

# XIAO-YIN CHEN

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## EDUCATION

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**Master of Science (MS), Educational Psychology** (Anticipated) May 2020  
Thesis: *Is Seeing Believing? Leveraging Delivery Modality and Similarity in a Social-Psychological Belonging Intervention*  
Chair: Dr. Ellen L. Usher  
University of Kentucky, Lexington, KY

**Bachelor of Arts (BA), Psychology** May 2018  
**Certificate in Social Science Research**  
Summa Cum Laude Honors  
Honors Thesis: *Social Foundations of Engineering Self-Efficacy*  
University of Kentucky, Lexington, KY

## ACADEMIC APPOINTMENTS

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**Graduate Assistant** 2019 to present  
Student Transitions and Family Programs  
University of Kentucky

**Graduate Research Assistant, Lab Coordinator** 2017 to present  
P20 Motivation and Learning Lab  
Department of Educational, School, and Counseling Psychology  
University of Kentucky

## PUBLICATIONS AND MANUSCRIPTS

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Usher, E. L., **Chen, X.-Y.**, Roeder, M. L., Johnson, A. A., & Mamaril, N. A. (In preparation). *A qualitative analysis of the sources of engineering self-efficacy.*

Ford, C. J., Usher, E. L., Scott, V. L., & **Chen, X.-Y.** (In preparation). *The “perfect” lens: Effects of perfectionism on early adolescents’ math self-efficacy development.*

McKee, S., Brown-Iannuzzi, J., Usher, E. L., **Chen, X.-Y.**, & Brown, C. S. (In preparation). *Perceived socio-economic status and academic outcomes for first year undergraduate students.*

Chen, X.-Y. (2019, September). Identity, power, and equity in education [Editorial]. *Kentucky Kernel*, Fall 2019, 10-11.

## SCHOLARLY PRESENTATIONS

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\* indicates undergraduate student mentee

## INTERNATIONAL AND NATIONAL PRESENTATIONS

Han, J., **Chen, X.-Y.**, Usher, E. L., & Brown, C. S. (2020, April 17-21). *Trajectories and outcomes of first-year college students' self-regulation*. Poster accepted for presentation at the annual meeting of the American Educational Research Association, San Francisco, CA.

**Chen, X.-Y.**, Usher, E. L., Brown, C. S., & Ford, C. J. (2019, August 12-16). *Is seeing believing? Comparing perceived similarity in a dual-modality belonging intervention* [Poster presentation]. European Association for Research on Learning and Instruction Biennial Meeting, Aachen, Germany.

Ford, C. J., Usher, E. L., Scott, V. L., & **Chen, X.-Y.** (2019, August 12-16). *The "perfect" lens: Effects of perfectionism on early adolescents' math self-efficacy development* [Paper presentation]. European Association for Research on Learning and Instruction Biennial Meeting, Aachen, Germany.

Han, J., Usher, E. L., Li, C. R., Ford, C. J., **Chen, X.-Y.**, Corcoran, K. A., Worick, C. E., & Brown, C. S. (2019, August 12-16). *Quantitative self-efficacy across the first year of college: Trajectories by gender and STEM major* [Poster presentation]. European Association for Research on Learning and Instruction Biennial Meeting, Aachen, Germany.

Toland, M. D., Lingat, J. M., Qiu, C., Li, C., Ford, C. J., **Chen, X.-Y.**, Han, J., Clement, T., Blevin, J., Shen, L. (2019, August 8-11). *Measuring resident advisor self-efficacy: A differential item functioning study* [Poster presentation]. Annual Meeting of the American Psychological Association, Chicago, IL.

\*Scott, V. L., Ford, C. J., Usher, E. L., & **Chen, X.-Y.** (2019, April 11-13). *Gender, perfectionism, and math self-efficacy in elementary and middle school students* [Poster presentation]. National Conference for Undergraduate Research, Kennesaw, Georgia.

**Chen, X.-Y.**, Usher, E. L., Brown, C. S., & Ford, C. J. (2019, April 5-9). Brief social belonging intervention for first-year students at a land grant university: Does modality matter? In E. A. Canning & M. C. Murphy (Chairs), *Challenges and opportunities: Exploring first-generation college students' lived experiences and interventions to support their success* [Symposium]. Annual Meeting of the American Educational Research Association. Toronto, Canada.

**Chen, X.-Y.**, Roeder, M. L., Johnson, A. A., Mamaril, N. A., & Usher, E. L. (2018, August 9-12). *Sources of engineering self-efficacy in undergraduate engineering: An analysis of open-ended responses* [Paper presentation]. Annual Meeting of the American Psychological Association, San Francisco, CA.

Nelson, A. A., Ford, C. J., **Chen, X.-Y.**, Usher, E. L., & Brown, C. S. (2018, April 12-14). *Evidence from a social-belonging intervention to improve retention of underrepresented college students* [Poster presentation]. Society for Research on Adolescence Biennial Meeting, Minneapolis, MN.

