

H-T. Michael Chen
Curriculum Vitae (last updated 08/08/2019)

Eastern Kentucky University
Department of Psychology
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EDUCATION

- 2015 Ph. D. Experimental Psychology (Cognitive & Human Factors), University of Kentucky
Dissertation: Effects of Text-to-Speech Rendering Strategies on Learning
Advisor: Robert F. Lorch, Ph. D.
- 2011 M.S. Experimental Psychology, University of Kentucky
Thesis: Reader's Knowledge of Functional Devices
Advisor: Robert F. Lorch, Ph. D.
- 2006 B.A. Biology, Berea College
Cum Laude

CERTIFICATES

- 2013 Applied Statistics
- 2011 College Teaching and Learning (Preparing Future Faculty)

ACADEMIC POSITIONS

- 2016-Present Assistant Professor, Eastern Kentucky University
- 2015-2016 Instructor, Florida International University

PEER-REVIEWED PUBLICATIONS

- Chen, H-T., Thomas M. (*under review*). Effects of Video Rendering Styles on Learning.
- Chen, H-T., Horne, B. D., Florell, D., & Thomas, M. (*under review*). Effects of Priming Messages to Decrease Negativity in Online Learning Environments.
- Chen, H-T., & Henning, J. (2018). Gamified Practice Test 2.0. *Proceedings of the 34th annual Distance Teaching & Learning Conference*, Madison, WI.
- Chen, H-T., Lorch, R.F. (2018). Effects of Audio Headings on Learning. *Journal of Experimental Psychology: Applied*, 24(2), 207-221. doi: 10.1037/xap0000143

- Lorch, R.F., Lorch, E., Freer, B., Calderhead, W., Dunlap, E., Reeder, E., Van Neste, J., Chen, H-T. (2017). Very Long-Term Retention of the Control of Variables Strategy Following a Brief Intervention. *Contemporary Educational Psychology*. doi: 10.1016/j.cedpsych.2017.09.005
- Chen, H-T., Lee, M. (2017). Re-designing a practice test into a game. *Proceedings of the 2017 International Annual Meeting of the Human Factors and Ergonomics Society*, Austin, TX: The Human Factors and Ergonomics Society. doi: 10.1177/1541931213601790
- Chen, H-T., Bradford, R.S., Lusby, B.A., Fornash, A. (2017). Promoting students' sense of connectedness using strategic in-class groups. In R. Carpenter, C. Sweet, H. Blythe, M. Winslow & S. O'Brien (Eds.), *Innovations In Teaching & Learning: Inaugural Proceedings of the 2017 Pedagogicon*, Richmond KY: Pedagogicon
- Chen, H-T. (2016). Writing the literature review section: Teaching undergraduate psychology students scientific writing. In S. Neilsen (Ed.), *Proceedings of The 15th Annual South Florida Education Research Conference*, Miami FL: Annual South Florida Education Research Conference.
- Lorch, R. F., Chen, H-T., Jawahir, A. A. & Lemarié, J. (2016). Communicating printed headings to the ear. *Ergonomics*, 1-8. doi:10.1080/00140139.2015.1076058.
- Lorch, R. F., Lemarié, J. & Chen, H-T. (2013). Signaling topic structure via headings or preview sentences. *Psicologia Educativa* 19, 59-66. doi:10.1016/S1135-755X(13)70011-3
- Lorch, R. F., Chen, H-T. & Lemarié, J. (2012). Communicating headings and preview sentences in text and speech. *Journal of Experimental Psychology: Applied*, 18(3), 265. doi:10.1037/a0029547

OTHER PUBLICATIONS

- Chen, H-T. (2017). Supporting Students Using Balanced In-Class Small Groups. *E-xcellence in Teaching Essay*. Retrieved from <https://teachpsych.org/E-xcellence-in-Teaching-Blog/5005342>

CONFERENCE PRESENTATIONS (*denotes student co-authors)

