

Su-hua Wang

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POSITION

2003- Assistant Professor University of California, Santa Cruz

EDUCATION

2003 Ph.D., Developmental Psychology University of Illinois at Urbana-Champaign
Advisor: Renée Baillargeon
“Manipulating infants’ expectations about physical events:
Evidence from priming and teaching experiments”

1998 M.Sc., Psychology National Taiwan University

1995 B.Sc., Psychology National Taiwan University

AWARDS

2008-2010 Research Grant, Ching-kuo Foundation, McLean, VA (\$19,841)

2006-2008 Junior Scholar Grant, Chiang Ching-kuo Foundation, McLean, VA (\$30,000)

2006-2008 Special Research Grant, UCSC

2005-2007 Social Sciences Division Research Award, UCSC

2003-2006 Faculty Research Grant, UCSC

2005 Women in Cognitive Science Travel Award, funded by NSF (\$2,000)

2003 President’s Faculty Enrichment Initiative Award, UCSC

2002 Dissertation Fellowship, Chiang Ching-kuo Foundation, McLean, VA (\$15,000)

1996 Thesis Completion Fellowship, Li-ching Foundation, Taipei (NT\$20,000)

TOPICS OF ONGOING RESEARCH

The role of experience in early learning; contextual effects in visual representation; perception and action; infants’ use of communicative cues to interpret others’ action; cross-cultural comparisons of parental beliefs.

EXTERNAL FUNDING

1. Junior Scholar Grant, 7/1/06 – 12/31/07
The Chiang Ching-kuo Foundation, McLean, VA
“Learning by infants in Taiwan and the United States: The role of parental beliefs and practices”
2. Research Grant, 7/1/08 – 6/30/10
The Chiang Ching-kuo Foundation, McLean, VA
“The impact of social change on the socialization environments of Chinese babies”

3. Research Grant, under review
National Science Foundation
“Learning to use task-relevant information in infancy”

REFERRED JOURNAL ARTICLES

- Wang, S. (under review). Prior experience guides perception: Infants selectively use information in perceptually identical events.
- Wang, S. (under review). The persistence of inducing effects in young infants' physical reasoning.
- Wang, S., & Mitroff, S. R. (in press). Preserved visual representations despite change blindness in infants. *Developmental Science*.
- Wang, S., & Baillargeon, R. (2008). Can infants be "taught" to attend to a new physical variable in an event category? The case of height in covering events. *Cognitive Psychology*, *56*, 284-326.
- Wang, S., & Baillargeon, R. (2008). Detecting impossible changes in infancy: A three-system account. *Trends in Cognitive Sciences*, *12*, 17-23.
- Wang, S., & Kohne, L. (2007). Visual experience enhances infants' use of task-relevant information in an action task. *Developmental Psychology*, *43*, 1513-1522.
- Sandel, T. L., Cho, G. E., Miller, P. J., & Wang, S. (2006). What it means to be a grandmother? A cross-cultural study of Taiwanese and Euro-American grandmothers' beliefs. *Journal of Family Communication*, *6*, 255-278.
- Wang, S., & Baillargeon, R. (2006). Infants' physical knowledge affects their change detection. *Developmental Science*, *9*, 173-181.
- Wang, S., & Baillargeon, R. (2005). Inducing infants to detect a physical violation in a single trial. *Psychological Science*, *16*, 542-549.
- Cho, G. E., Sandel, T. L., Miller, P. J., & Wang, S. (2005). What do grandmothers think about self-esteem? American and Taiwanese folk theories revisited. *Social Development*, *14*, 701-721.
- Wang, S., Baillargeon, R., & Paterson, S. (2005). Detecting continuity violations in infancy: A new account and new evidence from covering and tube events. *Cognition*, *95*, 129-173.
- Wang, S., Baillargeon, R., & Brueckner, L. (2004). Young infants' reasoning about hidden objects: Evidence from violation-of-expectation tasks with test trials only. *Cognition*, *93*, 167-198.
- Wang, S., Kaufman, L., & Baillargeon, R. (2003). Should all static objects move when hit? Developments in infants' causal and statistical reasoning about collision events. *Infant Behavior and Development*, *26*, 529-567.
- Baillargeon, R., & Wang, S. (2002). Event categorization in infancy. *Trends in Cognitive Sciences*, *6*, 85-93.
- Miller, P. J., Wang, S., Sandel, T., & Cho, G. E. (2002). Self-esteem as folk theory: A comparison of European American and Taiwanese mothers' beliefs. *Parenting: Science and Practice*, *2*, 209-239.

