

# YI-CHIA CHEN

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## ACADEMIC APPOINTMENT

2020–Present    Postdoctoral Scholar, University of California, Los Angeles (Advisor: Hongjing Lu)  
2017–2019      Postdoctoral Fellow, Harvard University (Advisor: George Alvarez)

## EDUCATION

2017      Yale University      Ph.D. in Cognitive Psychology (Advisor: Brian Scholl)  
2011      National Taiwan University      B.S. in Psychology (Advisor: Su-Ling Yeh)

## PUBLICATIONS

Colombatto, C., Chen, Y. -C., & Scholl, B. J. (2020). ‘Gaze deflection’ reveals how gaze cueing is tuned to extract the mind behind the eyes. *Proceedings of the National Academy of the United States of America*, 117, 19825-19829.

Yousif, S. R., Chen, Y. -C., & Scholl, B. J. (2020). Systematic angular biases in the representation of visual space. *Attention, Perception, & Psychophysics*, 82, 3124-3143.

Chen, Y. -C., Colombatto, C., & Scholl, B. J. (2018). Looking into the future: An inward bias in aesthetic experience driven only by gaze cues. *Cognition*, 176, 209-214.

Chen, Y. -C., & Scholl, B. J. (2016). The perception of history: Seeing causal history in static shapes induces illusory motion perception. *Psychological Science*, 27, 923-930.

Chen, Y. -C., & Scholl, B. J. (2014). Seeing and liking: Biased perception of ambiguous figures consistent with the ‘inward bias’ in aesthetic preferences. *Psychonomic Bulletin & Review*, 21, 1444-1451.

Chen, Y. -C., & Yeh, S. -L. (2012). Look into my eyes and I will see you: Unconscious processing of human gaze. *Consciousness & Cognition*, 21, 1703-1710.

## MANUSCRIPTS

Forman, I. R., Chen, Y. -C., Scholl, B. J., & Alvarez, G. A. (under revision). The center cannot hold: Variations of frame width help to explain the ‘inward bias’ in aesthetic preferences.

Chen, Y. -C., Chang, A., Rosenberg, M. D., Feng, D., Scholl, B. J., & Trainor, L. J. (in preparation). Are you the sort of person who would like this? Quantifying the typicality of aesthetic taste across seeing and hearing.

Chen, Y. -C., Deza, A., & Konkle, T. (in preparation). How big should this object be? Perceptual influences on viewing-size preferences.

Colombatto, C., Chen, Y. -C., & Scholl, B. J. (in preparation). Observed gaze dynamics in social interactions alter the perceived temporal order of events.

## CONFERENCE PAPERS

Deza, A., Chen, Y. -C., Long, B., & Konkle, T. (2019). Accelerated texforms: Alternative methods for generating unrecognizable object images with preserved mid-level features. Poster presented at the *Conference on Cognitive Computational Neuroscience (CCN)*, 9/15, Berlin, Germany.

Huang, T. -H., Kao, C. -T, Chen, Y. -C., Yeh, S. -L., & Chen, H. H. (2012). A visibility model for quality assessment of dimmed images. Poster presented at the *International Workshop on Quality of Multimedia Experience (QoMEX)*, 7/06, Yarra Valley, Australia.

## CONFERENCE PRESENTATIONS

Chen, Y. -C., Deza, A., & Konkle, T. (2020). How big should this object be? Perceptual influences on viewing-size preferences. Poster presented at the 2020 Virtual Meeting of *Vision Sciences Society (V-VSS)*, 6/19-24, World Wide Web, Earth.  
[Postdoc Travel Award]

Chen, Y. -C., Deza, A., & Konkle, T. (2020). How big should this object be? Perceptual influences on viewing-size preferences. Talk given at the 6th *Visual Properties Driving Visual Preference (VPDVP)* Workshop, 6/12, World Wide Web, Earth.

Chen, Y. -C., Chang, A., Rosenberg, M. D., Scholl, B. J., & Trainor, L. J. (2019). Are you the sort of person who would like this? Quantifying the typicality of aesthetic taste across seeing and hearing. Talk given at the 2019 Annual Meeting of *Vision Sciences Society (VSS)*, 5/20, St. Pete Beach, FL, USA.

Yousif, S. R., Chen, Y. -C., & Scholl, B. J. (2019). Systematic biases in the representation of visual space. Poster presented at the 2019 Annual Meeting of *Vision Sciences Society (VSS)*, 5/20, St. Pete Beach, FL, USA.

