

***CURRICULUM VITAE***  
***DR. KAREN WYNN***

Department of Psychology  
Yale University  
New Haven, CT 06520

Email address: [karen.wynn@yale.edu](mailto:karen.wynn@yale.edu)  
Web page: <http://pantheon.yale.edu/~kw77>

***EDUCATION***

- 1990            Ph.D. in Cognitive Science, Massachusetts Institute of Technology.  
1985            Bachelor of Arts with Distinction, Psychology, McGill University.

***ACADEMIC APPOINTMENTS***

- 1999-present    Professor of Psychology and Professor of Cognitive Science, Yale University  
2014            Visiting Professor, Central European University Summer School, Budapest  
2012            Visiting Professor, International Summer Campus, Tsinghua University, Beijing  
2009            Visiting Distinguished Fellow, University of California Santa Barbara, SAGE  
                  Center for the Study of Mind  
2006            Visiting Professor, International Summer Campus, Korea University, Seoul  
2004            Visiting Professor, Central European University Summer School, Budapest  
1997-98        Visiting Associate Research Scientist, Medical Research Council Cognitive  
                  Development Unit, University College London, London U.K.  
1990-99        Assistant, Associate Professor of Psychology and Associate Research Scientist in  
                  Cognitive Science, University of Arizona

***RESEARCH INTERESTS***

Cognitive, social and emotional development in infancy and early childhood: The nature, origins and development of early understanding of the social world, including social evaluation of others; identification & representation of social categories; social group preferences including ingroup/outgroup processes; understanding of and reasoning about intentional agents and social interactions; cognitive mechanisms for representing and reasoning about physical versus social entities; tracking of social alliances and affiliations; early emotional development and socio-emotional interactions; origins, nature, & development of moral judgments.

## ***HONORS AND AWARDS***

- 2012 Plenary Speaker, *Human Behavior and Evolution Society* Annual Conference, Albuquerque
- 2009 Visiting Distinguished SAGE Fellow, *SAGE Center for the Study of Mind*, UCSB (Distinguished Lecture Series of 4 lectures)
- 2005 - Fellow, *Association for Psychological Science*
- 2002 Invited Address, *International Conference on Infant Studies*, Toronto
- 2001 Troland Research Award, *National Academy of Sciences*  
Award given “to recognize unusual achievement” by researchers 40 years of age or younger. Given in recognition of “pioneering research on the foundations of quantitative and mathematical thinking in infants and young children.”
- 2000 Distinguished Scientific Award for Early Career Contribution to Psychology (area of Developmental Psychology), *American Psychological Association*
- 2000 Center for Advanced Study in the Behavioral Sciences Senior Research Fellowship Award, Stanford University (postponed)
- 1997-98 *James McKeen Cattell Foundation* Sabbatical Award
- 1994 University of Arizona Social and Behavioral Sciences Research Institute (SBSRI) Professorship (competitive award of teaching release)
- 1993 University of Arizona SBSRI Award for Best Journal Article of 1992
- 1992 University of Arizona SBSRI Grant Proposal Competition, competitive award of summer salary
- 1991 Harris Visiting Professor at the Harris Center for Developmental Studies, University of Chicago
- 1987-90 *National Science Foundation* Graduate Fellowship
- 1984-85 James McGill Scholarship (undergraduate)

## GRANTS

- 2009-15 *National Institute of Mental Health* #R01 MH 081877  
“Social Evaluation in Infants”  
Role: Principle Investigator  
\$2,068,750
- 2009-12 *National Science Foundation* Grant #BCS-0921515  
“Social Evaluation & Learning in Toddlers”  
Role: Principle Investigator  
\$205,000
- 2007-09 *National Science Foundation* Grant #BCS-0715557  
“Social Evaluation in Infants and Toddlers”  
Role: Principle Investigator  
\$174,999
- 2002-06 *National Science Foundation* Grant #BCS-0132444  
“Object Cognition in Infants and Adults”  
Role: Principle Investigator  
\$499,998
- 2002-05 (Sponsor) *National Institutes of Health* post-doctoral NSRA  
“The Representation of Persisting Objects” awarded to Stephen Mitroff
- 2002-04 (Sponsor) *National Institutes of Health* post-doctoral NRSA  
“Young Children’s Understanding of Intentionality” awarded to Valerie Kuhlmeier
- 1999-02 *National Science Foundation* Grant #BCS-9910781  
"Quantification and individuation processes in infants"  
Role: Principle Investigator  
\$308,000
- 1999-02 *National Science Foundation* Research Experience for Undergraduates Award  
\$30,000
- 1993-99 *National Institute of Child Health and Human Development* #R29 HD29857  
"The nature of infants’ mental representation of number" (FIRST Award)  
Role: Principle Investigator  
\$531,242
- 1992 University of Arizona Social & Behavioral Sciences Research Institute Small Grant  
\$2,500
- 1990-92 *National Institutes of Health* Institutional Biomedical Research Support Grant  
#S07RR07002, "The nature and development of early numerical knowledge"  
Role: Principle Investigator  
\$9,550
- Sponsor of 3 *National Science Foundation* Graduate Fellowship Awardees: Koleen McCrink (2004-2007); Neha Mahajan (2009-2012); Suzanne Horwitz (2010-2013).
- Sponsor of 2 *National Institutes of Health* post-doctoral NSRA Awardees: Valerie Kuhlmeier (2002-2004) and Stephen Mitroff (2002-2005).

## ***SELECTED MEDIA INTERVIEWS & COVERAGE***

### ***Television / Documentary Interviews & Lab Filming***

- National Geographic, *Brain Games*, episode: Compassion (aired July 14, 2014)  
CNN, *Anderson Cooper 360* (3-part series aired Feb 12, 13, 14, 2014)  
<http://www.cnn.com/2014/02/12/us/baby-lab-morals-ac360/>  
ABC, *60 Minutes* episode on infants' moral & social judgments, with Lesley Stahl (aired 2012)  
<http://www.cbsnews.com/news/babies-help-unlock-the-origins-of-morality>  
The Science Channel, *Through the Wormhole with Morgan Freeman*, episode: The Roots of Good and Evil (aired 2012)  
CBC *The Nature of Things with David Suzuki*, episode: The Moral Compass (aired 2012)  
BBC *Horizon* episode on morality (aired 2012)  
National Science Foundation Special Report, featured on Science Nation, March 2011:  
[http://www.nsf.gov/news/special\\_reports/science\\_nation/babieslearning.jsp](http://www.nsf.gov/news/special_reports/science_nation/babieslearning.jsp)  
PBS, interview and filming of lab with Alan Alda for series "*The Human Spark*," episode: "So Human, So Chimp" (aired January 20, 2010)  
<http://www.pbs.org/wnet/humanspark/episodes/program-three-brain-matters/video-full-episode/418/> (see Chapter 5)  
National Geographic, *Explorer* show (aired September 19, 2007)  
Intelecom Series on Psychology (aired 2006-2007)  
Discovery Channel documentary on Babies' Development (aired 2003).  
Association for Supervision and Curriculum Development, 2001, segment for Development of Mathematical Knowledge and the Brain  
Television Francais documentary on The Number Sense (aired 2000)  
London BBC Television documentary on mathematical thought & math education (aired 1997)  
Discover Channel, *Beyond 2000* (aired 1995)  
ABC, *The Home Show* (aired 1993)