- Moore, E.*, Thomas, M.*, Chen, H-T. (2019, May). Perception of Telepsychology Based on Age and Location. Poster session presented at Eastern Kentucky University's 2019 *Pedagogicon*, Richmond, KY.
- Hill, H.*, Phillips, J.*, Legg, B.*, Thomas, M.*, Chen, H-T. (2019, May). Text-To-Speech Learning in Semi-Autonomous Driving Situations. Poster session presented at Eastern Kentucky University's 2019 *Pedagogicon*, Richmond, KY.
- Bush, D.*, Thomas, M.*, Chen, H-T. (2019, May). Usefulness of Highlighting As A Studying Strategy. Poster session presented at Eastern Kentucky University's 2019 *Pedagogicon*, Richmond, KY.
- Thomas, M.*, Bush, D.*, Chen, H-T. (2019, May). Effects of Functional Headings on Reading. Poster session presented at Eastern Kentucky University's 2019 *Pedagogicon*, Richmond, KY.

- Chen, H.-T. (2018, October). Effects of Video Rendering Styles on Learning. Oral presentation presented at the Society for the Teaching of Psychology's *2018 Annual Conference on the Teaching of Psychology*, Phoenix, AZ.
- Chen, H.-T., Horne, B. (2018, October). Effects of Priming on Online Discussion Behavior. Oral presentation presented at the Human Factors and Ergonomics Society's *2018 International Annual Meeting of the Human Factors and Ergonomics Society*, Philadelphia, PA.
- Chen, H.-T., & Henning, J. (2018, August). Gamified Practice Test 2.0. Oral presentation given at the *34th annual Distance Teaching & Learning Conference*, Madison, WI.
- Chen, H.-T., & Henning, J. (2018, May). Revisiting the Gamified Practice Test Strategy. Oral presentation given at Eastern Kentucky University's *2018 Pedagogicon*, Richmond, KY.
- Thomas, M.*, Catalan, A.*, Bradford, R. S.*, Berry, A.*, Chen, H.-T. (2018, May). Online Video Rendering and Effects on Learning. Poster session presented at Eastern Kentucky University's *2018 Pedagogicon*, Richmond, KY.
- Lusby, B.*, Catalan, A.*, Thomas, M.*, Berry, A.*, Chen, H.-T. (2018, May). The Effects of a Growth Mindset on Reading Comprehension. Poster session presented at Eastern Kentucky University's *2018 Pedagogicon*, Richmond, KY.
- Bradford, R. S.*, Catalan, A.*, Thomas, M.*, Fornash, A.*, Chen, H.-T. (2018, May). Behaviors in Online Environments: Cuing from League of Legends. Poster session presented at Eastern Kentucky University's *2018 Pedagogicon*, Richmond, KY.
- Incera, S., Chen, H.-T., Winslow, M. (2018, May). Upgrade: A Blackboard Course to Teach Students Research-Based Learning Strategies. Poster session presented at Eastern Kentucky University's *2018 Pedagogicon*, Richmond, KY.
- Chen, H.-T., Lee, M. (2017, October). Re-designing A Practice Test Into A Game. Poster session presented at the Human Factors and Ergonomics Society's *2017 International Annual Meeting of the Human Factors and Ergonomics Society*, Austin, TX.
- Bradford, R.*, Lusby, B.*, Fornash, A.*, Chen, H.-T. (2017, May). The Effect of Using Similar and Contrasting In-Class Small Groups on Student Persistence. Poster session presented at Eastern Kentucky University's *2017 Pedagogicon*, Richmond, KY.
- Chen, H.-T., Bradford, R.*, Lusby, B.*, Fornash, A.*, (2017, May). Gamifying the Practice-Testing Learning Strategy. Poster session presented at Eastern Kentucky University's *2017 Pedagogicon*, Richmond, KY.
- Chen, H.-T. (2016, October). Promoting Student Persistence through Small Groups. Poster session presented at the Society for the Teaching of Psychology's *2016 Annual Conference on the Teaching of Psychology*, Atlanta, GA.
- Chen, H.-T. (2016, May). Writing the literature review section: Teaching undergraduate psychology students scientific writing. In S. Neilsen (Ed.), *Proceedings of The 15th Annual South Florida Education Research Conference*. Paper presented at the 15th Annual South Florida Education Research Conference, Florida International University, Miami FL.

