

# Grant M. Berry

## Curriculum Vitae

Mendel Science Center G65-C  
Villanova University  
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Villanova, PA 19085

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**Interests:** Language Variation and Change, Phonology, Bilingualism, Cognitive Science, Machine Learning

## Academic Appointments

<b>Assistant Professor</b>	2020-Present
Department of Spanish (~0.6 FTE); Cognitive Science Program (~0.4 FTE) Villanova University (Villanova, PA)	
<b>Director, Language Use and Variation (LUV) Lab</b>	2020-Present
Mendel Science Center G65-B ( <b>Web:</b> luv-lab.info) Villanova University (Villanova, PA)	

## Other Appointments

<b>Applied Scientist II</b>	2021-2022
Amazon Prime Video (Remote); 0.2-0.5 FTE	
<b>Technical Program Manager, Data Quality</b>	2019-2020
Alexa Applied Modeling and Data Services; Amazon (Cambridge, MA)	
<b>Language Engineer</b>	2018-2019
Alexa Household Organization; Amazon Canada (Vancouver, BC)	

## Education and Training

PhD	Dual title in Spanish and Language Science, The Pennsylvania State University	2018
-	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, The Pennsylvania 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 (amounts are rounded to the nearest \$100)

\$35,000	Research Catalyst Grant (co-PL: Joseph C. Toscano), Villanova University	2023
\$1,000	Villanova Match Research Program (Support for 1 <sup>st</sup> -year Student RA)	2023
\$12,000	University SU Grant, Villanova University	2022
\$1,000	Villanova Match Research Program (Support for 1 <sup>st</sup> -year Student RA)	2022
\$3,300	Small Research Grant, Villanova Institute for Research & Scholarship (VIRS)	2021
\$15,100	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
\$3,000	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 (\* denotes undergraduate student collaborators)

### Stuff that's in the Pipeline

- Berry, G.M.** (On Hold). Relative syllable duration and pitch alignment in the Spanish of Córdoba, Argentina. Preprint: 10.31234/osf.io/spfqx
- Berry, G.M.** (In Prep). Sex-differentiated strategies for stereotype avoidance: OH-Lowering in Philadelphia Puerto Rican English. (Submission planned for Dec 2023.)
- Berry, G.M.,** Caselli, J.\* & Gunderson, S.\* (In Prep). Reactive control modulates the integration of segmentally constrained phonetic variation. (Submission planned for April 2024.)

### Published or Forthcoming

- Patchell, A.\*, & **Berry, G.M.** (To Appear). TH-stopping in Philadelphia Puerto Rican English. *Language Variation and Change*.
- Coretta, S., Casillas, J.V.,...**Berry, G.M.**, ..., Roettger, T. (2023). Multidimensional signals and analytic flexibility: Estimating degrees of freedom in human speech analyses. *Advances in Methods and Practices in Psychological Science* 6(3), 25152459231162570.
- Gupta, P., Nelakanti, A., **Berry, G.M.**, & Sharma, A. (2022). Interactive post-editing for verbosity-controlled translation. In *Proceedings of the 29<sup>th</sup> International Conference on Computational Linguistics (COLING 2022)*. <https://aclanthology.org/2022.coling-1.454.pdf>
- Requena, P.E., & **Berry, G.M.** (2021). Cross-linguistic influence in L1 processing of morphosyntactic variation: Evidence from L2 learners. *Applied Psycholinguistics*, 42(1), 153-180. doi:10.1017/S0142716420000685
- Ilola, I., Mikulski, A., Rodriguez-Padial, A., & **Berry, G.M.** (2019). Written feedback in Heritage Spanish classrooms: A national survey of students and educators. *Revista Española de Lingüística Aplicada* [Spanish Journal of Applied Linguistics], 32(2), 543-572. doi: 10.1075/resla.18018.mik
- 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

