Kasia Hitczenko

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EMPLOYMENT

Postdoctoral Researcher 2022-pres.
Laboratoire de Sciences Cognitives et Psycholinguistique, Ecole Normale Supérieure
Advisor: Dr. Alejandrina Cristia

Postdoctoral Researcher 2019-2021
Department of Linguistics, Northwestern University
Advisors: Dr. Matthew Goldrick and Dr. Vijay Mittal

EDUCATION

University of Maryland, College Park 2014-2019
Ph.D. in Linguistics
Advisor: Dr. Naomi Feldman

Yale University 2010-2014
B.A. in Cognitive Science, *summa cum laude*
Advisor: Dr. Gaja Jarosz

PUBLICATIONS

In Progress

Hitczenko, K. & Feldman, N. H. (in revision). Naturalistic speech supports distributional learning across contexts.

Muller, H., Gaston, P., Dickerson, B., Liter, A., Durvasula, K., Hirzel, M., **Hitczenko, K.**, Kandel, M., Lyskawa, P., Nelligan, J., Papillon, M., & Perkins, L. (in revision). Gender bias in representation and publishing rates across subfields of Linguistics.

Segal, Y., **Hitczenko, K.**, Goldrick, M., Buchwald, A., Roberts, A., and Keshet, J. (submitted). DDKtor: Automatic diadochokinetic speech analysis.

Published Journal Articles and Conference Proceedings

Hitczenko, K., Cowan, H. R., Goldrick, M., and Mittal, V. A. (2021). Racial and ethnic biases in computational approaches to psychopathology. Schizophrenia Bulletin.

Hitczenko, K., Cowan, H. R., Mittal, V. A., & Goldrick, M. (2021). Automated coherence measures fail to index thought disorder in individuals at risk for psychosis. Workshop on Computational Linguistics and Clinical Psychology.

Gupta, T., Damme, K. S. F., Osborne, K. J., Vargas, T. G., Ristanovic, I., Frosch, I. R., Zarubin, V. C., **Hitczenko, K.**, Williams, T. F., Cowan, H. R., & Mittal, V. A. (2021). Psychotic disorders and risk-states in adolescence: Etiology, developmental considerations, and treatment. In Comprehensive Clinical Psychology 2nd edition, Volume 5: Case conceptualization and treatment: Children and adolescents.

Hitczenko, K., Mittal, V. A., & Goldrick, M. (2021). Understanding language abnormalities and associated clinical markers in psychosis: The promise of computational methods. Schizophrenia Bulletin.

Corcoran, C., Mittal, V. A., Bearden, C. E., Gur, R., **Hitczenko, K.**, Bilgrami, Z., Savic, A., Cecchi, G. A., & Wolff, P. (2020). Language as a biomarker for psychosis: A natural language processing approach. Schizophrenia Research.

Hitczenko, K., Mazuka, R., Elsner, M., & Feldman, N. H. (2020). When context is and isn't helpful: A corpus study of naturalistic speech. Psychonomic Bulletin & Review.

Hitczenko, K., Mazuka, R., Elsner, M., & Feldman, N. H. (2018). How to use context to disambiguate overlapping categories: The test case of Japanese vowel length. Proceedings of the 40th Annual Conference of the Cognitive Science Society.

Antetomaso, S., Miyazawa, K., Feldman, N. H., Elsner, M., **Hitczenko, K.**, & Mazuka, R. (2017). Modeling phonetic category learning from natural acoustic data. Proceedings of the 41st Boston University Conference on Language Development.

Hitczenko, K. & Feldman, N. H. (2016). Modeling adaptation to a novel accent. Proceedings of the 38th Annual Conference of the Cognitive Science Society.

Hitczenko, K. & Jarosz, G. (2014). Cognitive limitations impose advantageous constraints in word segmentation. Proceedings of the 39th Boston University Conference on Language Development.

PRESENTATIONS

Hitczenko, K., Cowan, H. R., Mittal, V. A., Goldrick, M. (2021). Automated coherence measures fail to index thought disorder in individuals at risk for psychosis. Poster presented at the Workshop on Computational Linguistics and Clinical Psychology.

Hitczenko, K. & Feldman, N. H. (2019). Naturalistic data support distributional learning across contexts. Poster presented at the 44th Boston University Conference on Language Development, Boston, MA.

Hitczenko, K., Mazuka, R., Elsner, M., & Feldman, N. H. (2019). Normalization may be ineffective for phonetic category learning. Poster presented at the 2nd Annual Meeting of the Society for Computation in Linguistics, New York, NY.

