

**SU-LING YEH, Ph.D.**

葉素玲

*Curriculum Vita*

2017/08/11

***CORRESPONDING ADDRESS***

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National Taiwan University  
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***CURRENT POSITION***

- |                  |  |
|------------------|--|
| 2013-<br>present | <b>Head of Department</b><br>Department of Psychology, National Taiwan University                          |
| 2012-<br>present | <b>Lifetime Distinguished Professor (臺大終身特聘教授)</b><br>Department of Psychology, National Taiwan University |
| 2004-<br>present | <b>Full Professor</b><br>Department of Psychology, National Taiwan University                              |
| 2010-<br>present | <b>Associate-director</b><br>Neurobiology and Cognitive Neuroscience Center<br>National Taiwan University  |
| 2010-<br>present | <b>Conjunct Professor</b><br>Graduate Institute of Brain and Mind Sciences<br>National Taiwan University   |

***PROFESSIONAL EXPERIENCE***

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| 2006-2012 | <b>Distinguished Professor</b><br>Department of Psychology, National Taiwan University |
| 1995-2004 | <b>Associate Professor</b><br>Department of Psychology, National Taiwan University     |
| 1994-1995 | <b>Lecturer</b><br>Department of Psychology, National Taiwan University                |

***EDUCATION***

- 1994        **Doctor of Philosophy, Psychology**  
Department of Psychology  
University of California at Berkeley, California, U.S.A.
- 1987        **Master of Science, Psychology**  
Department of Psychology  
National Taiwan University, Taiwan
- 1985        **Bachelor of Science, Psychology**  
Department of Psychology  
National Taiwan University, Taiwan

***MAJOR AWARDS & HONORS***

***RESEARCH***

- 2014        **Academic award of Ministry of Education**  
**(教育部學術獎)**  
For academically excellent investigators in Taiwan  
Ministry of Education, Taiwan
- 2004, 2012    **Distinguished Research Award (Twice)**  
**(兩次國科會傑出獎)**  
For academically excellent investigators in Taiwan  
National Science Council of Taiwan
- 2004        **Research Contribution Award in Humanities and Social Sciences**  
For academically excellent investigators at National Taiwan

University

- 2002-2003 **Da-Yo Memorial Award**  
For academically excellent young investigators in Taiwan  
National Science Council of Taiwan
- 1996-2000 **Recipient of Research Awards (Five times)**  
National Science Council of Taiwan
- 2000 **Elected outstanding scholar**  
for the NOW/NSC joint program on cognitive science  
National Science Council of Taiwan  
NOW, Arnhem, the Netherlands
- 2000 **Award for supervision of NSC independent research**  
of supervising undergraduate independent research that receives the  
research awards  
National Science Council of Taiwan

**TEACHING**

- 2006, 2012 **Distinguished Teaching Award for best teachers at NTU (Twice)**  
(兩次台大教學傑出獎)  
For outstanding teachers at National Taiwan University
- 2004-2005 **Teaching Award for best teachers at NTU (Twice)**  
For excellent teachers at National Taiwan University
- 2003-2005 **Teaching Award of best teachers at the College of Science of NTU**  
(Three times)  
For excellent teachers in the College of Science  
National Taiwan University
- 2002 **Course Award**  
For the web-based multimedia instructional course  
“Sensation and Perception”  
Computer and Information networking Center  
National Taiwan University

**PROFESSIONAL SERVICES**

- 2017 **Chair of Scientific committee**  
The 13th Asia Pacific Conference on Vision (APCV)
- 2017 **Program committee**  
The 11<sup>th</sup> International Conference on Cognitive Science
- 2015-2016 **Executive Supervisor**  
Taiwanese Psychological Association (TPA)

- 2014 **General education cum department of self-evaluation committee**  
Fo Guang University
- 2013-present **Editorial Board**  
Chinese Journal of Psychology
- 2013-present **Research ethics advisory committee**  
National Taiwan University
- 2013-present **Committee member** of faculty evaluation committee  
Graduate Institute of Brain and Mind Sciences  
National Taiwan University
- 2013-2014, 2016 **Scientific committee**  
Conference on Language, Discourse, and Cognition  
(CLDC) 2016
- 2012-present **Committee member** of faculty evaluation committee  
College of Science, National Taiwan University
- 2012- present **European Research Council Peer Review Evaluation**  
The European Research Council (ERC) Executive Agency
- 2012 **Reviewer of Abstracts**  
The 11th International Congress of the International Color  
Association (AIC)