### ***News Coverage (print & online news & magazines)***

- The Financial Times, Feb 01, 2014, <http://www.financialexpress.com/news/even-infants-know-plants-provide-food/1222337>  
*The Atlantic*, Dec 03, 2013: <http://www.theatlantic.com/health/archive/2013/12/why-babies-fear-plants/281954/>  
*The Atlantic*, May 7, 2013: <http://www.theatlantic.com/health/archive/2013/05/study-babies-like-watching-puppets-who-are-different-from-them-get-hurt/275602/>  
*The Boston Globe*, April 03, 2013: <http://www.bostonglobe.com/editorials/2013/04/03/does-nature-play-role-forming-prejudices/S7lfWcINYU3RNoDZJC7hPJ/story.html>  
*The Boston Globe*, March 12, 2013: <http://www.bostonglobe.com/lifestyle/health-wellness/2013/03/12/babies-prefer-those-who-pick-individuals-who-are-different/s0KIWsHqLBLho4KYmwHejP/story.html>  
*Smithsonian Magazine*, January 2013 Cover Story: <http://www.smithsonianmag.com/science-nature/are-babies-born-good-165443013/>  
*Science Daily*, 2010, Dec 05: <http://www.sciencedaily.com/releases/2010/12/101201142507.htm>  
*New York Times Magazine*, Cover story, "The Moral Life of Babies" May 8, 2010, Mother's Day Issue, <http://www.nytimes.com/2010/05/09/magazine/09babies-t.html>  
New York Times, Dec 2007 <http://www.nytimes.com/2007/12/04/health/research/04beha.html>  
The Guardian (London), November 2007; Toronto Globe & Mail, November 22, 2007  
*New Scientist*, November 2007  
*The New Yorker*, 2006

*Science Daily* 2003, Sept 30 <http://www.sciencedaily.com/releases/2003/09/030930055123.htm>  
*Science News* 2002, Cover Story June 22, 2002: <http://www.sciencenews.org/view/issue/id/2846>  
New York Times, June 2002;  
*Life Magazine*, Cover Story (July 1993)  
*Discover* (January 1993: one of *Top 50 Science Stories of 1992*)  
New York Times, Front Page, August 27 1992 (*photo and interview*)  
Associated Press (*interview*); Toronto Star (Canada) (*interview*); NRC Handelsblad (Holland); Athens News (Greece); The Independent (London); la Repubblica (Italy); Washington Post; Los Angeles Times; Boston Globe; San Jose Mercury (*Interview*); Newsday (New York) (*Interview*); Arizona Daily Star (*Interview*); Detroit Free Press; etc.  
*Figaro Magazine* (Paris)  
Journal International de Medecine 1992; *Time* (Australia) 1992; *Science News*, 1993; *Geo Magazine*, 1993

### **Radio Interviews**

NPR *All Things Considered, Weekend Edition*, May 09, 2010.  
<http://www.npr.org/templates/story/story.php?storyId=126653606>  
*The Breakfast Show*, Australian Broadcasting Corporation, interview, Nov 28, 2007  
Austrian Broadcasting Corporation, interview, Nov 2007  
NPR, *All Things Considered Weekend Edition*, interview, May 2002  
CBC *All Things Considered* (USA & Canada)  
London BBC World News; Oxford BBC; Australian Broadcasting Radio; British Independent Broadcasting Service; London Broadcasting Corp; CBS News, NY; CKW (Windsor and Detroit); KPFA (Berkeley); KVEN (Santa Barbara), etc.

### ***PROFESSIONAL EXPERIENCE***

Associate Editor, *Cognition* (2015- )  
Advisory Editorial Board Member of *Trends in Cognitive Sciences*, 2000-2005  
Editorial Board Member of *Cognition*, 2002 – 2014  
Associate, *Behavioral and Brain Sciences*, 1995 –

**Guest reviewer for:** *Child Development, Cognition, Cognition and Instruction, Cognitive Development, Cognitive Psychology, Current Directions in Psychological Science, Developmental Psychology, Developmental Science, Infancy, Infant Behavior and Development, Journal of Experimental Child Psychology, Journal of Experimental Psychology: Human Perception and Performance, Mathematical Cognition, Mind and Language, Nature, Nature Neuroscience, Proceedings of the National Academy of Sciences, Psychological Bulletin, Psychological Science, Science, Trends in Cognitive Science, Trends in Neuroscience*, Harvard University Press, MIT Press, Oxford University Press, The Society for Philosophy and Psychology, The Society for Research in Child Development, The International Conference on Infant Studies, The National Science Foundation, the National Institute of Mental Health.

**Professional Societies Memberships:** *American Psychological Society (Fellow), Psychonomic Society, Society for Research in Child Development, International Society for Infant Studies, Society for Personality and Social Psychology*, Associate, *Behavioral & Brain Sciences*

## **TEACHING**

**Lecture Courses:** *Introduction to Psychology; Developmental Psychology; Cognitive Development; Research Methods in Infant Development; Human Reasoning and Rationality; Babies & Beasts – The Mental Lives of Infants & Animals.*

**Seminars:** *The Discriminating infant – the Developmental Roots of Good and Evil; Social & Emotional Development; Comparative Social Cognition; Evolution and the Social Infant; Parents, Children, and Evolution; Origins of Numerical Cognition; Object Cognition in Infants & Adults.*

**Undergraduate Advising:** Sophomore & Freshman advisor. Supervise undergraduate Independent Study projects (10-18/yr) and Senior Theses (3-8/yr).

**Graduate & Post-doctoral Advising:** Current & past graduate advisees: Erik Cheries, Wen-Chi Chiang, J. Kiley Hamlin, Neha Mahajan, Koleen McCrink, George Newman, Tanya Sharon, Arber Tasimi, Kristy vanMarle. Current & past post-doctoral advisees: Valerie Kuhlmeier, Steven Mitroff, David Pietraszewski, Annie Wertz.

