

**H-T. Michael Chen**  
Curriculum Vitae (07/14/2020)

Eastern Kentucky University  
Department of Psychology  
106 Cammack  
Richmond KY, 40475

Phone: 859-622-3485  
E-mail: michael.chen@eku.edu  
Webpage: <https://michaelchen.co>

---

## 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

- 2020-Present Associate Chair of the Psychology Department, Eastern Kentucky University
- 2020-Present Associate Professor, Eastern Kentucky University
- 2016-2020 Assistant Professor, Eastern Kentucky University
- 2015-2016 Instructor, Florida International University

## PEER-REVIEWED PUBLICATIONS

- Chen, H-T., & Thomas, M. (*in press*). Effects of audio learning on semi-autonomous driving safety. *Proceedings of the 2020 International Annual Meeting of the Human Factors and Ergonomics Society*, Chicago, IL: The Human Factors and Ergonomics Society.
- Morris, T. W., & Chen, H-T. (*in press*). The influence of voice on pedagogical agent's persona and recall performance. *Proceedings of the 2020 International Annual Meeting of the Human Factors and Ergonomics Society*, Chicago, IL: The Human Factors and Ergonomics Society.

- Chen, H-T., & Thomas M. (2020). Effects of video rendering styles on learning. *Educational Technology Research and Development*. <https://doi.org/10.1007/s11423-020-09757-6>
- Chen, H-T., Horne, B. D., Florell, D., & Thomas, M. (2020). Effects of priming messages to decrease negativity in online learning environments. *Scholarship of Teaching and Learning in Psychology*. <https://doi.org/10.1037/stl0000195>
- Lorch, R.F., Lorch, E., Freer, B., Calderhead, W., Dunlap, E., Reeder, E., Van Neste, J., & Chen, H-T. (2019). Oversimplifying teaching of the control of variables strategy. *Psychologia Educativa*. <https://doi.org/10.5093/psed2019a13>
- Chen, H-T., & Henning, J. (2018). Gamified Practice Test 2.0. *Proceedings of the 34<sup>th</sup> annual Distance Teaching & Learning Conference*, Madison, WI. <https://dtlconference.wisc.edu/wp-content/uploads/2018/08/2018-Distance-Teaching-and-Learning-Conference-Proceedings.zip>
- Chen, H-T., & Lorch, R.F. (2018). Effects of audio headings on learning. *Journal of Experimental Psychology: Applied*, 24(2), 207-221. <https://doi.org/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*. <https://doi.org/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. <https://doi.org/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. <https://encompass.eku.edu/pedagogicon/>
- Chen, H-T. (2016). Writing the literature review section: Teaching undergraduate psychology students scientific writing. In S. Neilsen (Ed.), *Proceedings of The 15<sup>th</sup> Annual South Florida Education Research Conference*, Miami FL: Annual South Florida Education Research Conference. <https://digitalcommons.fiu.edu/sferc/2016/2016/5/>
- Lorch, R. F., Chen, H-T., Jawahir, A. A., & Lemarié, J. (2016). Communicating printed headings to the ear. *Ergonomics*, 1-8. <https://doi.org/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. [https://doi.org/10.1016/S1135-755X\(13\)70011-3](https://doi.org/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. <https://doi.org/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)

- Chen, H-T., & Thomas, M.\* (2020, October). *Effects of audio learning on semi-autonomous driving safety* [Poster session]. 2020 International Annual Meeting of the Human Factors and Ergonomics Society, Chicago, IL, United States.
- Morris, T. W.\*, & Chen, H-T. (2020, October). *The influence of voice on pedagogical agent's personal and recall performance* [Lecture session]. 2020 International Annual Meeting of the Human Factors and Ergonomics Society, Chicago, IL, United States.
- Chen, H-T, Thomas, M.\*, McClure, K.\*, & Kinmon, S.\* (2020, May). *Teaching students effective learning strategies through an in-class experiment* [Poster session]. 2020 Pedagogicon, Richmond, KY, United States.
- Thomas, M.\*, Kinmon, S.\*, McClure, K.\*, & Chen, H-T. (2020, May). *Processing of headings in scientific journal articles* [Poster session]. 2020 Pedagogicon, Richmond, KY, United States.
- Phillips, J.\*, Warman, P.\*, Dean, F.\*, White, A.\*, Parker, A.\*, & Chen, H-T. (2020, May). *Face to face versus online interaction* [Poster session]. 2020 Pedagogicon, Richmond, KY, United States.
- Morris, T. W.\*, & Chen, H-T. (2020, May). *The influence of an audio agent's voice on student perception and recall* [Poster session]. 2020 Pedagogicon, Richmond, KY, United States.
- Morris, T. W.\*, & Chen, H-T. (2020, April). *The influence of an agent's voice on learning outcomes* [Conference workshop]. Midwestern Psychological Association, Chicago, IL, United States. (Conference canceled due to COVID-19)
- Morris, T. W.\*, & Chen, H-T. (2020, April). *The influence of voice on pedagogical agent persona* [Conference workshop]. Southeastern Psychological Association, New Orleans, LA, United States. (Conference canceled due to COVID-19)
- Chen, H-T. (2020, January). *Teaching of heading structure to augment highlighting strategy* [Poster session]. 2020 Annual Conference for the National Institute on the Teaching of Psychology, St. Pete Beach, FL, United States.
- Hill, H.\*, Phillips, J.\*, Legg, B.\*, Thomas, M.\*, & Chen, H-T. (2019, November). *Audio learning in autonomous driving situations* [Poster session] 2019 Kentucky Academy of Science Annual Meeting, Berea, KY, United States.
- Moore, E.\*, Thomas, M.\*, & Chen, H-T. (2019, May). *Perception of telepsychology based on age and location* [Poster session] 2019 Pedagogicon, Richmond, KY, United States.
- Hill, H.\*, Phillips, J.\*, Legg, B.\*, Thomas, M.\*, & Chen, H-T. (2019, May). *Text-To-Speech learning in semi-autonomous driving situations* [Poster session]. 2019 Pedagogicon, Richmond, KY, United States.
- Bush, D.\*, Thomas, M.\*, & Chen, H-T. (2019, May). *Usefulness of highlighting as a studying strategy* [Poster session] 2019 Pedagogicon, Richmond, KY, United States.

