

Amy Lebkuecher
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EDUCATION

PhD Candidate, Psychology 2019-present
The Pennsylvania State University, State College, PA
Advisor: Daniel J. Weiss, Ph.D., Professor

Master of Science, Psychology 2017-2019
The Pennsylvania State University, State College, PA
Thesis: *Plan Reuse in Motor and Language Production*
Advisor: Daniel J. Weiss, Ph.D, Professor

Master of Science, Psychology 2012-2015
Lehigh University, Bethlehem, PA
Thesis: *Second language Influence on First Language Animacy Constraints and Word Order in Korean-English Bilinguals*
Advisor: Barbara C. Malt, Ph.D, Professor

Bachelor of Science, Psychology 2008-2012
East Stroudsburg University, East Stroudsburg, PA

PUBLICATIONS

Lebkuecher, A.L., Schwob, N.G., Kabasa, M., Gussow, A., MacDonald, M.C. & Weiss, D.J. (submitted). Hysteresis in motor and language production. *Cognition*.

Lebkuecher, A.L. & Malt, B.C. (accepted). Second language influence on first language animacy constraints and word order in Korean-English bilinguals. *American Journal of Psychology*.

Lebkuecher, A.L., Chiaravalloti, N. & Strober, L. (2021). The role of language ability in verbal fluency of individuals with multiple sclerosis. *Multiple Sclerosis and Related Disorders*, 50, 102846.

Strober, L., Bruce, J.M., Arnett, P.A., Alschuler, K.N., DeLuca, J., Chiaravalloti, N., **Lebkuecher, A.L.**, Di Benedetto, M., Cozart, J., Thelen, J., Guty, E. & Roman, C. (2020). Tired of not knowing what that fatigue score means? Normative data of the Modified Fatigue Impact Scale (MFIS). *Multiple Sclerosis and Related Disorders*, 46, 102576.

Strober, L., Bruce, J.M., Arnett, P.A., Alschuler, K.N., **Lebkuecher, A.L.**, Di Benedetto, M., Cozart, J., Thelen, J., Guty, E. & Roman, C. (2020). A new look at an old test: Normative data of the Symbol Digit Modalities Test-Oral Version. *Multiple Sclerosis and Related Disorders*, 43, 102154.

Weiss, D. J., Schwob, N. & **Lebkuecher, A.L.** (2020). Bilingualism and statistical learning: Lessons from studies using artificial languages. *Bilingualism: Language and Cognition*, 23, 92-97.

Bulgarelli, F., **Lebkuecher, A.L.** & Weiss, D.J. (2018). Statistical learning and bilingualism, *Language, Speech and Hearing Services in Schools*, 49, 740-753.

Malt, B.C. & **Lebkuecher, A.L.** (2017). Representation and process in bilingual lexical interaction, *Bilingualism, Language and Cognition*, 20(5), 867-885.

MANUSCRIPTS IN PREP

Lebkuecher, A.L. & Malt, B.C. (in prep). L2 influence on L1 animacy: Comparing Japanese-English and Korean-English bilinguals. *Bilingualism: Language and Cognition*.

Lebkuecher, A.L., MacDonald, M.C. & Weiss, D.J. (in prep). Is the anticipatory practice effect common to both motor and language production? *Cognition*.

AWARDS AND OFFICES

RGSO Dissertation Award (The Pennsylvania State University)	2021
Sigma Xi Research Award (East Stroudsburg University Psychology Department)	2012
President of Psi Chi (East Stroudsburg University Chapter)	2011-2012
John Kramer Research Award (East Stroudsburg University Psychology Department)	2010

RESEARCH EXPERIENCE

Graduate Researcher, *Psychology Department, The Pennsylvania State University* 8/2017-present
Principal Investigator: Daniel J. Weiss, Ph.D.

- Develop experiments exploring the connection between motor and language planning
- Conduct data collection, coding and analyses.
- Prepare conference presentations and manuscripts for publication.

Study Coordinator, *Neuropsychology and Neuroscience Lab, Kessler Foundation, NJ* 10/2015-7/2017
Principal Investigators: Lauren B. Strober, Ph.D., Nancy D. Chiaravalloti, Ph.D.

- Conducted neuropsychological assessments with MS patients and healthy participants.
- Managed recruitment and testing efforts for four study sites.
- Quality assurance, entry and scoring of data collected from all sites.
- Assisted with IRB documentation and preparation of conference presentation materials

Graduate Researcher, *Psychology Department, Lehigh University* 8/2012-10/2015
Principal Investigator: Barbara C. Malt, PhD

- Designed experiments to test hypotheses of cross-linguistic influence in bilingual mind
 - Korean-English, Japanese-English and Chinese-English bilingual participants
- Collected and analyzed data using EPrime, SurveyMonkey, Qualtrics SPSS, and R.
- Prepared manuscripts and presented findings at conferences and brown bag talks.