## **SERVICE**

### **Departmental Service, Yale University**

Behavioral Neuroscience junior & senior search committees, 1999-2002  
Cognitive junior & senior search committees, 1999-2001  
Diversity Committee 2001-2003, 2007-2009  
Developmental senior search committee 2002-2003, 2003-2004  
Chair, Developmental junior search committee, 2004-2005, 2005-2006, 2006-2007  
Chair, Junior Faculty Mentoring Committee, 2004-2005, 2005-2006  
Chair, Junior Faculty Reappointment Committee, 2010  
Graduate Student Dissertation, Jane O., and James Grossman Awards Committee, 2011  
Graduate Student APA Dissertation Award Selection Committee, 2011  
Junior Faculty Reappointment Committee, 2012  
Chair, Junior Faculty Fellowships Committee, 2014

### **University Service, Yale University**

Sophomore advisor, most years from 1999-present  
Graduate Career Services Committee 1999-2000  
FAS Social Sciences Divisional Committee & Senior Appointments Committee, 2000-2003  
Women Faculty Forum, Council Member, 2001-2005  
FAS Junior Faculty Fellowships Committee, 2004, 2005, 2006  
Member, Human Subjects IRB Committee for the Faculty of Arts and Sciences, 2004-2005  
Member, University Advisory Council, Yale-New Haven Teachers Institute, 2004-2006  
Chair, Human Subjects IRB Committee for the Faculty of Arts and Sciences, 2005-2007  
FAS Social Sciences Advisory & Tenure Appointments Committee, 2007-2009  
Freshman Advisor, Branford College, 2011-2012  
Chair, Committee on Teaching, Learning and Advising, 2010-2011, 2011-2012, (2013)  
Member, Committee of Review (hears appeals of UG and graduate sanctions), 2011-2013  
Member, Nordhaus ad hoc Committee on Allocation of Faculty Resources, 2011-2012  
Member of ad hoc Committee on Yale College Expansion, 2013-2014  
Yale College faculty representative, Yale Health Member Advisory Committee, 2013-2015  
FAS Social Sciences Advisory, Promotions & Tenure Appointments Committee, 2014

## **PUBLICATIONS**

(\* denotes undergraduate, graduate, and post-doctoral student advisees)

- Wynn, K. (in press). Developmental origins of social and moral evaluation. In A. Leslie & T. German (Eds.), *The Handbook of Theory of Mind*. Psychology Press.
- \*Wertz, A. & Wynn, K. (2014). The forager in the crib: Selective social learning of plant edibility in 6- and 18-month-old infants. *Psychological Science*, 25, 874-882.
- \*Sheskin, M., Bloom, P. & Wynn, K. (2014). Anti-equality: Social comparison in young children. *Cognition*, 130, 152-156.
- \*Wertz, A. & Wynn, K. (2014). Thyme to touch: Infants possess strategies that protect them from dangers posed by plants. *Cognition*, 130, 44-49.
- Wynn, K. & Bloom, P. (2013). The moral baby. In M. Killen & J. Smetana (Eds.), *Handbook of Moral Development*, 2<sup>nd</sup> Ed, pp. 435-453. NY: Taylor & Francis.
- Wynn, K. (2013). Infant cartographers: Mapping the social terrain. In M. Banaji & S. Gelman (Eds.), *Navigating the Social World: What infants, children, and other species can teach us*. New York: Oxford University Press.
- \*Hamlin, K., \*Mahajan, N., \*Lieberman, Z., & Wynn, K. (2013). Not like me = bad: Infants prefer those who harm dissimilar others. *Psychological Science*, 24.
- \*Hamlin, J.K., & Wynn, K. (2012). Who knows what's good to eat? Infants fail to match the food preferences of antisocial others. *Cognitive Development*, 27, 227-239.
- \*Mahajan, N. & Wynn, K. (2012). Origins of "us" versus "them": Prelinguistic infants prefer similar others. *Cognition*, 124, 227-233.
- \*Hamlin, K., Wynn, K., & Bloom, P. (2012). The case for social evaluation in infants. *PLoS One*.
- \*Hamlin, K., Wynn, K., & Bloom, P. (2012). Reply to Scarf et al.: Nuanced social evaluation doesn't compute. *Proceedings of the National Academy of Sciences*, 109, E1427.
- \*Hamlin, J.K., Wynn, K., Bloom, P., & \*Mahajan, N. (2011). How infants and toddlers react to antisocial others. *Proceedings of the National Academy of Sciences*, 108, 19931-19936.
- \*vanMarle, K. & Wynn, K. (2011). Tracking and quantifying objects and non-cohesive substances. *Developmental Science*, 14, 502-515.
- \*Hamlin, J.K., & Wynn, K. (2011). Young infants prefer prosocial to antisocial others. *Cognitive Development*, 26, 30-39.
- \*Newman, G., Keil, F., \*Kuhlmeier, V., & Wynn, K. (2010). Early understandings of the link between agents and order. *Proceedings of the National Academy of Sciences*, 107, 17140-17145.
- \*Hamlin, J.K., Wynn, K., & Bloom, P. (2010). Three-month-old infants show a negativity bias in social evaluation. *Developmental Science*, 13, 923-929.

- \*Cherries, E., \*Mitroff, S., Wynn, K., & Scholl, B. (2009). Do the same principles constrain persisting object representations in infant cognition and adult perception? The cases of continuity and cohesion. In B. Hood & L. Santos (Eds.), *The Origins of Object Cognition*. Oxford: Oxford University Press (pp. 107-134).
- \*Hamlin, J.K., \*Newman, G., & Wynn, K. (2009). Eight-month-old infants infer unfulfilled goals, despite contrary physical evidence. *Infancy*, 14, 579-590.
- \*McCrink K. & Wynn, K. (2009). Operational momentum in large-number addition and subtraction by 9-month-olds. *Journal of Experimental Child Psychology*, 103, 400-408.
- Wynn, K. (2009). Constraints on natural altruism. *British Journal of Psychology*, 100, 481-485.
- \*Yamaguchi, M., \*Kuhlmeier, V., Wynn, K. & \*vanMarle, K. (2009). Continuity in social cognition from infancy to childhood. *Developmental Science*, 12, 746-752.
- \*vanMarle, K., & Wynn, K. (2009). Infants' auditory enumeration: Evidence for analog magnitudes in the small number range. *Cognition*, 111, 302-316.
- \*Newman, G., Choi, H., Wynn, K., & Scholl, B. (2008). The origins of causal perception: Evidence from postdictive processing in infancy. *Cognitive Psychology*, 57, 262-291.
- \*Cherries, E., \*Mitroff, S., Wynn, K., & Scholl, B. (2008). The critical role of cohesion: How splitting disrupts infants' object representations. *Developmental Science*, 11, 427-432.
- \*Hamlin, J.K., Wynn, K., & Bloom, P. (2008). Social evaluation by preverbal infants. *Pediatric Research*, 63(3), 219.
- Wynn, K. (2008). Some innate foundations of social and moral cognition. In P. Carruthers, S. Laurence & S. Stich (Eds.), *The Innate Mind: Foundations and the Future*. Oxford: Oxford University Press.
- \*Newman, G., \*Herrmann, P., Wynn, K., & Keil, F. (2008). Biases towards internal features in infants' reasoning about objects. *Cognition*, 107, 420-432.
- \*McCrink, K. & Wynn, K. (2008). Mathematical Reasoning. In M. Haith & J. Benson (Eds.), *The Encyclopedia of Infant & Early childhood Development*, Vol. 2, pp. 280-289. Elsevier Press.
- \*Hamlin, J.K., Wynn, K., & Bloom, P. (2007). Social evaluation by preverbal infants. *Nature*, 450, 557-559.
- \*McCrink, K. & Wynn, K. (2007). Ratio abstraction by 6-month-old infants. *Psychological Science*, 18, 740-745.
- \*Cherries, E., Wynn, K. & Scholl, B. (2006). Interrupting infants' persisting object representations: An object-based limit? *Developmental Science*, 9, F50-F58.
- \*vanMarle, K. & Wynn, K. (2006). Six-month-old infants use analog magnitudes to represent duration. *Developmental Science*, 9, F41-F49.



