

## Natasha Tokowicz

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### ACADEMIC POSITIONS

- 2021- **Professor of Psychology and Linguistics (tenured)**, University of Pittsburgh  
2021- **Senior Scientist**, Learning Research & Development Center, University of Pittsburgh  
2014- **Faculty Fellow**, University of Pittsburgh Honors College  
2011-2021 **Associate Professor of Psychology and Linguistics (tenured)**, University of Pittsburgh  
2004-2021 **Research Scientist**, Learning Research & Development Center, University of Pittsburgh  
2004- **Affiliated Faculty**, Center for the Neural Basis of Cognition  
2004-2011 **Assistant Professor of Psychology and Linguistics**, University of Pittsburgh  
  
FA, 2022- **Director of Graduate Studies**, Psychology, University of Pittsburgh  
2021-2022 **Governing Board Member**, SPARK Society  
2021 SP, SU, **Co-Director**, Learning Research & Development Center Internship Program  
2022 SU  
2017, 2018 **Director**, Learning Research & Development Center Summer Internship Program  
2015-2018 **Chair**, Cognitive Psychology Program  
2014-2016 **Lead Organizing Officer**, Women in Cognitive Science  
2011-2020 **Officer**, Women in Cognitive Science

### POST-DOCTORAL EXPERIENCE AND EDUCATION

- 2002-2004 **Post-doctoral Research Fellow, University of Pittsburgh**  
(Mentor: Charles A. Perfetti), Learning Research & Development Center and Center for the Neural Basis of Cognition  
2000-2002 **Post-doctoral Research Fellow, Carnegie Mellon University** (Mentor: Brian MacWhinney), Department of Psychology and Center for the Neural Basis of Cognition  
1998-2000 **Ph.D., Cognitive Psychology**, The Pennsylvania State University at University Park; Minor in Psychobiology (Mentor: Judith F. Kroll)  
1995-1997 **M.S., Cognitive Psychology**, The Pennsylvania State University at University Park (Mentor: Judith F. Kroll)  
1991-1995 **B.A., Psychology, cum laude**, University of Massachusetts at Amherst; Major in Psychology, Minor in Spanish

### ACADEMIC AWARDS, HONORS, AND FELLOWSHIPS

- 2019 Fellow of the Association for Psychological Science  
2018 University Honors College Faculty Fellow Award  
2016 China Council Conference Travel Grant Award  
2015-2016 Discipline-Based Science Education Research Center Mentor-Mentee Award  
2014-2015 Selected to participate in American Psychological Association (APA) Leadership Institute for Women in Psychology  
2014, 2015 Nominated for Chancellor's Distinguished Teaching Award  
2014, 2015 Nominated for Tina and David Bellet Teaching Excellence Award  
2004 Women in Cognitive Science Networking Award  
2002-2003 Principal Investigator, Individual Post-doctoral National Research Service Award (NIH 1 F32 HD42948), "Second language syntactic and semantic development"

CV date: May, 2022

**AUTHORED BOOK**

**Tokowicz, N.** (2014). Lexical processing and second language acquisition. Invited contribution to P. Robinson (Ed.), *Cognitive Science and Second Language Acquisition Book Series*. New York: Routledge. <https://doi.org/10.4324/9780203551387>

**PEER-REVIEWED RESEARCH ARTICLES**

NOTE: my trainee co-authors (\* = graduate; \*\* = undergraduate/post-bac); § = other trainee co-authors; † Tokowicz as senior author

†**Tokowicz, N.**, \*Rice, C., & \*\*Ekves, Z. (in press). Learning the two translations of translation-ambiguous words: Simultaneous vs. consecutive presentation. *Second Language Research*.

Wiener, S., & †**Tokowicz, N.** (2021). Language proficiency is only part of the story: Lexical access in heritage and non-heritage bilinguals. *Second Language Research*, 37, 681–695.

<https://doi.org/10.1177/0267658319877666>

§Bruett, H., \*Calloway, R. C., **Tokowicz, N.**, & Coutanche, M. N. (2020). Neural pattern similarity across concept exemplars predicts memory after a long delay. *NeuroImage*, 219, 117030.

<https://doi.org/10.1016/j.neuroimage.2020.117030>

§Martin, K. I., & †**Tokowicz, N.** (2020). The grammatical class effect is separable from the concreteness effect in language learning. *Bilingualism: Language & Cognition*, 23(3), 554-569.

<https://doi.org/10.1017/s1366728919000233>

\*Rice, C. A., & †**Tokowicz, N.** (2020). A review of laboratory studies of adult second language vocabulary training. *Studies in Second Language Acquisition*, 42(2), 439-470.

<https://doi.org/10.1017/s0272263119000500>

\*Rice, C. A., †**Tokowicz, N.**, Fraundorf, S. H., & \*Liburd, T. L. (2019). The complex interactions of context availability, polysemy, word frequency and orthographic variables during lexical processing. *Memory & Cognition*, 47(7), 1297-1313. <https://doi.org/10.3758/s13421-019-00934-4>

†**Tokowicz, N.** (2019). The critical roles of errors and individual differences in bilingual translation. *Bilingualism: Language and Cognition*, 22, 697–698. [invited commentary]

<https://doi.org/10.1017/s136672891800069x>

\*Tseng, A. M., Doppelt, M. C., & †**Tokowicz, N.** (2018). The effects of transliterations, thematic groupings, and working memory on adult L2 vocabulary learning. *Journal of Second Language Studies*, 1, 141-165. <https://doi.org/10.1075/jsls.17018.tse>

\*Tuninetti, A., & †**Tokowicz, N.** (2018). The influence of a first language: Training non-native listeners on voicing contrasts. *Language, Cognition, and Neuroscience*, 33, 750-768.

<https://doi.org/10.1080/23273798.2017.1421318>

- \*\*Bracken, J., \*Degani, T., \*Eddington, C. M., & †Tokowicz, N.** (2017). Translation semantic variability: How semantic relatedness affects learning of translation-ambiguous words. *Bilingualism: Language and Cognition*, 20, 783-794. <https://doi.org/10.1017/s1366728916000274>
- Degani, T., Prior, A., \*Eddington, C. M., Arêas da Luz Fontes, A., & †Tokowicz, N. (2016). Determinants of translation ambiguity: A within and cross-language comparison. *Linguistic Approaches to Bilingualism*, 6, 290-307. <https://doi.org/10.1075/lab.14013.deg>
- \*Tuninetti, A., Warren, T., & †Tokowicz, N. (2015). Cue strength in second language processing: An eye-tracking study. *Quarterly Journal of Experimental Psychology*, 68, 568-584. <https://doi.org/10.1080/17470218.2014.961934>
- \*Eddington, C. M., & †Tokowicz, N. (2015). How context and meaning similarity influence ambiguous word processing: The current state of the literature. *Psychonomic Bulletin & Review*, 22, 13-37. <https://doi.org/10.3758/s13423-014-0665-7>
- \*Degani, T., \*Tseng, A. M., & †Tokowicz, N. (2014). Together or apart? Learning of ambiguous words. *Bilingualism: Language and Cognition*, 17, 749-765. <https://doi.org/10.1017/s1366728913000837>
- Francis, W. S., Tokowicz, N., & Kroll, J. F. (2014). The consequences of language proficiency and difficulty of lexical access for translation performance and priming. *Memory & Cognition*, 42, 27-40. <https://doi.org/10.3758/s13421-013-0338-1>
- §Presson, N., MacWhinney, B., & Tokowicz, N. (2014). Learning grammatical gender: The use of rules by novice learners. *Applied Psycholinguistics*, 35, 709-737. <https://doi.org/10.1017/s0142716412000550>
- Tokowicz, N.** (2014). Translation ambiguity affects language processing, learning, and representation. In R. T. Miller, K. I. Martin, C. M. Eddington, A. Henery, N. Marcos Miguel, A. M. Tseng, A. Tuninetti & D. Walter (Eds.), *Selected proceedings of the 2012 Second Language Research Forum: Building bridges between disciplines* (pp. 170-180). Somerville, MA: Cascadilla Press.
- \*Tolentino, L. C., & †Tokowicz, N. (2014). Cross-language similarity modulates effectiveness of second language grammar instruction. *Language Learning*, 64, 279-309. <https://doi.org/10.1111/lang.12048>
- §Boada, R., Sánchez-Casas, R., Gavilán, J. M., García-Albea, J. E., & Tokowicz, N. (2013). Effect of multiple translations and cognate status on translation recognition performance of balanced bilinguals. *Bilingualism: Language and Cognition*, 16, 183-197. <https://doi.org/10.1017/s1366728912000223>
- \*Degani, T., & †Tokowicz, N. (2013). Cross-language influences: Translation status affects intra-word sense relatedness. *Memory & Cognition*, 41, 1046-1064. <https://doi.org/10.3758/s13421-013-0322-9>
- \*Eddington, C. M., & †Tokowicz, N. (2013). Examining English-German translation ambiguity using primed translation recognition. *Bilingualism: Language and Cognition*, 16, 442-457. <https://doi.org/10.1017/s1366728912000387>

§Armstrong, B. C., Tokowicz, N., & Plaut, D. C. (2012). eDom: Norming software and relative meaning frequencies for 544 English homonyms. *Behavior Research Methods*, *44*, 1015-1027. <https://doi.org/10.3758/s13428-012-0199-8>

\*Degani, T., Prior, A., & †Tokowicz, N. (2011). Bidirectional transfer: The effect of sharing a translation. *Journal of Cognitive Psychology*, *23*, 18-28. <https://doi.org/10.1080/20445911.2011.445986>

Reichle, E. D., Tokowicz, N., Liu, Y., & Perfetti, C. A. (2011). Testing an assumption of the E-Z Reader Model of eye-movement control during reading: Using event-related potentials to examine the familiarity check. *Psychophysiology*, *48*, 993-1003. <https://doi.org/10.1111/j.1469-8986.2011.01169.x>

\*Tolentino, L. C., & †Tokowicz, N. (2011). Across languages, space, and time: A review of the role of cross-language similarity in L2 (morpho)syntactic processing as revealed by fMRI and ERP. *Studies in Second Language Acquisition*, *33*, 1-34. <https://doi.org/10.1017/s0272263110000549>

\*\*Trude, A. M., & †Tokowicz, N. (2011). Negative transfer from Spanish and English to Portuguese pronunciation: The roles of inhibition and working memory. *Language Learning*, *61*, 259-280. <https://doi.org/10.1111/j.1467-9922.2010.00611.x>

\*Degani, T., & †Tokowicz, N. (2010a). Ambiguous words are harder to learn. *Bilingualism: Language and Cognition*, *13*, 299-314. **\*\*Editor's Pick as influential article (1 of 5 awarded)\*\*** <https://doi.org/10.1017/s1366728909990411>

\*Degani, T., & †Tokowicz, N. (2010b). Semantic ambiguity within and across languages: An integrative review. *Quarterly Journal of Experimental Psychology*, *63*, 1266-1303. <https://doi.org/10.1080/17470210903377372>

Kroll, J. F., van Hell, J. G., Tokowicz, N., & Green, D. W. (2010). The Revised Hierarchical Model: A critical review and assessment. *Bilingualism: Language and Cognition*, *13*, 373-381. <https://doi.org/10.1017/s136672891000009x>

Tokowicz, N., & Warren, T. (2010). Beginning adult L2 learners' sensitivity to morphosyntactic violations: A self-paced reading study. *European Journal of Cognitive Psychology*, *22*, 1092-1106. <https://doi.org/10.1080/09541440903325178>

†Tokowicz, N., & \*Degani, T. (2010). Translation ambiguity: Consequences for learning and processing. In B. VanPatten & J. Jegerski (Eds.), *Research on second language processing and parsing* (pp. 281-293). Amsterdam: John Benjamins. <https://doi.org/10.1075/lald.53.12tok>

van Hell, J. G., & Tokowicz, N. (2010). Event-related brain potentials and second language learning: Syntactic processing in late L2 learners at different L2 proficiency levels. *Second Language Research*, *26*, 43-74. **\*\*Second Language Research's Most Cited Article of 2013.\*\*** <https://doi.org/10.1177/0267658309337637>