Muller, H., Gaston, P., Dickerson, B., Liter, A., Durvasula, K., Hirzel, M., **Hitczenko, K.**, Kandel, M., Lyskawa, P., Nelligan, J., Papillon, M., & Perkins, L. (2019). Gender bias in representation and publishing rates across subfields. Paper presented at the 92nd Annual Meeting of the Linguistic Society of America, New York, NY.

Hitczenko, K., Mazuka, R., Elsner, M., & Feldman, N. H. (2018). Normalization may be ineffective for phonetic category learning. Poster presented at the 43rd Boston University Conference on Language Development, Boston, MA.

Hitczenko, K., Mazuka, R., Elsner, M., & Feldman, N. H. (2018). How to use context to disambiguate overlapping categories: The test case of Japanese vowel length. Paper presented at the 40th Annual Conference of the Cognitive Science Society.

Hitczenko, K., Mazuka, R., Elsner, M., & Feldman, N. H. (2017). Exploring the efficacy of normalization in the acquisition and processing of Japanese vowels. Paper presented at the 11th Northeast Computational Phonology workshop, Stony Brook, NY.

Antetomaso, S., Miyazawa, K., Feldman, N. H., Elsner, M., **Hitczenko, K.**, & Mazuka, R. (2016). Modeling phonetic category learning from natural acoustic data. Paper presented at the 41st Boston University Conference on Language Development, Boston, MA.

Hitczenko, K. & Feldman, N. H. (2016). Modeling adaptation to a novel accent. Poster presented at the 38th Annual Conference of the Cognitive Science Society. Philadelphia, PA.

Hitczenko, K. & Feldman, N. H. (2015). Modeling adaptation to a novel accent. Paper presented at the 9th Northeast Computational Phonology workshop, Newark, DE.

Hitczenko, K. & Jarosz, G. (2014). Cognitive limitations impose advantageous constraints in word segmentation. Paper presented at the 39th Boston University Conference on Language Development, Boston, MA.

Hitczenko, K. & Jarosz, G. (2014). Cognitive limitations impose advantageous constraints in word segmentation. Poster presented at the 36th Annual Conference of the Cognitive Science Society. Quebec City, Canada.

TEACHING

Courses

Instructor, Bayesian Models of Language — Winter 2020
Full responsibility for the course, including course design

Instructor, Seminar: Processing and Learning from Variable Speech — Fall 2018
Full responsibility for the course, including course design

Teaching Assistant, Phonology I — Fall 2016
Responsible for two lectures, leading in-class problems, office hours, and grading

Graduate Mentor, PULSAR Program — Spring 2016
Co-led a weekly seminar involving language science guest speakers

Teaching Assistant, Introduction to Linguistics (non-majors) — Fall 2015
Responsible for a weekly discussion section (30 students), office hours, and grading

Tutorials

Bayesian Methods, co-led with Dr. Laurel Perkins — January 2019
2nd Annual Meeting of the Society for Computation in Linguistics

Introduction to MATLAB — April 2017
UMD Hearing and Speech Sciences Toolkit Workshop

AWARDS AND FELLOWSHIPS

NIH T32 Neuroscience of Human Cognition Trainee — 2021
Northwestern University, PI: Ken Paller

NSF Research Traineeship Fellowship — 2015-2019
UMD Language Science Center (#1449815)

BUCLD Paula Menyuk Travel Award 2014, 2018

NSF East Asia and Pacific Summer Institutes (EAPSI) Fellowship (#1713974) 2017

NSF Graduate Research Fellowship Honorable Mention 2016

Phi Beta Kappa Society Inductee 2013

PROFESSIONAL EXPERIENCE

Bias in Linguistics group member 2018-pres.

Outreach Committee (co-chair: 2016-2017), UMD Language Science Center 2015-2017

Colloquium Committee, UMD Linguistics 2015-2017

UMD North American Computational Linguistics Olympiad (NACLO) co-organizer 2015-2017

Maryland Day Language Science Tent Organizer 2016

Adhoc Reviewing: ACL, NAACL, Society for Computation in Linguistics (SCiL), International Conference on Computational Linguistics (COLING), Cognition, Language Learning and Development, Psychonomic Bulletin & Review, Applied Linguistics, Journal of Abnormal Psychology, Annual Meeting of the Cognitive Science Society (CogSci)

Last updated: January 31, 2022