

# CURRICULUM VITAE

**Kim A. Bard, Ph.D.**

Professor in Comparative Developmental Psychology  
Director, Centre for the Study of Emotion  
Department of Psychology  
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## PROFESSIONAL EXPERIENCE

- 2008 - present    **Professor of Comparative Developmental Psychology**  
Department of Psychology, University of Portsmouth
- 2002 – present    **Director, Centre for the Study of Emotion,**  
Faculty of Science, University of Portsmouth
- 2002 - 2008    **Reader in Comparative Developmental Psychology**  
Department of Psychology, University of Portsmouth
- 1999 – 2002    **Senior Lecturer**  
Department of Psychology, University of Portsmouth
- 1998 – 1999    **Senior Fellow**  
Psychology Department, Emory University
- 1996 – 1999    **Research Scientist**  
Behavioral Perinatology Laboratory, Psychology Department,  
Emory University
- 1996 – 1999    **Research Scientist**  
Clinical Developmental and Applied Research Program,  
Human and Behavioral Genetics Research Laboratory,  
Department of Psychiatry and Behavioral Sciences,  
Emory University School of Medicine
- 1992 - 1996    **Research Scientist**  
Yerkes Regional Primate Research Center, Emory University
- 1989    **Post-doctoral Fellowship**  
National Institutes of Child Health and Human Development,

Laboratory of Comparative Ethology, Bethesda, MD  
Yerkes Regional Primate Research Center, Emory University  
Drs. S.J. Suomi, and F.A. King, co-sponsors

- 1988           **Post-doctoral Fellowship**  
Department of Developmental Psychobiology,  
Max Planck Institute for Psychiatry, Munich, FRG  
Drs. Hanuš and Mechthild Papoušek
- 1987 - 1991    **Associate Scientist**  
Yerkes Regional Primate Research Center, Emory University

## EDUCATION

- 1988           **Ph.D.**, Developmental/Comparative Psychology  
Georgia State University, Atlanta, Georgia 30303  
Director: Dr. Roger Bakeman
- 1981           **M.A.**, Psychology (passed oral defense "With Distinction")  
Georgia State University, Atlanta, Georgia 30303  
Director: Dr. Duane M. Rumbaugh
- 1976           **B.A.**, Psychology (with Honors), Dean's List  
Wheaton College, Norton, Massachusetts 02766  
Director: Dr. Judith Sims-Knight

## HONORS, SMALL GRANTS, AND AWARDS

(£27,098 = total funds awarded since 2000)

- 2006 Royal Society Conference Grant, IACCP, Spetses, Greece (£1000)
- 2006 Research Committee, Portsmouth Psychology Department, Small Grants fund, to establish collaboration with Prof Sally Boysen, Comparative Cognition Project, Ohio State University, Columbus Ohio, USA (£1000)
- 2006 Research Committee, Portsmouth Psychology Department, RAE enhancement fund, 6-weeks mini-sabbatical (£1000)
- 2006 Research Committee, Portsmouth Psychology Department, small grants fund, to collect observations of young infant chimpanzees from Chester Zoo (£1000)
- 2005 MSc fees-only bursary, Psychology Department, University of Portsmouth, for Kate Thorsteinsson for 1+3 PhD, K.A. Bard first supervisor (£3,200)
- 2005 Royal Society Conference grant, SRCD, Atlanta, GA USA (£1000).
- 2004 Research Committee, Portsmouth Department of Psychology, Visiting Scholars fund, a 7-day research study visit from Dr. Christine Johnson,

Department of Cognitive Sciences, University of California, San Diego, CA USA (£1,000)

- 2004 Research Committee, Undergraduate Research Bursary for Lori Furniss, project entitled "Facial movement in response to emotional expressions of human and chimpanzee infants" (£1650)
- 2004 The Royal Society Conference Fund, ICIS, Chicago, IL 5-8 May, 2004 (£864).
- 2003 Visiting Scholars Grant, Research Committee, Department of Psychology, University of Portsmouth, to fund a 10-day research study visit from Dr. Fernandez-Carriba, Research Fellow, Emory Autism Center, Emory University, Atlanta, GA USA (£1,000)
- 2003 Small Grant fund, Research Committee, Department of Psychology, for write-up of paper on 'Eye gaze patterns in chimpanzees: reliable signals detectable by human observers' (£942)
- 2004 Erasmus (Socrates) Teacher exchange with Dr. Marina Vancatova, Charles University, Prague, Czech Republic (~£2000 for 2004/5).
- 2003 The Nuffield Foundation, Undergraduate Research Bursary on project entitled "Eye gaze patterns in 1-year-old chimpanzees", (£1,600)
- 2002 Research Committee, Department of Psychology, Travel Grant, University of Portsmouth for meeting at the New York Academy of Sciences, The Rockefeller University, New York, 16-17 November 2002 (£900)
- 2002 Travel Grant, Research Committee, Department of Psychology, University of Portsmouth for presentation at the International Society for Research on Emotions, Cuenca Spain (£775).
- 2002 The Royal Society Conference Fund, for presentations at the International Conference on Infant Studies, and American Association for Physical Anthropology, Toronto CA, and Buffalo, NY, US (£972).
- 2001 The Nuffield Foundation, Undergraduate Research Bursary on project entitled 'Emotional expression of infant chimpanzees'. (£1,345).
- 2001 The British Council, funding for travel and extended visit to Primate Research Institute, Kyoto University (£3,500).
- 2001 Travel Grant, Psychology Department, University of Portsmouth (£700)
- 2000 The Royal Society Conference Fund, ASP, Boulder, CO US (£950)
- 2000 Associate Fellow of the British Psychological Society
- 2000 Council Member - The Primate Society of Great Britain.

- 2000 Research grant for summer Research Assistant, Psychology Department, University of Portsmouth
- 2000 Travel Grant, Psychology Department, University of Portsmouth (£700)
- 1998 Certified Examiner of the Neonatal Behavioral Assessment Scale.
- 1992 NSF Travel Grant, presentation at International Primatological Society Meeting in Strasbourg, France
- 1989 Bilateral Italy-USA Travel Grant to Dr. E. Visalberghi, Consiglio Nazionale delle Ricerche, to conduct collaborative research project on development of tool-use.
- 1988 Post-doctoral Fellowship; with Drs. Hanuš and Mechthild Papoušek, Department of Developmental Psychobiology, Max Planck Institute for Psychiatry, Munich, FRG
- 1986 NSF Travel Grant, to attend an invited 3-day Pre-Congress Workshop, and give a presentation at the XIth Congress International Primatological Society in Göttingen, Germany.
- 1982 American Society of Primatologists, Student Prize
- 1982 L.S.B. Leakey Foundation Research Award for Ph.D. research in Indonesia (\$5000)

## LARGE GRANTS

### Research Grants (£435,517 total funds awarded since 2001)

- 2006 EU-FP6-2005-IST-6, a STREP proposal entitled “FEELIX GROWING: FEEL, Interact, eXpress: a Global approach to development With INterdisciplinary Grounding”, Project leader Dr. Lola Canamero, University of Herfordshire (total costs 2,549,500 euros), Bard is the PI for UoP participation (£162,913 for Portsmouth over 3.5 years).
- 2002 Science Research Infrastructure Funding, bid for Psychology Research Laboratory Complex, (£130,000 – awarded from Teaching Capital funds)
- 2002 The Leverhulme Trust, Research Interchange Grant entitled “Chimpanzee Emotions: Development of a facial action coding system” (£128,031).
- 1998 Co-investigator, Maternal Substance Abuse: School-age follow-up, with Dr. Claire Coles, NIDA-. Total direct costs (1999-2004) = \$1,000,000.
- 1997 Senior Fellowship, National Institutes of Child Health and Human Development, HD-08274. Total direct costs (1998-1999) = \$81,568
- 1990 Principal Investigator, Behavioral Interventions for Nursery-reared

Chimpanzees with Dr. Brent Swenson, NCRR-06158. Total direct costs (1990-1995) = \$529,547

1990 Co-investigator, Behavioral Research on National Chimpanzee Breeding and Research Program with Dr. Brent Swenson, NCRR-03591. Total direct costs (1990-1995) = \$3,149,211

### Studentships & Fellowships (£351,000 total awarded since 2001)

- 2007 ESRC Postdoctoral Research Fellowship for Sarah Knight, entitled "Human rights versus animal wrongs? It all depends....: Explaining disparate attitudes toward animals and how they are used". (KA Bard, mentor: total costs ~ £60,000)
- 2005 ESRC +3 Studentship for Kirsty Brown, 2005 -2008 (£45,000), K.A. Bard first supervisor.
- 2005 ESRC 1+3 Studentship for Jacqueline Lock, 2005 - 2009 (£65,000), K.A. Bard, second supervisor
- 2004 ESRC +3 Studentship for Emily Bethell, 2004 - 2007, (£39,000) K.A. Bard first supervisor (declined)
- 2004 ESRC +3 Studentship for Lisa Lane, 2004 - 2007, (£39,000) K.A. Bard first supervisor.
- 2004 MSc Bursary, Research Committee, Department of Psychology, University of Portsmouth, for Isobel Scott, 2004-2005, (£14,000), K.A. Bard first supervisor.
- 2004 Daphne Jackson Fellowship, Post-doctoral Grant for Dr. Gilly Forrester, with D. Leavens (University of Sussex) and K.A. Bard as co-supervisors (£50,000).
- 2003 ESRC +3 Studentship for Sarah Knight, 2003 – 2006, K.A. Bard Second supervisor (£39,000)
- 1989 Public Health Service Fellow (Post-doctoral Fellowship), National Institute of Child Health and Human Development, HD-07105, Total direct costs = \$18,000

## PROFESSIONAL ACTIVITIES

### National & International Committees

Scientific Programme Committee, for the 2008 biannual meeting of the International Primatological Society, 3-8 August 2008.