- \*Mitroff, S., Scholl, B., & Wynn, K. (2005). The relationship between object files and conscious perception. *Cognition*, 96, 67-92.
- \*McCrink, K., & Wynn, K. (2004). Large-number addition and subtraction in infants. *Psychological Science*, 15, 776-781.
- \*Kuhlmeier, V., Bloom, P., & Wynn, K. (2004). Infants do not see humans as material objects. *Cognition*, 94, 95-103.
- \*Kuhlmeier, V., Wynn, K., & Bloom, P. (2004). People v. objects: A reply to Rakison & Cicchino. *Cognition*, 94, 109-112.
- \*Mitroff, S., Scholl, B., & Wynn, K. (2004). Divide and conquer: How object files adapt when a persisting object splits into two. *Psychological Science*, 15, 420-425.
- \*Kuhlmeier, V., Wynn, K., & Bloom, P. (2003). Attribution of dispositional states by 12-month-old infants. *Psychological Science*, 14, 402-408.
- \*vanMarle, K., & Wynn, K. (2002). Quantitative reasoning. In *Encyclopedia of Cognitive Science*. Macmillan Publishers.
- Wynn, K. (2002). Number processing and arithmetic. In V. S. Ramachandran (Ed.), *Encyclopedia of the Human Brain*. Academic Press.
- Wynn, K., Bloom, P. & \*Chiang, W-C. (2002). Enumeration of collective entities by 5-month-old infants. *Cognition*, 83, B55-B62.
- Wynn, K. (2002). Do infants have numerical expectations or just perceptual preferences? *Developmental Science*, 2, 207-209.
- Wynn, K. (2000). Findings of addition and subtraction in infants are robust and consistent: A reply to Wakeley, Rivera and Langer. *Child Development*, 71, 1535-1536.
- \*Chiang, W-C., & Wynn, K. (2000). Infants' representation and tracking of multiple objects. *Cognition*, 77, 169-195.
- Jackendoff, R., Bloom, P., & Wynn, K., Eds. (1999). *Language, Logic, and Concepts: Essays in Honor of John Macnamara*. Cambridge, MA: MIT Press.
- Wynn, K. & \*Chiang, W. (1998). Limits to infants' knowledge of objects: The case of magical appearance. *Psychological Science*, 9, 448-455.
- Wynn, K. (1998). Psychological foundations of number: Numerical competence in human infants. *Trends in Cognitive Sciences*, 2, 296-303.
- \*Sharon, T. & Wynn, K. (1998). Infants' individuation of actions from continuous motion. *Psychological Science*, 9, 357-362.
- Wynn, K. (1998). An evolved capacity for number. In D. Cummins and C. Allen (Eds.), *The Evolution of Mind*. Oxford: Oxford University Press.

- Wynn, K. (1998). Numerical competence in infants. In C. Donlan (Ed.), *The Development of Mathematical Skills*, pp. 3-25. East Sussex, UK: Psychology Press Ltd.
- Bloom, P. & Wynn, K. (1997). Linguistic cues in the acquisition of number words. *Journal of Child Language*, 24, 511-533.
- Wynn, K. (1997). Competence models of numerical development. *Cognitive Devel.*, 12, 333-339.
- Wynn, K. (1996). Infants' individuation & enumeration of actions. *Psych. Science*, 7, 164-169.
- Wynn, K. (1995). Infants possess a system of numerical knowledge. *Current Directions in Psychological Science*, 4, 172-177.
- Reprinted (2000) in K. Lee (Ed.), *Childhood Cognitive Development: The Essential Readings*. Oxford: Blackwell Publishers.
- Reprinted (1998) in S. Shettleworth (Ed.), *Cognition, evolution, and behavior*. Oxford: Oxford University Press.
- Wynn, K. (1995). Origins of numerical knowledge. *Mathematical Cognition*, 1, 35-60.
- Bloom, P. & Wynn, K. (1994). The real problem with constructivism. *Behavioral and Brain Sciences*, 17, 707-708.
- Wynn, K. (1993). Evidence for unlearned numerical competence. *Proceedings of the Joint Annual Meeting of the Western Psychological Association and the Rocky Mountain Psychology Association, Vol. 2*.
- Wynn, K. (1992). Addition and subtraction by human infants. *Nature*, 358, 749-750.
- Reprinted (2000) in D. Muir and A. Slater (Eds.), *Infant Development: The Essential Readings*. Oxford: Blackwell Publishers.
- Reprinted (2000) in *Instructors' Resource Manual to Kathleen Berger's The Developing Person Through Childhood and Adolescence*, by R. Straub. Worth Publishers.
- Reprinted (1998) in J. DeLoache (Ed.), *Current Readings in Child Development, 3rd edition*. Allyn & Bacon.
- Reprinted (1994) in J. DeLoache (Ed.), *Current Readings in Child Development, 2nd edition*. Allyn & Bacon.
- Translated and printed in *le Journal International de Medecine* as: Wynn, K. (1992). Capacites d'addition et de soustraction chez le nourrisson. *No. 245*, 16 Septembre, 25-28.
- Wynn, K. (1992). Children's acquisition of the number words and the counting system. *Cognitive Psychology*, 24, 220-251.
- Wynn, K. (1992). Evidence against empiricist accounts of the origins of numerical knowledge. *Mind & Language*, 7, 315-332.
- Reprinted (1994) in D. Papalia & D. Olds (Eds.), *A Child's World: Infancy Through Adolescence*. McGraw-Hill.

Reprinted (1993) in A. Goldman (Ed.), *Readings in Philosophy and Cognitive Science*. Cambridge, MA: MIT Press.

Wynn, K. (1992). Issues concerning a nativist theory of numerical knowledge. *Mind & Language*, 7, 367-381.

Wynn, K. & Bloom, P. (1992). The origins of psychological axioms of arithmetic and geometry. *Mind & Language*, 7, 409-416.

Wynn, K. (1992). Il neonato sapiens sapiens. *La Repubblica*, November 11, p. 36. (2000-word article solicited by *La Repubblica*, an Italian daily newspaper with readership of 5 million.)

Wynn, K. (1990). Children's understanding of counting. *Cognition*, 36, 155-193.

## ***PRESENTATIONS***

### ***Invited Lecture Series & Invited Conference, Symposium, & Workshop Presentations***

Wynn, K. (2015). Invited lecture at the Sea Island Creativity Conference.