\*Tolentino, L. C., & †Tokowicz, N. (2009). Are pumpkins better than heaven?: An ERP investigation of the concrete-word advantage using order effects. *Brain and Language*, *110*, 12-22. <https://doi.org/10.1016/j.bandl.2009.01.001>

**Tokowicz, N., & Kroll, J. F. (2007).** Number of meanings and concreteness: Consequences of ambiguity within and across languages. *Language and Cognitive Processes, 22*, 727-779. <https://doi.org/10.1080/01690960601057068>

**Tokowicz, N., & MacWhinney, B. (2005).** Implicit and explicit measures of sensitivity to violations in second language grammar: An event-related potential investigation. *Studies in Second Language Acquisition, 27*, 173-204. <https://doi.org/10.1017/s0272263105050102>

**Tokowicz, N., Michael, E. B., & Kroll, J. F. (2004).** The roles of study-abroad experience and working-memory capacity in the types of errors made during translation. *Bilingualism: Language and Cognition, 7*, 255-272. <https://doi.org/10.1017/s1366728904001634>

Kroll, J. F., Michael, E., **Tokowicz, N.**, & Dufour, R. (2002). The development of lexical fluency in a second language. *Second Language Research, 18*, 137-171. <https://doi.org/10.1191/0267658302sr201oa>

**Tokowicz, N., Kroll, J. F., de Groot, A. M. B., & van Hell, J. G. (2002).** Number-of-translation norms for Dutch-English translation pairs: A new tool for examining language production. *Behavior Research Methods, Instruments, and Computers, 34*, 435-451. <https://doi.org/10.3758/bf03195472>

## BOOK CHAPTERS, SPECIAL ISSUE PAPERS & ENCYCLOPEDIA ENTRIES

NOTE: my trainee co-authors (\* = graduate; \*\* = undergraduate/post-bac); § = other trainee co-authors; † Tokowicz as senior author

†**Tokowicz, N., & Degani, T. (in press).** *Design challenges: Development of bilingual materials and making appropriate comparisons.* To appear in W. Francis (Ed.) *Bilingualism across the lifespan: Opportunities and challenges for cognitive research in a global society.* Routledge. [invited contribution]

Schwietzer, J. W., & **Tokowicz, N. (2015).** Bilingual processing: A dynamic and rapidly developing field. In J. W. Schwietzer (Ed.). *The Cambridge Handbook of Bilingual Processing* (pp. 3-26). Cambridge: Cambridge University Press. [invited contribution] <https://doi.org/10.1017/cbo9781107447257.001>

†**Tokowicz, N., & Degani, T. (2015).** Learning second language vocabulary: Insights from laboratory studies. In J. W. Schwietzer (Ed.). *The Cambridge Handbook of Bilingual Processing* (pp. 216-233). Cambridge: Cambridge University Press. [invited contribution] <https://doi.org/10.1017/cbo9781107447257.009>

\*Tseng, A. M., §Chang, L.-Y., & †**Tokowicz, N. (2014).** Translation ambiguity between English and Mandarin Chinese: The roles of proficiency and word characteristics. In J. Schwietzer and A. Ferreira (Eds.), *The development of translation competence: Theories and methodologies from psycholinguistics and cognitive science* (pp. 107-165). Cambridge: Cambridge Scholars Publishing. [invited contribution]

**Tokowicz, N. (2013).** Bilingual language processing. In H. Pashler (Ed.) *Encyclopedia of the Mind, Vol. 1* (pp. 114-115). Sage Publications. [invited contribution] <https://doi.org/10.4135/9781452257044.n43>

†**Tokowicz, N.**, & \***Tuninetti, A.** (2013). Formal models of bilingual lexicons. In C. A. Chapelle (Ed.), *The Encyclopedia of Applied Linguistics* (pp. 2173–2179): Wiley-Blackwell. [invited contribution] <https://doi.org/10.1002/9781405198431.wbeal0431>

Li, P., & **Tokowicz, N.** (2012). Psycholinguistics of second language acquisition. In P. Robinson (Ed.), *The Routledge Encyclopedia of Second Language Acquisition* (pp. 526-534). New York, New York: Taylor & Francis.

**Tokowicz, N.** (2012). Revised hierarchical model. In P. Robinson (Ed.), *The Routledge Encyclopedia of Second Language Acquisition* (pp. 559-562). New York, New York: Taylor & Francis. [invited contribution]

†**Tokowicz, N.**, & \***Degani, T.** (2012). Lexical concepts. In P. Robinson (Ed.), *The Routledge Encyclopedia of Second Language Acquisition* (pp. 386-389). New York, New York: Taylor & Francis. [invited contribution]

Michael, E. B., **Tokowicz, N.**, \***Degani T.**, & \*\***Smith, C. J.** (2011). Individual differences in the ability to resolve translation ambiguity across languages. *Vigo International Journal of Applied Linguistics*, 8, 79-97. [Invited contribution to special issue on Language and Cognition]

**Tokowicz, N.**, & Warren, T. (2008). Quantification and statistics. In L. Wei & M. Moyer (Eds.), *The Blackwell guide to research methods in bilingualism and multilingualism* (pp. 214-231). Malden, MA: Blackwell Publishers. \*\***Winner of the 2009 British Association of Applied Linguistics Book Prize**\*\* [invited contribution] <https://doi.org/10.1002/9781444301120.ch12>

Kroll, J. F., & **Tokowicz, N.** (2005). Models of bilingual representation and processing: Looking back and to the future. In J. F. Kroll & A. M. B. de Groot (Eds.), *Handbook of bilingualism: Psycholinguistic approaches* (pp. 531-553). New York: Oxford University Press.

**Tokowicz, N.**, & Perfetti, C. A. (2005). Introduction to Part II: Comprehension. In J. F. Kroll & A. M. B. de Groot (Eds.), *Handbook of bilingualism: Psycholinguistic approaches* (pp. 173-177). New York: Oxford University Press.

Kroll, J. F., & **Tokowicz, N.** (2001). The development of conceptual representation for words in a second language. In J. L. Nicol (Ed.), *One mind, two languages: Bilingual language processing* (pp. 49-71). Malden, MA: Blackwell Publishers.

## PEER-REVIEWED DIVERSITY, EQUITY, AND INCLUSION BOOK CHAPTERS

Feldman, L. B., Van Hell, J., Kroll, J., Rajaram, S., & **Tokowicz, N.** (2013). Interactive Panel Discussion: Professional advancement through real and virtual international collaboration. In *Proceedings of the Annual Meeting of the Cognitive Science Society* (Vol. 35, No. 35).

**Tokowicz, N.** (2020). The Learning Research and Development Center summer undergraduate research internship: A diversity internship in the Learning Sciences. In R. D. Roscoe, E. K. Chiou, & A. R. Wooldridge (Eds.) *\*\*Advancing Diversity, Inclusion, and Social Justice through Human Systems Engineering* (pp. 215-220). CRC Press, Taylor and Francis Group. [invited contribution]  
<https://doi.org/10.1201/9780429425905-14>

**\*\*Winner of the "Outstanding Academic Title" recognition by Choice for the 2020 OAT Awards\*\***

## PUBLISHED ACCESSIBLE SUMMARIES (OASIS Project [oasis-database.org](https://oasis-database.org))

Parrish, A., **Tokowicz, N.**, Warren, T., & Marsden, E., (2018). The effect of language similarity on second language grammar instruction. *OASIS Summary* of Tolentino & Tokowicz (2014) in *Language Learning*.

Keppenne, V., **Tokowicz, N.**, & MacWhinney, B. (2018). L2 reading comprehension: Do learners access grammatical rules? *OASIS Summary* of Tokowicz & MacWhinney (2005) in *Studies in Second Language Acquisition*.

## PUBLISHED INTERVIEW

Zaykovskaya, I., & Green-Eneix, C. (2020). Interviews with SLRF Mentors. *MSU Working Papers in Second Language Studies*, 10(1).

## MANUSCRIPTS UNDER REVIEW

NOTE: my trainee co-authors (\* = graduate; \*\* = undergraduate/post-bac); § = other trainee co-authors; † Tokowicz as senior author

†**Tokowicz, N.** (accepted pending minor revision). *The translation ambiguity disadvantage in language processing: The influence of proficiency*. [invited contribution]

## MANUSCRIPTS IN PREPARATION

NOTE: my trainee co-authors (\* = graduate; \*\* = undergraduate/post-bac); § = other trainee co-authors; † Tokowicz as senior author

\*Terrazas, G., \*\*Lofters, A., & †**Tokowicz, N.** (in preparation). *Translation ambiguity effects for identical and close cognates*.

\*Terrazas, G., & †**Tokowicz, N.** (in preparation). *Alleviating the translation-ambiguity disadvantage: Using a placeholder to signal an upcoming translation*.

†**Tokowicz, N.**, \*\*Melcher, E., & \*Terrazas, G. (in invited revision). *Sleeping musicians perform better than musical sleepers: Musical training and ability interact in second language translation-ambiguous word learning*.

**Tokowicz, N. & \*Tkacikova, V.** (in preparation). *The Neurolinguistics of the L2 Lexico-Semantic System*. To appear in K. Morgan-Short & J. G. van Hell (Eds.) *Routledge Handbook of Second Language Acquisition and Neurolinguistics*. [invited contribution]

**Tokowicz, N. & Tuninetti, A.** (in preparation). Formal models of bilingual lexicons. In C. A. Chapelle (Ed.), *The Encyclopedia of Applied Linguistics* (2<sup>nd</sup> Ed.): Wiley-Blackwell. [invited contribution]

## EXTERNAL RESEARCH SUPPORT

- |                                |  |
|--------------------------------|--|
| In Preparation, Target: 7/2022 | National Science Foundation<br>"Augmented Intelligence for Post-editing of Machine Translation (AIPOEM)"<br>Role: Co-Principal Investigator (Co-PIs: Michael Carl, Ruoming Jin Isabel Lacruz, Kent State University)<br>Total Costs: \$502,650                           |
| Submitted 1/2022               | National Science Foundation<br>"How does semantic similarity affect vocabulary learning in a new language?"<br>Role: Co-Investigator (PI: Bonnie Nozari, Carnegie Mellon University)<br>Total Costs: \$967,865   |
| Submitted 1/2022               | National Science Foundation<br>"Literacy, Education, and Language Processing: Special Sessions at the Human Sentence Processing 2023 Conference"<br>Role: Co-Principal Investigator (PI: Scott Fraundorf, Co-PIs: Michael Dickey, Tessa Warren)<br>Total Costs: \$39,711 |
| 2020-2025                      | National Science Foundation<br>"Why Does Musical Ability Help You Learn a Second Language? Testing the Mediating Role of Working Memory"<br>Role: Principal Investigator (Co-I: L. Robert Slevc, University of Maryland)<br>Total Costs: \$643,526                       |
| 2020-2023                      | National Science Foundation<br>"The Impact of Semantic Granularity on Memory Reactivation"<br>Role: Faculty Associate (PI: Marc Coutanche)<br>Total Costs: \$480,113   |
| 2015-2017<br>NCE to 2018       | National Science Foundation<br>"Doctoral Dissertation Research: Nonnative Phonetic Perception in Adult L2 Learners"<br>Role: Principal Investigator (Co-PI: Alba Tuninetti)<br>Total costs: \$18,480.00  |

