

Kole A. Norberg

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EDUCATION

2022	Ph.D. Candidate: Cognitive Psychology Advisor: Scott Fraundorf <i>Minor in quantitative psychology</i> <i>Certificate in neuroscience</i> from Center for Neural Basis of Cognition University of Pittsburgh, Pittsburgh, PA
2020	M.S. in Cognitive Psychology University of Pittsburgh, Pittsburgh, PA
2009	M.F.A. in Creative Writing - Fiction Florida Atlantic University, Boca Raton, FL
2003	B.A. in Psychology Indiana University, Bloomington, IN

PROFESSIONAL POSITIONS

2020-present	Graduate Teaching Assistant University of Pittsburgh – Psychology Dept. – Pittsburgh, PA
2017-2020	Graduate Student Researcher Learning Research and Development Center – University of Pittsburgh
2015-2017	Research Assistant Advisor: Natalie Kacinik, Ph.D. – Brooklyn College – Brooklyn, NY
2013-2017	Instructor of Developmental Reading/Writing (Adult Literacy) Kingsborough Community College – CUNY Start – Brooklyn, NY
2011-2013	Copy Writer and Web Manager Hides in Shape (retail store) -- New York City, NY
2009-2011	Adjunct Lecturer Queensborough Community College – English Dept. – Queens, NY
2007 to 2008	Graduate Teaching Assistant Florida Atlantic University – English Department – Boca Raton, FL

RESEARCH INTERESTS

Broad	Reading, psycholinguistics, memory, metacognition, comprehension, learning
Specific	Text cohesion, integration across sentence boundaries, reading skill, metacomprehension, and miscomprehension

AWARDS

Jan. 2021	LRDC Graduate Student Council Award, LRDC, Univ. of Pittsburgh (\$250)
Dec. 2020	Myers Research Excellence Award, Univ. of Pittsburgh, Dept of Psychology (\$500)
July 2019	Outstanding Student Paper, Society of Text and Discourse Conference (\$100)
March 2018	Outstanding Student Presentation, Grad Student Expo, Univ. of Pittsburgh (\$100)

 PUBLICATIONS AND MANUSCRIPTS

- Norberg, K. A.**, Fraundorf, S. H. (2021). Memory benefits from contrastive focus truly require focus: Evidence from clefts and connectives. *Language, Cognition, and Neuroscience*. Advanced online publication. <https://doi.org/10.1080/23273798.2021.1901944>
- Norberg, K. A.**, Han, H., Cho, B-Y., Fraundorf, S. H. (2021). (under review). Getting there is half the journey: A machine learning analysis of internet navigation behaviors in high-school digital literacy. Invited resubmission at *Cognition and Instruction*.
- Han, H., **Norberg, K. A.**, Fraundorf, S. H., Cho, B-Y. (2021). (under review). What makes skilled readers in print reading become more and less successful in an online setting? Invited resubmission at *Literary Research and Instruction*.
- Norberg, K. A.**, Perfetti, C., Helder, A. (2021). (under review). Word-to-text integration and antecedent accessibility: Eye-tracking evidence extends results of ERPs.
- Norberg, K. A.**, Duff, D., Kohut, K. (2021). (in preparation). Short sentences and simple words aren't enough: The importance of cohesion in patient education materials.
- Norberg, K. A.**, Fraundorf, S. H. (2021). (in preparation). Under the influence of connectives: Causal connectives and clause order interact to influence processing and retention of text.
- Cho, B-Y., **Norberg, K. A.**, Han, H., Fraundorf, S. H. (2021). (in preparation). Can metacognitive navigation help learning from web sources? A path-model study of adolescents' reading in an online text environment.
- Fraundorf, S.H., Han, H., **Norberg, K. A.**, Cho, B-Y. (2021). (in preparation). Experimental study of metacognitive knowledge intervention for high school students.