## Other Honors/Awards

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| 2022 | Echo 25: 25 Exceptional Alumni Under 40, Truman State University                               |
| 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. Why I left academia... and why I came back.  
Basque Center on Cognition, Brain, and Language; 5 May 2022
2. AI and bias: Who's to blame?  
Villanova University; Charles Widger School of Law; 1 Jan 2022
3. From the periphery to the forefront: Puerto Rican English and Philadelphia sound change  
University of Pennsylvania Integrated Language Science & Technology Series; 16 Apr 2021
4. Legal applications of artificial intelligence for social justice  
Villanova University; Charles Widger School of Law; 21 Jan 2021
5. Visualizing linguistic data in R  
Penn State University; Department of Spanish, Italian, and Portuguese; 23 Feb 2018
6. On the cognitive processing strategies underlying the propagation of sound change  
Penn State University; Center for Language Science Speaker Series; 12 Jan, 2018
7. Dimension reduction methods: Principal component analysis, factor analysis, and *k*-means clustering  
Penn State University Department of Spanish, Italian, and Portuguese; 27 Nov 2017
8. Best practices in data visualization: An introduction to the *ggplot2* package in R  
University of Pittsburgh; Department of Linguistics; 10 Nov 2017
9. Echoes from below: Minority adoption of majority sound change  
University of Pittsburgh; Linguistics Colloquium Talk; 10 Nov 2017
10. Cognitive control, phonological integration, and the propagation of sound change  
University of Pennsylvania; Common Grounds Speaker Series; 12 May 2017
11. Shrinking down sound change: Cognitive control and phonological adaptation  
Penn State University; Distinguished Language Science Colloquium; 14 April 2017
12. Using OpenSesame for experiment building  
University of Pennsylvania; Language Variation and Cognition Lab; 29 March 2017
13. 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
14. Shifting leftward? Syllable duration and pitch anchoring in Central Argentine Spanish  
Ohio State University; Hispanic Linguistics Colloquium; 17 Feb 2017
15. Dual mechanisms of cognitive control and phonological adaptation  
University of Pennsylvania; Language Variation and Cognition lab; 1 Feb 2017
16. 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
17. 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
18. 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
19. How a Liberal Arts education prepared me for graduate school  
Truman State University; Sigma Delta Pi Distinguished Alumni Speaker Series; 6 April 2016
20. Phonetic alignment and style shifting in English as a *lingua franca*  
Truman State University; Sigma Delta Pi Distinguished Alumni Speaker Series; 5 April 2016
21. Using literature in the study of language change  
Truman State University; Sigma Delta Pi Distinguished Alumni Speaker Series; 4 April 2016
22. Coming together, splitting apart: Vocalic accommodation in EFL discourse  
Radboud University Nijmegen; Centre for Language Studies; 15 Feb 2016
23. Individual differences in the adoption of variable phonology: Preliminary findings  
Max Planck Institute for Psycholinguistics; Sound Learning Lab; 13 Oct 2015
24. Prosodic and social predictors of speech in central Argentina: The *tonada cordobesa*  
Universiteit Leiden; Centre for Linguistics; 9 October, 2015

25. Transcribing in ELAN by Intonation Units  
Penn State University; SPAN 597 Course (Functional Syntax); 26 March 2015
26. PRAAT scripting workshop  
University of British Columbia; Speech in Context Lab; 10 March 2015
27. 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. Gupta, P., Nelakanti, A., **Berry, G.M.**, & Sharma, A. (2022). Interactive post-editing for verbosity-controlled translation. 29<sup>th</sup> International Conference on Computational Linguistics. Gyeongju, Republic of Korea., 12-17 Oct.
2. **Berry, G.M.** (2022). Cognitive correlates of phonological adaptation: Reactive control predicts participation in simulated sound change. Annual Meeting of the Linguistic Society of America. Washington, D.C., 6-9 Jan.
3. Patchell, A.\*, & **Berry, G.M.** (2022). Do Philly Puerto Ricans say *dat*? An acoustic analysis of TH-Stopping as a change in-progress. Annual Meeting of the Linguistic Society of America. Washington, D.C., 6-9 Jan.
4. **Berry, G.M.** (2021). Cognitive processing strategy and the phonological integration of phonetic variation. New Ways of Analyzing Variation 49. University of Texas at Austin. 19-24 Oct.
5. Requena, P.E., & **Berry, G.M.** (2021). L2 learners' processing of syntactic variation in the L1. Variation and Language Processing 5. University of Copenhagen. 25-27 Aug.
6. **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.
7. **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.
8. **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.
9. **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.
10. **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.
11. Torres Cacoulos, 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.
12. **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.
13. Torres Cacoulos, 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.
14. **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.
15. **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.