Chen, Y. -C., Colombatto, C., & Scholl, B. J. (2018). Looking into the future: An inward bias in aesthetic experience driven only by gaze cues. Poster presented at the 2018 Annual Meeting of *Vision Sciences Society (VSS)*, 5/23, St. Pete Beach, FL, USA.

Yousif, S., Chen, Y. -C., & Scholl, B. J. (2018). The origin of spatial biases: Memory, perception, or action? Poster presented at the 2018 Annual Meeting of *Vision Sciences Society (VSS)*, 5/23, St. Pete Beach, FL, USA.

Colombatto, C., Chen, Y. -C., & Scholl, B. J. (2018). Gaze cueing is tuned to extract the mind behind the gaze: Investigations of 'gaze deflection'. Talk given at the 2018 Annual Meeting of *Vision Sciences Society (VSS)*, 5/19, St. Pete Beach, FL, USA.

Colombatto, C., Chen, Y. -C., & Scholl, B. J. (2017). Gaze cueing is tuned to extract the mind behind the gaze: Investigations of 'gaze deflection'. Poster presented at the annual meeting of the *European Conference on Visual Perception (ECP)*, 8/29, Berlin, Germany.

Chen, Y. -C., Raila, H., & Scholl, B. J. (2017). Sad minds seeking happy stimuli: Trait happiness predicts how quickly happy faces reach visual awareness. Poster presented at the annual meeting of *Vision Sciences Society (VSS)*, 5/23, St. Pete Beach, FL, USA.

Raila, H., Chen, Y. -C., & Scholl, B. J. (2017). Unhappy people quickly promote happy faces into awareness. Talk presented at the annual meeting of the *Society for Affective Science (SAS)*, 4/29, Boston, MA, USA.

Chen, Y. -C., & Scholl, B. J. (2015). Seeing history: The perception of causal history induces illusory motion perception in static shapes. Talk presented at the *Asia-Pacific Conference on Vision (APCV)*, 7/11, Nanyang Technological University, Singapore.  
[Student Travel Award]

Chen, Y. -C., & Scholl, B. J. (2015). The perception of history: Seeing causal history in static shapes is powerful enough to induce illusory motion perception. Poster presented at the annual meeting of *Vision Sciences Society (VSS)*, 5/19, St. Pete Beach, FL, USA.

Chen, Y. -C., & Scholl, B. J. (2014). Aesthetic influences on visual awareness?: An 'inward bias' in inattentional blindness. Talk presented at the *Asia-Pacific Conference on Vision (APCV)*, 7/21, Takamatsu, Japan.  
[Student Travel Award]

Chen, Y. -C., & Scholl, B. J. (2014). Seeing and liking from the outside in: Consistent inward biases in visual perception and aesthetic preferences. Poster presented at the annual meeting of *Vision Sciences Society (VSS)*, 5/17, St. Pete Beach, FL, USA.  
[Best Student Poster Award]

Chen, Y. -C., & Scholl, B. J. (2013). Seeing and liking: Biased perception of ambiguous figures based on aesthetic preferences for how objects should face within a frame. Poster presented at the annual meeting of *Vision Sciences Society (VSS)*, 5/10, Naples, FL, USA.

Chen, Y. -C., & Yeh, S. -L. (2011). Dissociating attention and audiovisual integration in the sound-facilitatory effect on metacontrast masking. Poster presented at the *International Multisensory Research Forum (IMRF)*, 10/19, Fukuoka, Japan.  
[Fee Exemption Award]

Chen, Y. -C., & Yeh, S. -L. (2011). Orienting or intention? Unconscious processing of human gaze. Talk presented at the annual meeting of the *Association for the Scientific Study of Consciousness (ASSC)*, 6/12, Kyoto, Japan.  
[Travel Award]

## HONORS

*Postdoc Travel Award (2020)*

Vision Sciences Society, World Wide Web, Earth

*Student Travel Award (2015)*

Asia-Pacific Conference on Vision, Nanyang Technological University, Singapore

*Best Student Poster Award (2014)*

Vision Sciences Society, St. Pete Beach, Florida

*Student Travel Award (2014)*

Asia-Pacific Conference on Vision, Takamatsu, Japan

*Studying Abroad Scholarship (2012)*

Taiwan Ministry of Education, Taiwan

*Fee Exemption Award (2011)*

International Multisensory Research Forum, Fukuoka, Japan

*Fa-yu Zheng Memorial Scholarship Fund (2011)*

Department of Psychology, National Taiwan University

*Bachelor Thesis Award of College of Science (2011)*

College of Science, National Taiwan University

*Travel Award (2011)*

Association for the Scientific Study of Consciousness, Kyoto, Japan

## INVITED PRESENTATIONS & WORKSHOPS

### External Presentations

2020/11/03 Aesthetic experiences: Why do we like what we like? (guest lecture)

Department of Psychology, National Taiwan University, Taipei, Taiwan.