- Chen, H.-T. (2016, May). Effect of Audio Signals on Listeners' Memory. Poster session presented at the *Fisheschrift — Applied Cognition and the Cognitive Interview: A conference in honor of Dr. Ron Fisher*, Miami, FL.
- Chen, H.-T. & Lorch, R.F. (2015, July) Effects of Headings on Processing of Audio Texts. Presented at the 25th *Annual Meeting of the Society for Text and Discourse*, Minneapolis, MN.
- Chen, H.-T., Lorch, R. F. (2014, May). Communication of Headings by Text-to-Speech Software. Poster session presented at the *2014 Conference on Language, Discourse, and Cognition*, Taipei, Taiwan.
- Chen, H.-T., Lorch, R. F., Chow, J., Carter, N., Crispin, R. (2011, March). Effects of Signals on Outlining. Poster session presented at the *2011 Kentucky Psychological Association Foundation Spring Academic Conference*, Frankfort, KY.
- Chen, H.-T., Lorch, R. F., Chow, J., Carter, N., Crispin, R. (2011, May). Effects of Signals on Outlining. Poster session presented at the *2011 Midwestern Psychology Association Annual Conference*, Chicago, IL.
- Lorch R., Chen H.-T., Chow J., Carter N., Crispin R. (2011, July). Effects on Outlining of Signaling Topics in Printed and Spoken Texts. Poster session presented at the *Annual Meeting of the Society for Text & Discourse*, Poitiers, France.
- Freer, B., Dunlap E. E., Koslaski, J. S., Chen, H.-T., Calderhead W., Lorch, E. P., Lorch, R.F., (2011, April) Very Long-Term Effects of Teaching the Control of Variables Strategy in High and Low Achieving 4th Grade Classrooms. Poster session presented at the *Biennial Meeting of the Society for Research in Child Development*, Montreal, Quebec, Canada.
- Koslaski, J. S., Chen, H.-T., Freer, B., Dunlap E. E., Calderhead W., Lorch, E. P., Lorch, R.F., (2011, April) Effects of Variable Complexity and Planning Support on 4th Graders' Acquisition of the Control of Variables Strategy. Poster session presented at the *Biennial Meeting of the Society for Research in Child Development*, Montreal, Quebec, Canada.

GRANTS

- Text-To-Speech Learning in Semi-Autonomous Driving Situations. *PI*: Hung-Tao Chen. University-Funded Scholarship Grant, \$2997 (Funded). 2019
- Promoting Chinese Language Education. *PI*: Hung-Tao Chen, *CoPI*: Chenyi Zhang. Eastern Kentucky University Diversity Mini-Grant, \$1500 (Funded). 2018

TEACHING EXPERIENCE

- 2016- Present Assistant Professor, Department of Psychology, Eastern Kentucky University
 Introduction to Psychology
 Research Methods
 Physiological Psychology
 Cognitive Psychology

2015-2016 Instructor, Department of Psychology, Florida International University
 Research Methods
 Introduction to Psychology
 Biopsychology
 Human Factors Psychology
 Cognitive Processes

Summer 2014 Instructor, Department of Psychology, University of Kentucky
 Learning and Cognition

Summer 2014 Course Developer, College of Arts & Science, University of Kentucky
 Research Method Tools

Fall 2013 Instructor, Department of Psychology, Eastern Kentucky University
 General Psychology (2 sections)

Fall 2011 Instructor, Department of Psychology, Berea College
 General Psychology

2009-2015 Teaching Assistant, Department of Psychology, University of Kentucky
 Statistics
 General Psychology
 Learning & Cognition
 Research Methods
 General Psychology Online Lab

PROFESSIONAL EXPERIENCE

2017-Present Human Factors Consultant

Summer 2014, 2015 Instructional Designer, College of Arts & Science, University of Kentucky