Wynn, K. (2015). Looking for the Origins of Human Morality: Evidence from The Scientific Study of Babies. Distinguished Lecture, in the General Session of the International Association for Dental Research, Boston

Wynn, K. (2014). Series of lectures for the “Evolution of Morality” Summer School at the Central European University, Budapest  
Lecture 1: Moral Babies  
Lecture 2: Immoral Babies

Wynn, K. (2013). Foundations of Morality. Talk given at the New Year’s Renaissance Weekend, Charleston, SC

Wynn, K. (2013). Social evaluations in infancy: The good, the bad, & the ugly. Talk presented at the Workshop on Early Social Cognition hosted by the Ecole Normale Supérieure, Institut Jean Nicod, Paris

Wynn, K. (2013). The moral life of babies. Talk given at the 4<sup>th</sup> of July Renaissance Weekend, Jackson, WY

Wynn, K. (2013). What babies can do: Infant math, baby judgments of character and other incredible insights into early childhood. Talk presented at the 4<sup>th</sup> of July Weekend Renaissance Festival, Jackson, WY

Wynn, K. (2012). What do babies know about right and wrong? Talk presented in the Women Faculty Forum Interdisciplinary Lecture Series, *Knowing*, Yale University, New Haven

Wynn, K. (2012). Social judgments in young infants: The good, the bad and the ugly. Plenary Talk presented at the Human Behavior and Evolution Society Annual Conference, Albuquerque

Wynn, K. (2012). Judgments and Fairness in young infants: The good, the bad and the ugly. Invited talk at the Emory Conference, *What is Fairness? An Interdisciplinary Reflection on the Meanings of Fairness*, Atlanta

- Wynn, K. (2011). The Moral Baby. Talk presented at the European Science Foundation Workshop on Early Understanding of Social Relations, Budapest
- Wynn, K. (2011). The Discriminating Baby. Talk presented at the European Science Foundation Workshop on Early Understanding of Social Relations, Budapest
- Wynn, K. (2011). Social Evaluation in Infancy: The Good, the Bad, and the Ugly. Talk presented at the National Science Foundation Workshop on the Future of Decision, Risk and Management Sciences, Pittsburgh
- Wynn, K. (2010). Invited presentation at the *Center for Social Research & Intervention* Symposium on “Developmental Perspectives on Intergroup Prejudice: Advances in Theory, Measurement, and Intervention”, Lisbon, July 5-8.
- Wynn, K., Hamlin, J., & Bloom, P. (2010). Some early components of moral cognition. Paper given in Invited Symposium at the *International Conference on Infant Studies*, Baltimore, March 10-14.
- Wynn, K. (2009). Visiting Distinguished Fellow Lecture Series, *SAGE Center for the Study of Mind, University of California at Santa Barbara*, July 1-30:
1. “The Social Baby”
  2. “The Moral Baby”
  3. “The Strategic Baby”
  4. “The Discriminating Baby”
- Wynn, K. (2008). Some developmental origins of moral judgments. Presentation given at the *(British) Arts & Humanities Research Council’s Culture and The Mind Project Workshop*, “Norms and Moral Psychology,” New Brunswick NJ, Jan 18-20.
- Wynn, K. (2006). Early understanding of the social world. Keynote address to the *New England Mini-Conference on Infant Studies*, Amherst, Mar 11.
- Wynn, K. (2005). The concept of self in developmental psychology and social psychology. Presentation to the *Annual Yale-Harvard Developmental Social Psychology Workshop*, New Haven, May 13-14.
- Wynn, K. (2004). Invited Lecture Series on The Origins of Understanding of Actions and Intentionality, presented at the *Central European University*, Budapest, July 4-15:
- “Social Cognition in Infancy I: Distinguishing Intentional Agents from Inanimate Objects”
  - “Social Cognition in Infancy II: Early emotional development and social interactions”
  - “Social Cognition in Infancy III: Understanding Intentional Agents”
- Wynn, K. (2004). Smiling behavior in infants: Evolutionary considerations. Presentation to the *Collegium*, Budapest, Jul 25.
- Wynn, K. (2003). Origins of numerical knowledge. Presentation to the *Young Presidents Organization*, Mohegan Reservation, Jun 12.
- Wynn, K. (2003). Origins of numerical knowledge. Presentation to the *Association of Yale Alumni*, New Haven, Jun 7.
- Wynn, K. (2003) Infants’ early arithmetical knowledge. Presentation to the *Center for Educational Research & Innovation* of the *Organisation for Economic Cooperation and Development*, Brockton Massachusetts, Jan 29-31.
- Wynn, K. (2002). Numerical capacities in infants. Invited Address, *International Conference on Infant Studies*, Toronto, Apr 18-21.

- Wynn, K. (2001). Early mechanisms of cognition: Number and Objects. Invited presentation at the *Hanse Institute for Advanced Study* conference, "Foundations of Human Knowledge acquisition: Contributions from infancy research and neuroscience", Bremen, Jun 8-10.
- Wynn, K. (2000). Origins of numerical knowledge. Invited Awards Address at the *American Psychological Association* Annual Convention, Washington D.C., Aug 04.
- Wynn, K. (2000). Psychological foundations of numerical thought. Presentation at the *Ecole Normal Supérieure de Paris* conference for the World Mathematical Year 2000, "Mathematics and Philosophy", Paris, May 22-27.
- Wynn, K. (1999). Some surprising limitations to infants' reasoning about objects: Object-tracking processes and infants' appreciation of object principles. Presentation at the *Rutgers University* Symposium on Learning II: "Object Cognition: Underlying Mechanisms and their Origins", Rutgers University Center for Cognitive Science, May 21-22.
- Wynn, K. (1997). Infants' numerical competence really is numerical: Evidence from "zero". Presentation at the Workshop on the Cognitive Neuropsychology of Number, *University College London*, Dec 6.
- Wynn, K. (1997). Infants and intentionality. Presentation at the Symposium on Developmental Processes in Early Social Cognition, *University of Michigan*, Apr 26.
- Wynn, K. (1995). An unlearned system of numerical knowledge. Presentation at *The Jane Goodall Foundation* Annual "Chimpanzee" Conference on Primate Cognition & Behavior, Tucson, Oct 31.
- Wynn, K. (1995). An unlearned system of numerical knowledge. Invited Keynote Address to the *International Conference on Language and Mathematical Thinking: Current Issues in Developmental, Neuropsychological and Educational Research*, London, Sep 27-28.
- Wynn, K. (1995). Numerical Competence in Infancy. Presentation at the *Institute of Cognitive and Decision Sciences* Workshop, "Cognitive Neuroscience and Education", University of Oregon, Eugene, Oregon, Jun 2-5.
- Wynn, K. (1994). Origins of numerical knowledge. Presentation at the International Interdisciplinary Workshop on Mathematical Cognition, "Concepts of Number and Simple Arithmetic", at the *Scuola Internazionale Superiore di Studi Avanzati*, Trieste, Dec 10-14.
- Wynn, K. (1994). Numerical competence and development in infants. Presentation at the Annual Meeting of the *Arizona Psychological Association*, Tucson, Oct 7-9.
- Wynn, K. (1994). Representations of number and other quantities in infants. Presentation at the *University of Toronto Annual Psychology Symposium: 1994* topic, "Object and event representation in infancy", Toronto, Mar 25.
- Wynn, K. (1994). Biological constraints on number concepts. Presentation at the *Flinn Foundation Biomedical Research Symposium: Arizona Biomedical Research '94*, Phoenix, Mar 11-12.
- Wynn, K. (1993). Evidence for unlearned numerical competence. Invited Address to the *Western Psychological Association/Rocky Mountain Psychological Association Joint Convention*, Phoenix, Apr 23-25.