- 2014-2018 National Institutes of Health  
 "Cognitive Load in the Bilingual Brain: Insights from Decoupled Reading"  
 Role: Consortium PI (PI: Stephen Goldinger, Arizona State University; Consortium PI: Megan Papesh, Louisiana State University; Consortium PI: Erik Reichle, Macquarie University)  
 Total costs: \$2,505,370 (Consortium total costs: \$768,981)
- 2013-2016 National Science Foundation  
 "Doctoral Dissertation Research: Effects of Within and Cross-Language Ambiguity for Word Learning and Processing"  
 Role: Principal Investigator (Co-PI: C. M. Eddington)  
 Total costs: \$17,558.00
- 2013-2015 Spanish Ministry of Education and Science  
**(Renewal)** "Procesamiento Léxico y Sintáctico en el Hablante Bilingüe: Variables que Influyen en la Activación entre Lenguas" ("Lexical and Syntactic Processing in Bilingual Speakers: Variables that Influence Language Interaction")  
 Role: Investigator (PI: Pilar Ferré, Universitat Rovira i Virgili)
- 2011-2013 National Science Foundation  
 "Doctoral Dissertation Research: Bidirectional Transfer: Consequences of Translation Ambiguity For Bilingual Word Meaning"  
 Role: Principal Investigator (Co-PI: Tamar Degani)  
 Total costs: \$9,268.00
- 2010-2012 Spanish Ministry of Education and Science  
 "Procesamiento Léxico y Sintáctico en la Adquisición de Segundas Lenguas" ("Lexical and Syntactic Processing in Second Language Acquisition")  
 Role: Investigator (PI: José García-Albea/Rosa Sánchez-Casas, Universitat Rovira i Virgili)
- 2010-2011 University of Maryland Center for the Advanced Study of Language  
 "Brain Fitness Training for Foreign Language Learning Growth"  
 Role: Co-PI (PI: Walter Schneider; Co-PI: Jingtao Wang)  
 Total costs: \$297,617
- 2009-2011 The Defense Advanced Research Projects Agency  
**(Renewal)** "Biologically accelerated learning technology: Phase II"  
 Role: PI, Language Core/Co-Principal Investigator (PI: Walter Schneider; Co-PIs: Ted Huppert, Jarrod Moss, Christian Schunn)  
 Total costs: \$2,172,535 (Language Core Subcontract \$290,000)
- 2008-2011 National Science Foundation  
 "Resolving cross-language ambiguity: Consequences for processing and learning"  
 Role: Principal Investigator  
 Total costs: \$188,000
- 2008-2009 *Language Learning: A Journal of Research in Language Studies* Early Career Research Grant  
 "The consequences of form and meaning ambiguity for adult language learning"  
 Role: Principal Investigator  
 Total costs: \$10,000

2007-2008 The Defense Advanced Research Projects Agency  
 “Biologically accelerated learning technology: Phase I”  
 Role: PI, Language Core/Co-Principal Investigator (PI: Walter Schneider; Co-PIs:  
 Kurt VanLehn, Christian Schunn)  
 Total costs: \$1,865,782

## **EXTERNAL DIVERSITY, EQUITY, AND INCLUSION SUPPORT**

2018-2021 National Science Foundation  
 NCE to 2023 “Women in Cognitive Science: International Collaboration, Scientific  
 Advancement, Workplace Culture”  
 Role: Co-Principal Investigator (PI: Suparna Rajaram: SUNY at Stony Brook; Co-  
 PI: Laurie Feldman, SUNY Albany; Co-PI: Judith Kroll, University of California,  
 Riverside)  
 Total Costs: \$49,987

2016-2018 National Science Foundation  
 NCE to 2018 “Women in Cognitive Science: Mentoring, Negotiation, and Obtaining Funding”  
 Role: Principal Investigator  
 Total Costs: \$20,000 (supplement in collaboration with the Office of International  
 Science and Engineering)

2014-2016 National Science Foundation  
 NCE to 2018 “Women in Cognitive Science: Mentoring, Negotiation, and Obtaining Funding”  
 Role: Principal Investigator (Co-PI: Debra Titone, McGill University)  
 Total Costs: \$48,400

2013-2015 National Science Foundation  
 “Women in Cognitive Science: Professional Development and Building Networks”  
 Role: Co-Principal Investigator (PI: Janet van Hell, Penn State University; Co-PI:  
 Laurie Feldman, SUNY Albany)  
 Total costs: \$18,950

## **INTERNAL RESEARCH SUPPORT**

2017-2019 Learning Research and Development Center Internal Award  
 “Integrating fMRI and EEG to Examine Learning and Memory Consolidation”  
 Role: Principal Investigator (MPI: Marc Coutanche)  
 Total costs: \$49,515

2006-2008 University of Pittsburgh Research Council Grant  
 “The influence of ambiguity in processing a second language”  
 Role: Principal Investigator  
 Total costs: \$10,575

2005-2007 University of Pittsburgh Research Council Grant  
 “Second language learning in the brain”  
 Role: Principal Investigator  
 Total costs: \$12,425

- 2006 University of Pittsburgh College of Arts and Sciences Research Expense Grant  
“Processing objects with gender”  
Role: Principal Investigator  
Total costs: \$500
- 2005-2006 Pittsburgh Science of Learning Center Project  
“Robust vocabulary learning and sentence processing in French”  
Role: Project Principal Investigator  
Total costs (Subcontract): \$78,351
- 2005 University of Pittsburgh College of Arts and Sciences Research Expense Grant  
“Learning second language grammar: Improving error detection”  
Role: Principal Investigator  
Total costs: \$1,400

### INTERNAL DIVERSITY, EQUITY, AND INCLUSION SUPPORT

- 2019-2021 Office of the Chancellor Seed Project Grant  
“Learning Research and Development Center Undergraduate Summer Internship Program”  
Role: Principal Investigator (MPI: Timothy Nokes-Malach)  
Total costs: \$50,000

### CONFERENCE RESEARCH PRESENTATIONS (since 2006)

NOTE: my trainee co-authors (\* = graduate; \*\* = undergraduate/post-bac); § = other trainee co-authors

**Tokowicz, N., & \*Terrazas, G.** (2022, August 29-September 1). The effects of within-language ambiguity across languages: Translation ambiguity’s sources, prevalence, and influence on bilinguals. In K. Rastle (Chair), *Uncovering the meanings of ambiguous words: New thinking from corpus, computational, and behavioural perspectives* [Symposium]. The European Society for Cognitive Psychology, Lille, France.

\*Tkacikova, V., A., Rice, C. A., Armstrong, B., & **Tokowicz, N.** (2021, November). *Trust your senses: The effects of subjectively normed polysemy on lexical processing*. Poster presented at the 62<sup>nd</sup> Annual Meeting of the Psychonomic Society.

\*Tovar, A., & **Tokowicz, N.** (2021, November). *Can sentence generation eliminate the translation-ambiguity disadvantage?* Poster presented at the 62<sup>nd</sup> Annual Meeting of the Psychonomic Society.

\*Terrazas, G., **Tokowicz, N.**, & Lofters, A. (2021, July) The effects of partial vs. complete cognate overlap on learning translation ambiguous and unambiguous words across languages. Poster presented at the EuroSLA 30 Conference.

\*\*Goyal, D. P., Hoshino, N. & **Tokowicz, N.** (2021, May). *Number-of-translation norms for English-Japanese translation pairs*. Poster presented at the Annual Meeting of the Association for Psychological Science.

\*\*Goyal, D. P., Hoshino, N. & **Tokowicz, N.** (2021, April). *Examining English to Japanese translation ambiguity through number-of translation norms*. Poster presented at the 24th Annual Laurel Highlands Undergraduate Psychology Research Conference.

§Bruett, H., \*Calloway, R., **Tokowicz, N.**, & Coutanche, M. (2019, November). *Neural reactivation after a month-long delay for word-concept associations*. Poster presented at the 60<sup>th</sup> Annual Meeting of the Psychonomic Society, Montreal, Canada.

\*\*Melcher, E., **Tokowicz, N.**, & \*Terrazas, G. (2019, September). *Match the Melodies: Do musical ability and training frequency affect translation-ambiguous word learning?* Paper presented at the Second Language Research Forum, East Lansing, MI.

\*Rice, C., & **Tokowicz, N.** (2019, September). *Using the generation effect to mitigate the translation-ambiguity disadvantage*. Poster presented at the Second Language Research Forum, East Lansing, MI.  
\*\*3<sup>rd</sup> Place Poster Award\*\*

**Tokowicz, N.**, & \*Calloway, R., (2019, September). *Swedish vs. Speedish: Musical ability relates to early ERP effects during second language learning*. Poster presented at the Annual Meeting of the Society for Psychophysiological Research, Washington, D.C.

\*Terrazas, G., \*\*Lofters, A., & **Tokowicz, N.** (2019, June). *Learning words that look the same across languages: Examining the translation-ambiguity disadvantage in naïve Dutch learners*. Poster presented at the Twelfth International Symposium on Bilingualism, Alberta, Canada.

**Tokowicz, N.**, Degani, T., Tuninetti, A., & Tolentino, L. C. (2019, June). *The effects of translation ambiguity in bilingual language production and recognition: The role of context*. Paper presented at the Twelfth International Symposium on Bilingualism, Alberta, Canada.

\*Terrazas, G., & **Tokowicz, N.** (2018, November). *Alleviating the translation-ambiguity disadvantage: Effects of individual differences on the use of a placeholder to represent translation-ambiguous words*. Poster presented at the 59<sup>th</sup> Annual Meeting of the Psychonomic Society, New Orleans, LA.

**Tokowicz, N.**, \*Rice, C., & \*Terrazas, G. (2018, June). *Words with multiple translations across languages: Alleviating the learning disadvantage*. In X. Fang (Chair), *Knowledge interactions in word learning within and across languages*. Symposium conducted at the 6th International Workshop on Advanced Learning Sciences, Pittsburgh, PA.

Tuninetti, A. & **Tokowicz, N.** (2018, May). *Constructing L2 phonetic categories: The influence of variability in neural responses during training*. Paper presented at the *Hanyang International Symposium on Phonetics and Cognitive Sciences of Language*, Seoul, Korea.

Tuninetti, A. & **Tokowicz, N.** (2018, May). *Constructing L2 phonetic categories: The influence of variability in neural responses during training*. Poster presented at the 2nd Annual Symposium on Bilingual and L2 processing in Adults and Children, Braunschweig, Germany.

**Tokowicz, N.** & Warren, T. (2018, March). *Accessible summaries: Views from researchers*. In E. Marsden (Chair), *Extending the reach of research: Establishing and sustaining a culture of accessible summaries of second language research*. Symposium conducted at the meeting of the American Association of Applied Linguistics, Chicago, IL.

\*Rice, C., \*\*Ekves, Z., & **Tokowicz, N.** (2017, November). *Mitigating the translation-ambiguity disadvantage: The effect of presenting multiple translations simultaneously*. Poster presented at the 58<sup>th</sup> Annual Meeting of the Psychonomic Society, Vancouver, British Columbia, Canada.

\*Terrazas, G., & **Tokowicz, N.** (2017, November) *Alleviating the translation-ambiguity disadvantage: Using a placeholder to signal an upcoming translation*. Poster presented at the 58<sup>th</sup> Annual Meeting of the Psychonomic Society, Vancouver, British Columbia, Canada.

\*Rice, C., & **Tokowicz, N.** (2017, October). *Teaching translation-ambiguous words: Simultaneous or consecutive order of presentation*. Poster presented at the Second Language Research Forum, Columbus, OH. **\*\*Winner of the Best Poster Award\*\***

§Abdollahi, F., **Tokowicz, N.**, & van Hell, J. G. (2016, November). *Second language learning in child and adult classrooms: Neurocognitive correlates of syntactic processing*. Poster presented at the 57<sup>th</sup> Annual Meeting of the Psychonomic Society, Boston, MA.

Eddington, C. M., & **Tokowicz, N.** (2016, November). *How meaning similarity impacts learning novel meanings*. Poster presented at the 57<sup>th</sup> Annual Meeting of the Psychonomic Society, Boston, MA.

\*\*Koch, G. E., **Tokowicz, N.**, & Warren, T. (2016, November). *Translation ambiguity and individual differences affect L2 vocabulary learning in bilinguals and monolinguals*. Poster presented at the 57<sup>th</sup> Annual Meeting of the Psychonomic Society, Boston, MA.

\*Rice, C., Balass, M., & **Tokowicz, N.** (2016, November). *Effects of consecutive and random presentation of varied contexts on the acquisition of new word meaning*. Poster presented at the 57<sup>th</sup> Annual Meeting of the Psychonomic Society, Boston, MA.

\*Eddington, C. M., & **Tokowicz, N.** (2015, November). *Mapping ambiguous word meanings to L2 Vocabulary: Differences between polysemes and homonyms*. Poster presented at the 56<sup>th</sup> Annual Meeting of the Psychonomic Society, Chicago, IL.

\*Rice, C. **Tokowicz, N.**, Fraundorf, S. H., \*Liburd, T. L. (2015, November). *The polysemy advantage in lexical access: The role of context availability and orthographic neighborhood variables*. Poster presented at the 56<sup>th</sup> Annual Meeting of the Psychonomic Society, Chicago, IL.