Summer 2011, 2012 Instructional Designer, College of Arts & Science, University of Kentucky

Spring 2012 Visiting Scholar, Université de Toulouse II - Le Mirail

2007-2009 Civil Service, Ministry of Education, Taiwan
 National Distinguished Civil Serviceman

AWARDS

- 2019 Critical Thinking Teaching Award (nominated)
- 2019 Critical Reading Teaching Award (nominated)
- 2018 Faculty Innovation in Teaching, Eastern Kentucky University
- 2018 Critical Reading Teaching Award (Nominated), Eastern Kentucky University
- 2018 President's Scholarship and Research Fund, Eastern Kentucky University (\$500)
- 2017 Society for the Teaching of Psychology Early Career Travel Grant (\$500)
- 2017 Excellence in Online Course Design (Nominated), Eastern Kentucky University
- 2017 Excellence in Online Teaching (Nominated), Eastern Kentucky University
- 2016 Teaching Award for the College of Arts, Sciences, and Education, Florida International University
- 2016 Distinguished Course Award (Biopsychology), Florida International University
- 2015 Make A Difference Award, University of Kentucky Psychology Department
- 2004 Phi Kappa Phi, Berea College

DEPARTMENTAL SERVICE

- 2019-2020 Awards Committee (EKU)
- 2018-2019 Colloquium Organizing Committee (EKU)
- 2017-2018 Colloquium Organizing Committee (EKU)
- 2016-2017 Introduction to Psychology Course Redesign Committee (FIU)
- 2015-2017 Undergraduate Curriculum Committee (FIU)
- 2015-2017 Research Method Course Redesign Committee (FIU)
- 2015 Instructor Search Committee (FIU)
- 2015 Career day colloquium speaker & faculty panelist (FIU)
- 2014-2015 Graduate student executive committee representative (UK)
- 2012-2013 Student representative in departmental faculty meeting (UK)

UNDERGRADUATE STUDENTS MENTOREDEastern Kentucky University

- Jon Phillips (2019-present)
- Beth Legg (2019-present)
- Haley Hill (2019-present)
- Emma Moore (2017-2019)
- Aislinn Muccione (2018)
- Deja Bush (2018-2019)
- Alexandra Berry (2016-2019)
- Amanda Catalan (2016-2018), recipient of Laura D. Kramer scholarship, President of Psi Chi, EKU Marching Band Color Guard Section Leader, admitted to the PsyD Program at EKU, 2019 Outstanding Psychology Senior
- Megan Thomas (2016-2018), admitted to the PsyD Program at EKU, 2018 Outstanding Psychology Senior
- Chris Butcher (2016-2017), admitted to the Higher Education Leadership M.S. Program at EKU
- Justin Morgan (2016-2017), admitted to the PhD program in Human Factors at Wright State University
- Allison Fornash (2016-2017)
- Hannah Norris (2016-2018)
- Parker Gilmet (2017-2018)

Florida International University

Daniel DeBarge (01/16-05/16), 37th Annual Academic Achievement & Service Award Recipient

Sebastian Suarez (08/15-05/16), 37th Annual Academic Achievement & Service Award Recipient

Sabrina Ramirez (01/16-05/16), Introduction to Psychology Learning Assistant

Haydee Velazquez (01/16-05/16), Introduction to Psychology Learning Assistant

Jackeline Pivaral (01/16-05/16), Introduction to Psychology Learning Assistant

GRADUATE STUDENTS MENTORED

Megan Thomas (2018-present), Current lab manager, Doctoral student in the PsyD Program at ECU

Scott Bradford (2016-2018), Former lab manager, Research Analyst at Ohio State University

Bryan Lusby (2016-2017)

PROFESSIONAL MEMBERSHIPS

Human Factors and Ergonomics Society

Society for the Teaching of Psychology

Society for Text and Discourse

LANGUAGES

English Bilingual fluency in speaking, reading, and writing

Chinese Bilingual fluency in speaking, reading, and writing