2020/03/24 Why do we like what we like? Visual perception & individual differences in aesthetic experiences. (talk)

The Perception & Cognition Lab, Yale University, New Haven, CT.

2019/11/22 Why do we like what we like? Visual perception & individual differences in aesthetic experiences. (talk)

Department of Psychology, Johns Hopkins University, Baltimore, MD.

- 2019/11/07 Why do we like what we like? Visual perception & individual differences in aesthetic experiences. (talk)  
Department of Psychology, Harvard University, Cambridge, MA.
- 2019/11/07 Why do we like what we like? Visual perception & individual differences in aesthetic experiences. (talk)  
Department of Psychology, Harvard University, Cambridge, MA.
- 2019/07/26 Exploring (and explaining?) aesthetic experiences from the perspective of visual perception and individual differences. (talk)  
Department of Psychology, University of Chicago, Chicago, IL.
- 2019/06/18 Exploring (and explaining?) aesthetic experiences from the perspective of visual perception and individual differences. (talk)  
The Pelli Lab, Department of Psychology, New York University, New York, NY.
- 2018/02/13 What do we see?: Visual aesthetics and causal history. (talk)  
The Visual Attention Lab, Brigham and Women's Hospital, Harvard University, Cambridge, MA.
- 2017/01/08 Exploring (and explaining?) aesthetic experiences from the perspective of visual perception and individual differences. (talk)  
Department of Psychology, National Taiwan University, Taipei, Taiwan.
- 2015/09/13 Seeing history. (talk)  
*The Office of Naval Research Conference on Understanding Scenes and Events.*, Lake Arrowhead, CA.

### Internal Workshops

- 2020/04/27 Web Experiment.  
Department of Psychology, UCLA, Los Angeles, CA.
- 2019/10/30 Web Development.  
The Vision Sciences Lab, Harvard University, Cambridge, MA.

## TEACHING EXPERIENCE

### Teaching Assistantship

- |             |  |                             |
|-------------|--|-----------------------------|
| 2013 Spring | Introduction to Cognitive Science (Professor Brian Scholl) | Psychology, Yale University |
| 2014 Fall   | Introduction to Psychology (Professor Marvin Chun)         | Psychology, Yale University |
| 2014 Spring | Statistics (Professor Gregory Samanez-Larkin)              | Psychology, Yale University |

## Ad Hoc Teaching

2018 Fall–2019 Spring	Cognitive Science Journal Club*	Psychology, Harvard University
2020 Summer–2019 Fall	Cognitive Science Journal Club*	Psychology & Statistics, UCLA

\*Select reading materials and lead weekly discussions for 2-15 undergraduates and master students to provide an overview of the key literature in cognitive science.

## MENTORSHIP

2015	Selena Anjur-Dietrich	Cognitive Science	Yale University
2016	Evaline Xie	Cognitive Science	Yale University
2016	Daniel Matyas	Cognitive Science	Yale University
2018	Isabella Forman	Psychology	Harvard University
2018	Ningcong Tong	Psychology	Harvard University
2018	Fenil Doshi	Psychology	Harvard University
2020	Moriah Taylor	Psychology	UCLA
2020	Yiling Sophie Yun	Statistics	UCLA

## PEER REVIEW

### Conference Ad Hoc Reviewer

Annual Meeting of Cognitive Science Society

### Journal Ad Hoc Reviewer

Attention, Perception, & Psychophysics  
 Cognition  
 Consciousness and Cognition  
 Frontiers in Psychology  
 i-Perception  
 Journal of Experimental Psychology: General  
 Journal of Neuroscience  
 Journal of Vision  
 Perception  
 Review of Philosophy and Psychology  
 Scandinavian Journal of Psychology  
 Visual Cognition

## REFERENCES

Hongjing Lu, Professor	UCLA	<a href="mailto:hongjing@ucla.edu">hongjing@ucla.edu</a>
George A. Alveraz, Professor	Harvard University	<a href="mailto:alvarez@wjh.harvard.edu">alvarez@wjh.harvard.edu</a>
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