Social Development Panel, XVIth Biennial International Conference on Infant Studies, to be held Vancouver, BC, Canada 27-29 March 2008

The British Association for the Advancement of Science, Psychology Section,  
Ordinary Committee Member, 2003 – 2006

Captive Care Working Party, Primate Society of Great Britain, 2003 - 2006

AFBPsS, British Psychological Society, since 2000

Council Member, Primate Society of Great Britain, 2000-2003

### International Scientific Boards

International Scientific Advisory Board (proposed- March 2009), ALIZ-E Project

Science, Research, & Practice Advisory Board, Down Syndrome Educational Trust,  
UK, 2007- present

Mangold International Scientific Council, 2007- present

### Editorial Duties

**Associate Editor**, *British Journal of Psychology*, 2007 - present

**Co-editor** with Randy Cornelius, *Emotion Researcher* (Official Newsletter of the  
International Society for Research on Emotions), 2004 – 2007

#### **Editorial Boards:**

*International Journal of Comparative Psychology*, Editorial Board, 2006 - present

*Primates* (an international journal of ethology and comparative psychology), Advisory  
Board, 1996 - present

*Infancy* (official journal of the International Society for Infant Studies), Editorial  
Board, 1999 - 2007

#### **Ad hoc reviewer:**

*American Journal of Primatology; Animal Cognition; Animal Behaviour; Applied  
Animal Behaviour Science; Behaviour; Behavioural Brain Research; Child  
Development; Cognition, Brain, and Behavior; Cognition and Emotion; Cognitive  
Development; Current Biology, Developmental Neuropsychology; Developmental  
Psychobiology; Developmental Science; Emotion; Folia Primatologica; Infant  
Behavior and Development; Infant and Child Development; International Journal of  
Primatology; Journal of Medical Primatology; Journal of Comparative Psychology;  
Journal of Cross Cultural Psychology; Journal of Personality and Social Psychology;  
Journal of Nonverbal Behavior; Neuroscience & Biobehavioral Review; Plos Biology;  
Proceedings B of the Royal Society; Topics in Cognitive Science; Trends in  
Cognitive Science; Zoo Biology*

**Grant reviewer:**

National Science Foundation (NSF)  
The Leverhulme Trust  
The Royal Society  
British Academy  
B-start National Institute of Mental Health (NIMH)  
L.S.B. Leakey Foundation  
Central Research Fund  
Economic and Social Research Council (ESRC)

**Rapporteur:**

Economic and Social Research Council (ESRC)

Reviewer for Cambridge University Press  
Reviewer for Oxford University Press

**PROFESSIONAL ACTIVITIES (ADMINISTRATION)**

Research Mentor, 2002 – present

Research Committee, 2002 – present

Postgraduate Degrees Committee, 2000 - present

Psychology Postgraduate Tutor, 2004 – 2006

Chair, Psychology Postgraduate Degrees Committee, 2004 – 2006

Faculty Research Degrees Committee, 2004 - 2006

Convenor, Visiting Speakers Programme, 2003 – 2005

Chair, Ethics Committee, Department of Psychology, 2000 – 2003

Chair, Science Faculty Sub-committee, University Research Ethics, 2001 -2003

Executive Committee - elected Staff Representative, 2000 - 2003

**POSTGRADUATE SUPERVISION**

**M.A.** On supervisory team

Yvette Veira (State University of New York at Stony Brook)  
Lisa Jones (New York University)  
Connie Russell (Georgia State University)

**MSc** Director of Studies (Portsmouth) - Katherine Kirk – completed 9/2002  
Director of Studies (Portsmouth) - Emily Bethell – completed 9/2003  
Director of Studies (Portsmouth) – Jani Ruotsalainen - completed 9/2003  
Director of Studies (Portsmouth) – Isobel Scott – completed 9/2005  
Director of Studies (Portsmouth) – Vanessa Maguire – completed 9/2005  
Supervisor (third- Portsmouth) – Monja Knoll – completed 9/2005  
Co-supervisor (University College London) - Sophie Bulbrook -9/2005  
Director of Studies (Portsmouth) – Kate Thorsteinsson – completed 9/2006  
Director of Studies (Portsmouth) – Dina Dosmahambetova completed 9/2007  
Director of Studies (Portsmouth) Jodi Pitt – completed 9/2008

**Ph.D.**

Director of Studies (Portsmouth) – Kirsty Brown (2005-2009)  
Director of Studies (Portsmouth) – Kate Thorsteinsson (2006-2009)  
Director of Studies (Portsmouth) – Vanessa Maguire (p/t, 2005-2011)  
Supervisor (second – Portsmouth) – Jackie Hillman (2005-2009)  
Supervisor (third – Portsmouth) – Ariel Beck (2007-2009)  
Supervisor (external- GA Tech, USA) – Andrea Clay

On supervisory team & completed

Lisa Lane (ESRC, Sept 2008 University of Portsmouth)  
Sid Carter (Sept 2006 University of Portsmouth)  
Sarah Knight (ESRC, Sept 2006 University of Portsmouth)  
Bridget Waller (Leverhulme Trust, Sept 2005, University of Portsmouth)  
Linda Brent (University of Texas, San Antonio, USA)

**Postdoctoral**

Dr. Sarah Knight, 2007-2008, funded by ESRC  
Dr. Marina Davila Ross, 2007-2010, funded by European Commission  
Dr. Bridget Waller, 2005-2006, funded by The Leverhulme Trust  
Dr. Gilly Forester, (Sussex), 2004-2006, funded by Daphne Jackson Trust  
Dr. Sarah-Jane Vick, 2002-2005, funded by The Leverhulme Trust

**Internal Examiner**

Gwenda Simons; MPhil (PhD Viva held 9 May 2003)  
Riccardo Draghi-Lorenz ; PhD (Viva held 21 May 2001)  
Harriet Whitmarsh ; transfer to MPhil March 2000

**External PhD Examiner** – Yvan Ilya Russell ‘Polyadic interactions and the understanding of reputations in chimpanzees’, Evolutionary Psychology & Behavioural Ecology Research Group, School of Biological Sciences, University of Liverpool. Viva 16 March 2007.

**External PhD Examiner** – Lorraine D’Souza, “Social learning in primates: Patterns and processes”, Department of Psychology, Goldsmiths College, University of London; Viva held 16 Dec 2005.

**External PhD Examiner** – Annika Paukner, “Secondary representational abilities in nonhuman primates”, Department of Psychology, Stirling University, Viva held 2 December 2005.

**External PhD Examiner** – Marie Bambury, "The planning strategies of captive western lowland gorillas at height: The implications for the evolution of cognition". Department of Biological Anthropology, University of Bristol. Viva held 7 January 2005

**External PhD Examiner** – Victoria Horner, "Causal information and social learning in chimpanzees (*Pan troglodytes*) and children (*Homo sapiens*)", Department of Psychology, University of St. Andrews; Viva 24 November 2003.

**External DPhil Examiner (with Robin Dunbar)**: Lucilla Spini, "Ethological and morphological approaches to the study of juvenile chimpanzees". Department of Biological Anthropology, University of Oxford. Viva 14 May 2002.

**External PhD Examiner**: Sarah-Jane Vick, "Approaches to studying gaze monitoring in nonhuman primates"; Department of Psychology, University of Stirling. Viva (oral examination) held on 23 November 2001.

## MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

American Society of Primatologists

Association for Psychological Science (formerly American Psychological Society)

Association for the Study of Animal Behaviour

British Psychological Society – Developmental Section

European Society for Developmental Psychology

International Primatological Society

International Society for Developmental Psychobiology

International Society for Human Ethology

International Society for Infant Studies

International Society for Research in Emotions

Primate Society of Great Britain

Society for Research in Child Development

## TEACHING EXPERIENCE

**Professor of Comparative Developmental Psychology, 2008 - present**

Personal Tutor for undergraduate students (6-10 students)

Project Supervisor -Year 3 Honours Research Dissertations (6-10 students)

Research Mentor for Staff colleagues (4-6 Colleagues)

Unit coordinator:

Special Topics in Comparative Developmental Psychology (Year 3 option)

Methods & Theory in the Study of Emotion (MSc 30 credit unit)

MSc project in The Study of Emotion pathway (MSc 60 credit unit)

Lecturing

Applications in Psychology

Consciousness – Self-awareness in nonhuman primates

Neonatal Development – Child Development

Attachment – Child Development

Development of Self-awareness – The Developing Person

Emotional intelligence – Personality & Individual Differences

**Reader in Comparative Developmental Psychology, 2002 – 2008**

Personal Tutor for undergraduate students (6-10 students)

Project Supervisor -Year 3 Honours Research Dissertations (6-10 students)

Research Mentor for Staff colleagues (4-6 Colleagues)

Unit coordinator:

Critical Consideration of Primate Cognition (Year 3 Option)

Emotions in Psychology (Year 3 Option)

Observational Methods in Psychological Research (MSc)

Methods & Theory in the Study of Emotion (MSc 30 credit unit)

MSc project in The Study of Emotion pathway

Lecturing

Ethics in Psychological Research for undergraduate and MSc students

Applications in Psychology

Consciousness – Self-awareness in nonhuman primates

Methods in the study of emotion – Psychological testing: Principles and applications

Observational skills – Research Skills II: Non-experimental methods

Neonatal Development – Child Development

Attachment – Child Development

Development of Self-awareness – The Developing Person

Emotional intelligence – Personality & Individual Differences

**Senior Lecturer**, University of Portsmouth, Spring 2000 - 2002

Unit coordinator: Personality and Intelligence: Theory and research, two practicals, weekly quizzes, and final exam (150 Year 1 students)

Unit coordinator: Critical Consideration of Primate Cognition, Year 3 Option

Personal Tutor for Year 1, Year 2, and Year 3 students

Project Supervisor -Year 3 Honours Research Dissertations (7 students)

Lecturing

Personality and Intelligence: Theory and research

Ethics in Psychological Research for undergraduate and MSc students

Applications in Psychology (for 100 Year 1 students)

Consciousness : Animal self-awareness

Observational methods: Research Skills II (150 Year 1 students)

**Part-time Instructor**, Spring 1996, Psychology Department,  
Georgia State University, Atlanta, GA. Taught: Developmental Psychology

**Part-time Instructor**, 1995 / 1996, Psychology Department,  
Georgia State University, Atlanta, GA. Taught: Developmental Psychology, and  
Introduction to Developmental /Social Psychology.

**Assistant Professor** of Psychology (part-time), 1994 -1996  
Agnes Scott College, Decatur, Georgia. Taught Senior Seminar: Contemporary  
Research in Psychology and Child Psychology.

**Part-time Instructor**, Winter & Spring 1993 Psychology Department,

Georgia State University, Atlanta, Georgia. Taught: Developmental Psychology.

**Visiting Professor**, Fall 1989, Comparative Psychology Department,  
Istituto de Psicologia, Consiglio Nazionale delle Recherche, Rome, Italy.

**Part-time Instructor**, Spring 1986, Psychology Department,  
Georgia State University, Atlanta, GA. Taught: Developmental Psychology.

**Visiting Professor**, Fall 1985, School of Psychology,  
Georgia Institute of Technology, Atlanta, Georgia. Taught: Developmental  
Psychology.

## PUBLICATIONS: PEER-REVIEWED ARTICLES

### **1. articles written, under review, or under revision**

Carter, S., Bard, K.A., Smith Pasqualini, M., Moore, R.M. (to be submitted to *Emotion*). The role of affect in emotion based learning: Positive affective enhances success in the Iowa Gambling Task.

Stafford, L.D., Ng, W., Moore, R.A. & Bard, K.A. (to be submitted to *Emotion*). Bolder, Happier, Smarter?: The role of extraversion in modulating the effect of positive mood on cognition.

Knight, S., Bard, K.A., Vrij, A., & Brandon, D. (under revision – Dec 2008). Human rights or animal wrongs? Attitudes, beliefs, and empathic feelings toward the use of animals for human benefit.

Lane, L, Bard, KA, Reddy, V. & Jolly, A. (under revision-Dec 2008). An affiliative basis for visual social monitoring in free ranging ring tailed lemurs (*Lemur catta*) at Berenty reserve, Madagascar.

Bard, KA, Bulbrook, S., Maguire, V., Veira, Y., Hayes, K., & McDonald, K (under revision). Developmental milestones in social skills and social 'manners' of young chimpanzees. *Journal of Nonverbal Behavior*

Leavens, D.A., Racine, T.P., & Bard, K.A. (under revision July 2008). The role of early experience in the development of intersubjectivity in humans and other apes.

Lane, L, Bard, KA, Reddy, V., & Jolly, A. (under revision – June 2008). The fluidity of visual social monitoring during birth and mating seasons in *Lemur catta* at Berenty Research, Madagascar.

### **2. Articles published from 2001 to present**

Beck, A., Stevens, B., Van De Walle, G., & Bard, K.A. (in press). Comparing perception of affective body movements displayed by actors and animated characters. *Proceedings of the AISB 2009 conference on Adaptive & Emergent*

*Behaviour and Complex Systems: Affective bodily expression.*

van IJzendoorn, M.H., Bard, K.A., Bakermans-Kranenburg, M.J. & Ivan, K. (2009). Enhancement of attachment and cognitive development of young nursery-reared chimpanzees in responsive versus standard care. *Developmental Psychobiology*, *51*, 173-185.

Bard, K.A. (in press). Development of emotional expression in chimpanzee and human infants. *Psychological Bulletin of Novosibirsk State University, Russia*.

Knight, S., Vrij, A., Bard, K., & Brandon, D. (in press). Science versus animal welfare: Understanding attitudes toward animal use. *Journal of Social Issues: New Perspectives on Human-Animal Interactions: Theory, Policy and Research*.

Beck, A., Stevens, B., & Bard, KA (2008). Extending the media equation to emotions: an approach for assessing realistic emotional characters. *Annual Review of CyberTherapy and Telemedicine, Volume 6 (summer)*, 29-33.

Bard, K.A. (2007). Neonatal imitation in chimpanzees (*Pan troglodytes*) tested with two paradigms. *Animal Cognition*, *10*, 233-242.

Waller, B., Bard, K.A. Vick, S-J., & Smith Pasqualini, M. (2007). Physical comparisons between chimpanzee and human facial expressions are related to emotional interpretation. *Journal of Comparative Psychology*, *121*, 398-404.

Parr, LA., Waller, BM, Vick, SJ, & Bard, KA (2007) Classifying chimpanzee facial displays by muscle action. *Emotion*, *7*, 172-181.

Bethell, E., Vick, S-J., & Bard, K.A. (2007). Measurement of eye gaze in chimpanzees (*Pan troglodytes*). *American Journal of Primatology*, *69*, 562-575.

Vick, S-J, Waller, B., Parr, L., Smith Pasqualini, M., & Bard, K.A. (2007). A cross species comparison of facial morphology and movement in humans and chimpanzees using FACS. *Journal of Nonverbal Behavior*, *31*, 1-20.

Bard, K.A., Todd, B., Bernier, C., Love, J., & Leavens, D.A. (2006). Self-awareness in human and chimpanzee infants: What is measured and what is meant by the mirror-and-mark test? *Infancy*, *9*, 185-213.

Waller, BM, Vick, SJ, Parr, LA, Bard, KA, Smith Pasqualini, MC, Gothard, KM, & Fuglevand, AJ. (2006). Intramuscular electrical stimulation of facial muscles in humans and chimpanzees: Duchenne revisited and extended. *Emotion*. *6*, 367-382.

Bard, K.A., Myowa-Yamakoshi, M., Tomonaga, M., Tanaka, M., Costall, A., & Matsuzawa, T. (2005). Group differences in the mutual gaze of chimpanzees (*Pan troglodytes*). *Developmental Psychology*, *41*, 616-624.

Leavens, D.A., Hopkins, W.D., & Bard, K.A. (2005). Understanding the point of chimpanzee pointing: Epigenesis and ecological validity. *Current Directions in*

*Psychological Science*, 14, 185-189.

O'Neill, M., Bard, K.A., Linnell, M., & Fluck, M. (2005). Maternal gestures with 20-month-old infants in two contexts. *Developmental Science*, 8, 352-359.

Bard, K.A., Leavens, D.A., Custance, D., Vančatova, M., Keller, H., Benga, O., & Sousa, C. (2005). Emotion cognition: Comparative perspectives on the social cognition of emotion. *Cognition, Creier, Comportament (Cognition, Brain, Behavior)*, Special Issue: "Typical and atypical development", VIII, 351-362.

Bard, K.A. (2004). What is the evolutionary basis for 'colic'? *Behavioral and Brain Sciences*, 27, 459.

Tomonaga, M., Tanaka, M., Matsuzawa, T., Myowa-Yamakoshi, M., Kosugi, D., Mizuno, Y., Okamoto, S., Yamaguchi, M., & Bard, K.A. (2004). Development of social cognition in infant chimpanzees (*Pan troglodytes*): Face recognition, smiling, gaze, and the lack of triadic interactions. *Japanese Psychological Research*, 46, 227-235.

