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Academic Positions:

Associate Professor, University of California, Davis, July 2008- present.

Unit Leader, Brain, Mind and Behavior Unit, California National Primate Research Center, Sept 2009- present.

Staff Scientist, California National Primate Research Center, August 2008- present.

Assistant Professor, University of California, Davis, July 2004- June 2008.

Visiting Research Assistant Professor, University of Illinois at Chicago, 2003-2004.

Education and Training:

Post-doctoral Fellow, University of Illinois, Chicago, and University of Maryland, College Park, 2000 - 2003. Advisor: C. Sue Carter. Title: Developmental Consequences of Oxytocin in Male Prairie Voles.

Ph.D. in Biology, University of Maryland, 2000. Advisor: James M. Dietz. Dissertation title: Mammalian Monogamy: Dominance, Hormones, and Maternal Care in Wild Golden Lion Tamarins.

M.A. in Anthropology, University of Tennessee, 1995. Advisor: Suzette D. Tardif. Thesis title: Parental Investment in the Common Marmoset (*Callithrix jacchus*): Demography and Behavior.

B.A. in Anthropology, Minor in Biology, Magna cum laude, University Honors and Honors in Anthropology, University of New Orleans, 1993. Advisor: Malcolm C. Webb. Senior Honors Thesis: Behavior in Captive Diana Monkeys.

Fellowships and Grants Received:

2009-2014 National Institute of Child Health and Human Development grant (R01). "Neurobiological mechanisms of social bonding in a monogamous primate". \$2,178,158.

2009 – 2012 National Institute of Child Health and Human Development grant (R21). "Effects of early experience on somatosensory systems in voles" \$409,754.

2009 – 2010 National Science Foundation Doctoral Dissertation Research, "The role of deltaFosB in social behaviors of the monogamous prairie vole (*Microtus ochrogaster*)." \$7,751.

- 2008 – 2011 National Science Foundation, “EMT Collaborative Research: Primate-based Heterogenous Mobile and Static Sensor Networks”. PI for UC-Davis portion. \$119,958.
- 2007—2011 National Institute for Drug Abuse, “Methamphetamine, stress and SIV: effects at blood-brain barrier and lymph nodes”, PI John Capitanio. \$2,760,750 (Total direct costs)
- 2006 – 2011 Grant from Good Nature Institute. “Neurobiology of social behavior in titi monkeys.” \$128,000.
- 2005 – 2010 National Institutes of Health (National Institute of Mental Health) grant (R01). “Effects of Early Experience.” Co-PI with C. Sue Carter years 1-3, PI for years 4-5. Total costs approximately \$2,000,000.
- 2004 – 2007 National Science Foundation ADVANCE grant, “Effects of Early Experience on Male Parental Care”. \$453,690 (total costs).
- 2004-2005 Pilot grant, California National Primate Research Center, “Functional Imaging of Social Bonding in Titi Monkeys”. \$20,000.
- 2005 Faculty Travel Grant, UC-Davis.
- 2004 International Neuropeptide Society Young Investigator Award
- 2002 Burroughs-Wellcome/American Society of Primatologists Young Investigator Award. \$10,000.
- 2002-2004 Co-PI (with C. Sue Carter), grant from National Alliance for Autism Research. \$120,000.
- 2000-2003 NIH post-doctoral NRSA fellowship, “Developmental Consequences of Oxytocin in Male Prairie Voles”.
- 1999 Biology of Small Populations Research Grant (2nd award)
Jacob K. Goldhaber Travel Grant
College of Life Sciences Travel Grant
- 1998 Biology of Small Populations Research Grant
- 1997 Grant from Friends of the National Zoo, jointly with K. Miller
- 1996 Sigma Xi Grant in Aid of Research
- 1995 National Science Foundation Predoctoral Fellowship
- 1995 University of Maryland Graduate Fellowship
New York Consortium of Evolutionary Primatology Graduate Fellowship
(declined)
- 1989 BellSouth National Merit Scholarship
Fred Roddy Scholarship to the University of Tennessee (declined)
Patrick Taylor National Merit Scholarship