Statistical/Psychometric Consultant Internship, *Creative Energy Options* 1/2012-5/2012

- Evaluated the validity and reliability of a survey-based leadership inventory.

- Conducted factor analysis and reliability analyses with SPSS and SAS.
- Wrote an executive report and present on the validation of the measure.

Statistical Student Consultant, *East Stroudsburg University Nursing Department* 1/2011-5/2012

- Evaluated the effectiveness of nursing department's student nursing program.
- Analyzed survey data using SPSS.
- Wrote reports on analyses of feedback with recommendations for improvement.

Psychometric Student Consultant, *East Stroudsburg University Sustainability Comm.* 9/2010-3/2011

- Evaluated attitudes of ESU students on different strategies for reducing CO2 emissions.
- Analyzed the validity and reliability of the surveys using SAS.
- Redesigned the surveys to be more effective based on the analyses.
- Presented findings and new survey design at the Sustainability Committee's forum.

Research Assistant, *Psychology Department, East Stroudsburg University* 8/2009-5/2012
Principal Investigator: Bonnie A. Green, Ph.D

- Evaluated validity of Implicit Attitudes Test as measure.
- Recruited participants, designed stimuli, collected and analyzed data.
- Organized and lead other research assistants.
- Presented findings at Eastern Psychological Association.

PRESENTATIONS

Lebkuecher, A.L., MacDonald, M.C. & Weiss, D.J. (2020). Is the anticipatory practice effect common to both motor and language production? Poster presented at 2020 Annual Meeting of the Psychonomic Society, Virtual Meeting, November 2020.

Diaz, M., Zhang, H., Cosgrove, A., Gertel, V., Karimi, H., Troutman, S., Barnum, O., Eads, A., Henderson, M. & **Lebkuecher, A.L.** (2020). Neural sensitivity to close phonological neighbors is consistent across the lifespan. Poster presented at 2020 Annual Meeting of the Society for the Neurobiology of Language, Virtual Meeting, October, 2020.

Lebkuecher, A.L., Schwob, N.G., Kabasa, M., MacDonald, M.C. & Weiss, D.J. (2019). Plan Reuse in Motor and Language Production. Poster presented at 2019 Annual Meeting of the Psychonomic Society, Montreal, Canada, November, 2019.

Schwob, N.G., **Lebkuecher, A.L.**, Kabasa, M., Kwon, J., Mason, A., MacDonald, M.C. & Weiss, D.J. (2018). Common Constraints in Language and Motor Planning. Poster presented at 2018 Annual Meeting of the Psychonomic Society, New Orleans, LA, November, 2018.

Lebkuecher, A.L. & Schwob, N.G. (2018). Common Constraints in Motor and Language Planning. Poster presented at 2018 Center for Language Science Young Scholar Speaker Series Poster Session, State College, PA, March, 2018.

Lebkuecher, A.L., Chiaravalloti, N.D. & Strober, L.B. (2018). Say What?: The Role of Language and Articulatory Speed in Verbal Fluency of Patients with Progressive Multiple Sclerosis. Poster presented at 2018 International Neuropsychological Society, Washington, D.C., February, 2018.

- Lebkuecher, A.L.** Language Impairment in MS. Talk presented at the Kessler Foundation Neuropsychology and Neuroscience Lab Meeting, East Hanover, NJ, June, 2017.
- Lebkuecher, A.L.** Embodiment and Language Difficulties in MS Patients. Talk presented at the Kessler Foundation Neuropsychology and Neuroscience Lab Meeting, West Orange, NJ, July, 2016.
- Lebkuecher, A.L. & Malt, B.C.** Korean-English Bilinguals Fail to Access Native-like Use of Korean Animacy Constraints and Word Order. Poster presented at 2015 Annual Meeting of the International Symposium on Bilingualism, New Brunswick, NJ, May, 2015.
- Lebkuecher, A.L. & Malt, B.C.** Korean-English Bilinguals Fail to Access Korean Animacy Constraints. Poster presented at 2014 Annual Meeting of the Psychonomic Society, Long Beach, CA, November, 2014.
- Lebkuecher, A.L., Malt, B.C. & Ping, L.** Is First-language Syntax Susceptible to Second language Influence Without Time Pressure? Poster presented at 2014 Annual Meeting of Eastern Psychological Association, Boston, MA, March, 2014.
- Lebkuecher, A.L., Malt, B.C. & Ping, L.** Is First-language Syntax Susceptible to Second language Influence Without Time Pressure? Poster presented at 2013 Annual Meeting of the Psychonomic Society, Toronto, Canada, November, 2013.
- Lebkuecher, A.L.** Backwards Syntactic Transfer: Is L1 Syntax Susceptible to L2 Influence? Talk presented at Lehigh University Psychology Department Brown Bag Colloquium, Lehigh University, Bethlehem, PA., May, 2013.
- Lebkuecher, A. L.** Metaphorical comprehension in Chinese speakers vs. English speakers. Talk presented at 2012 Annual Meeting of the East Stroudsburg University Psychology Department Research Forum, East Stroudsburg University, East Stroudsburg, PA, April, 2012.
- Lebkuecher, A. L. & Green, B. A.** Evaluating Implicit Attitudes Using Schematic Web Exercises. Talk presented at 2012 Annual Meeting of the Sigma Xi Undergraduate Research Forum, East Stroudsburg University, East Stroudsburg, PA, March, 2012.
- Lebkuecher, A. L. & Green, B. A.** Assessing the Validity of Several Spatial Aptitude Measures. Poster presented at 2012 Annual Meeting of the Eastern Psychological Association, Pittsburgh, PA, March 2012.
- Lebkuecher, A. L., Paz, M. M. & Matauic, T.** The psychometric evaluation of the ESU Sustainability Survey. Poster presented at 2012 Annual Meeting of the East Stroudsburg University Sustainability Research Forum, East Stroudsburg University, East Stroudsburg, PA, March, 2011.

