

# YI-CHIA CHEN

yi-chia.chen@fas.harvard.edu | <http://ycc.vision>

## 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)

## HONORS

*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

## PUBLICATIONS

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

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

Colombatto, C., Chen, Y. -C., & Scholl, B. J. (under review). 'Gaze deflection' reveals how gaze cueing is tuned to extract the mind behind the eyes.

Forman, I. R., Chen, Y. -C., Scholl, B. J., & Alvarez, G. A. (under review). 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.

## INVITED PRESENTATIONS

Why do we like what we like? Visual perception & individual differences in aesthetic experiences. Invited talk given at the Perception & Cognition Lab, Yale University, 03/24/20, New Haven, CT.

Why do we like what we like? Visual perception & individual differences in aesthetic experiences. Invited talk given at Department of Psychology, Johns Hopkins University, 11/22/19, Baltimore, MD.

Why do we like what we like? Visual perception & individual differences in aesthetic experiences. Invited talk given at Department of Psychology, Harvard University, 11/07/19, Cambridge, MA.

Exploring (and explaining?) aesthetic experiences from the perspective of visual perception and individual differences. Invited talk given at Department of Psychology, University of Chicago, 07/26/19, Chicago, IL.

Exploring (and explaining?) aesthetic experiences from the perspective of visual perception and individual differences. Invited talk given at the Pelli Lab, Department of Psychology, New York University, 06/18/19, New York, NY.

What do we see?: Visual aesthetics and causal history. Invited talk given at the Visual Attention Lab, Brigham and Women's Hospital, Harvard University, 02/13/18, Cambridge, MA.

Exploring (and explaining?) aesthetic experiences from the perspective of visual perception and individual differences. Invited talk given at Department of Psychology, National Taiwan University, 01/08/17, Taipei, Taiwan.

Seeing history. Invited talk given at the *Office of Naval Research Conference on Understanding Scenes and Events*, 09/13/15, Lake Arrowhead, CA.

## 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., 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 inattention 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]

## REFERENCES

George A. Alveraz, Professor	Harvard University	<a href="mailto:alvarez@wjh.harvard.edu">alvarez@wjh.harvard.edu</a>
Talia Konkle, Assistant Professor	Harvard University	<a href="mailto:talia_konkle@harvard.edu">talia_konkle@harvard.edu</a>
Brian J. Scholl, Professor	Yale University	<a href="mailto:brian.scholl@yale.edu">brian.scholl@yale.edu</a>
Marvin M. Chun, Professor	Yale University	<a href="mailto:marvin.chun@yale.edu">marvin.chun@yale.edu</a>