2011-2012	<b>Advisory board</b> International Multisensory Research Forum (IMRF) 2012
2011-present	<b>Advisory Council</b> the International Association for the Study of Attention and Performance (A&P)
2010-2011	<b>Scientific committee</b> Asian-Pacific Conference on Vision (APCV) 2011
2010-2011	<b>Advisory board</b> International Multisensory Research Forum (IMRF) 2011
2010	<b>Reviewer</b> of Setting International Research-Intensive Centers of Excellence in Taiwan
2010	<b>Reviewer</b> of Initiative Research Cooperation among Top Universities between UK and Taiwan
2010-present	<b>Personnel committee</b> of Graduate Institute of Brain and Mind Sciences, NTU
2009-2010	<b>Co-chair of the Scientific committee</b> Asian-Pacific Conference on Vision (APCV) 2010
2009	<b>Reviewer</b> for Research Award for Junior Research Investigators, Academia Sinica
2009	<b>Reviewer</b> of web-based multimedia courses, Ministry of Education
2009	<b>Committee member</b> of national examinations for local civil servants
2008, 2009	<b>Committee member</b> of the Higher Education Evaluation & Accreditation Council of Taiwan
2007-2008	<b>Scientific committee</b> the 12 <sup>th</sup> annual meeting of the Association for Scientific Study of Consciousness (ASSC) 2008
2007-2008	<b>Council member</b> of The Taiwanese Psychological Association
2007-2010	<b>General committee</b> of NTU
2006-2008, 2010-2012	Personnel committee, NTU
2006	Reviewer for Doctor An-Tai Chen Research Scholarship
2005	Reviewer for Government Scholarship for Overseas Study
2004-2008, 2010-2012	Personnel committee of NTU

2005-2007	Appeal committee of NTU
2003-present	Personnel committee of Department of Psychology, NTU
2003-2006	Chair of the Research and ethic committee of Department of Psychology, NTU
1996-2002	Resource committee of Department of Psychology, NTU
2001-2003	Administrative committee of Department of Psychology, NTU
1998-1999	Organizing department seminar
1996	Evaluation of the design of color pattern in Tunnel Zhong-Shin Engineering, High-way system
1998-2000	Improvement program of Introductory Psychology courses
	Ministry of Education in Taiwan
1998	Organizing committee
	Annual meeting of Chinese Psychological Association
1998	Female Leader Training Program
1996-present	Thesis committee
	National Taiwan University (Psychology)
	National Taiwan University (Electrical Engineering)
	National Chengchi University (Psychology)
	National Chung-Cheng University (Psychology)
	Chung Yuan Christian University (Psychology)
	National Taiwan Normal University (Graduate Institute of Teaching Chinese as a Second Language)
	National Yang-Ming University (Cognitive Neuropsychology, Biomedical Engineering)
	National Taiwan University (Graduate Institute Communication Engineering)

### ***RESEARCH INTERESTS***

1. **Consciousness:** conscious and unconscious mental processes, attention and consciousness, body sensation and self-consciousness
2. **Attention and perception:** spatial attention, object-based attention, attentional capture, effect of attention on perception

3. **Multisensory perception:** crossmodal interaction between vision, audition, touch, smell, proprioception, etc.
4. **Psycholinguistics:** visual word (character) recognition, perceptual organization of Chinese characters
5. **Applied Research on Image Processing and Displays:** 3D displays design, power-saving of low backlight displays on human vision, a model to predict attention allocation, the relationship between display refresh rate and motion artifacts.
6. **Statistical Regularity:** Study how our mind and brain extract statistical regularities in the environment.
7. **Blue Light Effect:** Explore the influence of different light spectrum on emotion, perception, and cognition.
8. **Psychological Approach to Assistive Robots Applications:** Using Psychology oriented problem-solving and data-analyzing methods to tackle and guide the idea of assistive robots for different age groups.
9. **Potential Gain in Statistical Regularity in Aging:** Examining statistical regularity of Chinese idioms, representational momentum, and emotional faces in different age groups.