- Thomas, M.\*, Bush, D.\*, & Chen, H-T. (2019, May). *Effects of functional headings on reading* [Poster session] 2019 Pedagogicon, Richmond, KY, United States.
- Chen, H.-T. (2018, October). *Effects of video rendering styles on learning* [Lecture session] 2018 Annual Conference on the Teaching of Psychology, Phoenix, AZ, United States.
- Chen, H.-T., & Horne, B. (2018, October). *Effects of priming on online discussion behavior* [Lecture session] 2018 International Annual Meeting of the Human Factors and Ergonomics Society, Philadelphia, PA, United States.
- Chen, H-T., & Henning, J. (2018, August). *Gamified practice test 2.0* [Lecture session]. 34<sup>th</sup> annual Distance Teaching & Learning Conference, Madison, WI, United States.
- Chen, H-T., & Henning, J. (2018, May). *Revisiting the gamified practice test strategy* [Lecture session]. 2018 Pedagogicon, Richmond, KY, United States.
- Thomas, M.\*, Catalan, A.\*, Bradford, R. S.\*, Berry, A.\*, & Chen, H-T. (2018, May). *Online video rendering and effects on learning* [Poster session]. 2018 Pedagogicon, Richmond, KY, United States.
- Lusby, B.\*, Catalan, A.\*, Thomas, M.\*, Berry, A.\*, & Chen, H-T. (2018, May). *The effects of a growth mindset on reading comprehension* [Poster session]. 2018 Pedagogicon, Richmond, KY, United States.
- 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]. 2018 Pedagogicon, Richmond, KY, United States.
- Incera, S., Chen, H-T., & Winslow, M. (2018, May). *Upgrade: A blackboard course to teach students research-based learning strategies* [Poster session]. 2018 Pedagogicon, Richmond, KY, United States.
- Chen, H.-T., & Lee, M. (2017, October). *Re-designing a practice test into a game* [Poster session]. 2017 International Annual Meeting of the Human Factors and Ergonomics Society, Austin, TX, United States.
- 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] 2017 Pedagogicon, Richmond, KY, United States.
- Chen, H.-T., Bradford, R.\*, Lusby, B.\*, & Fornash, A.\*, (2017, May). *Gamifying the practice-testing learning strategy* [Poster session] 2017 Pedagogicon, Richmond, KY, United States.
- Chen, H.-T. (2016, October). *Promoting student persistence through small groups* [Poster session]. 2016 Annual Conference on the Teaching of Psychology, Atlanta, GA, United States.
- Chen, H-T. (2016, May). *Writing the literature review section: Teaching undergraduate psychology students scientific writing* [Lecture session]. 15<sup>th</sup> Annual South Florida Education Research Conference at Florida International University, Miami FL, United States.
- Chen, H.-T. (2016, May). *Effect of audio signals on listeners' Memory* [Poster session] Fishschrift — Applied Cognition and the Cognitive Interview: A conference in honor of Dr. Ron Fisher, Miami, FL, United States.

- Chen, H.-T. & Lorch, R.F. (2015, July) *Effects of headings on processing of audio texts* [Lecture session]. 25<sup>th</sup> Annual Meeting of the Society for Text and Discourse, Minneapolis, MN, United States.
- Chen, H.-T., & Lorch, R. F. (2014, May). *Communication of headings by text-to-speech software* [Poster session] 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] 2011 Kentucky Psychological Association Foundation Spring Academic Conference, Frankfort, KY, United States.
- Chen, H.-T., Lorch, R. F., Chow, J., Carter, N., & Crispin, R. (2011, May). *Effects of signals on outlining* [Poster session]. 2011 Midwestern Psychology Association Annual Conference, Chicago, IL, United States.
- 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] 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] 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] 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<br>Introduction to Psychology<br>Research Methods<br>Physiological Psychology<br>Cognitive Psychology |
| 2015-2016     | Instructor, Department of Psychology, Florida International University<br>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 MENTORED

### Eastern Kentucky University

- Katlyn McClure (2019-present)
- Mallory Robinson (2020)
- Jon Phillips (2019-2020)
- Beth Legg (2019-2020)
- Haley Hill (2019-2020)
- 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, ECU Marching Band Color Guard Section Leader, admitted to the PsyD Program at ECU, 2019 Outstanding Psychology Senior
- Megan Thomas (2016-2018), admitted to the PsyD Program at ECU, 2018 Outstanding Psychology Senior
- Chris Butcher (2016-2017), admitted to the Higher Education Leadership M.S. Program at ECU
- 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), 37<sup>th</sup> Annual Academic Achievement & Service Award Recipient
- Sebastian Suarez (08/15-05/16), 37<sup>th</sup> 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 EKU  
Scott Bradford (2016-2018), Former lab manager, Research Analyst at Ohio State University  
Bryan Lusby (2016-2017), Former graduate student, Quality Control Analyst at EKU

### **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