16. **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. Requena, P. E. & **Berry, G. M.** (2021). L2 learners' processing of syntactic variation in the L1. Paper to be presented online at the 5th Variation and Language Processing Conference (VALP5). Copenhagen, Denmark. 25-27 Aug.
2. **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.
3. **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.
4. 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.
5. **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.
6. 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.
7. **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.
8. **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.
9. 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.
10. **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.
11. 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** (\*Indicates course design and instruction)

#### **Villanova University**

Sociolinguistic Variation in US Spanish (SPA 3412)*	SP 2023
Fairness in Artificial Intelligence (CGS 5990)*	SP 2023
Phonetics (CGS 5990)*	FA 2022
From Latin to Spanish (SPA 3412)*	FA 2022
Introduction to Translation (SPA 3200)*	SP 2022
Sounds of Spanish (SPA 2124)*	SP 2021, 2023
Bilingualism (CGS 4000/PSY 8900) *	SP 2021, 2022
Advanced Spanish (SPA 1138) *	SP 2021, FA 2023
Linguistics as a Cognitive Science (CGS 2000) *	FA 2020, 2021, 2023
Introduction to Spanish Linguistics (SPA 3214) *	FA 2020, 2021, 2023
	SU 2021, 2022

#### **Penn State University**

Sociolinguistic Variation in US Spanish (SPAN 497)*	SP 2018
The Evolution of Spanish (SPAN 418)*	FA 2017
Elementary Intensive Spanish (SPAN 002/052)	SU 2017

Elementary Spanish 2 (SPAN 002)	SP 2013; FA 2016
Translation (SPAN 412)*	SU 2016
Intermediate Intensive Spanish (SPAN 003/053)	SU 2016
Introduction to Spanish Linguistics (SPAN 215; as TA)	SP 2015
Intermediate Spanish 3 (SPAN 003)	FA 2014
Advanced Oral Expression and Communication (SPAN 410)*	SU 2014
Spanish Phonology (SPAN 414)*	FA 2013
Introductory Intensive Spanish (SPAN 001/051)	SU 2013, 2015

## Student Advising

### Villanova University

<u>Student Name</u>	<u>Program</u>	<u>Relationship</u>	<u>Years (Inclusive)</u>
Emma Pankuck	Psychology/Spanish	Independent Research	2023-Present
Valeria Ruiz	Biology	Independent Research	2023-Present
Mark Faverzani	Computing Science	Research Assistant	2023-Present
Cara Scancarella	Psychology	Independent Research	2022-Present
Chloe Abo	Biology/Spanish	Independent Research	2022-Present
Sophia Gunderson	Biology	Independent Research	2022-Present
Jake Caselli	Cognitive Science	Independent Research	2022-Present
Paul Sánchez-Wangen	Business	Match Fellowship	2023
Meghan Chegwiddden	Psychology	Independent Research	2022-2023
Bilge Koçak	Computing Science	Independent Research	2022-2023
Christian Schaffer	Spanish	Independent Research	2021-2023
Serena Matos	Spanish	Independent Research	2021-2023
Abigail Patchell	Cognitive Science	Independent Research	2020-2023
Eleanore Woodruff	Economics	Independent Research	2021-2022
Louis Pitingolo	Computing Science	Independent Research	2021-2022
Chiara Rego	Cognitive Science	Independent Research	2021-2022
Olivia Tigri	Cognitive Sci/Spanish	Independent Research	2021-2022
Daniel Winkler	Criminology/Spanish	Independent Research	2020-2022
Samantha Mills	Cognitive Science	Independent Research	2021-2021
Xin (Sophia) Tong	Computing Science	Independent Research	2021-2021
Siyu Lin	Cognitive Science	MS Thesis Committee	2020-2021