Bard, K.A. (2003). Development of emotional expressions in chimpanzees (*Pan troglodytes*). *Annals of the New York Academy of Sciences*, 1000, 88-90. P. Ekman, J.J. Campos, R.J. Davidson, & F.B.M. de Waal (Eds) *Emotions Inside Out: 130 Years after Darwin's The Expression of the Emotions in Man and Animals*.

Bard, K.A. (2002). Developmental processes in empathy. *Behavioral and Brain Sciences*, 25, 25-26.

Bard, K.A. (2002). Should developmental psychologists imitate comparative psychologists? *Developmental Science*, 5, 14-15.

Bard, K.A., Platzman, K.A., Lester, B.M., & Suomi, S.J. (2001). Developpement neurobiologique et emotions chez les nouveau-nes chimpanzes et humains (Neurobehavioural integrity and emotions in chimpanzee and human neonates). *Enfance*, 3, 226-235.

Platzman, K.A., Coles, C.D., Lynch, M.E., Bard, K.A., & Brown, J.V. (2001). Assessment of the caregiving environment and infant functioning in polydrug families: Use of a Structured Clinical Interview. *Infant Mental Health Journal*, 22, 351-373.

### **3. articles published before 2001**

Hebert, P.L. & Bard, K.A. (2000). Orangutans' use of vertical space in a naturalistic exhibit. *Zoo Biology*, 19, 239-251.

Hopkins, W.D. & Bard, K.A. (2000). A longitudinal study of hand preferences in chimpanzees (*Pan troglodytes*). *Developmental Psychobiology*, 36, 292-300.

Bard, K.A., Coles, C.D., Platzman, K.A. & Lynch, M.E. (2000). The effects of prenatal drug exposure, terms status, and caregiving on arousal and arousal

modulation in 8-week-old infants. *Developmental Psychobiology*, 36, 194-212.

Coles, C.D., Bard, K.A., Platzman, K.A. & Lynch, M.E. (1999). Attentional response at eight weeks in prenatally drug-exposed and preterm infants. *Neurotoxicology and Teratology*, 21, 527-537.

Bard, K.A. (1998). Imitation and mirror self-recognition may be developmental precursors to theory of mind in human and nonhuman primates. *Behavioral and Brain Sciences*, 21, 115.

Bard, K.A. (1998). The roles of development and emotionality on lateral bias and hemispheric asymmetry: Introduction to the special section of Developmental Neuropsychology. *Developmental Neuropsychology*, 14, 443-444.

Bard, K.A. (1998). Neonatal neurobehavioral correlates of lateral bias and affect in infant chimpanzees (*Pan troglodytes*). *Developmental Neuropsychology*, 14, 471-494.

Russell, C.L., Bard, K.A., & Adamson, L.B. (1997). Social referencing by young chimpanzees (*Pan troglodytes*). *Journal of Comparative Psychology*, 111, 185-193.

Brent, L., Bramblett, C.A., Bard, K.A., Bloomsmith, M.A. & Blangero, J. (1997). The influence of siblings on wild infant chimpanzee social interaction. *Behaviour*, 134, 1189-1210.

Hopkins, W.D., Bard, K.A., & Griner, C. (1997). Locomotor adaptation and leading limb asymmetries in neonatal chimpanzees (*Pan troglodytes*). *International Journal of Primatology*, 18, 105-114.

Fragaszy, D.M. & Bard, K.A. (1997). Comparisons of development and life history in *Pan* and *Cebus*. *International Journal of Primatology*, 18, 683-701.

Whiten, A., Custance, D., Gomez, J.C., Teixidor, P., & Bard, K.A. (1996). Imitative learning of artificial fruit processing in children (*Homo sapiens*) and chimpanzees (*Pan troglodytes*). *Journal of Comparative Psychology*, 110, 3-14.

Jones-Engel, L.E. & Bard, K.A. (1996). Precision grips in young chimpanzees. *American Journal of Primatology*, 39, 1-15.

Bard, K.A. (1996). Les bases évolutionnistes de l'imitation: aspects sociaux, cognitifs et développementaux des processus imitatifs chez les primates non humains. *Enfance*, 1, 12-15.

Leavens, D.A., Hopkins, W.D., & Bard, K.A. (1996). Indexical and referential pointing in chimpanzees (*Pan troglodytes*). *Journal of Comparative Psychology*, 110, 346-353.

Bard, K.A. (1995). Sensorimotor cognition in young feral orangutans (*Pongo pygmaeus*). *Primates*, 36, 297-321.

Bard, K.A., Street, E., McCrary, C., & Boothe, R. (1995). The development of visual acuity in infant chimpanzees. *Infant Behavior and Development*, 18, 225-232.

Fagot, J., & Bard, K.A. (1995). Asymmetric grasping response in neonatal chimpanzees (*Pan troglodytes*). *Infant Behavior and Development*, 18, 253-255.

Hopkins, W.D., & Bard, K.A. (1996). Asymmetries in spontaneous head orientation in infant chimpanzees (*Pan troglodytes*). *Behavioral Neuroscience*, 109: 808-812.

Bard, K.A., Fragaszy, D.M. & Visalberghi, E. (1995). Acquisition and comprehension of a tool-using behavior by young chimpanzees: Effects of age and modeling. *International Journal of Comparative Psychology*, 8, 47-68.

Custance, D., Whiten, A., & Bard, K.A. (1995). Can young chimpanzees (*Pan troglodytes*) imitate arbitrary actions? Hayes & Hayes (1952) revisited. *Behaviour*, 132, 837-859.

Bard, K.A. (1994). Evolutionary roots of intuitive parenting: Maternal competence in chimpanzees. *Early Development and Parenting*, 3, 19-28.

Bard, K.A. (1994). Developmental issues in the evolution of the mind. *American Psychologist*, 49, 760-761.

Bard, K.A. (1994). Commitment to the care and management of chimpanzees: State-of-the-art developments in facility design, genetics & environmental enrichment. *American Journal of Primatology*, 32, 149-151.

Bard, K.A. (1993). A developmental theory requires developmental data. *Behavioral and Brain Sciences*, 16, 511-512.

Hopkins, W.D. and Bard, K.A. (1993). Hemispheric specialization in infant chimpanzees (*Pan troglodytes*): Evidence for a relation with gender and arousal. *Developmental Psychobiology*, 26, 219-235.

Hopkins, W.D., Bard, K.A., Jones, A., & Bales, S. (1993). Chimpanzee hand preference for throwing and infant cradling: Implications for the origin of human handedness. *Current Anthropology*, 34, 786-790.

Bard, K.A. (1992). Intentional behavior and intentional communication in young free-ranging orangutans. *Child Development*, 63, 1186-1197.

Lin, A., Bard, K.A., & Anderson, J.R. (1992). Development of self-recognition in chimpanzees (*Pan troglodytes*). *Journal of Comparative Psychology*, 106, 120-127.

Bard, K.A., Platzman, K.A., Lester, B.M., & Suomi, S.J. (1992). Orientation to social and nonsocial stimuli in neonatal chimpanzees and humans. *Infant Behavior and Development*, 15, 43-56.

Bard, K.A., Hopkins, W.D., & Fort, C. (1990). Lateral bias in infant chimpanzees (*Pan troglodytes*). *Journal of Comparative Psychology*, 104, 309-321.

Miller, L.C., Bard, K.A., Juno, C.J., & Nadler, R.D. (1990). Behavioral responsiveness to strangers in young chimpanzees (*Pan troglodytes*). *Folia Primatologica*, 55, 142-155.

Bard, K.A. & Vauclair, J. (1989). What's the tool and where's the goal? *Behavioral and Brain Sciences*, 12(3), 590-591.

Tomasello, M., Davis-DaSilva, M., Camak, L., & Bard, K.A. (1987). Observational learning of tool-use by young chimpanzees. *Human Evolution*, 2(2), 175-183.

Miller, L.C., Bard, K.A., Juno, C., & Nadler, R. (1986). Behavioral responsiveness of young chimpanzees (*Pan troglodytes*) to a novel environment. *Folia Primatologica*, 47, 128-142.

Bard, K.A. & Vauclair, J. (1984). The communicative context of object manipulation in ape and human adult-infant pairs. *Journal of Human Evolution*, 13, 181-190.

Bard, K.A. & Nadler, R.D. (1983). The effect of peer separation in young chimpanzees (*Pan troglodytes*). *American Journal of Primatology*, 5, 25-37.

Vauclair, J. & Bard, K.A. (1983). Development of manipulations with objects in ape and human infants. *Journal of Human Evolution*, 12, 631-645.

## **PUBLICATIONS: BOOK CHAPTERS AND NON-REVIEWED ARTICLES**

### **1. publications from 2001 to present**

Bard, KA, Gaspar, A., & Vick, S-J (in press). Chimpanzee faces under the magnifying glass: Emerging methods reveal cross-species similarities and individuality. To appear in A. Weiss, J. King, & L. Murray (eds). *Personality and Behavioral Syndromes in Nonhuman Primates*, Springer-Verlag.