REFERRED BOOK CHAPTERS

Baillargeon, R., Li, J., Luo, Y., & Wang, S. (2006). Under what conditions do infants detect continuity violations? In Y. Munakata & M. H. Johnson (Eds.), *Processes of Change in Brain and Cognitive Development* (Attention and Performance XXI, pp. 163-188). Oxford University Press.

Miller, P. J., Hengst, J. A., & Wang, S. (2003). Ethnographic methods: Applications from developmental cultural psychology. In P.M. Camic, J.E. Rhodes, & L. Yardley (Eds.), *Qualitative research in psychology: Expanding perspectives in methodology and design* (pp. 219-242). Washington DC: APA.

MANUSCRIPTS IN PREPARATION

Wang, S. Hands-on learning: Parental guidance in infants' learning about physical events through action.

Wang, S. Inducing infants to detect impossible changes.

Wang, S., & Rubin, P. Infants use affective information to perceive others' preference.

INVITED TALKS

Apr 2006	Center for Advanced Study in the Behavioral Sciences, Stanford	Knowledge and Representation Group
Oct 2005	University of California, Berkeley	Developmental Colloquium
Apr 2005	University of Warwick, U.K.	AHRB Workshop on Causal Understanding and Intuitive Physics
Nov 2004	Stanford University	Developmental Colloquium
Jan 2003	University of California, Santa Cruz	Psychology Department
Dec 2001	National Taiwan University	Psychology Department

CONFERENCE PRESENTATIONS

Wang, S. (2008, March). Parent-guided action facilitates infants' learning about physical events: A cross-cultural study. Poster presented at the biennial International Conference on Infant Studies, Vancouver, Canada.

Hoicka, E., & Wang, S. (2008, March). Fifteen-month-old infants match humorous cues to humorous actions. Paper presented at the symposium *Infants' use of communicative cues to interpret others' actions* at the biennial International Conference on Infant Studies, Vancouver, Canada.

Rubin, P., & Wang, S. (2007, March). Detecting behavioral regularity in 15-month-old infants. Poster presented at the biennial meeting of the Society for Research in Child Development, Boston, MA.

Wang, S. (2006, June). Contextual cueing facilitates infants' change detection. Paper presented at the symposium *Perception and representation of objects through occlusion* at the biennial International Conference on Infant Studies, Kyoto, Japan.