### ***MEMBERSHIP OF PROFESSIONAL SOCIETIES***

Vision Science Society  
Association for Scientific Study of Consciousness  
Taiwanese Psychological Association  
American Psychological Society  
International Multisensory Research Forum

### ***EDITORIAL ACTIVITIES***

Associate Editor	Chinese Journal of Psychology
Editorial Board	Frontiers in Perception Science
Ad-hoc reviewer	Journal of Experimental Psychology: Learning, Memory, & Cognition
	Journal of Experimental Psychology: Human Perception & Performance
	Vision Research
	PlosONE
	Experimental Brain Research
	British Journal of Psychology
	International Journal of Psychology
	Perceptual and Motor Skills

Memory & Cognition  
Consciousness & Cognition  
Acta Psychologica  
Transportation Research Part F: Traffic Psychology and Behaviour  
Instructional Science  
Chinese Journal of Psychology  
Bulletin of Educational Psychology  
Research of Applied Psychology  
Scholarpedia  
Frontiers in Psychology, Section Perception Science  
Attention, Perception & Psychophysics  
iPerception  
Commentator Behavior and Brain Sciences

**MAJOR GRANTS** (*served as PI*)

- 2017-2019 “Exploring the possible gain in statistical regularity as people age”, Ministry of Science and Technology grant (NT\$: 3,256,000)
- 2017 “Enhance the Applicability of Assistive Robots for Elderly People: A psychological approach”, Industrial Technology Research Institute grant (NT\$: 1,000,000)
- 2015-2018 “Effects of blue light on perception and cognition”, National Science Council grant (NT\$:4,042,000)
- 2015-2016 “Semantic integration for crowded words”, National Science Council grant (NT\$:2,035,000)
- 2012-2015 “Unconscious semantic processing under visual crowding and continuous flash suppression”, National Science Council grant (NT\$: 3,345,000)
- 2013 Visitorship offering from vice-chancellor of Hong Kong University (NT\$: 47,233)
- 2009-2012 “Visual-auditory integration: from perception to appraisal”, National Science Council grant (NT\$: 3,192,000)
- 2007-2010 “Visual-auditory integration and attention”, National Science Council grant (NT\$: 3,181,000)
- 2004-2008 “Co-construction of human cognition, neural mechanism, and social process - Neural bases of and cultural effects on the perception of Chinese characters”, Total for 4 years (NT\$: 3,723,000)  
National Science Council (NSC) of Taiwan, Grant for Program for Promoting Academic Excellence of Universities.
- 2008-2009 British-Taiwanese Joint projects between the British Academy and the National Science Council Taiwan (NT\$: 134,120)



- 2007-2009 Mind-Body Interaction: Investigating the Effect of Ancient Chinese Ya-Dance on Attention, Divergent Thinking, Body Coordinating and EEG Performance (Co-PI, NT\$:1,645,000)
- 2006-2007 “Object representation and the mechanism of object-based attention”, NSC grant (NT\$: 324,000)
- 2005-2006 “Comparing group and element matching in stereopsis and apparent Motion”, NSC grant (NT\$: 136,000)
- 2004-2005 “Exploring the nature of semantic representation in Chinese character Recognition by repetition blindness paradigm”. NSC grant (NT\$:681,800)
- 2002-2004 “The role of subcharacter-component and whole-character in Chinese character recognition”, Total for 2 years (NT\$: 2,186,300)  
National Science Council (NSC) Grant
- 2001-2002 “Vision and attention”, NSC grant (\$626,600)
- 2000-2001 “Perceptual organization and attention”, NSC grant (\$557,300)
- 1998-2000 “Analysis of spatial position”, NSC, Total for 2 years (\$1,130,900)
- 1997-1999 “Chinese language and Brain”, Academia Sinica (\$550,000)
- 1995-1997 “Similarity of Chinese characters”, NSC, Total for 3 years(\$1,533,500)
- 1996-1997 “The distribution of spatial attention”, NSC grant (\$325,400)
- 1995-1996 “Internal representation of space”, NSC grant (\$549,500)

## **PUBLICATIONS**

### **(A) PAPERS IN REFEREED JOURNALS**

1. Li, K. A. & **Yeh, S. L.** (in press). Mean size estimation yields left-side bias: Role of attention on perceptual averaging. *Attention, Perception, & Psychophysics*.
2. Yang, Y. H., Zhou, J., Li, K. A., Hung, T., Pegna, A. J. & **Yeh, S. L.** (in press). Opposite ERP effects for conscious and unconscious semantic processing under continuous flash suppression. *Consciousness and Cognition*
3. Yang, Y. H., Tien, Y. H., Yang, P. L. & **Yeh, S. L.** (2017). Role of consciousness in temporal integration of semantic information. *Cognitive, Affective, and Behavioral Neuroscience*, 1-19.
4. Lane, T., **Yeh, S. L.**, Tseng, P. & Chang, A.Y. (2017). Timing disownership experiences in the rubber hand illusion. *Cognitive Research: Principles and Implications*, 2(1).