Thorsteinsson, K. & Bard, K.A. (in press). Coding Infant Chimpanzee Facial Expressions of Joy. In D. Pecham & E. Braenninger-Huber (eds) *Proceedings of the FACS workshop 2007*. Innsbruck, Austria: Innsbruck University Press.

Boysen, S.T. & Bard, K.A. (in press). Chimpanzee spatial skills: A model for children's performance on scale model tasks? In F. Dolins & R. Mitchell (eds), *Spatial perception, spatial cognition: Mapping the self and space*. Cambridge, UK: Cambridge University Press

Bard, K.A. & Leavens, D.A. (2009). Socio-emotional factors in the development of joint attention in human and ape infants. In L. Roska-Hardy & E. Neumann-Held (Eds.), *Learning from animals? Examining the nature of human uniqueness* (pp. 89-104). London: Psychology Press.

Bard, KA (2008). Understanding reflections of self and other objects. In C. Lange-

Kuttner, & A. Vinter (eds.), *Drawing and the Non-Verbal Mind. A Life-Span Perspective*, pp. 23-41. Cambridge, UK: Cambridge University Press.

Leavens, D.A., Hopkins, W.D., & Bard, K.A. (2008). The heterochronic origins of explicit reference. In J. Zlatev, T. P. Racine, C. Sinha & E. Itkonen (Eds.) *The Shared Mind: Perspectives on Intersubjectivity*, pp.185-214. Amsterdam, John Benjamins.

Tomonaga, M., Myowa-Yamakoshi, M., Okamoto, S., & Bard, K.A. (2006). Development of gaze recognition in chimpanzees (*Pan troglodytes*). In K Fujita & S. Itakura (eds). *Diversity of cognition: Evolution, development, domestication, and pathology*.

Bard, K.A. (2006). Die entwicklung von schimpansen, die von menschen aufgezogen wurden; Fähigkeiten der Mutter, bindung und bewältigungsverhalten [Nursery-raised chimpanzees: Maternal skills, attachment, and coping]. In K.H. Brisch & T. Hellbrügge (Eds) *Kinder ohne bindung: Deprivation, adoption und Psychotherapie [Children without attachment; Deprivation, Adoption, and Psychotherapy]*, pp. 44 -60. Stuttgart, Germany: Klett-Cotta.

Tomonaga, M., Myowa-Yamakoshi, M., Mizuno, Y., Okamoto, S., Yamaguchi, M. K., Kosugi, D., Bard, K. A., Tanaka, M., & Matsuzawa, T. (2006). Chimpanzee social cognition in early life: Comparative-developmental perspective. In E. A. Wasserman & T. R. Zentall (Eds), *Comparative cognition: Experimental explorations of animal intelligence*, pp. 639 - 650. New York: Oxford University Press.

Bard, K.A. (2005). Emotions in chimpanzee infants: The value of a comparative developmental approach to understand the evolutionary bases of emotion. In J. Nadel and D. Muir (Eds). *Emotional development*, pp. 31-60. Oxford, UK: Oxford University Press.

Bard, K.A. (2002). Mad, sad, and glad? Development of emotions in chimpanzees. *Emotion Researcher*, 16(4), 6-7.

Bard, K.A. (2002). Primate parenting. In M. Bornstein (Ed.) *Handbook of Parenting: Second Edition: Volume 2 Biology and Ecology of Parenting*, pp.99-140. Mahwah, N.J.: Lawrence Erlbaum Associates.

Bard, K.A. (2001). Book review of Boesch & Boesch-Achermann (2000): The Chimpanzees of the Tai Forest. *The British Journal of Psychology*, 92, 417-420.

## **2. publications before 2001**

Bard, K.A. (2000). Crying in infant primates: Insights into the development of crying in chimpanzees. In R. Barr, B.Hopkins, & J. Green (Eds). *Crying as a sign, a symptom and a signal: Developmental and clinical aspects of early crying behavior*. London, UK: MacKeith Press, pp. 157-175.

Bard, K.A. & Russell, C.L. (1999). Evolutionary foundations of imitation: Social, cognitive, and developmental aspects of imitative processes in non-human primates.

In J. Nadel, & G. Butterworth (Eds) *Imitation in infancy: Progress and prospects of current research*, pp. 89-123. Cambridge, UK: Cambridge University Press.

Bard, K.A. (1998). Social-experiential contributions to imitation and emotion in chimpanzees. In: S. Braten (Ed.). *Intersubjective communication and emotion in early ontogeny: A source book*, pp. 208-227. Cambridge, UK: Cambridge University Press

Bard, K.A., & Gardner, K.H. (1996). Influences on development in infant chimpanzees: Enculturation, temperament, and cognition. In A. Russon, K. Bard, & S. T. Parker (Ed.) *Reaching into thought: The minds of the great apes*, pp. 235-256. Cambridge, UK: Cambridge University Press.

Russon, A. & Bard, K.A. (1996). Exploring the minds of the great apes: Issues and controversies. In A. Russon, K.A. Bard, & S.T. Parker, (Eds.). *Reaching into thought: The minds of the great apes*, pp. 1-20. Cambridge, UK: Cambridge University Press.

Bard, K.A. (1995). Parenting in primates. In M. Bornstein (Ed.) *Handbook of Parenting: Vol II Ecology and biology of parenting*, (pp. 27-58). Mahwah, N.J.: Lawrence Erlbaum.

Bard, K.A. (1994). Similarities and differences in the neonatal behavior of chimpanzee and human infants. In G. Eder, E. Kaiser, & F.A. King (Eds.), *The role of the chimpanzee in research*, Basel: Karger, pp. 43-55.

Bard, K.A. (1994). Very early social learning: The effect of neonatal environment on chimpanzees' social responsiveness. In: J. J. Roeder, B. Thierry, J. R. Anderson, & N. Herrenschmidt (Eds.) *Current Primatology: Volume III Social development, learning, and behavior*, (pp. 339-346). Strasbourg, France: Université Louis Pasteur.

Bard, K.A. (1994). The use of tools by free-ranging orangutans: Cognitive competence. In: J.J. Ogden, L.A. Perkins, and L. Sheeran (Eds) *Proceedings of the International Conference on Orangutans: The Neglected Ape*, pp.177-183, San Diego CA ; Zoological Society of San Diego.

Custance, D. and Bard, K.A. (1994). The comparative and developmental study of self-recognition and imitation: The importance of social factors. In S. T. Parker, M. Boccia, & R. W. Mitchell (Eds). *Self-awareness in animals and humans: Developmental perspectives* (pp. 207-226). Cambridge U.K.: Cambridge University Press.

Custance, D., Whiten, A., & Bard, K.A. (1994). The development of gestural imitation and self-recognition in chimpanzees (*Pan troglodytes*) and children. In: J.J. Roeder, B. Thierry, J.R. Anderson, & N. Herrenschmidt (Eds.) *Current Primatology: Volume III Social development, learning, and behavior*, (pp. 381-387). Strasbourg, France: Université Louis Pasteur.

Bard, K.A. (1993). Cognitive competence underlying tool use in free-ranging orangutans. In A. Berthelet and J. Chavallion (Eds.). *The use of tools by human and nonhuman primates*, (pp. 103-117). Oxford, U.K.: Oxford University Press.

Hopkins, W.D. and Bard, K.A. (1993). The ontogeny of lateralized behavior in nonhuman primates with special reference to chimpanzees (*Pan troglodytes*). In J. Ward and W.D. Hopkins (Eds.) *Primate laterality: Current behavioral evidence of primate asymmetries* (pp. 251-266) New York, Springer-Verlag.

Bard, K.A. (1992). Part II: Noncategorical and categorical signals in primate communication: Introduction and review. In H. Papoušek, U. Jürgens, & M. Papoušek (Eds.) *Nonverbal vocal communication: Comparative and developmental approaches*, (pp. 63-65). Cambridge, U.K.: Cambridge University Press.

Bard, K.A. (1992). The early influence of neonatal environment on chimpanzees' social responsiveness. *Le Recherche*.

Bard, K.A. (1991). Comparative developmental evolutionary psychology at the CNR of Rome, Italy. Review of F. Antinucci (ed.) *Cognitive structure and development in nonhuman primates*. *Contemporary Psychology*, 36, 865-866.

Bard, K.A. (1990a). "Social Tool Use" by free-ranging orangutans: A Piagetian and developmental perspective on the manipulation of an animate object. In S.T. Parker and K.R. Gibson (Eds). *"Language" and Intelligence in Monkeys and Apes: Comparative developmental perspectives* (pp. 356-378). New York: Cambridge University Press.

Bard, K.A. (1990b). A brief report on neurobehavioral integrity in chimpanzee and human neonates. *The Newsletter (Primate Foundation of Arizona)*, 2(2), 3-5.