- Wang, S. (2006, June). The role of social interaction in infants' learning about physical events. Poster presented at the biennial International Conference on Infant Studies, Kyoto, Japan.
- Wang, S. (2006, April). The robustness of inducing effects in 5-month-old infants. Paper presented at the symposium *Inducing infants to detect physical violations: What do these results tell us about infants' physical reasoning?* at the Conference on Human Development, Louisville, KY.
- Wang, S. (2005, April). Infants selectively track object properties: Spatial constraints on object representations. Paper presented at the symposium *Toward a coherent object representation: Constraints and developments in infancy and adulthood* at the biennial meeting of the Society for Research in Child Development, Atlanta, GA.
- Wang, S., & Kohne, L. (2005, April). Turning observation into action: Infants learn to solve a manual search task through brief visual experience. Poster presented at the biennial meeting of the Society for Research in Child Development, Atlanta, GA.
- Wang, S. (2004, May). Change blindness in infancy: Event-specific effects. Paper presented in the symposium *Context-specificity effects in infants' learning and reasoning about events* at the biennial International Conference on Infant Studies, Chicago, IL.
- Wang, S. (2004, May). From observation to action: Teaching 9.5-month-old infants to attend to height information. Paper presented in the symposium *Facilitating infants' representations and actions* at the biennial International Conference on Infant Studies, Chicago, IL.
- Wang, S. (2003, April). Under what conditions do infants learn about physical events? Poster presented at the biennial meeting of the Society for Research in Child Development, Tampa, FL.
- Wang, S. (2003, April). When expected seems unexpected: 7.5-month-old infants' reasoning about support events. Poster presented at the biennial meeting of the Society for Research in Child Development, Tampa, FL.
- Wang, S., & Baillargeon, R. (2002, April). Priming infants to attend to height information in a physical reasoning task. Paper presented in the symposium *Manipulating the contents of infants' representations* at the biennial International Conference on Infant Studies, Toronto.
- Wang, S. (2002, April). Teaching infants to reason about height in a physical reasoning task. Poster presented at the biennial International Conference on Infant Studies, Toronto.
- Miller, P. J., Wang, S., Sandel, T., & Cho, G. E. (2001, November). Self-esteem as folk theory: An analysis of interviews as communicative events. Paper presented at the annual meeting of the National Communicative Association, Atlanta, GA (chosen as one of the top papers in the Language and Social Interaction Division).
- Wang, S. (2001, October). Young infants possess general expectations about the continuity and solidity of objects: Evidence from covering events. Poster presented at the biennial meeting of the Cognitive Development Society, Virginia Beach, VA.
- Wang, S. (2001, May). Ten-month-old infants' reasoning about the weight and size of objects in collision events. Paper presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.

- Wang, S. (2001, April). Ten-month-old infants' reasoning about the weight of objects in collision events. Poster presented at the biennial meeting of the Society for Research in Child Development, Minneapolis, MN.
- Miller, P. J., Wang, S., Sandel, T., & Cho, G. E. (2001, April). The meanings and discourses of self-esteem: Parental folk theories of childrearing in Taiwan and the US. Paper presented in the symposium *Parental folk theories of self-esteem: Variability within and across cultures* at the biennial meeting of the Society for Research in Child Development, Minneapolis, MN.
- Wang, S., & Paterson, S. (2000, July). Infants' reasoning about containers and covers: Evidence for a surprising décalage. Poster presented at the biennial International Conference on Infant Studies, Brighton, U.K.
- Wang, S., & Lay, K. (1999, April). Concept of compensatory relation between effort and ability: A comparison between Chinese adults and children. Paper presented in the poster symposium *Reconsideration of the effects of teachers' and parents' verbal comments and disciplines: Findings from Chinese population* at the biennial meeting of the Society for Research in Child Development, Albuquerque, NM.
- Wang, S., & Lay, K. (1999, April). The effect of normative information accompanied with teachers' comments. Paper presented in the poster symposium *Reconsideration of the effects of teachers' and parents' verbal comments and disciplines: Findings from Chinese population* at the biennial meeting of the Society for Research in Child Development, Albuquerque, NM.
- Wang, S., & Lay, K. (1997, February). The effects of academic performance and teachers' feedback on children's social cognition. Paper presented at the 2nd congress of Chinese Psychologists, Hong Kong.
- Lay, K., Wang, S., Soong, P., & Yang, W. (1997, April). Verbal abuse in Chinese families: Its prevalence and consequences. Poster presented at the biennial meeting of the Society for Research in Child Development, Washington DC.
- Wang, S., Tsai, W., & Lay, K. (1996, May). Teachers' negative feedback and the distribution of inciting events. Paper presented at the annual meeting of the Chinese Psychological Association, Taipei.

PROFESSIONAL SERVICE

- Ad-hoc Journal Reviewing: *Cognition*
 Developmental Psychology
 European Journal of Developmental Sciences
 Journal of Cognition and Development
 Psychological Science
 Science
 Social Development
- Other Service: Panel Reviewer for 2007 SRCD Biennial Meeting