5. Shih, K.T., Liu, J.S., Shyu, J.S., **Yeh, S. L.** & Chen, H.H. (2016). Blocking harmful blue light while preserving image color appearance. *ACM Transactions on Graphics (TOG)*, 35 (6), 175, 1-10.
6. Chen, Y. C. & **Yeh, S. L.** (2016). Examining radical position and function in Chinese character recognition using the repetition blindness paradigm. *Language, Cognition, and Neuroscience*.
7. Zhou, J., Lee, C. L., & **Yeh, S. L.** (2016). Word meanings survive visual crowding: Evidence from ERPs. *Language, Cognition, and Neuroscience*.
8. Ho, M. C., Li, S. H., & **Yeh, S. L.** (2016). Early attentional bias for negative words when competition is induced. *Attention, Perception, and Psychophysics*, 1-13.
9. Liu, T., Chuk, T., **Yeh, S. L.**, & Hsiao, J. H. (2016). Transfer of perceptual expertise: The case of simplified and traditional Chinese character recognition. *Cognitive Science*, 40(2), 1-28.
10. Zhou, J., Lee, C. L., Li, K. A., Tien, Y. H., & **Yeh, S. L.** (2016). Does temporal integration occur for unrecognizable words in visual crowding? *PLOS ONE*, 11(2), e0149355.
11. Lin, S. Y. & **Yeh, S. L.** (2016). Interocular grouping without awareness. *Vision Research*, 121, 23-30.
12. Tan, J.S., & **Yeh, S. L.** (2015). Audiovisual integration facilitates unconscious visual scene processing. *Journal of Experimental Psychology: Human Perception and Performance*, 41(5), 1325-1335.
13. Huang, T.H., **Yeh, S. L.**, Yang, Y. H., Liao, H. I., Tsai, Y. Y., Chang, P. J., & Chen, H. H. (2015). Method and experiments of subliminal cueing for real-world images. *Multimedia Tools and Applications*, 1-25.
14. Li, J. H., Li, K. A., Tsai, Y. Y., & **Yeh, S. L.** (2015). Self-accompanied by one's own name? Exploring the self-concept of Buddhism. *Chinese Journal of Psychology*, 57(2), 195-211.
15. Lin, S.Y., & **Yeh, S. L.** (2015). Unconscious grouping of Chinese words: Evidence from object-based attention. *Language and Linguistics*, 16(4), 517-533.
16. Chen, Y.H., Zhou, J.F., & **Yeh, S. L.** (2015). Beyond the SNARC effect: distance–number mapping occurs in the peripersonal space. *Experimental Brain Research*, 233(5), 1519-1528.