Additional Honors:

- 2008 Ann Kelley Memorial Travel Fellow to the Winter Conference on Brain Research
- 1999 Honorable Mention in Student Paper Presentation Competition, American Society of Primatologists Annual Meeting, New Orleans
- 1993 Distinguished Student in Anthropology, University of New Orleans
- 1993 Magna cum laude, University Honors and Honors in Anthropology
- 1989 National Merit Scholar

Research Articles in Peer-Reviewed Journals:

- Greenberg, G., Van Westerhuyzen, J.A., Bales, K.L., Trainor, B.C. (in press) Is it all in the family? The effects of early social structure on neural-behavioral systems of prairie voles (*Microtus ochrogaster*). *Neuroscience*.
- Manoli, D.S., Subramanyam, D., Carey, C., Sudin, E., Van Westerhuyzen, J.A., Bales, K.L., Belloch, R., Shah, N.M. (in press) Generation of induced pluripotent stem cells from the prairie vole. *PLoS One*.
- Hostetler, C.M., Bales, K.L. (in press) DeltaFosB is increased in the nucleus accumbens by amphetamine but not social housing or isolation in the prairie vole. *Neuroscience*.
- Ragen, B.R., Mendoza, S.P., Mason, W.A., Bales, K.L. (in press) Differences in titi monkey (*Callicebus cupreus*) social bonds affect arousal, affiliation, and response to reward. *American Journal of Primatology*.
- Kenkel, W.M., Paredes, J., Yee, J.R., Pournajafi-Nazarloo, H., Bales, K.L., Carter, C.S. (in press) Neuroendocrine and behavioural responses to exposure to an infant in male prairie voles. *Journal of Neuroendocrinology*.
- Jarcho, M.R., Mendoza, S.P., Bales, K.L. (2012) Hormonal and experiential predictors of infant survivorship and maternal behavior in a monogamous primate (*Callicebus cupreus*). *American Journal of Primatology* 74:462-470.
- Bales, K.L., Perkeybile, A.M. (2012) Developmental experiences and the oxytocin receptor system. *Hormones and Behavior* 61:313-319.
- Hostetler, C.M., Harkey, S.L., Krzywosinski, T.P., Aragona, B.J., Bales, K.L. (2011) Neonatal exposure to the D1 agonist SKF38393 inhibits pair-bonding in the adult prairie vole. *Behavioural Pharmacology* 22: 703-710.
- Hostetler, C.M., Kowalczyk, A.S., Griffin, L.L., Bales, K.L. (2011) CART peptide following social novelty in the prairie vole (*Microtus ochrogaster*). *Brain Research* 1414:32-40.

