

Hung-Tao Michael Chen

Curriculum Vitae (07/07/2021)

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>

ACADEMIC POSITIONS

- 2021-2022 Interim Associate Dean of the College of Letters, Arts, and Social Sciences, Eastern Kentucky University
- 2020-2021 Associate Chair of the Psychology Department, Eastern Kentucky University
- Psychology Department's annual outcome assessment evaluation chair
 - Analyzed various classes' annual learning outcome data and reported the data to the college.
 - Psychology Department's program evaluation chair
 - Collected departmental performance data for the past five years, analyzed the data, provided critical feedback, and provided a vision forward.
 - Ethnic Studies Committee
 - Conducted a campus-wide survey to gauge the general interest in an Ethnic Studies certificate.
 - Was a member of the design team to put together a potential Ethnic Studies certificate curriculum.
 - Gen Ed Re-design Committee (ENGAGE)
 - Gathered data and presented information on the potential criteria for a re-designed Gen Ed curriculum
- 2020-Present Associate Professor, Eastern Kentucky University
- 2016-2020 Assistant Professor, Eastern Kentucky University
- 2015-2016 Instructor, Florida International University

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)

PEER-REVIEWED PUBLICATIONS

Chen, H-T., & Thomas, M. (2020). 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. <https://doi.org/10.1177/1071181320641282>

Morris, T. W., & Chen, H-T. (2020). 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. <https://doi.org/10.1177/1071181320641111>

Chen, H-T, Thomas, M.*, & McClure, K.*(2020). Teaching students effective learning strategies through an in-class experiment. *Proceedings of the 2020 Pedagogicon*, Richmond KY: Pedagogicon. <https://encompass.eku.edu/cgi/viewcontent.cgi?article=1024&context=pedagogicon>

Chen, H-T., & Thomas, M.* (2020). Effects of video rendering styles on learning. *Educational Technology Research and Development*, 68(5), 2147-2164. <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 34th 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 15th 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)

Morris, T.*, Chen, H-T (2021, May). *Influence of pedagogical agent's voice on effort ratings and recall performance* [Poster session]. 2021 Pedagogicon, Richmond, KY, United States.

McClure, K.*, Chen, H-T, Thomas, M.* (2021, May). *Literature genre effects on memory and influence* [Poster session]. 2021 Pedagogicon, Richmond, KY, United States.

Chen, H-T, Morris, T.*, Thomas, M.*, Boggs, J.*, & McClure, K.* (2021, May). *Design of online lecture videos by non-native English speaking (NNES) instructors to promote critical learning* [Poster session]. 2021 Pedagogicon, Richmond, KY, United States.

Robinson, M.*, Chen, H-T., & Thomas, M.* (2020, November). *Sidewalk joint sizes and the fall hazard they could pose for pedestrians with rollator walkers* [Poster session] 2020 Kentucky Academy of Science Annual Meeting, Virtual, KY, United States.

Phillips, J.*, Warman, P.*, Dean, F.*, White, A.*, Parker, A.*, & Chen, H-T. (2020, November). *Face to face versus online interaction* [Poster session] 2020 Kentucky Academy of Science Annual Meeting, Virtual, KY, United States.

Morris, T.*, Chen, H-T. (2020, November). *Voices' influence on effort ratings and recall performance* [Poster session] 2020 Kentucky Academy of Science Annual Meeting, Virtual, KY, United States.

McClure, K.*, Chen, H-T., & Thomas, M.* (2020, November). *Literature genre effects on memory and influence* [Poster session] 2020 Kentucky Academy of Science Annual Meeting, Virtual, KY, United States.

- 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]. 34th 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]. 15th 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]. 25th 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

- | | |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2020- Present | Associate Professor, Department of Psychology, Eastern Kentucky University
Introduction to Psychology
Research Methods
Physiological Psychology
Cognitive Psychology |
| 2016- 2020 | 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

- 2021 Outstanding Undergraduate Mentor Award, Kentucky Psychological Foundation (recipient)
- 2021 Teaching and Mentorship Award, ECU College of Letters, Arts, and Social Sciences (recipient)
- 2021 Scholarship of Teaching and Learning Award, ECU (recipient)
- 2019 Critical Thinking Teaching Award (nominated)
- 2019 Critical Reading Teaching Award (nominated)
- 2018 Faculty Innovation in Teaching, Eastern Kentucky University (recipient)
- 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 (recipient)
- 2016 Distinguished Course Award (Biopsychology), Florida International University (recipient)
- 2015 Make A Difference Award, University of Kentucky Psychology Department
- 2004 Phi Kappa Phi, Berea College

SERVICE

- 2020-2021 Course scheduling, Assurance of Learning coordinator, Assessment coordinator
- 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

- Benjamin Meadows (2021-present)
- Christian Phillips (2021-present)
- Thomas Morris (2019-2021)
- Katlyn McClure (2019-2021)
- 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), 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

Katelyn McClure (2021-present) Current lab manager, Graduate student in the MS Program at ECU
 Megan Thomas (2018-2021), Former 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), Former graduate student, Quality Control Analyst at ECU

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