17. Chen, Y. C., & **Yeh, S. L.** (2015). Binding radicals in Chinese character recognition: Evidence from repetition blindness. *Journal of Memory and Language*, 78, 47-63.
18. Tsai, Y. Y., & **Yeh, S. L.** (2014). Low temporal precision for high impulsive individuals. *Personality and Individual Differences*, 70, 92-96.
19. Chou, W. L., **Yeh, S. L.**, & Chen, C. C. (2014). Distinct mechanisms subserve location- and object-based visual attention. *Frontiers in Psychology, section Perception Science*, 5, 456.
20. Yang, Y. H., & **Yeh, S. L.** (2014). Unmasking the dichoptic mask by sound: Spatial congruency matters. *Experiment Brain Research*, 232, 1109-1116.
21. Chen, S., Chu, C., **Yeh, S. L.**, Chu, H., & Huang, P. (2014). Modeling the QoE of rate changes in Skype/SILK VoIP calls. *IEEE/ACM Transactions on Networking (TON)*, 22(6), 1781-1793.
22. Huang, T. H., Shih, K. T., **Yeh, S. L.**, & Chen, H. H. (2013). Enhancement of backlight-scaled images. *IEEE Transactions on Image Processing*, 22(12), 4587-4597.
23. Liao, H. I., & **Yeh, S. L.** (2013). Capturing attention is not that simple: Different mechanisms for stimulus-driven and contingent capture. *Attention, Perception, & Psychophysics*. 75(8), 1703-1714.
24. Tsai, Y. Y., & **Yeh, S. L.** (2013). Freezing effect in tactile perception: Sound facilitates tactile identification by enhancing intensity but not duration. *Journal of Experimental Psychology: Human Perception and Performance*. 39(4), 925-932.
25. Liao, H. I., Shimojo, S., & **Yeh, S. L.** (2013). Happy faces are preferred regardless of familiarity--Sad faces are preferred only when familiar. *Emotion*, 13(3), 391-396.
26. **Yeh, S. L.**, He, S. & Cavanagh, P. (2012). Semantic priming from crowded words. *Psychological Science*, 23(6), 608-616.
27. Chen, Y. C., & **Yeh, S. L.** (2012). Look into my eyes and I will see you: Unconscious processing of human gaze. *Consciousness and Cognition*, 21, 1703-1710.

28. Hsiao, J. Y., Chen, Y. C., Spence, C., & **Yeh S. L.** (2012). Assessing the effects of audiovisual semantic congruency on the perception of a bistable figure. *Consciousness and Cognition*, 21, 775-787.
29. Li, J. L., Hsiao C. H., & **Yeh, S. L.** (2012). Predictability matters: On the stimulus-driven account of the multiple-cue effect. *Canadian Journal of Experimental Psychology*, 66(1), 18-25.
30. Chou, W.L. & **Yeh S. L.** (2012). Object-Based Attention Occurs Regardless of Object Awareness. *Psychonomic Bulletin & Review*, 19(2), 225-231.
31. Lin, S.Y. & **Yeh, S. L.** (2012). Every moment counts: Smooth transition of object boundary reflects constant updating in object-based attention. *Attention, Perception, & Psychophysics*, 74(3), 533-539.
32. Huang, T. H., Shih, K. T., **Yeh, S. L.**, & Chen, H. H. (2011). Enhancement of backlight-scaled images. *IEEE Transactions on Image Processing*, 22(12), 4587-4597.
33. Chen, Y. C., Huang, P. C., **Yeh, S. L.**, & Spence, C. (2011). Synchronous sounds enhance visual sensitivity without reducing target uncertainty. *Seeing and Perceiving*, 24, 623-638.
34. Lee, W. F., Huang, T. H., **Yeh, S. L.** & Chen, H. H. (2011). Learning-based prediction of visual attention for video signals. *IEEE Transactions on Image Processing*, 20(11), 3028-3038.
35. Chou, W. L. & **Yeh, S. L.** (2011). Subliminal Spatial Cues Capture Attention and Strengthen Between-Object Link. *Consciousness and Cognition*, 20, 1265-1271.
36. Chen, Y. C., **Yeh, S. L.** & Spence, C. (2011) Crossmodal constraints on human perceptual awareness: auditory semantic modulation of binocular rivalry. *Frontiers in Psychology*, 2, 212.
37. Lo, S. Y. & **Yeh, S. L.** (2011). Independence between implicit and explicit processing as revealed by the Simon effect. *Consciousness and Cognition*, 20, 523-533.
38. Liao, H. I., & **Yeh, S. L.** (2011). Interaction between stimulus-driven orienting and top-down modulation in attentional capture. *Acta Psychologica*, 138, 52-59.
39. Yang, Y. H., & **Yeh, S. L.** (2011). Accessing the meaning of invisible words. *Consciousness and Cognition*, 20, 223-233.