\*\*Narzikul, K., \*Tolentino, L. C., & **Tokowicz, N.** (2015, October). *Second language learning and musical ability: An ERP study*. Poster presented at the 55<sup>th</sup> Annual Meeting of the Society for Psychophysiological Research, Seattle, WA.

\*Eddington, C. M., **Tokowicz, N.** (2015, May). *Effects of cross language ambiguity on word learning and processing*. Poster presented at the Tenth International Symposium on Bilingualism, New Brunswick, New Jersey.

\*Tuninetti, A., **Tokowicz, N.**, Warren, T., & \*Rivera-Torres, K. (2015, May). *Translation ambiguity and individual differences in L2 vocabulary learning*. Paper presented at the Tenth International Symposium on Bilingualism, New Brunswick, New Jersey.

\*Eddington, C. M., & **Tokowicz, N.** (2015, March). *Effects of cross language ambiguity on word learning and processing*. Poster presented at the Twenty-Second Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.

Jackson, C. N., \*Eddington, C., **Tokowicz, N.**, van Hell, J. G., & Kotz, S. A. (2014, November). *The (non)interaction of verb argument and prosodic information during L1 and L2 comprehension: An auditory ERP study*. Paper presented at the Fifty-Fifth Annual Meeting of the Psychonomic Society, Long Beach, CA.

\*Liburd, T. L., Warren, T., & **Tokowicz, N.** (2014, November). *Investigating prediction in L2 morpho-syntax: An eye tracking study*. Poster presented at the Fifty-Fifth Annual Meeting of the Psychonomic Society, Long Beach, CA.

**Tokowicz, N.**, \*Tuninetti, A., Warren, T., & \*Rivera-Torres, K. (2014, November). *Translation ambiguity and individual differences in L2 vocabulary learning*. Poster presented at the Fifty-Fifth Annual Meeting of the Psychonomic Society, Long Beach, CA.

Donnelley-Adams, K., van Hell, J. G., & **Tokowicz, N.** (2013, November). *Effects of translation ambiguity in bilingual word association*. Poster presented at the Fifty-Fourth Annual Meeting of the Psychonomic Society, Toronto, Canada.

Jackson, C., \*Eddington, C.M., **Tokowicz, N.**, & Kotz, S.A. (2013, October). *Using ERPs to investigate the interaction between syntax and prosody in L2 processing*. Poster presented at the 32nd Annual Second Language Research Forum, Provo, UT.

\*Degani, T., Warren, T., & **Tokowicz, N.** (2013, August). *Reading patterns in non-native and bilingual readers: Semantic effects*. Paper presented at the Eighteenth Meeting of the European Society for Cognitive Psychology, Budapest, Hungary.

Kroll, J. F., **Tokowicz, N.**, Dussias, P. E., & van Hell, J. G. (2013, August). *From Tarragona to Pennsylvania: Collaborations on bilingual language processing*. In J. E. García-Albea (Chair), *Bringing bilinguals to the heart of psycholinguistics: A tribute to the memory of Rosa Sanchez-Casas*. Symposium conducted at the Eighteenth Annual Meeting of the European Society for Cognitive Psychology, Budapest, Hungary.

\*Eddington, C. M., Degani, T., & **Tokowicz, N.** (2013, June). *Translation ambiguity affects word recognition in the first and second language*. Paper presented at the 9<sup>th</sup> International Symposium on Bilingualism, Singapore.

\*Martin, K. I., \*Eddington, C. M., & **Tokowicz, N.** (2013, June). *Cognitive individual differences and meaning-based strategies in early foreign language vocabulary learning*. Paper presented at the 9<sup>th</sup> International Symposium on Bilingualism, Singapore.

- \*Tseng, A. M., \*Chang, L., & **Tokowicz, N.** (2013, June). *Translation ambiguity across different levels of proficiency*. Poster presented at the 9<sup>th</sup> International Symposium on Bilingualism, Singapore.
- \*Tuninetti, A., **Tokowicz, N.**, & Sánchez-Casas, R. (2013, June). *Non-native phonological perception in bilinguals' language processing*. Paper presented at the 9<sup>th</sup> International Symposium on Bilingualism, Singapore.
- Degani, T., \*Phillips, A. M., & **Tokowicz, N.** (2012, November). *Individual differences modulate effects of translation-ambiguity during learning*. Poster presented at the Fifty-third Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- \*Phillips, A. M., \*Eddington, C. M., \*Phillips, J. S., & **Tokowicz, N.** (2012, November). *Far transfer from adaptive cognitive training to L2 vocabulary learning*. Poster presented at the Fifty-third Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- Degani, T., & **Tokowicz, N.** (2012, October). *How translation status affects intra-word sense relatedness*. Paper presented at the Thirty-first Second Language Research Forum, Pittsburgh, PA.
- \*Eddington, C. M., §Martin, K. I., & **Tokowicz, N.** (2012, October). *How meaning-based strategies and the generation effect influence German vocabulary learning*. Paper presented at the UIC BilForum, Chicago, IL.
- \*Tuninetti, A., **Tokowicz, N.**, & Warren, T. (2012, October). *Cross-language similarity in L2 processing: an eye-tracking study*. Paper presented at the UIC BilForum, Chicago, IL.
- Degani, T., \*Phillips, A. M., & **Tokowicz, N.** (2012, July). *The effect of translation ambiguity on foreign-language word-learning*. Paper presented at the Sixth Meeting of The Israel Association for Literacy and Language, Kiryat Ono, Israel.
- Degani, T., & **Tokowicz, N.** (2012, July). *The effect of translation status on intra-word sense semantic relatedness*. Paper presented at the Sixth Meeting of The Israel Association for Literacy and Language, Kiryat Ono, Israel.
- \*Tuninetti, A., **Tokowicz, N.**, & Warren, T. (2011, November). *Cross-language similarity in second language learning: An eye-tracking study*. Paper presented at the Fifty-second Annual Meeting of the Psychonomic Society, Seattle, WA.
- Tokowicz, N.**, \*Tolentino, L. C., Warren, T., & \*Tuninetti, A. (2011, September). *The role of proficiency in the influence of L1/L2 differences on L2 processing*. In N. Tokowicz & J. G. van Hell (Chairs), *Bilingual word and sentence processing: Electrophysiological investigations*. Symposium conducted at the Seventeenth Annual Meeting of the European Society for Cognitive Psychology, Donostia-San Sebastián, Spain.
- van Hell, J. G., & **Tokowicz, N.** (2011, September). *Cross-language transfer and morphosyntactic processing: Event-related potential and behavioral evidence in Dutch-English and English-Spanish bilinguals*. In P. Román & S. Kotz (Chairs), *L1 influences on L2 revisited*. Symposium conducted at the Seventeenth Annual Meeting of the European Society for Cognitive Psychology, Donostia-San Sebastián, Spain.

\*Phillips, A., Jarbo, K. G., & Tokowicz, N. (2011, June). *Individual differences in adult second language vocabulary learning*. Poster presented at the Eighth International Symposium on Bilingualism, Oslo.

\*Tolentino, L. C., & **Tokowicz, N.** (2011, June). *Second language Swedish morphosyntactic instruction and cross-language similarity: An ERP investigation*. Paper presented at the Eighth International Symposium on Bilingualism, Oslo.

\*Tuninetti, A., **Tokowicz, N.**, & Warren, T. (2011, June). *Cross-language similarity in L2 learning: An eye-tracking study*. Poster presented at the Eighth International Symposium on Bilingualism, Oslo.

\*Eddington, C. M., & **Tokowicz, N.** (2010, November). *The roles of priming and translation dominance in resolving translation ambiguity*. Poster presented at the Fifty-first Annual Meeting of the Psychonomic Society, St. Louis, MO.

\*Degani, T., \*Eddington, C. M., **Tokowicz, N.**, & Prior, A. (2009, November). *Comparing within-language and cross-language word ambiguity*. Poster presented at the Fiftieth Annual Meeting of the Psychonomic Society, Boston, MA.

**Tokowicz, N.**, & Jarbo, K. J. (2009, November). *The generation effect applied to second language vocabulary learning*. Poster presented at the Fiftieth Annual Meeting of the Psychonomic Society, Boston, MA.

van Hell, J. G., & **Tokowicz, N.** (2009, August). *The cognitive science of bilingualism*. Paper presented at the Thirty-first Annual Meeting of the Cognitive Science Society, Amsterdam, The Netherlands.

van Hell, J. G., & **Tokowicz, N.** (2009, July). *Lexical development and the Revised Hierarchical Model: Mapping form to meaning in different learning contexts*. Paper presented at the Seventh International Symposium on Bilingualism, Utrecht, The Netherlands.

**Tokowicz, N.** & \*Degani, T. (2009, May). *Translation ambiguity: Consequences for learning and processing*. Paper presented at the Second Language Processing and Parsing: State of the Science Conference at Texas Tech University, Lubbock, TX.

**Tokowicz, N.** & \*Tolentino, L. C. (2009, March). *Development of sensitivity to L2 grammatical violations*. Paper presented at the Annual Meeting of the Eastern Psychological Association, Pittsburgh, PA.

**Tokowicz, N.**, & \*Degani, T. (2008, November). *Body part or baby cow?: Ambiguous words like "calf" are harder to learn*. Paper presented at the Forty-Ninth Annual Meeting of the Psychonomic Society, Chicago, IL.

\*Degani, T., Prior, A., & **Tokowicz, N.** (2007, November). *English words connected via Hebrew morphology - L1-L2 bidirectional effects on semantic similarity*. Poster presented at the Forty-Eighth Annual Meeting of the Psychonomic Society, Long Beach, CA.

**Tokowicz, N., Michael, E. B., & \*\*Smith, C. J.** (2007, November). *Choices, choices, choices: The consequences of activating too many translation alternatives*. Paper presented at the Forty-Eighth Annual Meeting of the Psychonomic Society, Long Beach, CA.

\*Tolentino, L. C., & **Tokowicz, N.** (2007, November). *The relationship between implicit and explicit second-language processing: The role of cross-language similarity*. Poster presented at the Forty-Eighth Annual Meeting of the Psychonomic Society, Long Beach, CA.

\*Degani, T., Prior, A., & **Tokowicz, N.** (2007, May). *How sharing a translation affects semantic similarity: Reciprocal effects in L1 and L2*. Paper presented at the Sixth International Symposium on Bilingualism, Hamburg, Germany.

\*\*Trude, A. M., & **Tokowicz, N.** (2007, May). *Effects of transfer from English and Spanish on Portuguese pronunciation*. Paper presented at the Sixth International Symposium on Bilingualism, Hamburg, Germany.

**Tokowicz, N., & Perfetti, C. A.** (2006, November). *Is it a tree trunk or an onion? Limitations of picture naming for inferences about perceptual symbols*. Poster presented at the Forty-Seventh Annual Meeting of the Psychonomic Society, Houston, TX.

**Tokowicz, N., Warren, T., & Rusiñol, À.** (2006, November). *¿Correcto o incorrecto? Reading times and grammaticality judgments of beginning L2 learners*. Poster presented at the Forty-Seventh Annual Meeting of the Psychonomic Society, Houston, TX.

\*Tolentino, L. C., & **Tokowicz, N.** (2006, November). *Blocked versus mixed: An ERP investigation of the concrete-word advantage*. Poster presented at the Forty-Seventh Annual Meeting of the Psychonomic Society, Houston, TX.

**Tokowicz, N., & van Hell, J. G.** (2006, September). *Cognitive evidence for learning: Brain activity vs. overt behavior*. In M. Gullberg, A. Pavlenko, & S. P. Doehler (Chairs), *Evidence for learning: Views from different SLA research paradigms*. Symposium conducted at the Sixteenth Meeting of the European Second Language Association, Antalya, Turkey.

Reichle, E. D., **Tokowicz, N., Liu, Y., & Perfetti, C. A.** (2006, June). Using ERP to examine when the eyes move during reading. In F. Hutzler & R. Radach (Chairs), *Spatial-temporal dynamics of information processing during reading*. Symposium conducted at the Thirteenth Annual Meeting of the Society for the Scientific Study of Reading, Vancouver, Canada.