***Submitted Conference Presentations***

- Wynn, K. (2014). Organizer/Chair, Symposium on *Disliking the Other: Understanding the Roots of Bias and Discrimination*, for the Biennial Meeting of the International Conference on Infant Studies, July 3-6, Berlin.
- Wynn, K. (2014). "A matter of opinion": An early bias for same-thinking others. Paper presented at the Biennial Meeting of the International Conference on Infant Studies, July 3-6, Berlin
- Tasimi, A. & Wynn, K. (2014). Infants Avoid the Bad Guy at a Cost. Poster presented at the Annual CEU Conference on Cognitive Development, Budapest.
- Wynn, K. (2013). Moral and Immoral Social Judgments in The First Year of Life: The Good, the Bad, and the Ugly. Paper presented at the Biennial Conference of the Society for Research in Child Development, April 18-20, Seattle.
- Sheskin, M, Bloom, P, & Wynn, K (2013). Fairness and Advantage-Seeking in Young Children. Paper to be presented at the Biennial Conference of the Society for Research in Child Development, April 18-20, Seattle.
- Tasimi, A & Wynn, K (2013). Evaluating the Strength of Early Social Preferences: Do Infants Avoid the Bad Guy at a Cost, and Over Time? Poster to be presented at the Biennial Conference of the Society for Research in Child Development, April 18-20, Seattle.
- Wertz, A & Wynn, K (2013). Thyme to Touch: 8- to 18-Month-Old Infants Show a Reluctance to Touch Plants. Poster to be presented at the Association for Psychological Science Annual Convention, May 23-26, Washington DC.
- Wertz, A & Wynn, K (2013). Selective Social Learning of Plant Edibility in Human Infants. Paper to be presented at the Association for Psychological Science Annual Convention, May 23-26, Washington DC.
- Pietraszewski, D & Wynn, K (2013). Coalition-savvy in the crib: cues of group size impact decisions to impose costs or confer benefits at 21 months. Paper to be presented at the Association for Psychological Science Annual Convention, May 23-26, Washington DC.
- Wertz, A. & Wynn, K. (2012). Social learning of plant edibility in 6- and 18-month-old infants. Paper presented at the Annual Conference of the Human Behavior and Evolution Society, June 13-17, Albuquerque.
- Pietraszewski, D., Horwitz, S. & Wynn, K. (2012). Eight-month-old infants assess and value resource acquisition potential in third parties. Paper presented at the Annual Conference of the Human Behavior and Evolution Society, June 13-17, Albuquerque.
- Pietraszewski, D., & Wynn, K. (2012). Coalitional psychology in the crib: Group size impacts social evaluation at 7 months and decisions to impose costs or confer benefits at 21 months. Paper presented at the Biennial Meeting of the International Conference on Infant Studies, Minneapolis, June 8-11.
- Wertz, A. & Wynn, K. (2012). Thyme to touch: 8- to 18-month-old infants show a reluctance to touch plants. Poster presented at the Biennial Meeting of the International Conference on Infant Studies, Minneapolis, June 8-11.
- Martin, A. & Wynn, K. (2012). Babies Prefer Truth-Tellers. Poster presented at the Biennial Meeting of the International Conference on Infant Studies, Minneapolis, June 8-11.
- Lieberman, Z., Mahajan, N., Hamlin, K., & Wynn, K. (2011). The Friend of my Friend is my Friend: Infants Use an Actor's Group Membership to Evaluate Novel Characters. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Montreal, March 31- April 2, 2011.
- Hamlin, J.K., Wynn, K., Bloom, P., & Mahajan, N. (2011). Evidence for Moral Development in the First Year of Life: 8-Month-Olds, But Not 5-Month-Olds, Prefer Third-Party Punishers. Paper presented at the Biennial Meeting of the Society for Research in Child Development, Montreal, March 31- April 2, 2011.

- Pietraszewski, D., & Wynn, K. (2011). Evidence of a Core Inference of Group Psychology in Preverbal Infants. Paper presented at the Biennial Meeting of the Society for Research in Child Development, Montreal, March 31- April 2, 2011.
- Horwitz, S.R. & Wynn, K. (2011). Infants' Sensitivity to Social Status. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Montreal, March 31- April 2, 2011.
- Sheskin, M., Bloom, P. & Wynn, K. (2010). Developmental origins of altruistic punishment. Paper presented to the Four College Conference at NYU, New York, April 16.
- Hamlin, J.K., Mahajan N., & Wynn, K. (2010). The enemy of my enemy is my friend: infants interpret social behavior in context. Paper presented at the Biennial Meeting of the International Conference on Infant Studies, Baltimore, March 10-14.
- Mahajan, N. & Wynn, K. (2010). Developmental Origins of Ingroup Bias: Early Attitudes Towards Similar and Dissimilar Others. Paper presented at the Biennial Meeting of the International Conference on Infant Studies, Baltimore, March 10-14.
- Mahajan, N., Wynn, K. & Bloom, P. (2010). Expectations about reciprocal behavior: Studies with 10-month-old infants. Poster presented at the Biennial Meeting of the International Conference on Infant Studies, Baltimore, March 10-14.
- Hamlin, J.K., Mahajan N., & Wynn, K. (2010). The enemy of my enemy is my friend: infants interpret social behavior in context. Paper presented at the Annual Meeting of the Society for Personality and Social Psychology, Las Vegas, January.
- Mahajan, N., Hamlin, K., & Wynn, K. (2009). How Should My Ingroup Behave? 12-month-olds' Expectations About The Social Behaviors Of Ingroup And Outgroup Members. Poster presented at the Annual Meeting of the Cognitive Development Society, San Antonio, Oct 16.
- Hamlin, J.K., Mahajan, N., & Wynn, K. (2009). Infants reason differently about similar and dissimilar others. Talk presented at the Annual Meeting of the Cognitive Development Society, San Antonio, October.
- Hamlin, J., Wynn, K., & Bloom, P. (2009). Twenty-month-olds reward prosocial others; punish antisocial others. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Denver, April 2-4.
- Hamlin, J. & Wynn, K. (2009). Sixteen-month-olds match the food preferences of prosocial others; not antisocial others. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Denver, April 2-4.
- Mahajan, N. & Wynn, K. (2009). Minimal groups in infancy. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Denver, April 2-4.
- Wynn, K. (2008). Babies' responses to potentially threatening people. Paper presented at the Biennial Meeting of the International Conference on Infant Studies, Vancouver, April 2008.
- Hamlin, J.K. & Wynn, K. (2008). Infants prefer those who act prosocially: Further evidence. Poster presented at the Biennial Meeting of the International Conference on Infant Studies, Vancouver, April 2008.
- Hamlin, J.K., Wynn, K., & Bloom, P. (2008). Origins of social evaluation. Paper presented at the Biennial Meeting of the International Conference on Infant Studies, Vancouver, April 2008.
- Cherries, E. W. & Wynn, K. (2007). Supports and constraints on infants' object representations. Paper presented at the N-SRCD Preconference, Boston, March 28.
- Hamlin, J., Wynn, K., & Bloom, P. (2007). Moral evaluation by preverbal infants. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Boston, March 29-April 01.
- Hamlin, K., Santos, L., Wynn, K., & Bloom, P. (2007). Attribution of dispositional states by rhesus macaques. Poster presented at the Biennial Meeting of the Society for Research and Child Development, Boston, March 29-April 01.