 PEER REVIEWED CONFERENCE PRESENTATIONS

- Norberg, K. A.**, Duff, D., Mckeown, M. G. (2021, July). Health Literacy: Cohesion, vocabulary, and reader characteristics interact to affect comprehension of written health information. Paper presented at the Society for the Scientific Study of Reading, virtual.
- Han, H., **Norberg, K.**, Cho, B. & Fraundorf, S. H. (2020, April). What makes skilled readers in print reading become more and less successful in an online setting? [Paper Session]. AERA Annual Meeting San Francisco, CA <http://tinyurl.com/sugago8> (Conference Canceled)
- Cho, B.-Y., Fraundorf, S.H., **Norberg, K.A.**, Han, H. (2019, Dec.). Can metacognitive knowledge support adolescents' critical questioning in an internet reading task? Paper presented at Literary Research Association, Tampa, FL.
- Norberg, K. A.**, Han, H., Cho, B-Y., Fraundorf, S. H. (2019, July). Can online search strategies predict learning from internet sources? A correlational analysis. Paper presented at the Society for Text and Discourse, New York, NY. – recipient of Outstanding Student Paper Award.

Cho, B-Y., Fraundorf, S.H., **Norberg, K. A.**, Han, H. (2019, July). An experimental study of metacognitively-oriented digital reading interventions. Paper presented at the Society for the Scientific Study of Reading, Toronto, ON.

POSTER PRESENTATIONS

Norberg, K. A., Perfetti, C., Helder, A. (2021, Aug.). Word-to-text integration and antecedent accessibility: Eye-tracking evidence extends results of ERPs. Poster accepted at the 31st Annual Meeting of the Society for Text & Discourse, virtual.

Norberg, K. A., Fraundorf, S. H. (2020, March). Adaptive reading in response to connective location and clause order. Poster presented at the 33rd Annual CUNY Conference on Human Sentence Processing, Amherst, MA. <https://osf.io/m3uex/>

Norberg, K. A., Fraundorf, S. H. (2019, Nov.). Under the influence of connectives: how connective presence and clause order affect retention of text. Poster presented at the 60th Annual Meeting Psychonomics, Montréal, QC.

Norberg, K. A., Fraundorf, S. H. (2018, Nov.). What should I remember?: Clefts and connectives affect later text memory. Poster presented at the 59th Annual Meeting Psychonomics Society, New Orleans, LA.

Norberg, K. A., Fraundorf, S. H. (2018, June). What should I remember?: Clefts and connectives affect later text memory. Poster presented at the 6th International Workshop on Advance Learning Sciences, Pittsburgh, PA.

Norberg, K. A., Fraundorf, S. H. (2018, March). Adversative connectives' effect on recognition memory. Poster presented at the University of Pittsburgh Grad Expo, Pittsburgh, PA. – **recipient of Outstanding Presenter Award.**

Kacirik, N. A., **Norberg, K. A.**, Choudhary, M., Scotto, M. (2017, Nov.). Examining the invariance of word processing: Do manipulations of size affect size judgments. Poster presented at the Psychonomic Society 58th Annual Meeting, Vancouver, British Columbia, Canada.

Kacirik, N. A., **Norberg, K. A.** (2017, March). Cerebral asymmetries in metaphor comprehension: Examining the influence of task. Poster presented at the 24th Cognitive Neuroscience Society Annual Meeting, San Francisco, CA.

Kacirik, N. A., **Norberg, K. A.**, Klein, E., Feintuch, M., Goldberg, A., & Samouha, L. (2016, March). Small elephants and big needles: Perceptual information does not generally affect the processing of words. Poster presented at the 121st Annual Convention of the Eastern Psychological Association, New York City, NY.

OTHER SPOKEN PRESENTATIONS

Norberg, K. A. (2021, April). How to do multiple regression by hand. Paper presented at Community for Advanced Methodological Learning (student-organized statistics group), University of Pittsburgh, Pittsburgh, PA.

Norberg, K. A., Perfetti, C. (2021, Jan.). Making an antecedent more accessible in memory: A role for global context. Paper presented at Center for Neural Basis of Cognition Brain Bag, University of Pittsburgh, Pittsburgh, PA.