## CONFERENCE DIVERSITY, EQUITY, AND INCLUSION PRESENTATIONS

Castro, N., & **Tokowicz, N.** (2022, July). Building trust and conducting research with minoritized communities. Tutorial to be conducted at the Forty-Fourth Annual Meeting of the Cognitive Science Society, Toronto, Canada.

Castro, N., & **Tokowicz, N.** (2022, July). Race, culture, and language: A SPARK-sponsored symposium. Symposium to be conducted at the Forty-Fourth Annual Meeting of the Cognitive Science Society, Toronto, Canada.

**Tokowicz, N., & van Hell, J. G.** (2016, March). Improving the visibility of women in academe: The genesis of Women in Cognitive Science. In S. Rose (Chair), *Creating feminist space in the professions and the academy*. Symposium conducted at the Association for Women in Psychology 2016 Conference, Pittsburgh, PA.

Feldman, L. B., van Hell, J. G., Kroll, J. F., Rajaram, S., & **Tokowicz, N.** (2013, July). *Interactive Panel Discussion: Professional advancement through real and virtual international collaboration*. Panel presented at the Thirty-Fifth Annual Meeting of the Cognitive Science Society, Berlin, Germany.

## INVITED RESEARCH TALKS AND COLLOQUIA

*The translation- ambiguity disadvantage in language processing: The influence of proficiency* (2022, March). Carnegie Mellon University.

*The translation ambiguity disadvantage in language processing: The influence of context and proficiency* (2020, October). Translation in Transition: Human and Machine Intelligence Conference. Kent State University.

*Using translation to study adult second language learning.* (November, 2019). Kent State University.

*Studying translation ambiguity from a psycholinguistic perspective* (October, 2019). Duolingo.

*The Competition Model and adult second language learning: The consequences of cross-language similarity on learning L2 morpho-syntax* (2019, June). Language Emergence: Competition, Usage, and Analyses Workshops and Symposium: Honoring the Impact of Brian MacWhinney on Language Research, Carnegie Mellon University.

*The cost of translation ambiguity for second language learning and processing* (2019, February). University of California, Riverside.

*The cost of translation ambiguity for second language processing* (2018, October). Invited address given at the Cognitive Approaches to Language Acquisition Symposium, Pennsylvania State University.

*Accessible summaries: Views from researchers* (2018, March). Presentation given with T. Warren as part of symposium at the meeting of the American Association of Applied Linguistics, Chicago, IL.

*The cost of translation ambiguity for second language processing* (2016, December). Plenary address given at the International Conference on Second Language Processing, Jiao Tong University, Shanghai, China.

*Translation ambiguity in language learning, processing, and representation* (April, 2016). Perception, Action, and Learning Brown Bag, Carnegie Mellon University.

*Translation ambiguity in language learning, processing, and representation* (2015, April). Honor's College Friday Seminar, University of Pittsburgh.

*Translation ambiguity in language learning, processing, and representation* (2015, February). Allegheny College.

*Translation ambiguity in language learning, processing, and representation* (2014, September). Plenary address given at the annual meeting of the European Second Language Association, York, UK.

*Translation ambiguity in language learning, processing, and representation* (2014, April). Binghamton University, Department of Psychology.

*Adult second language vocabulary learning: Remediating the translation-ambiguity disadvantage* (2013, September). University of Pittsburgh, Department of Linguistics.

*Translation ambiguity in language learning, processing, and representation* (2012, October). Plenary address given at the annual meeting of The Second Language Research Forum, Pittsburgh, PA.

*The consequences of translation ambiguity* (2011, September). The Pennsylvania State University, Center for Language Science.

*Two is not better than one: The consequences of translation ambiguity for learning and processing* (2011, March). University of Miami, Department of Psychology.

*Two is not better than one: The consequences of translation ambiguity for learning and processing* (2009, March). University of San Diego, California, Center for Research in Language.

*Two is not better than one: The consequences of multiple translation equivalents for processing and learning* (2008, April). The Pennsylvania State University, Center for Language Science –research presentation.

*The consequences of cross-language ambiguity* (2005, December). The Pennsylvania State University, Language Science Center, Departments of Psychology and Linguistics.

*Competition and second language learning* (2005, November). University of Pittsburgh, Department of Linguistics.

*The 'weak link': Adult second language vocabulary learning* (2005, April). University of Texas at El Paso, Department of Psychology.

*Why is adult second language learning so difficult?* (2005, March). University of Illinois at Urbana-Champaign's Beckman Institute, Language Processing Group.

*Implications of adult second language learning* (2004, September). University of Pittsburgh and Carnegie Mellon University, Center for the Neural Basis of Cognition.

*Why is adult second language learning so difficult?* (2004, March) University of Pittsburgh, Learning Research and Development Center and Department of Psychology.

*Why is adult second language learning so difficult?* (2004, March). University of Wisconsin at Milwaukee, Department of Psychology.

*Why is adult second language learning so difficult?* (2004, February). University of California at Davis, The Center for Mind and Brain and Department of Linguistics.

*Why is adult second language learning so difficult?* (2003, April). University of Nijmegen, Department of Special Education, The Netherlands.

*Why is adult second language learning so difficult?* (2003, February). University of Pittsburgh, Learning Research and Development Center and Department of Psychology.

*Why is adult second language learning so difficult?* (2003, January). University of South Florida, Department of Psychology.

*What makes second language learning so difficult?* (2002, March). Hunter College, Department of Psychology.

## **INVITED DIVERSITY, EQUITY, AND INCLUSION TALKS AND COLLOQUIA**

*Advice about applying for an NSF Graduate Research Fellowship* (annually, 2012-2017; 2019-2021). Presentation made to the Hot Metal Bridge (HMB) Fellows and Psychology Department, University of Pittsburgh. Given each fall (except when on sabbatical in 2018). The HMB Program is a two-semester post-baccalaureate fellowship program designed to help talented students from groups traditionally underrepresented in their academic disciplines.

*Imposter phenomenon* (annually, 2017-2018; spring 202, summer 2021). Presentation made to the LRDC Interns, University of Pittsburgh (except when on sabbatical in 2019 and when the internship was canceled in 2020).

*Women in science: Overcoming the imposter phenomenon* (2015, February). Invited presentation, Allegheny College.

*Writing productivity: Creating effective writing habits* (annually, 2016-2021). Career Education and Enhancement for Health Care Research Diversity (CEED) Programs I and II, University of Pittsburgh. Presentation made to the CEED Fellows each year. The CEED Program provides fellows, postdocs, and junior faculty from underrepresented minority groups with rigorous career development in a supportive, collegial environment.

## **PROFESSIONAL SERVICE ACTIVITIES**

### *Full Memberships in Professional Societies*

- American Association for Applied Linguistics
- American Psychological Association
- Association for Psychological Science
- Cognitive Science Society
- Psychonomic Society
- Sigma Xi
- Society for Psychophysiological Research
- Women in Cognitive Science

*Service and Governance Positions*

Advisory Board Member, Women in Cognitive Science-Canada (2016-present)  
 Advisory Council Member, Women in Cognitive Science (2020-present)  
 Governing Board Member, SPARK Society  
 Psychonomic Society Task Force on Racial Discrimination (2020-)  
 University of Pittsburgh Women in Medicine & Science Forum Steering Committee (2014-present)  
 Women in Science and Education Committee, Society for Psychophysiological Research (2014-2017)

*Editorial Positions*

*Bilingualism: Language and Cognition*, Associate Editor (2014-2017)  
*Bilingualism: Language and Cognition*, Editorial Board Member (2011-2013; 2017-)  
*Journal of Cognitive Psychology*, Editorial Board Member (2009-2017)  
*Journal of Second Language Studies*, Editorial Board Member (2018-)  
*Languages*, Editorial Board Member (2020-)  
*Proceedings of the National Academy of Sciences*, Article Guest Editor

*Ad-hoc Journal Reviewing (Approximately 13 AY 2019-2020)*

Acta Psychologica  
 Applied Linguistics  
 Applied Psycholinguistics  
 Behavior Research Methods  
 Brain and Language  
 Cognition  
 Cognition and Instruction  
 Cognitive Psychology  
 Cognitive Science  
 Experimental Psychology  
 Frontiers in Cognition  
 International Journal of Bilingualism  
 Journal of Cognitive Neuroscience  
 Journal of Experimental Psychology: Human Perception and Performance  
 Journal of Experimental Psychology: Learning, Memory, and Cognition  
 Journal of Memory and Language  
 Journal of Neurolinguistics  
 Language and Cognitive Processes  
 Language Learning  
 Language Sciences  
 Languages  
 Linguistic Approaches to Bilingualism  
 Memory and Cognition  
 Neuropsychologia  
 Neuropsychology  
 Perceptual and Motor Skills  
 Pittsburgh Undergraduate Review  
 Proceedings of the National Academy of Sciences  
 Psychological Bulletin  
 Psychophysiology  
 Quarterly Journal of Experimental Psychology  
 Scientific Studies of Reading

Second Language Research

*Award Reviewing*

British Psychological Society Spearman Medal Assessor

Language Learning Early Career Grant

Mellon Fellowship (2006, 2008)

Tim Post Award For Research Excellence (2008, Chair; 2013, Co-chair)

Women in Cognitive Science Mentoring Award (2012 and 2014, Chair)

Women in Cognitive Science Networking Award (2012 and 2013, Chair)

*Book Reviewing*

Advancing Diversity, Inclusion, and Social Justice through Human Systems Engineering (chapter)

Earliest Stages of Second Language Acquisition (book endorsement)

Cambridge Handbook of Spanish Linguistics: Psycholinguistic Approaches (chapter)

Innovative Research and Practices in Second Language Acquisition and Bilingualism (chapter)

Second Language Processing: An Introduction (book proposal)

Cambridge University Press

Routledge

Wiley-Blackwell

*Conference Reviewing*

Annual Meeting of the American Association for Applied Linguistics

Annual Meeting of the Cognitive Science Society

Annual Meeting of the European Second Language Association

European Society of Second Language Acquisition

Third International Conference on Translation, Interpreting and Cognition (ICTIC 3)

Fourth International Symposium on Bilingualism

Joint Conference on Hispanic Linguistics and Acquisition

Poznań Linguistic Meeting

Second Language Research Forum

Society for Psychophysiological Research

Tenth International Symposium on Bilingualism

*External Grant and Scholarship Reviewing*

Fonds National de la Recherche Luxembourg

Goldwater Scholarship

Language Learning

Ohio University Baker Fund

National Science Foundation Graduate Research Fellowship Program

National Science Foundation (Cognitive Neuroscience, Linguistics, and Perception, Action, & Cognition panels ad-hoc review)

National Science Foundation (Integrative Graduate Education and Research Traineeship Program full proposal review panel)

Netherlands Organisation for Scientific Research

Northern Illinois University Intramural Grants Program

*Tenure/Promotion Review*

Carnegie Mellon University

Center for the Advanced Study of Language

Elon University

The Pennsylvania State University  
 University of Texas at El Paso  
 Utah State University

*External Panels, Sessions, and Committees*

- 2022- Faculty Development Certificate Program (Leadership Development)
- 2023
- 2017- Network Collaborator, Open Accessible Summaries in Language Studies (OASIS)
- 2014- American Psychological Association (APA) Leadership Institute for Women in Psychology
- 2015 (competitive selection process)
- 2014- Member, Society for Psychophysiological Research Program Committee
- 2015
- 2010 Participant, College Board Advanced Placement Psychology Faculty Colloquium
- 2009 Organizer, Bilingualism Workshop, Eastern Psychological Association Annual Meeting
- 2008 Member, Expert Meeting on Explorations in Learning and the Brain, sponsored by the Netherlands Organization for Scientific Research
- 2007 Chair, Bilingualism Session, Forty-Eighth Annual Meeting of the Psychonomic Society

*External Diversity, Equity, and Inclusion Panels, Sessions, and Committees*

- 2022 Panelist, SPARK Society panel, "SPARKing a discussion about academic bullying"
- 2020- Psychonomic Society Task Force on Racial Discrimination
- 2021
- 2019 Panelist, SPARK Society panel on summer internship programs for under-represented minorities, Annual Meeting of the Psychonomic Society
- 2014 Co-chair, Women in Cognitive Science Panel on The Impostor Syndrome, Association for Psychological Science
- 2013 Co-chair, Women in Cognitive Science Panel on The Impostor Syndrome, Psychonomic Society
- 2013 Co-chair and discussant, Women in Cognitive Science Invited Panel on Networking, Association for Psychological Science
- 2012 Co-organizer, Women in Cognitive Science Invited Panel on Professional Visibility, Association for Psychological Science
- 2011 Panelist, Women in Cognitive Science Panel on Professional Visibility, ESCoP
- 2006 Panel member, Sixth Annual Meeting of Women in Cognitive Science, "Establishing professional connections and collaboration"