- Chen, E.C., Yagi, S., Kelly, K.R., Mendoza, S.P., Maninger, N., Rosenthal, A., Spinner, A., Bales, K.L., Schnurr, D.P., Lerche, N.W, Chiu, C.Y. (2011) Cross-species transmission of a novel adenovirus associated with a fulminant pneumonia outbreak in a titi monkey colony. *PLoS Pathogens* 7: e1002155. PMID: 3136464
- Bales, K.L., Boone, E., Epperson, P., Hoffman, G., Carter, C.S. (2011) Are behavioral effects of early experience mediated by oxytocin? *Frontiers in Child and Neurodevelopmental Psychiatry* 2: 1-12. PMID: 3098714
- Jarcho, M.R., Mendoza, S.P., Mason, W.A., Yang, X., and Bales, K.L. (2011) Intranasal vasopressin affects pair-bonding and peripheral gene expression in male *Callicebus cupreus*. *Genes, Brain, and Behavior* 10: 375-383. PMID: 3086990
- Laugero, K.D., Smilowitz, J.T., German, J.B., Jarcho, M.R., Mendoza, S.P., and Bales, K.L. (2011) Plasma omega 3 polyunsaturated fatty acid status and monounsaturated fatty acids are altered by chronic social stress and predict endocrine responses to acute stress in titi monkeys. *Prostaglandins, Leukotrienes, and Essential Fatty Acids* 84:71-78. PMID: 21211954
- Stone, A.I., and Bales, K.L. (2010) Intergenerational transmission of the behavioral consequences of early experience in prairie voles. *Behavioural Processes* 84: 732-738. PMID: 20457234
- Hostetler, C.M., Harkey, S.L., and Bales, K.L. (2010) D2 antagonist during development decreases anxiety and infanticidal behavior in adult female prairie voles (*Microtus ochrogaster*). *Behavioral Brain Research* 210: 127-130. PMID: 20152865
- Stone, A.I., Mathieu, D., Griffin, L.L., Bales, K.L. (2010) Alloparenting experience affects future parental behavior and reproductive success in prairie voles. *Behavioural Processes* 83: 8-15. PMID: 19732810
- Campi, K.L., Bales, K.L., Grunewald, R., Krubitzer, L.A. (2010) Connections of auditory and visual cortex in the prairie vole (*Microtus ochrogaster*): Evidence for multisensory processing in primary sensory areas. *Cerebral Cortex*. 20: 89-108. PMID: 19395525
- Campbell, J.C., Laugero, K.D., van Westerhuyzen, J.A., Hostetler, C.M., Cohen, J.D., Bales, K.L. (2009) Costs of pair-bonding and parenting in male prairie voles (*Microtus ochrogaster*). *Physiology & Behavior* 98: 367-373. PMID: 19576326
- Zhang, Y., Xiao, Y., Bales, K.L. (2009) Primate social systems, scent-marking, and their applications in mobile and static sensor networks. *International Journal of Sensor Networks* 5: 210-222.
- Carter, C.S., Boone, E.M., Pournajafi-Nazarloo, H., Bales, K.L. (2009) The consequences of early experiences and exposure to oxytocin and vasopressin are sexually dimorphic. *Developmental Neuroscience* 31: 332-341. PMID: 19546570
- Carter, C.S., Boone, E.M., Bales, K.L. (2008) Early experience and the developmental programming of oxytocin and vasopressin. In *Neurobiology of the Parental Brain*, ed. R.S. Bridges. New York: Academic Press, pp. 417-433.

Chau, M.J., Stone, A.I., Mendoza, S.P., Bales, K.L. (2008) Is play behavior sexually dimorphic in monogamous species? *Ethology* 114: 989-998.

Samuel, P.A., Hostetler, C.M., Bales, K.L. (2008) Urocortin II increases spontaneous parental behavior in prairie voles (*Microtus ochrogaster*). *Behavioural Brain Research* 186: 284-288. PMID: 2279148

Bales, K.L., Mason, W.A., Catana, C., Cherry, S.R., and Mendoza, S.P. (2007) Neural correlates of pair-bonding in a monogamous primate. *Brain Research* 1184: 245-253. PMID: 2387250

Bales, K.L., van Westerhuyzen, J.A., Lewis-Reese, A.D., Grotte, N., Lanter, J.A., Carter, C.S. (2007) Oxytocin has dose-dependent developmental effects on pair-bonding and alloparental care in female prairie voles. *Hormones and Behavior* 52: 274-279. PMID: 1978481

Bales, K.L., Lewis-Reese, A.D., Pfeifer, L.A., Kramer, K.M., and Carter, C.S. (2007) Early Experience Affects the Traits of Monogamy in a Sexually Dimorphic Manner. *Developmental Psychobiology* 49: 335-342.

Campi, K., Carlen, S.J., Bales, K.L., and Krubitzer, L. (2007) The Organization of Sensory Neocortex in Prairie Voles (*Microtus ochrogaster*). *Journal of Comparative Neurology* 502: 414-426.