40. Lin, S. Y. & **Yeh, S. L.** (2011). First Come, First Served? Influence of Changed Object Configuration on Object-Based Attention. *Attention, Perception, & Psychophysics*, 73, 678-687.
41. Liao, H. I., **Yeh, S. L.**, & Shimojo, S. (2011). Novelty vs. familiarity principles in preference decisions: Task-context of past experience matters. *Frontiers in Psychology*, 2, 43.
42. Hsu, L. C., Kramer, P., & **Yeh, S. L.** (2010). Monocular depth effects on perceptual fading. *Vision Research*, 50, 1649-1655.
43. **Yeh, S. L.**, & Liao, H. I. (2010). On the generality of the displaywide contingent orienting hypothesis: Can a visual onset capture attention without top-down control settings for displaywide onset? *Acta Psychologica*, 135, 159-167.
44. Chen, Y. C. & **Yeh, S. L.** (2009). Catch the moment: Multisensory enhancement of rapid visual events by sound. *Experimental Brain Research*, 198, 209-219.
45. Ho, M. C. & **Yeh, S. L.** (2009). Effects of instantaneous object input and past experience on object-based attention. *Acta Psychologica*, 132, 31-39.
46. Chen, K. M. & **Yeh, S. L.** (2009). Asymmetric cross-modal effects in time perception. *Acta Psychologica*, 130, 225-234.
47. Chen, Y. C. & **Yeh, S. L.** (2009). Radical representation in models of Chinese character recognition. *Research in Applied Psychology*, 43, 177-205.
48. Lo, S.Y. & **Yeh, S. L.** (2008). Dissociation of processing time and awareness by the inattentive blindness paradigm. *Consciousness and Cognition*, 17, 1169-1180.
49. Chou, W. L. & **Yeh, S. L.** (2008). Location- and object-based inhibition of return are affected by different kinds of working memory. *Quarterly Journal of Experimental Psychology*, 61, 1761-1768.
50. **Yeh, S. L.** & Liao, H. I. (2008). On the generality of the contingent orienting hypothesis. *Acta Psychologica*.129, 157-165.
51. Chen Y. C. & **Yeh, S. L.** (2008). Visual events modulated by sound in repetition blindness. *Psychonomic Bulletin & Review*, 15, 404-408.
52. Li, J. L., & **Yeh, S. L.** (2007). New objects do not capture attention without a top-down setting: Evidence from an inattentive blindness task. *Visual Cognition*, 15, 661-684.

53. Liao, H.I. & **Yeh, S. L.** (2007). Involuntary orienting caused by salient stimuli outside focal attention: Comparison of two paradigms. *Chinese Journal of Psychology*, 49, 145-158.
54. Hsu, L. C., **Yeh, S. L.** & Kramer, P. (2006). A common mechanism for perceptual filling-in and motion-induced blindness. *Vision Research*, 46, 1973-1981.
55. Chou, W. L. & **Yeh, S. L.** (2005). Object-based inhibition of return: Evidence from overlapping objects. *Chinese Journal of Psychology*, 47, 1-13.
56. **Yeh, S. L.** & Li, J. H. (2005). The allocation of focal attention in visual space: Unitary or split? *Research in Applied Psychology*, 25, 143-178.
57. **Yeh, S. L.**, & Li, J. L. (2004). Sublexical processing in visual recognition of Chinese characters: Evidence from repetition blindness for sub-character components. *Brain and Language*, 88, 47-53.
58. **Yeh, S. L.**, Lin, Y. H., & Li, J. L. (2004). Role of character structure in judgments of visual similarity of Chinese characters for children in elementary school. *Journal of Education and Psychology*, 27, 95-118.
59. Li, J. H., & **Yeh, S. L.** (2004). The selection basis of visual attention: space-based or object-based? *Research in Applied Psychology*, 21, 165-194.
60. Hsu, L. C., **Yeh, S. L.**, & Kramer, P. (2004). Linking motion-induced blindness to perceptual filling-in. *Vision Research*, 44, 2857-2866.
61. **Yeh, S. L.**, Li, J. L., T., Takeuchi, T., Sun, V. C., & Liu, W. R. (2003). The role of learning experience on the perceptual organization of Chinese characters. *Visual Cognition*, 10, 729-764.
62. Li, J. L., & **Yeh, S. L.** (2003). Do "Chinese and Americans see opposite apparent motions in a Chinese character"? Tse and Cavanagh (2000) replicated and revised. *Vision Cognition*, 10, 537-547.
63. **Yeh, S. L.**, Chang, H. C., Chen, I. P., & Lee, C. Y. (2003). Prelexical phonology by low spatial frequency channels? *Chinese Journal of Psychology*, 45, 11-27.
64. **Yeh, S. L.**, & Li, J. L. (2002). Role of structure and component in judgments of visual similarity of Chinese characters. *Journal of Experimental Psychology: Human Perception and Performance*, 28, 933-947.
65. Chen, I. P., **Yeh, S. L.**, & Lin, S. Y. (2001). Critical phase band for Chinese