*Internal Committees and Service—ongoing*

- 2021- University Policy Committee: Nondiscrimination, Equal Opportunity, and Affirmative Action Policy
- 2017- Psychology Department Website Update Committee Chair
- 2016- CNBC Executive Committee
- 2014- Discipline-Based Science Education Research Center Psychology Department Liaison
- 2011- Learning Research and Development Center Computing Services Faculty Liaison
- 2010- CNBC Education Committee

*Internal Diversity, Equity, and Inclusion Committees and Service—ongoing*

- 2021-2023 Co-Chair, University Senate Equity, Inclusion and Anti-Discrimination Advocacy Committee
- 2019-2022 University Senate Equity, Inclusion and Anti-Discrimination Advocacy Committee (Elected Member)
- 2014- University of Pittsburgh Women in Medicine & Science Forum Steering Committee

*Internal Committees—completed*

- 2021 Chair, CNBC Education Committee Subcommittee, Computational Neuroscience Course
- 2020-2021 Honors College Dean Search Committee
- 2020 CNBC Outstanding Paper Awards Judge
- 2020 Chair, internal tenure and promotion committee, Dr. Marc Coutanche
- 2019-2020 Mentoring Committee, Dr. Diana Leyva
- 2018 Dietrich School of Arts & Sciences ad-hoc committee
- 2016-2018 Chair, Psychology Department Quantitative Certificate Committee
- 2016-2018 Psychology Department Quantitative Certificate Subcommittee Chair
- 2015-2018 Chair, Cognitive Psychology Program
- 2013-2018 Mentoring Committee Chair, Dr. Benjamin Rottman
- 2012-2018 Psychology Department Executive Committee
- 2016-2017 Arts and Sciences Nominating Committee
- 2012-2015; 2016-2017 Psychology Department Faculty Evaluation Committee (Elected)
- 2017 Tenure and Promotion Committee, Melissa Libertus, Department of Psychology
- 2014-2020 Mentoring Committee, Dr. Scott Fraundorf
- 2014-2017 Psychology Department Non-Tenure Stream Search Committee
- 2015, 2016 Honors College Frederick Scholarship Selection Committee
- 2015-2016 Panther Reach Mentor (mentor to floor of freshmen in honors dorm)
- 2014-2015 Co-Chair, Psychology Department Committee on Graduate Student Teaching Mentoring
- 2014-2015 Learning Research and Development Center/School of Education English Language Arts Search Committee
- 2013-2015 Coordinator, Psychology Department Subject Pool
- 2013-2015 Faculty Chair, LRDC Communications Committee
- 2013-2014 Co-Chair, Diversity in Context Faculty Search Committee
- 2013-2014 Co-Chair, Psychology Department Cognitive Psychology Search Committee
- 2012-2013 Psychology Department Social and Social/Health Psychology Search Committee
- 2010-2011 Honors College Dean Search Committee
- 2010-2011 Learning Research and Development Center Computing Committee
- 2009 Chair, Undergraduate Education Committee Subcommittee on Assessment of Introduction to Psychology
- 2008-2010 Learning Research and Development Center Building and Safety Committee
- 2008-2009 Undergraduate Education Committee
- 2008 Cognitive Program Graduate Student Admissions Committee
- 2004-6; 2007 Cognitive Program Curriculum Committee
- 2007-2008 Learning Research and Development Center and School of Education Open-Rank Reading Search Committee
- 2006 Pittsburgh Science of Learning Center Executive Committee junior faculty representative
- 2005-2006 Cognitive Area Brown Bag Speaker Series Committee Chair
- 2005 Psychology Department Colloquium Committee

2005 Psychology Department Web Site Committee

*Internal Diversity, Equity, and Inclusion Committees—completed*

2016-2018 Director, Learning Research and Development Center Internship Program

2016-2018 University Senate Equity, Inclusion and Anti-Discrimination Advocacy Committee (pro tem Member); Race and Ethnicity Working Group (2016-2017); Education Working Group (2017-2018)

2015-2018 Chair, Learning Research and Development Center Diversity Committee

2006-2015 Learning Research and Development Center Diversity Committee Member

## PROFESSIONAL DEVELOPMENT SEMINARS GIVEN

*Dual-Career Couples: Maintaining Work-Life Balance with a Partner in Academia* (2022, April). Part of Establishing Work-Life Balance Event, Psychology Department, University of Pittsburgh.

*Writing productivity: Creating effective writing habits* (2022, April). Psychology Department Professional Development Committee, University of Pittsburgh.

*Academic integrity violations in class: Our experiences, our concerns, and what we can do about it* (2021, October). Cognitive Program Talk Series, University of Pittsburgh.

*Writing productivity: Creating effective writing habits* (2020, January). Cognitive Program Brown Bag, University of Pittsburgh.

*Writing productivity: Creating effective writing habits* (2018, October). Invited professional development seminar given at the Cognitive Approaches to Language Acquisition Symposium, Pennsylvania State University.

*Writing productivity: Creating effective writing habits* (2016, September). Cognitive Program Brown Bag, University of Pittsburgh.

*The writing process: A case study* (2011, April). Cognitive Program Brown Bag, University of Pittsburgh.

*The writing process: A case study* (2011, March). Biological and Health Program Brown Bag, University of Pittsburgh.

*Writing productivity: Creating effective writing habits* (2018, January). Modern Languages Graduate Seminar, Carnegie Mellon University.

*Writing productivity: Creating effective writing habits* (2018, January). Researchers' Writing Groups Pilot Program, University of Pittsburgh. Invitation by Associate Vice Provost for Faculty.

*Research Projects using Converging methods or multiple dependent measures.* (2016, December). Jiao Tong University, Shanghai, China.

*Scientific writing* (2016, March). Invited professional development roundtable for graduate and post-doctoral trainees co-led and held with Dr. Peter Gianaros at the 74th Annual Meeting of the American Psychosomatic Society, Denver, CO.

*Writing productivity: Creating effective writing habits* (2015, April). Office of Academic Career Development Workshop, University of Pittsburgh.

*Increasing writing productivity: A case study* (2015, January). Multidisciplinary Clinical Research Scholars Program Advisory Committee Career Development Series, University of Pittsburgh.

*The art of editing your writing* (2013, March). Postdoctoral Fellow Professional Development Series, Carnegie Mellon University.

*Increasing writing productivity: A case study* (2013, February). Postdoctoral Fellow Professional Development Series, Carnegie Mellon University.

*Increasing writing productivity: A case study* (2011, September). Postdoctoral Fellow Professional Development Series, Carnegie Mellon University.

*Increasing writing productivity: A case study* (2011, September). Cognitive Program Brown Bag, The Pennsylvania State University.

*Using hierarchical regression analyses in psycholinguistic investigations: A mini-tutorial* (2008, April). The Pennsylvania State University, Center for Language Science.

*Using event-related potentials to examine second language learning* (2008, March). Workshop entitled "Language development and event-related brain potentials", Behavioral Science Institute, Radboud University Nijmegen, The Netherlands.

### **Diversity, Equity, and Inclusion Trainings/Seminars Attended**

Note: \*\* Session part of the Diversity and Inclusion Certificate Program, Certificate Completed January 2022

# Session part of the Survivor Support Network, Certificate Completed July 2021

@Session part of the Inclusive Pedagogy Workshop Series

%Session part of the Mental Health Champion Certificate Program

Racial Equity Consciousness Institute, Certificate Completed July 2021

Faculty Development Certificate Program (Inclusive Leadership), 2022-2023

\*\*Creating Equal Access: Getting Started with Digital Accessibility, December 2021

\*\*Baby Boomers to Millennials: Respect and Productivity in the Workplace, December 2021

@Teaching Your Content through an Equity Lens, November 2021

%Mental Health Champions: Increasing Student Well-being and Promoting Flourishing, November 2021

@Equity, Diversity, and Inclusion on Paper: Syllabus Audit, November 2021

@Difficult Discussions, October 2021

\*\*Intercultural Competency, October 2021

@Responding to Identity-Based Bias and Tension in the Classroom, October 2021

Diversity Forum, July 2021

Developing Racial Equity Consciousness to Foster Antiracist Practice, Cultures, and Communities, July 2021

#Supporting survivors of sexual misconduct, July 2021

Dismantling the School to Prison Pipeline, June 2021

\*\*\*Preventing Sexual Misconduct: Understanding Your Responsibility, June 2021

\*\*Fostering a Diverse and Inclusive Workplace, May 2021

Graduate Holistic Admissions, April 2021

Developing an Inclusive Mentoring Mindset, December 2020

Teaching with Equity, October 2020

21 Day Racial Equity & Social Justice Challenge (Greater Cleveland YWCA), July-August, 2020

Diversity Forum, July 2020

Juneteenth: A Prelude to True Social Justice and Equity at Pitt, June 2020

Race, Police, and Unarmed Civilian Deaths: What Can Be Done?, June 2020

I Can't Breathe: From Agony to Activism, June 2020

Allyship and Advocacy: Responses to Xenophobia and Hate Crimes, May, 2020

Creating Accessible Courses for Remote Learning, May 2020

Office of Diversity and Inclusion Diversity Retreat, May 2018

Black Minds Matter: Campus Climate & Non-Cognitive Outcomes, November 2017

Latino Student Perspective: Providing Support and Enhancing Their Voice in the Classroom, February 2017

African American Student Perspectives, October 2016

Diversity and Racial Justice in the 21st Century University Summer Institute, July 2016

Provost's Diversity Institute for Faculty Development, An Inclusive Classroom: Practical Lessons and Techniques for Constructing a Truly Open Learning Environment for LGBTQIA Students, led by Susan Marine, Ph.D., June 2016

Provost's Diversity Institute for Faculty Development, Understanding Our Students: Transgender Students, led by Julie Beaulieu, Ph.D., May 2016

Provost's Diversity Institute for Faculty Development, Race in America: Teaching Race to College Students, led by Ralph Bangs, Ph.D., June 2015

African American Student Retention Symposium, September 2013, 2014, 2105

Race in America: Restructuring Inequality Conference, June 2010

## VISITING/COURTESY POSITIONS

2018-2019	<b>Visiting faculty (sabbatical)</b> , Department of Psychology, Carnegie Mellon University
2012-2018	<b>Adjunct Researcher</b> , University of Maryland Center for the Advanced Study of Language
2011-2012	<b>Visiting faculty (sabbatical)</b> , Center for Language Science, Penn State University, and Department of Psychology, Carnegie Mellon University
2004-2012	<b>Member</b> , Pittsburgh Science of Learning Center

## COURSES TAUGHT

Cognitive Professional Development Seminar (Spring, 2007; Fall, 2007; Spring, 2008)

Graduate Seminar in Bilingualism (Spring, 2006; 2011; 2014; 2018)

Honors Seminar in Bilingualism (Spring, 2013)

Introduction to Psychology (Fall, 2004-2010; 2013-2016; 2020)

Introduction to Psychology, Honors (Fall, 2020)  
 Introduction to Psychology Recitation Developer/Coordinator (Fall, 2014)  
 Introduction to Psychology Recitation Coordinator (Fall, 2015-2016)  
 Seminar in Bilingualism (Upper-Level Undergraduate, Fall, 2017; Spring, 2020)  
 Seminar in Bilingualism (Upper-Level Undergraduate/Graduate; Spring, 2008)

## TRAINEE ADVISING AND COMMITTEES (University of Pittsburgh)

### *Current trainees*

Diya Goyal, **M.S. advisor (begins fall, 2022)**  
 Gabriela Terrazas-Duarte, **M.S. advisor (2016-2018); Ph.D. advisor (2018-present)**  
 Victoria Tkacikova, **M.S. advisor (2019-2022); Ph.D. advisor (2022-present)**  
 Andrea Tovar, **Post-baccalaureate advisor in Hot Metal Bridge Program (2019-2020); M.S. advisor (2020-2022); Ph.D. advisor (2022-present)**