- Herrmann, P., Newman, G., & Wynn, K. (2007). Infants bias intrinsic features to predict an object's future behavior. Poster presented at the Biennial Meeting of the Society for Research and Child Development, Boston, March 29-April 01.
- McCrink, K., & Wynn, K. (2007). Operational Momentum: An interaction of number and space in young infants. Poster presented at the Biennial Meeting of the Society for Research and Child Development, Boston, March 29-April 01.
- Melamed, K., Hamlin, K., Newman, G., & Wynn, K. (2007). 8-month-old infants infer unfulfilled goals, despite contrary physical evidence. Poster presented at the Biennial Meeting of the Society for Research and Child Development, Boston, March 29-April 01.
- Newman, G., Keil, F., Wynn, K. (2007). Inferring agents from deviations in regularity. Poster presented at the Biennial Meeting of the Society for Research and Child Development, Boston, March 29-April 01.
- Newman, G., Cheries, E., Wynn, K. (2007). Tracking agents' dispositions: Surface features or spatiotemporal cues? Poster presented at the Biennial Meeting of the Society for Research and Child Development, Boston, March 29-April 01.
- Yamaguchi, M., Kuhlmeier, V., Wynn, K., & vanMarle, K. (2006). Infant social cognition tasks, not nonsocial tasks, correlate with preschool social cognition. Poster presented at the Annual Conference of the American Psychological Society, May 26-28.
- Wynn, K. (2006). Social evaluation (and categorization?) in infancy. Paper presented at the Annual Meeting of the Society for Personality and Social Psychology, Palm Springs, January 26.
- Wynn, K. & LaFrance, M. (2005). Coy smiling in infants: An affiliation/appeasement signal? Poster presented at the Biennial Meeting of the Society for Research in Child Development, Atlanta, April 7-10.
- Newman, G., Kuhlmeier, V., Keil, F., & Wynn, K. (2005). 12 Month-Olds Know That Agents Defy Entropy: Exploring the Relationship Between Order and Intentionality. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Atlanta, April 7-10.
- Kuhlmeier, V., Wynn, K., Bloom, P., & DeCoste, C. (2005). What Makes a Ball an Agent? Infants' Detection of Goal-Directed Entities. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Atlanta, April 7-10.
- McCrink, K., & Wynn, K. (2005). Large Number Addition and Subtraction by 9-Month-Old Infants: Calculating Distant and Close Outcomes. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Atlanta, April 7-10.
- McCrink, K., & Wynn, K. (2005). Analog Magnitudes and Numerical Operations During Infancy. Paper presented at the Biennial Meeting of the Society for Research in Child Development, Atlanta, April 7-10.
- Mitroff, S., Wynn, K., & Scholl, B. (2005). Exploring Persisting Object Representations With Infants and Adults. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Atlanta, April 7-10.
- Mitroff, S., Wynn, K., & Scholl, B. (2004). 'Bouncing vs. streaming' as a measure of infants' dynamic object individuation. Poster presented at the International Conference on Infant Studies, Chicago, May 5-8.
- Kuhlmeier, V., Bloom, P., & Wynn, K. (2004). Five-month-olds do not see humans as material objects. Poster presented at the International Conference on Infant Studies, Chicago, May 5-8.
- Kuhlmeier, V., Wynn, K., & Bloom, B. (2004). Reasoning about present dispositions based on past interactions. Paper at the International Conference on Infant Studies, Chicago, May 5-8.
- McCrink, K., & Wynn, K. (2004). Large number addition and subtraction by human infants. Poster presented at the International Conference on Infant Studies, Chicago, May 5-8.
- McCrink, K., & Wynn, K. (2004). Ratio abstraction by human infants. Poster presented at the International Conference on Infant Studies, Chicago, May 5-8.



- Cherries, E., Wynn, K., Scholl, B. (2004). Limits on the number of active object indexes in infancy. Poster presented at the International Conference on Infant Studies, Chicago, May 5-8.
- VanMarle, K., & Wynn, K. (2004). Infants' ordinal judgements: choosing the larger of two continuous quantities. Poster, International Conference on Infant Studies, Chicago, May 5-8.
- Mitroff, S., Scholl, B., & Wynn, K. (2003). The relationship between object files and conscious perception. Poster presented at the annual meeting of the Vision Science Society, Tampa, May.
- Cherries, E. & Wynn, K. (2003). Number not volume: Infants use property contrasts for quantifying objects. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Tampa, April 24-27.
- Kuhlmeier, V. & Wynn, K. (2003). Infants' understanding of intentionality: When, how, how much? Poster presented at the Biennial Meeting of the Society for Research in Child Development, Tampa, April 24-27.
- Kuhlmeier, V., Wynn, K., & Bloom, P. (2002). Infants attribute dispositional states to agents. Poster presented at the International Conference on Infant Studies, Toronto, April 18-21.
- vanMarle, K. & Wynn, K. (2002). 7-month-olds' sensitivity to number in the auditory domain. Poster presented at the International Conference on Infant Studies, Toronto, April 18-21.
- Wynn, K. (2002). Discussant on symposium, "The Development of Numerical Knowledge," at the International Conference on Infant Studies, Toronto, April 18-21.
- vanMarle, K. & Wynn, K. (2002). Young children's sensitivity to magical events. Poster presented at the International Conference on Infant Studies, Toronto, April 18-21.
- Wynn, K., vanMarle, K., & DeCoste, C. (2001). Duration Discrimination in 6-month-olds: Implications for Theories of Early Numerical Cognition. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Minneapolis, April 19-22.
- VanMarle, K. & Wynn, K. (2001). Preschoolers' Detection of Magical Events. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Minneapolis, April 19-22.
- Wynn, K. (2000). Numerical Cognition in Infants: Evidence for a Dedicated Number Mechanism. Paper presented at the International Conference on Infant Studies, Brighton, July 16-19.
- Wynn, K. (2000). Discussant on symposium, "Reasoning about Function: Perspectives from Infant, Preschool and Non-human Primate Research," at the International Conference on Infant Studies, Brighton, U.K., July 16-19.
- Wynn, K. (2000). Discussant on symposium, "The Development of Object Individuation in Infancy," at the International Conference on Infant Studies, Brighton, U.K., July 16-19.
- Sharon, T. & Wynn, K. (2000). Mechanisms for parsing motion: The role of tangent discontinuities in infants' individuation of actions. Poster presented at the International Conference on Infant Studies, Brighton, U.K., July 16-19.
- Wynn, K. (1999). Infants' knowledge of object principles: The role of object-tracking processes. Paper presented at the Biennial Meeting of the Society for Research in Child Development, Albuquerque, April 15-18.
- Wynn, K., & Chiang, W.-C. (1999). Countable individuals: Infants' individuation of collective entities. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Albuquerque, April 15-18.
- Chiang, W.-C., & Wynn, K. (1998). Infants' representation of objects: Evidence from collections. Poster presented at the Biennial Meeting of the International Conference on Infant Studies, Atlanta, April 2-5.
- Wynn, K. (1998). Arguments against non-numerical accounts of infants numerical competence. Paper presented at the Biennial Meeting of the International Conference on Infant Studies, Atlanta, April 2-5.