Bales, K.L., Plotsky, P.M., Young, L.J., Lim, M.M., Grotte, N., Ferrer, E., and Carter, C.S. (2007) Neonatal Oxytocin Manipulations Have Long-lasting, Sexually Dimorphic Effects on Vasopressin Receptors. *Neuroscience* 144: 38-45.

Miller, K., Bales, K.L., Ramos, J., and Dietz, J.M. (2006) Energy Intake, Energy Expenditure, and Reproductive Costs of Female Wild Golden Lion Tamarins (*Leontopithecus rosalia*). *American Journal of Primatology* 68: 1037-1053.

Tardif, S., Bales, K.L., Williams, L., Moeller, E.L., Abbott, D., Schultz-Darken, N., Mendoza, S., Mason, W., Bourgeois, S., and Ruiz, J. (2006) Preparing New World Monkeys for Laboratory Research. *ILAR Journal* 47: 307-315.

Bales, K.L., Kramer, K.M., Lewis-Reese, A.D., and Carter, C.S. (2006) Effects of Stress on Parental Care are Sexually Dimorphic in Prairie Voles. *Physiology & Behavior* 87: 424-429.

Bales, K.L., French, J.A., McWilliams, J., Lake, R.A., Dietz, J.M. (2006) Effects of Social Status, Age, and Season on Androgen and Cortisol Levels in Wild Male Golden Lion Tamarins (*Leontopithecus rosalia*). *Hormones and Behavior* 49:88-95.

Bales, K.L., French, J.A., Hostetler, C.M., Dietz, J.M. (2005) Social and Reproductive Factors Affecting Cortisol Levels in Wild Female Golden Lion Tamarins (*Leontopithecus rosalia*). *American Journal of Primatology* 67: 25-35.

Bales, K.L., Abdelnabi, M., Cushing, B.S., Ottinger, M.A., and Carter, C.S. (2004) Effects of Neonatal Oxytocin Manipulations on Male Reproductive Potential in Prairie Voles. *Physiology & Behavior* 81: 519-526.

Bales, K.L., Kim, A.J., Lewis-Reese, A.D, and Carter, C.S. (2004) Both Oxytocin and Vasopressin May Influence Alloparental Care in Male Prairie Voles. *Hormones and Behavior* 45: 354-361.

Tardif, S.D., and Bales, K.L. (2004) Relations Among Birth Condition, Maternal Condition, and Post-natal Growth in Captive Common Marmoset Monkeys (*Callithrix jacchus*). *American Journal of Primatology* 62:83-94.

Bales, K.L., Pfeifer, L. A., and Carter, C.S. (2004) Sex Differences and Developmental Effects of Manipulations of Oxytocin on Alloparenting and Anxiety in Prairie Voles. *Developmental Psychobiology* 44:123-131.

French, J.A., Bales, K.L., Baker, A.J., and Dietz, J.M. (2003) Endocrine Monitoring of Dominant and Subordinate Females in Free-Ranging Golden Lion Tamarins. *International Journal of Primatology* 24:1281- 1299.

Bales, K., and Carter, C.S. (2003) Sex Differences and Developmental Effects of Oxytocin on Aggression and Social Behavior in Prairie Voles (*Microtus ochrogaster*). *Hormones and Behavior*, special issue on Aggressive and Violent Behavior 44:178-184.

Bales, K., and Carter, C.S. (2003) Developmental Exposure to Oxytocin Facilitates Partner Preferences in Male Prairie Voles (*Microtus ochrogaster*). *Behavioral Neuroscience* 117:854-859.

Bales, K., French, J.A., and J.M. Dietz (2002). Explaining Variation in Maternal Care in a Cooperatively Breeding Mammal. *Animal Behaviour* 63:453-461.

Bales, K., O'Herron, M., Baker, A.J., and J.M. Dietz (2001) Sources of Variability in Numbers of Live Births in Wild Golden Lion Tamarins (*Leontopithecus rosalia*). *American Journal of Primatology* 54:211-221.