### *Completed trainees*

Rasul Adams, **Post-baccalaureate advisor in Hot Metal Bridge Program (2020-2021)**  
 Regina Calloway, **M.S./Ph.D. co-advisor (2014-2019)**, Postdoctoral Research Associate, Applied Research Laboratory for Intelligence and Security (ARLIS) at the University of Maryland, College Park  
 Tamar Degani, **M.S./Ph.D. advisor (2005-2011)**, Senior Lecturer (Tenured), Department of Communication Sciences & Disorders, University of Haifa, Haifa, Israel  
 Charlie Eddington, **M.S./Ph.D. advisor (2009-2015)**, Senior Language Data Researcher, Amazon  
 Teljer Liburd, **M.S. co-advisor (2013-2014)**, Associate Brand Manager, Holiday Inn  
 Tomasz Loboda, **Post-doc advisor (2014-2018)**, Postdoctoral Fellow, University of Pittsburgh  
 Nora Presson, **Post-doctoral co-advisor (2012-2016)**, Senior Research Designer, Microsoft  
 Caitlin Rice, **M.S./Ph.D. advisor (2014-2019)**, Language Engineer (Amazon Alexa) at Amazon  
 Karla Rivera-Torres, **Post-baccalaureate co-advisor in Hot Metal Bridge Program (2012-2013)**, PhD Student at University of California, Los Angeles  
 Leida Tolentino, **M.S./Ph.D. advisor (2005-2010)**, Assistant Professor of Psychology, Santa Barbara City College  
 Alison (Phillips) Tseng, **M.S. advisor (2010-2013)**, Senior Faculty Specialist, University of Maryland  
 Alba Tuninetti, **M.S./Ph.D. advisor (2009-2015)**, Associate Director, Institute for Cognitive Science, University of Colorado Boulder

### *Graduate Student Committees*

Michal Balass, Specialty Exam Committee, Dissertation Committee  
 Adeete Bhide, Dissertation Committee  
 Heather Bruett, Dissertation Committee  
 Wendy Chang, Dissertation Committee  
 Susan Dunlap, Master's Thesis Committee, Specialty Exam Committee, Dissertation Committee  
 Kyle Dunovan, Dissertation Committee  
 Xiaoping Fang, Master's Thesis Committee  
 Douglas Getty, Specialty Exam Committee  
 Lindsay Harris, Master's Thesis Committee  
 Nikole (Patson) Huffman, Specialty Exam Committee

Say Young Kim, Master's Thesis Committee  
 Erika Laing, Specialty Exam Committee  
 Regina Leckie, Dissertation Committee  
 Evelyn Milburn, Dissertation Committee  
 Jessica Nelson, Dissertation Committee  
 Kole Norberg, Specialty Exam Committee  
 Joseph Stafura, Master's Thesis Committee  
 Polina Vanyukov, Master's Thesis Committee, Specialty Exam Committee, Dissertation Committee  
 Kristine Wilckens, Master's Thesis Committee  
 Lin Zhou, Specialty Exam Committee

## TRAINEE FUNDING AND AWARDS EARNED

### **Regina Calloway**

Full fellowship to attend ERP Boot Camp, University of California Davis

### **Tamar Degani**

Andrew Mellon Predoctoral Fellowship  
*Language Learning* Journal Doctoral Dissertation Research Grant  
 National Science Foundation Doctoral Dissertation Research Improvement Grant

### **Charlie Eddington**

Ernest Ivaldi, Jr. Memorial Scholarship  
*Language Learning* Journal Doctoral Dissertation Research Grant  
 National Science Foundation Doctoral Dissertation Research Improvement Grant  
 NIH Multimodal Neuroimaging Training Program Fellowship  
 Tim Post Award for Research Excellence Honorable Mention  
 University of Pittsburgh Office of Experiential Learning Small Grant

### **Caitlin Rice**

Behavioral Brain Research Training Fellowship  
*Language Learning* Journal Doctoral Dissertation Research Grant  
 NSF Graduate Research Fellowship Program Honorable Mention<sup>[1]</sup><sub>SEP</sub> (2015, 2016)  
 Tim Post Award for Research Excellence  
 Women in Cognitive Science Travel Award for International Collaborations

### **Gabriela Terrazas**

Full fellowship to attend Kavli Summer Institute in Cognitive Neuroscience Fellowship  
 Learning Research & Development Center Director's Fellowship

### **Leida Tolentino**

Award Subsidy – Fundação Calouste Gulbenkian, Portugal  
*Language Learning* Journal Doctoral Dissertation Research Grant  
 Learning Research & Development Center Director's Fellowship  
 University of Pittsburgh Arts & Sciences Dean's Tuition Scholarship  
 University of Pittsburgh Arts & Sciences Summer Research Fellowship  
 University of Pittsburgh Book Award

**Andrea Tovar**Behavioral Brain (B<sup>2</sup>) Research Training Program Grant

Ford Foundation Graduate Fellowship Honorable Mention

K. Leroy Irvis Fellowship

Learning Research &amp; Development Center Director's Fellowship (Summer, 2021; declined-academic year)

NSF Graduate Research Fellowship Program Honorable Mention

Learning Research &amp; Development Center Director's Fellowship (Summer, 2022)

**Alba Tuninetti**Behavioral Brain (B<sup>2</sup>) Research Training Program Grant

Integrative Graduate Education and Research Traineeship (CNBC)

K. Leroy Irvis Fellowship

K. Leroy Irvis Summer Fellowship

*Language Learning* Journal Doctoral Dissertation Research Grant

Learning Research &amp; Development Center Director's Fellowship

National Science Foundation Doctoral Dissertation Research Improvement Grant

NSF Graduate Research Fellowship Program Honorable Mention

University of Pittsburgh Book Center Scholarship

University of Pittsburgh Provost's Development Fund Fellowship

**GRADUATE STUDENT MENTORING COMMITTEES**

2020-2021	Rasul Adams
2020-	Nicole Lobo (Chair)
2020-	Weiqi Wong (Chair)
2019-	Andrea Tovar
2017-	Griffin Koch
2017-2018	Alexandria Weaver
2016-2021	Heather Bruett (Chair)
2016-2018	Nabila Jamal Orozco
2016-	Gabriela Terrazas-Duarte
2016	Meghan Bathgate
2016-2017	Bart Larsen (Chair)
2016-2018	Cristina Zepeda
2014-2019	Regina Calloway
2014-2018	Ruizie Liu
2014-2019	Caitlin Rice
2013-2018	Emily Braham (Chair)
2012-2017	Adeetee Bhide
2012-2014	Teljer Liburd
2011-2017	Evelyn Milburn (Chair)
2010-2013	Alison Phillips
2010-2012	Joseph Stafura
2007-2011	Nikole Huffman (Chair)
2009-2015	Charlie Eddington
2009-2015	Alba Tuninetti
2007-2013	Polina Vanyukov (Chair)

2005-2011	Tamar Degani
2005-2008	Melissa Nelson
2005-2012	Jeffrey Phillips
2005-2006	Jason Sherrill
2005-2010	Leida Tolentino
2004-2011	Michal Balass (Chair)
2004-2010	Susan Dunlap (Chair)
2004-2010	Jessica Nelson

## GRADUATE STUDENT COMMITTEES AND ADVISING (Other Departments)

2015-2016	Andrew Jeske, Dissertation Committee, University of Pittsburgh (Linguistics)
2014	Veronica Whitford, Dissertation Committee, McGill University, Canada
2014	Violet Xia, Dissertation Committee, University of Sydney, Australia
2013-2015	Rhonda McClain, NIH National Research Service Award Consultant
2013-2015	Katherine Martin, Dissertation Committee, University of Pittsburgh (Linguistics)
2013	Marlies de Zeeuw, Dissertation Committee, University of Nijmegen, The Netherlands
2012-2015	Rhonda McClain, Dissertation Committee, The Pennsylvania State University
2010-2012	Blair Armstrong, Dissertation Committee, Carnegie Mellon Univ. (Psychology)
2010-2012	Derek Chan, Dissertation Committee, University of Pittsburgh (Linguistics)
2010-2014	Colleen Davy, Master's/Dissertation Committee, Carnegie Mellon Univ. (Psychology)
2010-2011	Katherine Martin, Master's Committee, University of Pittsburgh (Linguistics)
2008-2009	Pei Sui Luk, Master's Thesis Committee, University of Pittsburgh (Linguistics)
2006-2012	Nora Presson, Master's/Dissertation Committee, Carnegie Mellon Univ. (Psychology)
2006-2007	Mary Lou Vercellotti, Master's Thesis Committee, University of Pittsburgh (Linguistics)
2005-2006	Yuki Yoshimura, Dissertation Committee, Carnegie Mellon Univ. (Modern Languages)
2003	Béryll Schulpen, Dissertation Committee, University of Nijmegen, The Netherlands

## UNDERGRADUATE STUDENT COMMITTEES--CHAired

2020	Diya Goyal, Honors (Psychology) Thesis Committee Chair
2018-2019	Eleanna Melcher, Honors (BPhil/Psychology) Thesis Committee Chair
2018-2019	Kyra Samuda, Honors (BPhil) Thesis Committee Chair
2015-2016	Avani Kolla, Honors (BPhil/Neuroscience) Thesis Committee Chair
2015	Griffin Koch, Honors (BPhil/Psychology) Thesis Committee Chair
2014-2015	Kara Narzikul, Honors (BPhil/Psychology) Thesis Committee Chair
2013-2014	Zac Ekves, Honors (BPhil/Psychology) Thesis Committee Chair
2013-2014	Rebecca Spinaris, Honors (Neuroscience) Thesis Committee Chair
2011-2012	Sarah Blackstone, Honors (BPhil) Thesis Committee Chair
2011-2012	Justin Lauro, Honors Thesis (Psychology) Committee Chair
2010-2011	Jennifer Bracken, Honors (Psychology) Thesis Committee Chair
2008-2009	Charlie Eddington, Honors (BPhil/Psychology) Thesis Committee Chair

2008-2009	Sharon Podobnik, Honors (BPhil) Thesis Committee Chair
2006-2007	Rhonda McClain, Honors (Psychology) Thesis Committee Chair
2006-2007	Courtney Smith, Honors (BPhil) Thesis Committee Chair
2006-2007	Alison Trude, Honors (Psychology) Thesis Committee Chair

### UNDERGRADUATE STUDENT COMMITTEES--NOT CHAIRED

2020	Sarah Varley, Honors (Psychology) Thesis Committee
2017-2018	Claire Chu, Honors Thesis Committee
2015-2016	Mehrgol Tiv, Honors (BPhil/Psychology) Thesis Committee
2012-2013	Alaina Wrencher, Honors (BPhil) Thesis Committee
2011	Gerret George, Honors Thesis Committee
2010	Sarah Orban, Honors (BPhil) Thesis Committee
2010	David Raboy, Honors (BPhil) Thesis Committee
2009	Andrew Reineberg, Honors (BPhil) Thesis Committee

### UNDERGRADUATE STUDENT RESEARCH SUPERVISION (since Fall, 2004)

NOTE: \* = students seeking advanced degrees in Psychology or related field

Fall, 2022-	Reema Jadhav (Psychology)
Fall, 2022-	Lennon Miller (Psychology)
Spring, 2022-	Catherine Kazakova (Neuroscience)
Fall, 2021-Spring, 2022	*Kayli Chapman (Psychology)
Fall, 2021-Spring, 2022	Milkiyas Hailemariam (Psychology)
Fall, 2021-	Mengjie Sun (Psychology)
Fall, 2021	Kapil Sharma (Psychology)
Fall, 2021	Haeun Son (Neuroscience)
Spring, 2021- Spring, 2022	Emily Gildea (Psychology)
Fall, 2020- Spring, 2022	Giuliana Galati (Psychology)
Fall, 2020-Spring, 2021	Rima Habti (Psychology)
Fall, 2020-Spring, 2021	Lingyi Kong (Psychology)
Fall, 2020	Rachel Romac (Psychology)
Spring, 2020-Summer, 2020	Rasul Adams (Psychology)
Spring, 2020	Claire Michael (Psychology)
Spring, 2020	Jingting Yan (Psychology)
Fall, 2019	Bianca Calabretta (Psychology)
Fall, 2019-Spring, 2020	Emily Hensley (Psychology/Neuroscience)
Summer, 2019-Fall, 2019	Bhavesh Koppala (Neuroscience)
Fall, 2019	Kacey Lopes (Psychology)
Spring, 2019-Fall, 2019	Jason Gruzin (Psychology)
Spring, 2019	Kayla Koch (Psychology)
Spring, 2019	LeeAnna Marra (Psychology)
Spring, 2019-Fall, 2019	Inika Vimal (Psychology)
Fall, 2018-Summer, 2019	Megan Brady (Psychology)
Fall, 2018-Spring, 2019	Ethan Coolidge (Psychology)
Fall, 2018-Spring, 2020	*Allyson Distler (Neuroscience)
Fall, 2018-Spring, 2019	Angela Griffio (Psychology)
Fall, 2018	Danielle Schomer (Psychology)

