

# GRANT M BERRY, PHD

L I N G U I S T . R E S E A R C H E R . P R O B L E M S O L V E R . S T R E S S B A K E R .

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## OVERVIEW

I'm a data-driven researcher, engineer, and program/product manager with over a decade of experience in language sciences and technology. I have experience mentoring and working with diverse teams to build large-scale technical programs, support international product launches, construct complex ontologies, automate redundancies, and communicate technical information to non-specialists. I seek a position that will leverage these interests to help my team deliver quality products to delight our customers.

## EXPERIENCE

### 2021-2022

Applied Scientist, Amazon Prime Video | *Localization Tech*

### 2020-Present

Assistant Professor, Spanish & Cognitive Science | *Villanova U*  
Director, Language Use and Variation Lab | *Villanova U*

### 2019-2020

Technical Program Mgr., Amazon Alexa | *Applied Modeling & Data Science*

### 2018-2019

Language Engineer, Amazon Alexa | *Household Organization*

## OUTREACH

Gotta have *rizz* to *slay*: Oxford's Word of the Year | *KYW News Radio*

Alexa, how do you work? | *Villanova Magazine*

AI & Bias: Who's to blame? | *Villanova Widger School of Law*

Does Elmo have a Philly Accent? | *Philadelphia Magazine*

## PUBLICATIONS

Patchell, A., & **Berry, G.M.** (2024). TH-stopping in Philadelphia Puerto Rican English. *Language Variation and Change*, 36(1), 73-93.

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).

Gupta, P., Nelakanti, A., **Berry, G.M.**, & Sharma, A. (2022). Interactive post-editing for verbosity-controlled translation. Proceedings of *COLING* 2022.

Full list: [<https://scholar.google.com/citations?user=Hf8ez5EAAAAJ&hlj>]

## REFERENCES

Lakshmi Ziskin: Sr. Product Manager, Amazon Prime Video

Nicholas Erho: Research Science Manager, Amazon Alexa

Benjamin Schloss: Sr. ML Engineer, Swoop

Manuel González-Rivero: Sr. Dir., Applied ML, Maxar Technologies

[Contact info available on request]

## EDUCATION

2018 PhD Spanish/Language Science

2010 BS Mathematics

2010 BA Spanish

## TRAININGS

2024 EEG Processing (Radboud U)

2019 Amazon Machine Learning U

2015 Max Planck Institute (mpi.nl)

2015 LSA Institute (U Chicago)

## KEY ACHIEVEMENTS

2023 Research Catalyst Grant (\$35k)

2018 Ray Lombra Award

2017 NSF Dissertation Grant (\$18k)

2011 Fulbright Fellowship (Argentina)

## SELECTED SKILLS

- Data visualization
- Speech science
- Language Localization
- Roadmapping/Scoping
- KPI creation/monitoring
- Agile methodology
- NLP/NLU/LLMs
- Cloud computing
- Version tracking (git)
- Crisp, clear writing

## LANGUAGES/PACKAGES

- **English**: Native fluency
- **Spanish**: Near-native fluency
- **Python 3.x**: scikit-learn, pytorch, pandas, nltk, seaborn, librosa, mne, langchain, huggingface, jupyter
- **R**: tidyverse, rstanarm, lme4, mgcv
- **SQL**: Intermediate
- **Bash**: Intermediate
- **CSS**: Elementary