Ford, C. J., Nelson, A. A., **Chen, X.-Y.**, Usher, E. L., & Brown, C. S. (2018, April 13-17). *Preliminary evaluation of a living-learning program (LLP) for first-generation college students: A quasi-experimental approach*. [Paper presentation]. Annual Meeting of the American Educational Research Association. New York, New York.

Li, C. R., Usher, E. L., Mamaril, N. A., **Chen, X.-Y.**, Roeder, M. L., Bohac, S. W., Chenot, S. B., & Kennedy, M. S. (2016, August 4-7). *Sources of self-efficacy in engineering students* [Poster presentation]. Annual Meeting of the American Psychological Association, Denver, CO.

Love, A. M. A., Toland, M. D., McCrea, B. L., **Chen, X.-Y.**, Findley, J. A., & Usher, E. L. (2016, August 4-7). *Preliminary scale development of a teacher self-efficacy scale for students with autism* [Poster presentation]. Annual Meeting of the American Psychological Association, Denver, CO.

## REGIONAL AND LOCAL PRESENTATIONS

\*Stevens, K. E., \*Mitsos, J. E., **Chen, X.-Y.**, Usher, E. L., & Brown, C. S. (2019, April 24). *Brief social belonging intervention for first-year students at a land grant university: Does modality matter?* [Poster presentation]. University of Kentucky Undergraduate Research Showcase, Lexington, Kentucky.

**Chen, X.-Y.**, \*Stevens, K. E., \*Mitsos, J. E., Ford, C. J., Usher, E. L., & Brown, C. S. (2019, March 2). *Brief social belonging intervention for first-year students at a land grant university: Does modality matter?* [Paper presentation]. Spring Research Conference, Lexington, Kentucky.

Han, J., Corcoran, K. A., Li, C. R., Ford, C. J., **Chen, X.-Y.**, Worick, C. E., Usher, E. L., & Brown, C. S. (2019, March 2). *First-year college students' STEM-related self-efficacy: Longitudinal measurement invariance and trajectories by gender* [Paper presentation]. Spring Research Conference, Kentucky, USA.

\*Scott, V. L., Ford, C. J., Usher, E. L., & **Chen, X.-Y.** (2019, March 2). *Gender, perfectionism, and math self-efficacy in elementary and middle school students* [Poster presentation]. Spring Research Conference, Lexington, Kentucky.

- Chen, X.-Y.**, & Usher, E. L. (2018, April 25). *The social foundations of engineering self-efficacy* [Poster presentation]. University of Kentucky Undergraduate Research Showcase and Psychology Honors Day. Lexington, KY.
- Chen, X.-Y.**, \*Hayes, I. M., \*Fautsch, N. M., & Usher, E. L. (2018, March 24). *Academic mindset in first-year undergraduate students* [Poster presentation]. Spring Research Conference. Shelbyville, KY.
- Chen, X.-Y.**, Roeder, M. L., Johnson, A. R., & Usher, E. L. (2017, April 1). *The roots of self-efficacy in undergraduate engineering* [Poster presentation]. Spring Research Conference, Cincinnati, OH and at the University of Kentucky Undergraduate Research Showcase, Lexington, KY.
- Chen, X.-Y.**, Li, C., & Usher, E. L. (2016, March 26). *Social models and engineering self-efficacy: What engineers do you know?* [Paper presentation]. Spring Research Conference. Lexington, KY.
- Jones, R. S., Kim, N. A., Li, C. L., **Chen, X.-Y.**, Neeley, R. M., Usher, E. L., & Danner, F. (2015, March 28). *At-risk adolescents' autonomy, relatedness, and stigma: A story of interaction* [Paper presentation]. Spring Research Conference. Louisville, Kentucky.

## INVITED TALKS

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- Usher, E. L., Han, J., & **Chen, X.-Y.** (2019, November 18). *Do I belong here? Investigating the first-year college experience*. Invited presentation at the Educational Psychology Brown Bag. Ohio State University, Columbus, OH.
- Chen, X.-Y.** (2019, March 9). *Discovering—and rediscovering—my identity*. TEDx Event speaker at TEDxCorbin, Corbin, Kentucky.
- Usher, E. L., **Chen, X.-Y.**, & Han, J. (2019, February 15). *First year student social belonging, academic motivation, and success*. Invited presentation at the Developmental Psychology Departmental Brown Bag, University of Kentucky, Lexington, Kentucky.
- Chen, X.-Y.**, & Lingat, J. M. (2018, April 7). *Getting your feet wet: Working (successfully) in a research lab*. Invited panelist at the Kentucky Psychological Association Spring Academic Conference, Eastern Kentucky University, Richmond, Kentucky.