Bales, K., Dietz, J., Baker, A., Miller, K., and S.D. Tardif (2000). The Effects of Allocaregivers on Fitness of Infants and Parents in Callitrichid Primates. *Folia Primatologica* 71:27-38.

Tardif, S.D., Jaquish, C., Layne, D., Bales, K., Power, M., Power, R., and Oftedal, O. (1998). Growth Variation in Common Marmoset Monkeys (*Callithrix jacchus*) fed a Purified Diet: Relation to Care-giving and Weaning Behaviors. *Laboratory Animal Science* 48:264-269.

Tardif, S.D., and K. Bales (1997) Is Infant Carrying a Courtship Strategy in Captive Callitrichids? *Animal Behaviour* 53: 1001 - 1007.

Peer-Reviewed Book Chapters

Bales, K.L., Jarcho, M.R. (in press) Fathering in non-human primates. In: *Handbook of Father Involvement: Multidisciplinary Perspectives*, eds. N. Cabrera, C.S. Tamis-LeMonda, Taylor and Francis, Inc.

Ragen, B., Bales, K.L. (in press) Oxytocin and vasopressin in non-human primates. In: *Oxytocin, Vasopressin and Related Peptides in the Regulation of Behavior.*, eds. E. Choleris and M. Kavaliers, Cambridge University Press.

Bales, K.L., Maninger, N., Hinde, K. (2012) New directions in the neurobiology and physiology of paternal care. In: *New Directions in Close Relationships*, eds. O. Gillath, G. Adams, A. Kunkel, American Psychological Association, pp. 91-111.

Bales, K.L., Kitzmann, C.D. (2011) Animal models for computing and communications: Past approaches and future challenges. In: *Bio-inspired Communicating and Computing Networks*, eds. Yang Xiao and Fei Hu, Auerbach Publications, CRC Press, pp. 3-18.

Bales, K.L., Hostetler, C.M. (2010) Hormones and reproductive cycles in rodents. In: *Hormones and Reproduction of Vertebrates*, Vol. 5, eds. David O. Norris and Kristin H. Lopez, Elsevier, pp. 215-240.

Bales, K.L., Carter, C.S. (2009) Neuroendocrine mechanisms of social bonds and child-parent attachment, from the child's perspective. In *Handbook of Developmental Social Neuroscience*, eds. M. Gunnar and M. de Haan, Guilford Press, pp. 246-264.

Carter, C.S., Boone, E., Grippo, A.J., Ruscio, M.G., Bales, K.L. (2009) The endocrinology of social relationships in rodents. In *The Endocrinology of Social Relationships*, eds. P. Gray and P. Ellison. Cambridge: Harvard University Press, pp. 121 – 137.

Carter, C.S., Boone, E.M., Bales, K.L. (2008) Early experience and the developmental programming of oxytocin and vasopressin. In: *Neurobiology of the Parental Brain*, ed. Robert Bridges, Academic Press, pp. 417-434.

Bales, K.L., and C.S. Carter (2007) Neuropeptides and the Development of Social Behaviors: Implications for Adolescent Psychopathology. In *Adolescent Psychopathology and the Developing Brain*, eds. D. Romer and E. Walker, Oxford University Press, pp. 173-196.

Baker, A., Bales, K., and J.M. Dietz (2002) Mating System and Group Dynamics in Golden Lion Tamarins (*Leontopithecus rosalia*). In *Lion Tamarins: Biology and Conservation*, D.G. Kleiman & A.B. Rylands, Eds. Washington, D.C.: Smithsonian Institution Press, pp. 188-212.

French, J.A., de Vleeschouwer, K., Bales, K., and M. Heistermann (2002). Reproductive Biology of Lion Tamarins. In *Lion Tamarins: Biology and Conservation*, D.G. Kleiman & A.B. Rylands, Eds. Washington, D.C.: Smithsonian Institution Press, pp. 133 – 156.

