on Bilingualism*. Rutgers University. 20-24 May.
9. **Berry, G.M.** (2014). Alternating aspect: Conditioning the Progressive in 20th-century Spain. 7th Int'l Workshop on Spanish Sociolinguistics. University of Wisconsin. 3-5 April.
10. Beatty-Martínez, A., **Berry, G.M.**, & Platz, R. (2014). Contrasts in code-switches at the Determiner Phrase. 7th Int'l Workshop on Spanish Sociolinguistics. University of Wisconsin. 3-5 April.

### **Teaching**

#### **Penn State University (\*Indicates course design and instruction)**

Sociolinguistic variation in US Spanish (SPAN 497)*	Spring 2018
The Evolution of Spanish (SPAN 418)*	Fall 2017
Elementary Intensive Spanish (SPAN 002/052)	Summer 2017
Elementary Spanish 2 (SPAN 002)	Spring 2013; Fall 2016
Translation (SPAN 412)*	Summer 2016
Intermediate Intensive Spanish (SPAN 003/053)	Summer 2016
Introduction to Spanish Linguistics (SPAN 215; as Teaching Assistant)	Spring 2015
Intermediate Spanish 3 (SPAN 003)	Fall 2014
Advanced Oral Expression and Communication (SPAN 410)*	Summer 2014
Spanish Phonology (SPAN 414)*	Fall 2013
Introductory Intensive Spanish (SPAN 001/051)	Summer 2013, 2015

## Service to the Profession

- Peer Review** Languages; Language Dynamics and Change; Foreign Language Annals; Bilingualism: Language and Cognition; Attention, Perception, and Psychophysics; Laboratory Phonology; Frontiers: The Journal for Study Abroad; Language Variation and Change
- Department Service** Curriculum Restructuring Consultant; Graduate Student Organization Executive Board (President; Secretary; Int'l Programs Liason); PSUxLing Conference Organizing Committee (Founding Member); Six-year Review Data Analyst; Recruitment Committee; Bilingualism Matters! Newsletter Editor and Bilectalism Outreach Group member

## Membership in Academic Organizations

Acoustical Society of America; Association for Laboratory Phonology; Spanish, Italian, and Portuguese Graduate Student Organization (Penn State); Linguistic Society of America; Phi Beta Kappa; Phi Kappa Phi; Sigma Delta Pi (Rho Rho); Pershing Society (Truman State University)

## Technology & Software Proficiency

- Acoustic Analysis/Transcription PRAAT, ELAN, Audacity; FAVE  
Statistical Packages R, SPSS, Goldvarb; Matlab  
Experimental Implementation OpenSesame, E-Prime, Experiment Builder, Amazon Mechanical Turk  
Markup Languages/Style/Programming CSS, PRAAT; Git; Bash/Z-Shell; Python; R; Julia

## Language Proficiency

- English Native  
Spanish Near-native (C.E.L.U-Avanzado, muy bien)  
Classical Latin Intermediate (reading comprehension)  
Modern Standard Arabic Elementary