## 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 (2015-Present); Georgetown University Round Table (2022). Language and Speech; National Science Foundation (2023, 2024)

### Institutional Villanova University

**Service** Job Search Committee (2020-2021); Department Website Administrator (2021-Present); Cognitive Science Faculty Committee (2020-Present); Diversity and Inclusion Committee (2020-2022); Assessment Committee (2020-2022); Language Science Program Curriculum Design (2020-Present); Curriculum Committee (2023-Present); Mid-term Student Satisfaction Survey (2020, 2021); Research Catalyst Grant Reviewer (2023)

### The Pennsylvania State University

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

## Outreach/Media

1. You gotta have rizz to slay – How Oxford chooses its word of the year (12/28/23) | *KYW News Radio*
  - <https://www.audacy.com/podcast/kyn-newsradio-in-depth-0da71/episodes/you-gotta-have-rizz-to-slay-how-oxford-chooses-its-word-of-the-year-25daf>
2. Canelo Álvarez Flexes His Business Muscle (12/07/23) | *Forbes* (Translation/Interpretation Assistance)
  - <https://www.forbes.com/sites/brettknight/2023/12/07/canelo-alvarez-interview-boxing-champion-flexes-his-business-muscle/>
3. Alexa, How do You Work? | *Villanova Magazine* (Fall 2023 Feature)
  - <https://www1.villanova.edu/vu/magazine/fall-2023/features/alexa-how-do-you-work.html>
4. Community Conversations: Sociolinguistics | Main Line Network (Public Access)
  - [https://www.youtube.com/watch?v=H\\_MLbfrsrWQ](https://www.youtube.com/watch?v=H_MLbfrsrWQ)
5. Expert Wordle Tips from Villanova Linguist Dr. Grant Berry (02/02/22) | *KYW News Radio*
  - <https://www.audacy.com/kynnewsradio/podcasts/kyn-newsradio-in-depth-229/expert-wordle-tips-from-villanova-linguist-dr-grant-berry-1229772089>
6. So Does Elmo Have a Philly Accent? We Asked an Expert (01/21/22) | *Philadelphia Magazine*
  - <https://www.phillymag.com/news/2022/01/21/elmo-philadelphia-accent/>
7. Wordle: How to play (and win) like a linguist | *Villanova Experts on the News*
  - <https://www1.villanova.edu/university/experts/spotlight-detail.html?spotlight=8313>
8. Philly Accent: There's a lot youse don't know (02/15/19) | *Philadelphia Inquirer and Daily News*
  - <https://www.inquirer.com/news/philadelphia/philly-accent-philadelphia-english-words-20190215.html>
9. Newsletter contributor/editor | *Bilingualism Matters! @ Penn State University*
  - SU/FA 2018 letter from the Editors | <https://sites.psu.edu/bilingualismmatters>
  - Vowels and language variation | <http://sites.psu.edu/bilingualismmatters/a-e-i-o-u-and-sometimes-y>

## Membership in Academic Organizations

Acoustical Society of America; Psychonomic Society; Association for Laboratory Phonology; Linguistic Society of America; Phi Beta Kappa; Phi Kappa Phi

## Technology & Software Proficiency

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

## Language Proficiency

English	Native
Spanish (ARG, ES, General Am.Lat)	Near-native (C.E.L.U-Avanzado, muy bien)
Classical Latin	Intermediate (reading comprehension)
Portuguese	Elementary (reading comprehension)
Modern Standard Arabic	Elementary (coursework)
Dutch	Elementary (research experience)