Reviews and Commentaries:

Bales, K.L. (2011) The value of unusual animal models for alcohol research. A commentary on: Anacker, Loftis, and Ryabinin, "Alcohol intake in prairie voles is influenced by the drinking level of a peer". *Alcoholism: Clinical and Experimental Research* 35:1379-1380.

Bales, K.L. (2010) Family Life on the Prairie. *Frontiers in Neuroscience* 4: 169.

Bales, K.L. (2006) Book Review: *Behavioral Flexibility in Primates: Causes and Consequences* by Clara B. Jones. *Quarterly Review of Biology* 81: 307-308.

Carter, C.S., Bales, K.L., and Porges, S.W. (2005). Neuropeptides influence expression of and capacity to form social bonds. Commentary on: "A neurobehavioral model of affiliative bonding: Implications for conceptualizing a human trait of affiliation" by Richard A. Depue and Jeannine V. Morrone-Strupinsky. *Behavioral Brain Sciences* 28: 353-354.

Bales, K.L. (2003) Book Review: Pheromones and Animal Behaviour by Tristram D. Wyatt. *International Journal of Primatology* 24:1367-1369.

Selected Abstracts:

Hinde, K., Maninger, N.M., Mendoza, S.P., Mason, W.A., Rowland, D.J., Wang, G.B., Kukis, D., Cherry, S.R., Bales, K.L. (2010) D1 dopamine receptor binding potential as a function of pair-bond status in monogamous titi monkeys (*Callicebus cupreus*). *Society for Neuroscience*, San Diego, CA, Nov. 13-17.

Maninger, N.M., Hinde, K., Mendoza, S.P., Mason, W.A., Cherry, S.R. (2010) Where does monogamy reside in the brain? A functional imaging study of pair-bonding in the titi monkey (*Callicebus cupreus*). *Society for Neuroscience*, San Diego, CA, Nov. 13-17.

Perkeybile, A.M., Griffin, L., Seelke, A.M.H., Krubitzer, L., Bales, K.L. (2010) Social behavior and S1 representation in prairie voles are altered by variation in early parental care. *Society for Neuroscience*, San Diego, CA, Nov. 13-17.

Ragen, B.R., Mendoza, S.P., Mason, W.A., Bales, K.L. (2010) Social bonds in titi monkeys (*Callicebus cupreus*) affect arousal, affiliation, and response to reward. *Society for Neuroscience*, San Diego, CA, Nov. 13-17.

Maninger, N.M., Mendoza, S.P., Hinde, K., Tardif, S.D., Laugero, K.D., Bales, K.L. (2010) Is high urinary glucose in captive titi monkeys (*Callicebus cupreus*) related to social condition and hypercortisolemia? A presentation of clinical cases. *American Journal of Primatology* 72:52.

Perkeybile, A.M., Mason, W.A., Mendoza, S.P., Bales, K.L. (2010) A transactional analysis of infant transfers from birth to three months in the titi monkey (*Callicebus cupreus*). *American Journal of Primatology* 72: 39.

Ragen, B.R., Mendoza, S.P., Mason, W.A., Bales, K.L. (2010) Social bonds in titi monkeys (*Callicebus cupreus*) affect arousal, affiliation, and reward. *American Journal of Primatology* 72:58.

Jarcho, M.R., Mason, W.A., Mendoza, S.P., and Bales, K.L. (2009) Hormonal and experiential predictors of infant survivorship and maternal behavior in a monogamous primate. *American Journal of Primatology* 71 (S1): 87.

Boone, E.M., Sanzenbacher, L.L., Stanfill, S.D., Bales, K.L., Carter, C.S. (2009) Oxytocin injections in early life reversed negative behavioral effects of repeated handling. *Society for Neuroscience Abstracts* 468.12.

Campbell, J., Laugero, K.D., Cohen, J.D., van Westerhuyzen, J.A., Hostetler, C.M., Bales, K.L. (2009) Costs of male parenting in prairie voles. *Prairie Vole Meeting*, p. 10.

van Westerhuyzen, J.A., Abhari, B., Fung, C.J., Richter, M., and Bales, K.L. (2009) Effects of early experience on partner preference are sexually dimorphic. *Prairie Vole Meeting*, p. 45.