- Wynn, K., & Chiang, W-C. (1998). Limits to object knowledge in 8-month-olds. Poster presented at the Biennial Meeting of the International Conference on Infant Studies, Atlanta, April 2-5.
- Chiang, W. & Wynn, K. (1997). Infants track and reason about collections differently from individual objects. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Washington D.C., April 3-6.
- Sharon, T. & Wynn, K. (1997). Infants' individuation and enumeration of heterogeneous action sequences. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Washington D.C., April 3-6.
- Chiang, W. & Wynn, K. (1996). Understanding of collections in 8-month-olds. Poster presented at the International Conference on Infant Studies, Rhode Island, April 19-21.
- Wynn, K. (1995). Individuation and quantification in infants. Paper presented at the Biennial Meeting of the Society for Research in Child Development, Indianapolis, Mar 30-Apr 02.
- Wynn, K. (1993). Infants' ability to compute numerical transformations. Paper presented at the Biennial Meeting of the Society for Research in Child Development, New Orleans, Mar 25-28.
- Bloom, P., Wynn, K. & Kemtes, K. (1992). Acquisition of quantifier meanings. Paper presented at the Annual Boston University Conference on Language Development, Oct 23-25.
- Wynn, K. (1991). Psychological evidence against empiricist theories of mathematical knowledge. Paper presented at the Annual Meeting of the Society for Philosophy and Psychology, San Francisco, June 9-11.
- Wynn, K. (1991). Children's acquisition of the meanings of number words. Paper presented at the Biennial Meeting of the Society for Research in Child Development, Seattle, April 18-20.
- Wynn, K. (1991). Counting and children's representation of number. Paper presented at the Biennial Meeting of the Society for Research in Child Development, Seattle, April 18-20.
- Wynn, K. (1989). The origins of counting principles. Paper presented at the Biennial Meeting of the Society for Research in Child Development, Kansas City, April 27-30.
- Wynn, K. (1989). Acquisition of the cardinality principle. Paper presented at the 60th Annual Eastern Psychological Association conference, Boston, March 30 - April 2.

### ***Invited Colloquia***

- Harvard University Humanities Center Seminar, 2015
- Columbia University Seminars, 2014
- University of Missouri-Columbia; Psychology Distinguished Speaker Series, 2014
- Dartmouth College, Department of Psychology, Colloquium, 2014
- Princeton University/Rutgers University/U Pennsylvania Seminar on Moral Cognition, 2013
- Yale University, Language and Brain Lab, invited talk, 2012
- Yale University, Convening Yale: Tea at the School of Management Speaker Series, 2012
- New York University, Social Psychology Colloquium, 2012
- University of Pennsylvania Institute for Research in Cognitive Science, 2012
- Brown University, Dept of Psychology Social & Cognitive Psychology Speaker Series, 2011
- Duke University, Department of Psychology Colloquium Series, 2011
- Columbia University, Department of Psychology Colloquium Series, 2009
- Quinnipiac University, Department of Psychology Annual Colloquium, 2009
- University of Maryland, Cognitive Science Colloquium Series, 2009
- New York University, Department of Psychology, 2008
- University of British Columbia, Department of Psychology, 2008
- Yonsei University, Department of Psychology, Seoul, Korea 2006
- Korea University, Faculty Address, 2006
- University of Arizona, Department of Psychology, 2005

Harvard University, Department of Psychology, 2005  
University of Connecticut, Department of Psychology, 2005  
Yale University, Mind Brain Culture & Consciousness Seminar, 2005  
McGill University, Department of Psychology, 2004  
Brown University, Department of Human Development, 2004  
Vassar College, Department of Psychology, 2003  
Massachusetts Institute of Technology, Dept. Brain & Cognitive Sciences, 2002  
Northeastern University, Department of Psychology, 2002  
Yale University Behavioral Neuroscience Speaker Series, 2001  
Rutgers University Department of Cognitive Science, 2001  
Harvard University Psychology Department Seminar, 2000  
Brown University Department of Cognitive and Linguistics Sciences, 2000  
University of Massachusetts - Amherst Five-College Cognitive Science, 2000  
University of Pennsylvania Institute for Research in Cognitive Science, 2000  
Columbia University Seminar on the Psychobiology of Animal Cognition, New York, 2000  
Yale University Developmental Brown Bag Speaker Series, New Haven, 1999  
NYU Developmental Psychology Lab Meeting Series, New York, 1999  
Stanford University Developmental Psychology Brown Bag Series, Palo Alto, 1998  
Stanford University Psychology Department Colloquium Series, Palo Alto, 1998  
University of Arizona Cognitive Science Series, Tucson, 1998  
Yale University Psychology Department, New Haven, 1998  
Birkbeck College Psychology Department, London, 1998  
Oxford University Cognitive Science Seminar Series, Oxford, 1998  
University of Portsmouth Psychology Department Seminar Series, Portsmouth, 1998  
London Institute of Education Seminar Series, London, 1998  
Birkbeck College Psychology Department Language Research Seminar, London, 1998  
Oxford University Psychology Department Colloquium Series, Oxford, 1998  
University College London Department of Psychology Colloquium Series, London, 1998.  
Laboratoire des Science Cognitives et Psycholinguistique and INSERM, Paris, 1998  
Royal Holloway College Department of Psychology Colloquium Series, London, 1997  
Essex University Department of Psychology Colloquium Series, 1997  
University of Exeter Department of Psychology Colloquium Series, 1997  
Medical Research Council Cognitive Development Unit Colloquium, London, 1997  
Medical Research Council Cognitive Development Unit Scientific Meeting, London, 1997  
University of Arizona Department of Family Studies Colloquium Series, 1996  
Medical Research Council Cognitive Development Unit, London, 1995.  
Laboratoire des Sciences Cognitives et Psycholinguistiques, Paris, 1994  
Max Planck Institut für Psycholinguistik, Nijmegen, 1994  
Medical Research Council Cognitive Development Unit, London, 1994  
University of New Mexico Depts of Psychology & Linguistics, Albuquerque, 1994  
University of Chicago Harris Center for Developmental Studies, Chicago, 1991  
University of Arizona Cognitive Science Colloquium Series, 1991  
Cornell University Department of Psychology Colloquium Series, Ithaca, NY, 1990  
Massachusetts General Hospital Neurolinguistics Laboratory, Boston, 1990.  
Northwestern University Department of Psychology Colloquium, Evanston, 1990  
University of Arizona Department of Psychology Colloquium Series, Tucson, 1990  
University of Rochester Department of Psychology Colloquium, Rochester, 1990