Fall, 2018-Spring, 2019	*Sifan Zheng (Psychology)
Spring, 2018	Nithya Ganesh (Psychology)
Spring, 2018-Fall 2019	*Diya Goyal (Psychology)
	Honor's
Fall, 2017-Spring, 2018	Adrienne Berue (Psychology)
Fall, 2017-Spring, 2018	Isaiah Engstrom (Psychology)
Fall, 2017-Spring, 2019	*Shansa Gaddam (Psychology)
Fall, 2017-Spring, 2019	*Zeynep Marasli (Neuroscience/Psychology)
Fall, 2017-Spring, 2018	Gabrielle Martinez (Psychology)
Fall, 2017-Spring, 2018	*Eleanna Melcher (Psychology)
Fall, 2018-Spring, 2019	BPhil
Fall, 2017-Spring, 2018	Siera Mieux (Psychology)
Fall, 2017-Spring, 2018	Kyra Samuda (Psychology)
Fall, 2018-Spring, 2019	BPhil
Summer, 2017-Fall, 2017	*Lindsay Ejoh (Psychology/Neuroscience)
Sumer, 2017; Fall, 2018-Spring, 2019	Janet Daoud (Psychology)
Summer, 2017	Akeena Lofters (LRDC Summer Internship)
Fall, 2016-Spring, 2017	Jonathan Dyer (Linguistics)
Fall, 2016-Spring, 2017	*Xinyue Feng (Psychology)
Fall, 2016-Spring, 2017	Ioana Neagoe (Psychology)
Fall, 2016-Spring, 2017	*Leah Nguyen (Psychology)
Fall, 2016-Spring, 2017	*Zara Khan (Psychology)
Fall, 2016-Spring, 2017	Alessandra Roberto (Psychology)
Summer, 2016-Spring, 2017	*Mackenzie Marcinko (Linguistics)
Spring, 2016-Fall, 2016	Heather Ross (Psychology)
Spring, 2016-Fall, 2016	Emily Simon (Psychology)
Fall, 2015-Spring, 2017	*Makenzie Chambers (Psychology)
Fall, 2015-Spring, 2016	*Quijie Gong (Psychology)
Fall, 2015-Summer, 2016	Gabrielle McDowell-Truzzi (Psychology)
Fall, 2015-Spring, 2016	*Prerna Srinivasan (Psychology)
Fall, 2015-Spring, 2016	Xinzi Wang (Psychology)
Fall, 2015	Ina Halili (Psychology)
Fall, 2015	Margaret Jones (Linguistics)
Fall, 2015	*Leqi Zhang (Psychology)
Fall, 2015	*Qinyun Zhang (Psychology)
Spring, 2015	Christopher Kincak (Psychology)
Spring, 2015-Summer, 2016	Zachary Luchette (Psychology)
Spring, 2015	Tiana Robinson (Psychology)
Spring, 2015-Fall, 2015	Andrew Rosse (Psychology)
Spring, 2015-Fall, 2015	Daniel Sonnenberg (Linguistics)
Fall, 2014	David Cotter (Psychology)
Fall, 2014-Spring, 2015	*Griffin Koch (Psychology)
Summer, 2015-Fall, 2015	Honors Research (Psychology/BPhil)
Fall, 2014-Summer, 2015	*Avani Kolla (Neuroscience)
Fall, 2015-Spring, 2016	Honors Research (Neuroscience/BPhil)
Fall, 2014-Spring, 2015	*Yingqi Liu (Psychology)
Summer, 2014-Spring, 2015	Ryan Pudlowski (Psychology)
Spring, 2014-Spring, 2015	Deja Bulluck (Psychology)

Fall, 2013-Fall, 2014	*Chun Chen (Psychology)
Fall, 2013-Fall, 2014	*Rundi (Wendy) Guo (Psychology)
Fall, 2013	Daniel Jang
Fall, 2013-	*Adrian Maries (LRDC)
Fall, 2013	*Anisa Mughal (Psychology)
Spring, 2014	Brackenridge Fellowship
Fall, 2013-Spring, 2014	*Kara Narzikul (Psychology)
Fall, 2014-Spring, 2015	Honors Research (Psychology/BPhil)
Fall, 2013-Spring, 2015	Ruby Slabicki (Psychology)
Fall, 2013	Stephen Suss (Psychology)
Fall, 2013	Ali Swafford (Psychology)
Fall, 2013	Leah Kaufman (Psychology)
Fall, 2013	Kaylee Mozgawa
Summer, 2013	*Rebecca Spinaris (Neuroscience)
Fall, 2013-Spring, 2014	Honors Research
Summer, 2013-Fall, 2013	Ranem Atia (Linguistics)
Spring, 2014	Chancellor's scholarship
Summer, 2013-Fall, 2013	Shahnaz Terzi (Undeclared)
Spring, 2013-Spring, 2014	*Alexandra Nalewanski (Psychology)
Spring, 2013	*Lauren Russo (Psychology)
Spring, 2013	*Qingqing Yang (Psychology)
Fall, 2012-Spring, 2013	*Zachary Ekves (Psychology)
Fall, 2013-Spring, 2014	Honors Research (Psychology/BPhil)
Fall, 2012-Spring, 2013	*Tara Nair (Linguistics)
Fall, 2012-Spring, 2013	*Michelle Stephan (Psychology)
Spring, 2012	Carly Krystyniak (Psychology)
Spring, 2012-Fall, 2012	Michael McVeigh (Psychology)
Spring, 2012	Stephanie Zaczek (Psychology)
Fall, 2011-Spring, 2012	Minas Abovyan (Psychology)
Fall, 2011-Spring, 2012	Katherine Darensbourg (Psychology)
Fall, 2011-Spring, 2012	Charles Pritchard (Psychology)
Fall, 2011-Spring, 2012	Ching-Man Tse (Psychology)
Fall, 2011-Spring, 2012	Sungmoon Woo (Psychology)
Spring, 2011	Michael Marin (Psychology, University of Pittsburgh-Greensburg)
Fall, 2010-Spring, 2012	Kelly Griffin (Psychology)
Fall, 2010-Spring, 2011	*Justin Lauro (Psychology)
Summer, 2011	Pittsburgh Science of Learning Center Summer Intern Advisor
Fall, 2011-Spring, 2012	Honors Research (Psychology)
Fall, 2010-Spring, 2011	Timothy Murphy (Psychology)
Fall, 2010	Krista Williams (Linguistics)
Summer, 2010-Spring, 2011	Elizabeth Emery (Psychology)
Summer, 2010-Spring, 2011	Alexandra Gales (Psychology)
Summer, 2010-Spring, 2011	Kristin Schulmeister (Psychology)
Summer, 2010-Spring, 2011	Jessica Steiner (Psychology)
Spring, 2010-Spring, 2011	Jared DeBona (Psychology)
Spring, 2010-Spring, 2011	Chelsea McGrath (Psychology)

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- \*Sarah Blackstone (Psychology)  
 Honors Research (BPhil)
- \*Jennifer Bracken (Psychology)  
 Honors Research (Psychology)
- Maria Brooks (Psychology)  
 Matthew Cohen (Psychology)
- \*Kaitlin Mainwaring (Psychology)  
 Jennifer Caldararo (Theil College)  
 Sarah Dickinson (Psychology)
- \*Carol Fouad (Psychology)  
 \*Rachel Kerber (Brown University)  
 \*Heidi Stapel (Psychology)  
 Whitney McNamara (Psychology)  
 \*Kelly Grout (Psychology)  
 \*Sharon Podobnik (Psychology)  
 Honors Directed Research (Psychology/BPhil)
- \*Lori Steranchak (Psychology)  
 \*Andrew Reineberg (Psychology/Neuroscience)  
 \*Charlie Eddington (Psychology)  
 Honors Research (Psychology/BPhil)
- \*Michael Rose (Psychology)  
 \*Shanna Bennett (Psychology)  
 \*Colleen Davy (Psychology)  
 Yolanda Garcia (Psychology)  
 Magda Pyclik (Psychology)  
 Kaitlin Guarascio (Psychology)  
 \*Matthew Graber (Neuroscience)  
 Rachel Kolber (Psychology)  
 Kasia Bak (Psychology)  
 \*Allison Baron (Psychology)  
 \*Zach LaScola (Psychology)  
 Christine McInness (First Experiences in Research Program)  
 Charles Minnick (First Experiences in Research Program)  
 Erin Grouke (Psychology)
- \*Alison Trude (Psychology);  
 Toretta Foundation Fellowship Faculty Supervisor;  
 Honors Research (Psychology)
- Courtney Smith (Psychology);  
 Honors Research (BPhil)
- Alia Tanko, Pittsburgh Science of Learning Center Summer Intern  
 Advisor
- \*Rhonda McClain (Psychology);  
 Pittsburgh Science of Learning Center Summer Intern Advisor;  
 Honors Research (Psychology)
- Matthew Lenhart (Psychology)  
 \*Tiffany Sinclair (Psychology)  
 John Ball (Psychology)  
 \*Jaclynn Elkind (Psychology)

## RECENT STUDENT TEACHING SUPERVISION (since Fall, 2004)

Mentored 52 undergraduate students as teaching assistants for Introduction to Psychology, 2 for Honors Introduction to Psychology, 1 for Undergraduate/Graduate Bilingualism Seminar, and 4 for Undergraduate Bilingualism Seminar  
 Mentored 11 teaching fellows in teaching Introduction to Psychology recitations  
 Mentored 3 graduate student lecturers in teaching Introduction to Psychology  
 Mentored 1 undergraduate peer leader for Introduction to Psychology

## UNDERGRADUATE STUDENT CLUB MENTORING

Pitt Animal Lover's Club (2009-present)  
 Project HEAL (2016-2019)

## OUTREACH ACTIVITIES

### High School Student Mentoring

2013 E-Mentor to Pennsylvania high school student (pa-ementor.org)  
 2013 Research co-mentor to high school student through Peters Township Medical Mentoring Program  
 2016-2017 Mentor to high school student at Alderdice

### Invited Presentation

2016 National Foreign Language Week presentation, Winchester Thurston School, Shadyside

### College in High School

2015-, University of Pittsburgh College in High School Introduction to Psychology Faculty Liaison (<http://www.chs.pitt.edu>)--for the 2020-2021 year, 24 teachers are participating.

### Middle School Mentoring

Member of the Letters to a Pre-Scientist Program

## INTERNATIONAL COLLABORATIONS

Blair Armstrong, Canada (2016-; Spain 2012-2016)  
 Roger Boada, Spain (2011-)  
 Manuel Carreiras, Spain (2013-)  
 Tamar Degani, Israel (2011-)  
 Pilar Ferré, Spain (2013-)  
 Ram Frost, Israel (2013-)  
 José E. García-Albea, Spain (2010-2012)  
 José M. Gavilán, Spain (2011-2012)  
 David Green, United Kingdom (2010)  
 Sonja Kotz, United Kingdom (2013-)  
 Anat Prior, Israel (2010-)  
 Erik Reichle, Australia (2013-)  
 Rosa Sánchez-Casas, Spain (2008-2012)  
 Alba Tuninetti, Australia (2015-2019); Turkey (2020-2022)  
 Janet van Hell, Netherlands (2002-2011; ongoing collaboration, but relocated to the US)

Nourollah Zarrinabadi, Iran (2017-)

**VISITING SCHOLAR**

Roger Boada, Spain (2011)