Hostetler, C.M., Harkey, S.L., and Bales, K.L. (2009) Developmental effects of dopamine manipulations on anxiety, alloparenting, and partner preference in the prairie vole. *Prairie Vole Meeting*, p. 51.

Hostetler, C.M., and Bales, K.L. (2009) DeltaFosB expression in the nucleus accumbens following prairie vole heterosexual cohabitation. *Society for Neuroscience Abstracts* 684.9.

Bales, K.L., Jarcho, M.R., Mason, W.A., and Mendoza, S.P. (2008) Intranasal vasopressin administration modulates pair-bonding in monogamous titi monkeys (*Callicebus cupreus*). *International Primatological Society Meeting*, Edinburgh, Scotland.

Kitzmann, C.D., Main, D.E., Mendoza, S.P., Mason, W.A., and Bales, K.L. (2008) Vocal behavior of adult monkeys (*Callicebus cupreus*) in a separation paradigm. *American Journal of Primatology* 70(S): 58.

Weinstein, T.A.R., Bales, K.L., and Capitanio, J.P. (2008) Temperament and involvement in affiliative relationships predict later plasma concentrations of vasopressin, but not oxytocin, in juvenile rhesus macaques (*Macaca mulatta*). *American Journal of Primatology* 70(S):30.

Jarcho, M.R., Mason, W.A., Mendoza, S.P., and Bales, K.L. (2008) Intranasal vasopressin effects on pair-bonding and gene expression in monogamous titi monkeys (*Callicebus cupreus*). *American Journal of Primatology* 70(S): 26.

Bales, K.L., Jarcho, M.R., Mason, W.A., and Mendoza, S.P. (2008) Intranasal vasopressin affects pair-bonding and gene expression in monogamous titi monkeys (*Callicebus cupreus*). *Society for Neuroscience Abstracts* 864.10.

Sanzenbacher, L.L., Narayanan, M., Bales, K.L., and Carter, C.S. (2008) Oxytocin injections in early life reversed negative behavioral effects of repeated handling and increased endogenous oxytocin. *Developmental Psychobiology* 50: 745.

Hostetler, C.M., Harkey, S.L., and Bales, K.L. (2008) Sex differences and developmental effects of dopamine manipulations on alloparenting and anxiety in the monogamous prairie vole (*Microtus ochrogaster*). *Developmental Psychobiology* 50: 731.

Bales, K.L., Dietz, J.M., Baker, A.J., Mason, W.A., and Mendoza, S.P. (2007) Perspectives on cooperative breeding from golden lion tamarins and coppery titi monkeys. *American Journal of Primatology* 69:128.

Kitzmann, C.D., Mendoza, S.P., Mason, W.A., Blozis, S.A., and Bales, K.L. (2007) Neuroendocrine mechanisms of paternal behavior in the titi monkey (*Callicebus cupreus*). *American Journal of Primatology* 69:82.

Jarcho, M.R., Mendoza, S.P., Mason, W.A., Blozis, S.A., and Bales, K.L. (2007) Neuroendocrinology of maternal behavior in captive titi monkeys (*Callicebus cupreus*). *American Journal of Primatology* 69:81.

Hostetler, C.M., Mendoza, S.P., Mason, W.A., and Bales, K.L. (2007) Neuroendocrinology of alloparental care in titi monkeys (*Callicebus cupreus*). *American Journal of Primatology* 69: 58.

Paredes, J., Bales, K.L., Pournajafi-Nazarloo, H., Carter, C.S. (2007) Exposure to an infant facilitates pair bonding in socially monogamous prairie voles. Society for Neuroscience Abstracts 84.8.