- character recognition. *Chinese Journal of Psychology*, 43, 155-173.
66. **Yeh, S. L.** (2000). Structure detection of Chinese characters: visual search slope as an index of similarity between different-structured characters. *Chinese Journal of Psychology*, 42, 191-216.
  67. **Yeh, S. L.,** & Chen, I. P. (2000). Trichromatic theory of color vision and its applications. *Research in Applied Psychology*, 5, 114-141.
  68. Chen, I. P., & **Yeh, S. L.** (2000). Gamma correction for monitors used in psychological experiments. *Research in Applied Psychology*, 5, 143-164.
  69. **Yeh, S. L.,** & Chen, I. P. (2000). Trichromatic theory of color vision: related phenomena and explanations. *Research in Applied Psychology*, 6, 29-32.
  70. **Yeh, S. L.,** & Chen, I. P. (1999). Is early visual processing attention impenetrable? *Behavioral and Brain Sciences*, 22, 400.
  71. **Yeh, S. L.,** Li, J. L. & Chen, K. M. (1999). Classification of Chinese characters: Verification by different predesignated categories and varied sample sizes. *Chinese Journal of Psychology*, 40, 67-87.
  72. **Yeh, S. L.,** Li, J. L. & Chen, I. P. (1997). The perceptual dimensions underlying the classification of the shapes of Chinese characters. *Chinese Journal of Psychology*, 39, 47-74.
  73. **Yeh, S. L.,** Chen, I. P., De Valois, K. K., & De Valois, R. L. (1996). Figural aftereffects and spatial attention. *Journal of Experimental Psychology: Human Perception and Performance*, 22, 446-460.
  74. Zhang, J., **Yeh, S. L.,** & De Valois, K. K. (1993). Motion contrast and motion integration. *Vision Research*, 33, 2721-2732.
  75. Rueckl, J. G., Suzuki, S., & **Yeh, S. L.** (1991). On the locus of redundancy effects in a letter-detection task. *Perception and Psychophysics*, 49, 412-421.

#### **(B) BOOKS AND BOOK CHAPTERS**

1. **Yeh, S. L.,** & Woodward, J. A. (2012). *Increase science productivity: The secrets to writing winning articles and research proposals*. National Taiwan University Press, Taipei.
2. **Yeh, S. L.** (2009). Word recognition. In I. W. Su (Ed.), *Language and*

- Cognition* (pp. 289-320). National Taiwan University Press, Taipei.
3. Chen I. P., & **Yeh, S. L.** (2007). Sensation and perception. In H. C. Chen (Ed.), *Cognitive psychology* (pp. 71-112). Wu-Nan, Taipei.
  4. **Yeh, S. L.** (1999). Role of color in spatial vision. In C. S. Li (Ed.), *Vision and Cognition*, (pp. 227-258). Yuan-Liu, Taipei.
  5. **Yeh, S. L.** (1999). Visual spatial attention. In C. S. Li (Ed.), *Vision and Cognition*, (pp. 291-324). Yuan-Liu, Taipei.

**(C) CONFERENCE PRESENTATIONS** with published abstracts or full papers

1. **Yeh, S. L.**, Yang, Y.H., & Li, S. H. (2017). What happens from semantic activation of single words under visual crowding to their integration over time? *International Conference on Cognitive Science*, Taipei, Taiwan
2. Chien, S. E., Yang, Y.H., Teramoto, S., Ono, Y., & **Yeh, S. L.** (2017). Neural correlates of unconscious semantic priming: An MEG study. *International Conference on Cognitive Science*, Taipei, Taiwan
3. Hsia, C. Y., Chen, Y.C., **Yeh, S. L.**, Tu, C. K., Wu, M. T., Chen, N. C., & Tang, P. F. (2017). Perception of audiovisual simultaneity independently contributes to dual-task gait performance in the aging population. *International Conference on Cognitive Science*, Taipei, Taiwan
4. Hsia, C. Y., Chen, Y.C., **Yeh, S. L.**, Wu, M. T., Chen, N. C., & Tang, P.F., (2017). Effects of aging on the perception of audiovisual simultaneity: comparisons among young, middle-aged, and older adults. *International Conference on Cognitive Science*, Taipei, Taiwan
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