Meador, D.M., Rumbaugh, D.M., Pate, J.L., & Bard, K.A. (1987). Learning, problem-solving, cognition, and intelligence. In: G. Mitchell and J. Erwin (Eds)., *Comparative Primate Biology, Vol. 2B, Behavior, Cognition, and Motivation* (pp. 17-83). New York: Alan R. Liss.

Bard, K.A. (1984). Orangutan research in Borneo. *Anthroquest*, 29 (Summer), 11-12. Also published in *Borneo Research Bulletin*, 7(2), 120-122.

Vauclair, J. & Bard, K.A. (1984). Le contexte communicatif au cours des manipulations d'objets: etude preliminaire chez l'enfant et chez le jeune chimpanze. *Internal Bulletin of Universitat Autonoma de Barcelona et Societe Francaise pour l'Etude du Comportement Animal*, 385-391.

## PUBLICATIONS: EDITED BOOK

Russon, A., Bard, K.A., & Parker, S.T. (1996). (Eds) *Reaching into thought: The minds of the great apes*. Cambridge University Press.

## PUBLICATIONS: SINGLE AUTHORED BOOK

Bard, K.A. (1996) *Responsive Care: Behavioral intervention for nursery-reared chimpanzees, The 1996 ChimpanZoo Conference* V.I. Landau (Ed). Tucson, AZ: ChimpanZoo, Sponsored Program of the Jane Goodall Institute.

## SYMPOSIA ORGANIZED and/or CHAIRED

Reznikova, Z., Bard, KA, & Custance, D. Co-organizers of symposium entitled “A comparative biological and psychological perspective of social learning” proposed at International Ethology Conference, France, 19-24 Aug 2009.

Ferrari, P.F. & Bard, K.A. Co-organizers of symposium entitled “Social Cognitive Development in monkeys, apes and humans” at the XXII International Primatological Society Conference, Edinburgh, Scotland, UK August, 2008,

Bard, K.A. & Tomonaga, M. Co-organizers of symposium entitled “Smiling and laughter in infants in comparative and developmental perspective”, at the XVI<sup>th</sup> Biennial International Conference on Infant Studies, Vancouver, BC, 27-29 March 2008.

Bard, KA Organizer and chair, symposium entitled ‘The Emotions’, for BA Festival of Science, Norwich, 4-9 September 2006.

Keller, H & Bard, KA. Co-organizers of an Invited Symposium, “Cultural and Comparative Dimensions of Children's Mirror Recognition”, for the 18th International Congress of the Association for Cross-Cultural Psychology, Isle of Spetses, Greece, July 11-15, 2006

Bard, K.A. Organizer and Chair, symposium entitled “Primate Social Cognition: What monkeys & apes know and feel about each other”, for BA Festival, Dublin, to be held 5-9 Sept 2005

Bard, K.A. & Keller, H. Co-organizers, Chair, and presenter, symposium entitled “Comparative studies of mirror self-recognition: What is reflective of cognitive ability and what is reflective of learning history?”, XII European Conference on Developmental Psychology, Tenerife, Spain, 24-28 August, 2005

Bard, K.A. Organizer and Chair, Symposium entitled “Social Cognition of Infants in Eco-Cultural Context”, 2005 biannual meeting of the Society for Research in Child Development, Atlanta, GA, 7-10 April, 2005

Bard, K.A. Organizer, International ChimpFACS Conference, Centre for the Study of Emotion, Department of Psychology, University of Portsmouth, Portsmouth, UK 17-20 March 2005.

Bard, K.A., Organizer and Chair, Symposium entitled “Innovations in theory and methods in comparative psychology and primatology”, at the XX Congress of the International Primatological Society, held in Torino, Italy, 23-28 August 2004.

Bard, K.A. Chair, Topic Table, International Society of Research on Emotion, NY, July 2004.

Smith Pasqualini, M., & Bard, K.A. (co-organizers). International Conference on 'Social Neuroscience of Emotion', held at the Centre for the Study of Emotion, University of Portsmouth, Portsmouth UK

Bard, K.A. Chair, Learning and Cognition Part B. 23<sup>rd</sup> Annual meeting of the American Society of Primatologists, held in Denver, CO USA, 21-24 June, 2000.

Bard, K.A. Chair, Invited Discussion Session, "Learning from research on nonhuman subjects" 10th Biennial International Conference on Infant Studies, Providence, RI, April 18-21, 1996.

Bard, K.A. & Russell, C. Co-chairs, The study of emotions in nonverbal organisms. 10th Biennial International Conference on Infant Studies, Providence, RI, April 18-21, 1996.

Bard, K.A. Chair, Symposium in developmental neuropsychology: Implications from studies in great apes. International Conference on Infant Studies, Paris, France, June 2-5, 1994.

Bard, K.A., Parker, S.T., & Boysen, S.T. Co-chairs, Comparative developmental approaches to the study of self-recognition and imitation. XIVth Congress of the International Primatological Society, Strasbourg, France, August 16-21, 1992.

Boysen, S.T & Bard, K.A. (Co-chairs), Comparative approaches to the study of emotion. American Psychological Society, San Diego, June 20-22, 1992.

## PAPERS PRESENTED AT CONFERENCES

I attend and regularly present either a poster or a talk at the annual or biennial meetings of the following groups:

- British Psychological Society – Developmental Section (from 2000)
- International Society for Infant Studies
- International Primatological Society
- American Society of Primatology
- International Society for Research in Emotions (from 2002)
- European Conference on Developmental Psychology

Many of these talks were given in societies that publish abstracts (a list is available upon request). Additional talks are listed below.

**Invited Keynote Speaker**, Epigenetic Robotics 2009, Venice, Italy, 12-14 November 2009.

**Invited Speaker**, ZiF conference on The expression of emotion in man and animals, organized by I. Wachsmuth, Bielefeld, Germany, 5-6 Nov 2009

**Invited Speaker**, NSF funded seminar organized by A. Seemann, entitled “Joint Attention: Developments in Philosophy of Mind, Developmental and Comparative Psychology, and Cognitive Science”, Bentley University, Waltham, MA, October 1 – 3, 2009.

**Invited Speaker for Presidential Symposium**, organized by D. Fragaszy, American Society of Primatology Meeting, San Diego, CA, 18-21 Sept 2009.

**Invited Speaker**, Symposium organized by T. Manstead on Darwin’s Expression of emotion in man and animals, BA Festival of Science, University of Surrey, 5-10 Sept 2009.

**Invited Plenary Speaker**, International workshop organized by F. de Waal & P. Ferrari, entitled “THE PRIMATE MIND: Built to Connect with Other Minds”, Erice, Sicily, Italy, 4-9 June 2009.

**Invited participant**, ESF supported “CompCog” programme. Workshop organized by M Vancatova, “Social learning and cognition in primates and its meaning for understanding of cognitive processes in hominids”, Prague, 20-21 April 2009

**Co-authored talk**, Beck, A., Stevens, B., Van De Walle, G., & Bard, K.A. Comparing perception of affective body movements displayed by actors and animated characters. Symposium organized by Nadia Berthouze & Marco Gillies, Affective bodily expression. Edinburgh, 6-9 April 2009.

**Invited Plenary speaker**, 11<sup>th</sup> Conference of the Gesellschaft für Primatologie (German Primate Society meeting), in Hannover, 24<sup>th</sup> - 26<sup>th</sup> February 2009

**Co-authored Poster**, Beck, A. Stevens, B. & Bard, KA. Research Workshop on Dance and Cognitive Neurosciences, Organizers: Larry Parsons and Frank Pollick. Satellite to January Experimental Psychology Society Meeting, 7 Jan. 2009 London, UK

**Invited Plenary speaker**, The Siberian Summer School of Ethology, Novosibirsk, Siberia, Russia, 9-17 Sept, 2008.

**Collaborative Research Presentation**, Affective Social Robots that Live and Grow with Us, Information and Computing Technologies (ICT) Conference, 25-27 Nov, 2008, Lyon, France.

**Invited Discussant**, symposium organized by H. Keller, entitled “Early childhood in sub-Saharan Africa: Broadening our understanding of developmental pathways”, held at International Association for Cross-Cultural Psychology 2008 - Bremen, Germany, 27-31 July 2008

**Invited Discussant**, symposium at International Society for the Study of Behavioral Development, Wurtzburg, Germany, 13-17 July 2008.

**Co-authored presentation:** Vick, S-J, Waller, B.M., Parr, L.A., Smith Pasqualini, M., & Bard, K.A. An introduction to ChimpFACS: Facial measurement in chimpanzees. Abstracts of 77<sup>th</sup> meeting of the American Association of Physical Anthropologists, Columbus, Ohio, 9-12 April 2008.

**Co-authored presentation** Waller, B.M., Parr, L.A., Gothard, K.M., Vick, S-J, Bard, K.A., Burrows, A., & Fuglevand, A.J. Intramuscular electrical stimulation of facial muscles in humans, chimpanzees, and rhesus macaques. Abstracts of the 77<sup>th</sup> meeting of the American Association of Physical Anthropologists, Columbus, Ohio, 9-12 April 2008.