TEACHING EXPERIENCE

Lab Instructor, Psychology Department, The Pennsylvania State University 8/2019-present

- Teaching lab section of research methods course to undergraduates.
- Leading group activities to teach students to evaluate existing research and propose studies
 - How to find and critically evaluate research articles

- How to design experiments, develop valid survey materials
- How to conduct statistical analyses in SPSS.
- Assist students in the development of a capstone research proposal and the literature review.

Teaching Assistant, *Psychology Department, The Pennsylvania State University* 8/2017-present

- Assisted with the teaching of undergraduate courses and student understanding of material
 - Human neuroscience
 - Psychology of language
 - Personality Theory
- Proctored and graded exams, quizzes and writing assignments
- Facilitated group discussions.

Teaching Assistant, *Psychology Department, Lehigh University* 8/2012-12/2014

- Assisted with the teaching of undergraduate courses and student understanding of material
 - Human neuroscience
 - Cognitive science
 - Statistical analysis of behavioral data
- Proctored and graded exams
- Facilitated group discussions.

Supplementary Instructor, *Psychology Department, Lehigh University* 1/2013-12/2014

- Taught recitation section and lab section to undergraduate human neuroscience courses.
- Assigned contemporary readings in the area, led discussions of assigned materials.
- Graded lab work and prepared lab materials

Student Tutor/Teaching Assistant, *Tutoring Center, East Stroudsburg University* 8/2009 – 5/2012

- Individually tutored students in General Statistics, Pre-Calculus, Quantitative Sociology.
- Took notes for students with disabilities.
- Held group study sessions weekly for Quantitative Psychology students.

GUEST LECTURES

Lebkuecher, A.L. (January, 2019). Language and Thought. Guest lecture for Psychology of Language Course at The Pennsylvania State University.

Lebkuecher, A.L. (March, 2018). Language Development and Bilingualism. Guest lecture for Introduction to Cognitive Psychology Course at The Pennsylvania State University.

Lebkuecher, A.L. (March, 2018). Language Development. Guest lecture for Psychology of Language Course at The Pennsylvania State University.

Lebkuecher, A.L. (March, 2018). Bilingualism. Guest lecture for Psychology of Language Course at The Pennsylvania State University.

Lebkuecher, A.L. (April, 2014). Culture, Language and Cognition. Guest lecture for Introduction to Cognitive Science Course at Lehigh University.

Lebkuecher, A.L. (November, 2012). Correlation and Regression in Behavioral Analyses. Guest lecture for Statistical Analysis of Behavioral Data Course at Lehigh University.

SERVICE

Bilingualism Matters Newsletter Editor-in-Chief (The Pennsylvania State University)	2021
Volunteer for ENVISION Outreach Event (The Pennsylvania State University)	2021
Cognitive Area Brownbag Coordinator (The Pennsylvania State University)	2019- 2020
Young Scholar Speaker Series Committee (The Pennsylvania State University)	2019
Peer Reviewer for <i>Journal of Experimental Psychology: Language, Memory and Cognition</i>	2019
Judith Kroll Undergraduate Student Research Award Committee (Center for Language Science)	2018
Language and Linguistics Day Committee (Center for Language Science)	2018
Bilingualism Matters Newsletter Committee (The Pennsylvania State University)	2018

AFFILIATIONS

Center for Language Science at The Pennsylvania State University

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