## GRANT AND FELLOWSHIP FUNDING

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\* indicates under review

### \*NSF Graduate Research Fellowship

2019

National Science Foundation

Project: *Seeing oneself in engineering: Perceived similarity in social modeling experiences*

<b>Travel Award (\$300)</b> Graduate Student Congress, University of Kentucky Project: <i>Is seeing believing? Comparing perceived similarity in a dual-modality belonging intervention</i>	<b>2019</b>
<b>Student Travel Award (\$150)</b> Motivation Special Interest Group, American Education Research Association Project: <i>Brief social belonging intervention for first-year students at a land grant university: Does modality matter?</i>	<b>2019</b>
<b>Graduate Fellowship</b> (tuition and stipend) College of Education, University of Kentucky Helen Thacker Graduate Fellowship Lesli Martin Endowed Fellowship Doris Nowak & William E. Stilwell, III Graduate Fellowship	<b>2018</b>
<b>Undergraduate Scholar Fellowship</b> (conference funding) Society for Research on Adolescence	<b>2018</b>
<b>Undergraduate Research Travel Grant (\$600)</b> Office of Undergraduate Research, University of Kentucky Project: <i>Sources of Engineering Self-Efficacy</i>	<b>2017</b>
<b>Research Fellowship (\$8000)</b> Center for Equality and Social Justice Research, University of Kentucky Project: <i>Freshman Belonging Intervention</i>	<b>2017 to 2018</b>
<b>Research &amp; Creativity Fellowship (\$2000)</b> Office of Undergraduate Research, University of Kentucky Project: <i>Social Modeling Intervention on Engineering Self-Efficacy</i>	<b>2016</b>
<b>Presidential Scholarship</b> (full tuition) University of Kentucky	<b>2014</b>

## **RESEARCH EXPERIENCE**

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<b>Research Assistant</b> Belonging-Centered Instruction Research Project Principle Investigator: Dr. Jamaal S. Matthews (Montclair State University) Funded by the Mindset Scholars Network RFP	<b>2019 to present</b>
<b>Graduate Research Assistant/Lab Coordinator</b> P20 Motivation and Learning Lab Director: Dr. Ellen L. Usher (University of Kentucky)	<b>2017 to present</b>

<b>Graduate Research Assistant</b> Applied Psychometric Strategies Lab Director: Dr. Michael D. Toland (University of Kentucky)	<b>2018 to present</b>
<b>Undergraduate Research Fellow</b> Center for Equality and Social Justice Director: Dr. Christia S. Brown (University of Kentucky)	<b>2017 to 2018</b>
<b>Undergraduate Research Assistant</b> Eating Disorder Risk Research Lab Director: Dr. Gregory Smith (University of Kentucky)	<b>2017 to 2018</b>

## **AWARDS AND RECOGNITIONS**

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<b>TEDx Event Speaker</b> TEDx Corbin, Kentucky	<b>2019</b>
<b>James Miller Award for Honors Thesis Research</b> Project: <i>The Social Foundations of Engineering Self-Efficacy</i> Department of Psychology, University of Kentucky	<b>2018</b>
<b>Excellence in Internship/Service Learning Award</b> Department of Psychology, University of Kentucky	<b>2018</b>
<b>Outstanding Psychology Major Award Nomination</b> Department of Psychology, University of Kentucky	<b>2018</b>
<b>Undergraduate Scholar</b> Society for Research on Adolescence (SRA) SRA Biennial Meeting in Minneapolis, MN	<b>2018</b>
<b>Psychology Scholar</b> Department of Psychology, University of Kentucky	<b>2014 to 2018</b>
<b>Presidential Scholarship Recipient</b> (full tuition) University of Kentucky	<b>2014 to 2018</b>

## **PROFESSIONAL EXPERIENCE AND SERVICE**

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<b>Conference Committee Member</b> Life After UK (Undergraduate) Conference University of Kentucky	<b>2019 to present</b>
<b>Graduate Student Conference Committee Chair</b> Spring Research Conference University of Kentucky	<b>2018 to 2019</b>

<b>Grant Writer</b> Cawood Ledford Boys and Girls Club (Harlan, KY) Union College Boys and Girls Club (Barbourville, KY)	<b>2018 to 2019</b>
<b>K-12 Substitute Teacher</b> Scott County Public Schools, Georgetown, Kentucky	<b>2018 to present</b>
<b>Workshop Instructor</b> “A Gentle Introduction to SPSS Statistics” Quantitative Initiative for Policy and Social Research (QIPSR) University of Kentucky	<b>2018</b>
<b>Undergraduate Scholar</b> Society for Research on Adolescence 2018 SRA Biennial Meeting (Minneapolis, MN)	<b>2018</b>

## **AFFILIATIONS**

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### **European Association for Research on Learning and Instruction**

Junior Researchers of EARLI (JURE)  
Special Interest Group 08: Motivation and Emotions

### **American Educational Research Association**

Division C: Learning and Instruction  
Special Interest Group: Motivation

### **American Psychological Association**

American Psychological Association of Graduate Student (APAGS)  
Division 15: Educational Psychology

### **Kentucky Governor’s Scholars Alumni**

2013 KY Governor’s Scholar, Morehead State University

## **SKILLS AND CERTIFICATIONS**

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- KY Emergency Substitute Teaching Certificate (#201220495)
- Research design, data collection, and data analysis
- Poster and paper presentations
- Data Analysis Software: SPSS Statistics, MPlus, MAXQDA, HLM

## **REFERENCES**

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**Dr. Ellen L. Usher**

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Director, P20 Motivation and Learning Lab  
College of Education  
University of Kentucky  
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