**Invited Plenary speaker,** Primate Behavior and Individuality conference, Biology section of the Department of Engineering and Natural Sciences, at Lusafona University, 17-18 March 2008, Lisbon, Portugal

**Co-convenor of panel on social emotional development,** Down Syndrome Research Directions Symposium 2007, held at Down Syndrome Educational Trust, 23-27 Oct 2007, Portsmouth, UK: resulted in review paper by Oates, J., Bard, K.A. & Harris, M. (2008). Social and communicative functioning. *Down Syndrome Research and Practice*. <http://www.down-syndrome.org/doi/?10.3104/reviews/2073>

**Invited Presenter** (with Krisztina Ivan) at the BPS Research Seminar entitled "Gestural and Vocal Expression of Emotion", held in Portsmouth, UK, 24<sup>th</sup> September, 2007.

**Co-author of talk** (with Vanessa Maguire) at the 2<sup>nd</sup> Congress of the European Federation for Primatology, held in Prague, Czech Republic, 3-9 Sept 2007.

**Invited honorary participant,** "The Mind of the Chimpanzee" held at Lincoln Park Zoo, Chicago, IL USA 22-25 March 2007

**Invited Presenter** (with Krisztina Ivan), Denmark Cry workshop, Copenhagen, 4-7 July, 2007.

**Organizer and presenter** of symposium entitled "The Emotions", for BA Festival of Science, Norwich, 4-8 Sept 2006.

**Co-author of invited talk,** The 2<sup>nd</sup> International Conference on Social and Organizational Informatics and Cybernetics, Orlando, Fla, USA, 20-23 July, 2006.

**Invited Participant & Speaker,** Thematic workshop entitled "The phylo- and ontogenesis of understanding and communication", Zentrum fur Interdisciplinary Research, Bielefeld, Germany, 11 -14 January 2006.

**Invited Speaker,** In a symposium organized by Prof Jacques Vauclair, entitled 'Cerebral plasticity, memory and intelligence' at the international conference "The intelligence of the child: Clinical, theoretical aspects and evaluation" to celebrate hundred years after Binet. Paris, France, 6-8 October 2005 .

**Invited Participant & Speaker**, Great Ape Workshop, Madrid Association for Spanish Primatology, Madrid, Spain, 29 Sept – 1 Oct 2005.

**Presenter** in symposium entitled “Primate Social Cognition: What monkeys & apes know and feel about each other”, for BA Festival, Dublin, 5-9 Sept 2005

**Invited speaker**, 1st Congress in Developmental Psychology, entitled "Highlights in Developmental Psychology", at Lusofona University, Lisbon Portugal, 19-21 May 2005.

**Presenter** of symposium entitled “Social Cognition of Infants in Eco-Cultural Context”, held in the 2005 biannual meeting of the SRCD, Atlanta, GA, 7-10 April, 2005

**Invited presenter** in a discussion hour, "Measuring Facial Actions: New Approaches for Studying Emotion" held in the 2005 biannual meeting of the SRCD, Atlanta, GA, 7-10 April, 2005

**Invited Speaker**, at international conference on “New perspectives in affective science”, Psychology Union, Kyoto University, 28 – 30 January 2005, a 21st-Century Centre of Excellence Program sponsored by Ministry of Education, Culture, Science, Sport and Technology (MEXT), Japan.

**Keynote Address**, BPS Careers Day, University College Winchester, 13 November 2004.

**Invited Plenary**, in the international conference, "Children without Attachment - Deprivation, Adoption and Psychotherapy" on the occasion of Theodor-Hellbruegge Foundation awarding the Arnold-Lucius-Gesell-Prize 2004 to Professor Sir Michael Rutter, 29-30 October, 2004, Munich Germany.

**Invited plenary** in the First International Primatological Conference in Lisbon, Portugal, 13 - 18 October, 2003.

**Poster**, the New York Academy of Sciences meeting entitled “Emotions inside out: 130 years after Darwin’s *The expression of the emotions in man and animals*”, Rockefeller University, New York, 16-17 November 2002.

**Invited Discussant** in the symposium entitled "Primate Origins of Culture", organized by D. Biro & T. Matsuzawa, at the International Primatological Society Meeting, Beijing China, August 2002.

**Poster**, Co-author with Maria O’Neill, at Euresco conference on 'Brain Development and Cognition in human infants', 7-12 June 2002.

**Invited participant** in the symposium entitled “Primate Cognitive Ecology” organized by P. Garber at the American Association for Physical Anthropology meeting held in Buffalo NY, 10-14 April 2002.

**Invited participant** in the Invited Symposium in Memory of Hanus Papousek, organized by L. Koester & H. Rauh at the German Developmental Psychology Conference, held in Potsdam, Germany, 2 – 5 September 2001.

**Invited symposium participant** at the Winter Conference on Current Issues in Developmental Psychobiology, held in Puerto Aventuras, Mexico, January 4 – 7, 2001.

**Invited speaker** at the Crying Infant Workshop, held in Taby, Sweden, 12-14 July 2000.

**Invited short talk** at the Winter Conference On Current Issues In Developmental Psychobiology, held in Grenada, Jan 7-10, 1999.

**Invited discussant** at the Emory Cognition Project Symposium entitled “ Emotion in Communication”, held at Emory University, March 26-27, 1999.

**Invited Presenter** in the symposium organized by B. Hopkins titled “Development of lateral biases: Fundamental and clinical perspectives” at the XV International Society for the Study of Behavioural Development, Berne, Switzerland, July 1-4, 1998.

**Invited talk** at the 2<sup>nd</sup> Theory Forum Symposium of the Norwegian Academy of Science and Letters on Mutual Understanding: Between Nature, Nurture, & Culture, held in Rethymnon, Crete, Greece, October 1-7, 1998.

**Invited short talk** given at the Winter Conference On Current Issues In Developmental Psychobiology, held in Curacao, Jan 11-15, 1996.

**Invited paper** presentation for the International Orangutan Conference: The neglected ape. March 5-7, 1994, California State University, Fullerton, CA.

**Invited talk** at the Theory Forum symposium entitled "Intersubjective communication and emotion in ontogeny", held at the Norwegian Academy of Science and Letter, in Oslo, Norway, August 25-30, 1994.

**Invited speaker** at a colloquium sponsored by the Department of Behavioral and Brain Sciences, Kyoto University, Primate Research Institute, Inuyama, Japan, August 12, 1994.

**Invited participant** at the symposium organized by A. Russon entitled "Cognitive ethology in Pongids", held at XXIII International Ethological Conference, Torremolinos, Spain, September 1-9, 1993.

**Invited speaker** at the symposium entitled "Primate Perspectives on Human Cognition" at the American Psychological Association, Atlanta, Georgia, August, 1988.

**Invited speaker** at the Third conference of the Fyssen Foundation entitled "The Use

of Tools in Primates" Versailles, France, November 1988.

### INVITED SEMINARS (OUTSIDE THE UK – 2001 to 2008)

1. Organised by Dr. Miki Kakinuma, Prof. of Psychology, Nippon Veterinary and Animal Science University, Tokyo, Japan, July 2001
2. Visiting Professor lecture given at the Primate Research Institute, Kyoto University, 23 July, 2001.
3. Invited lecture, "Evolutionary foundations of imitation: social, cognitive, and developmental aspects of imitative processes in non-human primates", at the College de France sponsored by the French Ministry of Research, Paris, 26-27 October 2001.
4. Department of Anthropology, University of Illinois at Champaign-Urbana, Champaign, Illinois US, April 2002
5. Research Institute on Addictions, University of Buffalo, The State University of New York, Buffalo, NY, US. April 2002
6. Cognitive Science Seminar Series, University of California, San Diego, Department of Psychology, San Diego, CA. US, May 2003.
7. Integrative capacities seminar series, University of Osnabrueck, Department of Culture and Development, Osnabrueck, Germany, 15 September 2003.
8. Geneva Emotion Research Group, University of Geneva, 17 May 2004.
9. Invited Plenary, Theodor-Hellbruegge Foundation, October 29 - 30, 2004, Munich Germany.
10. Center for Studies in Cognitive & Developmental Psychology, Psychology Dept., Univ. Lusofona, Lisbon, Portugal, 17 December 2004.
11. Psychology Union, Kyoto University, Japan. 28 – 30 January 2005
12. Department of Cognitive Science, Lund University, Sweden, 12 January 2005
13. Language, Gestures, & Pictures project, Department of Philosophy, Lund University, Sweden, 13 January 2005.
14. Psychology Union, Kyoto University, Japan. 28 – 30 January 2005
15. School of Human Cultures, Department of Comparative Cognitive Science, The University of Shiga Prefecture, Shiga, Japan, 6 February, 2005.
16. School of Humanities, Charles University, Prague, Czech Republic, 28 April 2005.
17. "Highlights in Developmental Psychology", 1st Congress in Developmental Psychology, Lusofona University, 19-21 May 2005
18. Great Ape Workshop, Madrid Association of Spanish Primatologists, Madrid, Spain, 28 Sept to 1 Oct 2005.
19. International conference "The intelligence of the child: clinical, theoretical aspects and evaluation".to celebrate hundred years after Binet. Paris, October 6-8, 2005.
20. Thematic workshop entitled "The phylo- and ontogenesis of understanding and communication", Zentrum fur Interdisciplinary Research, Bielefeld, Germany, 11 - 14 January 2006.
21. Department of Psychology, University of Bologna, Italy, 8-10 March 2006.
22. Annual Human Ethology Meeting, Charles University, Prague, Czech Republic, 12-14 May 2006
23. The DFG-Graduate School, University of Osnabruck, *Integrative Competences and Well-Being: Somatic, Psychological, Social, and Cultural Determinants*. Osnabruck, Germany, 18-20 Feb. 2007

24. Centre for Child & Family Studies, Graduate School of Education en Child Studies, Leiden University, The Netherlands, 29-31 Oct 2007
25. Culture & Development Unit, Faculty of Human Sciences, Department of Psychology, University of Osnabrueck, Osnabrueck, Germany, 8-10 Dec 2008.