- Norberg, K. A.**, Duff, D. (2020, Oct.). Constructing health texts to inform low literacy populations: The importance of measuring cohesion. Paper presented at University of Pittsburgh Chapter of the Psi Chi International Honor Society, Pittsburgh, PA.
- Norberg, K. A.**, Duff, D. (2020, Sept.). Cohesion increases the “grade level” of a health text but improves comprehension. Paper presented at Cognitive Psychology Talk series, University of Pittsburgh, Pittsburgh, PA.
- Norberg, K. A.**, Fraundorf, S. H. (2020, Jan.). Adaptive reading in response to connective location and clause order. Paper presented at Psychology Cognitive Lunchtime Talk Series, University of Pittsburgh, Pittsburgh, PA.
- Norberg, K. A.**, Fraundorf, S. (2019, Sept.). Under the influence of connectives: Connective location and clause order influence online processing and retention of text. Paper presented at Reading and Language Group, University of Pittsburgh.
- Norberg, K. A.**, Fraundorf, S. H. (2019, March). Under the influence of connectives: How connective location and clause order interact to influence retention of text. Paper presented at Cognitive Psychology Talk Series, University of Pittsburgh, Pittsburgh, PA.
- Norberg, K. A.**, Fraundorf, S. H. (2018, April). What should I remember?: Clefts and connectives affect later text memory. Paper presented at Cognitive Psychology Talk Series, University of Pittsburgh, Pittsburgh, PA.

INSTITUTIONAL SERVICE

	While at University of Pittsburgh:
2020-present	LGBTQIA+ Community Group Coordinator, Psychology Department
2020-present	Development and maintenance of Psychology Equity and Inclusion website: https://psychology.pitt.edu/equity-and-inclusion
2020-2021	Graduate representative, Psychology Department Executive Committee
2020-2021	Graduate student representative, Psychology Department COVID response team
2019-2020	Graduate student council representative, Learning Research & Development Center
2018-2019	Graduate student representative, Kenneth P. Dietrich School of Arts and Sciences Planning and Budget Committee
2018-2019	Biweekly talk series coordinator, Reading and Language Group, Learning Research & Development Center
2019-present	Ad hoc co-reviewer with Scott Fraundorf: <i>Cognition</i> <i>Discourse Processes</i>
	Ad hoc reviewer: <i>Journal of Experimental Psychology: Learning, Memory, and Cognition</i> <i>Argentine Journal of Behavioral Sciences</i>

TEACHING

Undergraduate Courses

- Introduction to Psychology 360 (Graduate TF – Fall 2021)
 Psychological Aspects of Human Sexuality (Graduate TA – Spring 2021)
 Research methods (Graduate TA – Fall 2020)

Developmental adult literacy skills (2013-2017)
 Freshman composition levels 1 and 2 (2007-2011)

Graduate Courses

Statistical Analysis II (Graduate TA; Spring 2021)

Workshops

Pedagogy training (Facilitator; 2014-2017)
 Led four workshops for teachers addressing pedagogical issues related to executive function, student engagement, and promoting comprehension.

MENTORING

Undergraduate B.Phil. honors thesis

Catherine Apgar (in progress)

Directed Research

Catherine Apgar (5 terms), Angela Tanygin (4 terms), Lydia Boyer (2 terms), Cody Gilbert (2 terms), Dongxiao Li (2 terms), Joanna Ye (2 terms), Danni Zhang (2 terms), Suzy Wan (2 terms), Lauren Zaslow (1 term), Brett Soltysiak (1 term), Sriteja Gummadi (1 term), Nishant Purewal (1 term)

TECHNICAL and STATISTICAL EXPERIENCE

Computer

R, Python, EyeLink, HTML and CSS, Data Visualization

Statistical

Linear, Generalized Linear, and Mixed Effect Models; Random Forests; Bayesian Analysis and Bayes Factors