#### INVITED SEMINARS (IN THE UK –2001 to 2008)

1. School of Cognitive and Computing Science, University of Sussex
2. Centre for Brain and Cognitive Development, Birkbeck College, UCL
3. Department of Psychology, University of Portsmouth
4. Psychology Department, University of Stirling
5. Psychology Department, Goldsmiths
6. Sub-department of Animal Behaviour, Cambridge University
7. Department of Bioanthropology, University College London
8. Department of Psychology, Middlesex University
9. Department of Psychology, University of Reading
10. Developmental Research Group, School of Life Sciences, University of Sussex
11. Centre for Research in Evolutionary Anthropology, School of Human and Life Sciences, Roehampton University
12. Department of Psychology, University of Essex
13. Department of Psychology, University of Birmingham
14. Developmental Group, Department of Psychology, University of Sussex
15. School of Health Sciences & Social Work, University of Portsmouth
16. Department of Psychology, London Metropolitan University
17. Childhood Research in Autism, Cognition, and Reasoning Seminar, Department of Psychology, University of Nottingham
18. Department of Psychology, University of Winchester
19. Cognitive and Affective Neuroscience Interest Group, Psychological Medicine and Psychiatry, King's College, University of London, 11 Dec. 2008

#### MANUSCRIPTS IN PREPARATION

Maguire, V. & Bard, K.A. (to be submitted). Flexibility, form, and context of gestures in young chimpanzees.

Maguire, V., Bard, K.A., & Matsuzawa, T. Audience effects in gesture use of young chimpanzees

Leavens, D.A., Hopkins, W.D., & Bard, K.A. (to be submitted). Longitudinal study of gestural communication in chimpanzees. To appear in J. Wallis (Ed). *Primate gestures*.

Bard, K.A., Bakeman, R. & Leavens, D.A. (to be submitted). Understanding the role of emotion in the development of joint attention.

#### POPULAR MEDIA

Bard's research on attachment in 1-year-old chimpanzees is one of the featured highlights of FEELIX GROWING (EU grant FP6-IST, KA Bard, PI for UP) on

[www.youtube.com/feelixgrowing/](http://www.youtube.com/feelixgrowing/)

Press releases associated with van IJzendoorn, Bard, Bakermans-Kranenberg & Ivan, *Developmental Psychobiology*, 2009 article

The Daily Telegraph; The Sunday Times; The Daily Mail; The Daily Express; The Sun; The Daily Sport; The London Metro; The Glasgow Herald; Press & Journal Aberdeen; The Hampshire Chronicle; The Daily Echo & online: Medguru (online) Sindhtoday; The Scotsman; Times of India; Metro Yorkshire Telegraph online; Red Orbit

MSNBC <http://www.msnbc.msn.com/id/28978132/>

New York Daily online; WPTV; Live Science; Big Print

The Times, Johannesburg

Foster Care successful for chimpanzees

<http://www.news.leiden.edu/foster-care-for-chimpanzees-successful.jsp>

Chimp study highlights importance of emotional care in childhood

[http://cordis.europa.eu/fetch?CALLER=EN\\_NEWS&ACTION=D&SESSION=&RCN=30417](http://cordis.europa.eu/fetch?CALLER=EN_NEWS&ACTION=D&SESSION=&RCN=30417)

Orphan chimpanzees cleverer than humans, study finds

<http://www.sciencedaily.com/releases/2009/02/090202140437.htm>

Baby chimpanzees given human love ace IQ tests

<http://dsc.discovery.com/news/2009/02/02/chimp-baby-smart.html>

Baby chimpanzees are brighter than infants

<http://www.paperarticles.com/2009/02/baby-chimps-are-brighter-than-infants.html>

A report about The Siberian Summer School of Ethology mentions Bard's plenary address in the *Human Ethology Bulletin*, 2008, volume 23(4), p16-20.

Kim Bard's research on Responsive Care for chimpanzees was featured in the *ChimpanZoo Newsletter*.

Bard comments on Hopkins et al., *Animal Behaviour* article in *Discovery News*, March 2007

[http://dsc.discovery.com/news/2007/03/15/chimpcheer\\_ani.html?category=animals&guid=20070315113030](http://dsc.discovery.com/news/2007/03/15/chimpcheer_ani.html?category=animals&guid=20070315113030)

Bard comments on Ferrari et al., 2006 *PLoS Biology* article on neonatal imitation in rhesus macaques, *Science News*, [Vol. 170, No. 11](#), Sept. 9, 2006, p. 163

<http://www.sciencenews.org/articles/20060909/fob1.asp>

"Like humans, some chimps mimic social norms in parenting", In Brief article by Z. Stambor concerning *Developmental Psychology* article on mutual gaze, in *APA Monitor*, 36, October, 2005. <http://www.apa.org/monitor/oct05/chimps.html>

Press releases from the symposium organized by K.A. Bard at the British Association for the Advancement of Science, The BA Festival, 5-9 Sept, 2005, Trinity College, Dublin, Ireland.

[http://www.bps.org.uk/media-centre/press-releases/releases\\$/wessex-and-](http://www.bps.org.uk/media-centre/press-releases/releases$/wessex-and-)

[wight-branch\\$/career-in-psychology.cfm](http://www.bps.org.uk/media-centre/press-releases/releases/wessex-and-wight-branch/career-in-psychology.cfm)

BPS press release on Bard keynote presentation at the Careers in Psychology Day, University of Winchester, 13 November, 2004 <http://www.bps.org.uk/media-centre/press-releases/releases/wessex-and-wight-branch/career-in-psychology.cfm>

Comment on Bourne & Todd (2004), *Developmental Science* article on lateral bias in cradling and emotional face processing, <http://www.nature.com/nsu/040126/040126-3.html>

The Emotion Researcher, Official Newsletter of the International Society for Research in Emotion, 2002 Special on "Nasty Emotions". My article was entitled "Mad, sad, and glad? Development of emotions in chimpanzees".

BBC Radio 4 'A voice in the crowd', special program on evolutionary basis of colic and crying, aired 15 Sept 2002.

Psychology Research News, University of Portsmouth, 2002

Discovery On-line Science News, Report on 2000 BPS-Developmental presentation [url:/www.discovery.com/news/briefs/20000918/hu an chimps.html](http://www.discovery.com/news/briefs/20000918/hu_an_chimps.html)

Psychology Research News, University of Portsmouth, 2000

### **In the US**

Ask the Experts – Scientific American: 'Are humans the only primate that cry?' on-line url: <http://www.sciam.com/> November 2003 issue of Scientific American

Quirks & Quarks - Canadian Public Radio- Laughter in chimpanzee and child, with Robert Provine, Feb. 3, 1996

Atlanta Journal-Constitution Newspaper, Feb 3, 1996, "ChimpSpeak: Unlocking the 'language' of the world's second smartest primates teaches us about ourselves".

BBC Television: The natural world "Monkey in the mirror", 1995

Feed Your Mind, "Critter careers", Television show for children, TBS Productions, Fall 1995

Nature BBC production - with George Page, "Monkey in the mirror", Nov. 5, 1995

Smithsonian magazine, Feature article with pictures on Behavioral intervention with young nursery reared chimpanzees, March 1995  
<http://www.smithsonianmag.si.edu/smithsonian/issues95/mar95/chimpanzees.html>

Tokio Today International Radio, June 1995

BBC Radio Science Program, July 1995

KTVU/FOX - 10 O'Clock News "Bringing up baby", Nov 12 - 15, 1995, news coverage on issues of parenting in chimpanzees applied to humans

DATELINE - NBC News TV magazine, "Human see - human do" December, 1995

Scientific American Frontiers with Alan Alda, "Primetime primates", television show 1994-1995 season

CNN- Science & Technology Week: International television news program, The development of self-recognition in chimpanzees.

The Today Show, Television morning program, "Learning to parent" with science reporter Robert Bazell, 1994

Fernbank Museum of Natural History, Special Psychology lectures for the general public. My talk was on 'Emotions: Journey through the mind and body', 1994