Bales, K.L., Stone, A.I., Boone, E.M., and Carter, C.S. (2007) Long-term and intergenerational effects of early handling on oxytocin, pair-bonding, and parenting in monogamous prairie voles. Society for Neuroscience Abstracts 209.15.

Bales, K.L., Mathieu, D., Epperson, P.E., Hoffman, G.E., and Carter, C.S. (2006) Responses of vasopressin-ir cells to pup exposure are influenced by early experience. Society for Neuroscience Annual Meeting Abstracts, 661.13.

Bales, K.L., Mason, W.A., Cherry, S.R., and Mendoza, S.P. (2005) Functional imaging of social bonding in titi monkeys (*Callicebus cupreus*). Society for Neuroscience Abstracts 420.11.

Boone, E.M., Lewis-Reese, A.D., Carter, C.S., and K.L. Bales (2005) Developmental Effects of Early Life Manipulation on Parental Behavior in Prairie Voles. Society for Neuroscience Abstracts, 420.2.

Bales, K.L. (2005) Prolactin and Oxytocin in Non-Human Primates: Not Just for Milk. American Journal of Primatology 66:71-72.

Bales, K.L., Kramer, K.M., Hostetler, C.M., Capitanio, J.P., and Mendoza, S.P. (2005) Validation of Oxytocin and Vasopressin Plasma Assays for Primates: What Can Blood Tell Us? American Journal of Primatology 66: 73.

Howell, S., Bales, K., Evans, T.A., Jaffe, B., Westergaard, G., and Higley, J. (2005) The Association Between the Neuropeptides Oxytocin (OT) and Vasopressin (AVP) and the Behavior of Free-Ranging Female Rhesus Macaques (*Macaca mulatta*). American Journal of Primatology 66:75.

Bales, K.L., Kramer, K.M., Lewis-Reese, A.D., and Carter, C.S. (2005) Effects of Stress on Parental Care are Sexually Dimorphic in Prairie Voles. Hormones and Behavior 48: 87-88.

Hostetler, C.M., and Bales, K.L. (2005) Social Stimuli and Anesthesia Effects on Corticosterone and Local Cerebral Glucose Metabolism in Prairie Voles. Hormones and Behavior 48:106.

Samuel, P.A., and Bales, K.L. (2005) Effects of Urocortin II on Parental Care, Anxiety, and Neuroendocrine Hormones in Prairie Voles (*Microtus ochrogaster*). Hormones and Behavior 48:125.

Bales, K.L. (2004) Primates, Prairie Voles, and the Physiology of Love and Fear. American Journal of Primatology 62(S1):83. Invited talk at the American Society of Primatologists Annual Meeting, Madison, WI.

Bales, K.L., and Carter, C.S. (2004) Early Exposure to Peptides Affects Adult Social Behaviors. Regulatory Peptides, in press.

- Bales, K., Lewis-Reese, A., and Carter, C.S. (2003) Neonatal Handling Affects Male Monogamous Behaviors in Prairie Voles (*Microtus ochrogaster*). *Developmental Psychobiology* 43:246.
- Bales, K.L., Smith, L.G., LaPrairie, J., Plotsky, P.M., and Sanchez, M.M. (2003) Mapping of Urocortin II and III in Rhesus Macaque Brain. *American Journal of Primatology* 60:120.
- Bales, K.L., O'Herron, M.M., Baker, A.J., Dietz, J.M. (2003) Are Lion Tamarins a Good Model for the Trivers-Willard Hypothesis? *American Journal of Primatology* 60:40.
- Kim, A., Bales, K.L., and Carter, C.S. (2003) Pup Exposure Influences the Development of a Partner Preference in Prairie Voles. *Hormones and Behavior* 44:58.
- Bales, K.L. (2002) Maternal Care in Wild Golden Lion Tamarins (*Leontopithecus rosalia*): From First Solid Food through Weaning. *American Journal of Primatology* 57:14.
- Bales, K., and Carter, C.S. (2002) Oxytocin Facilitates Parental Care in Female Prairie Voles (But Not in Males). *Hormones and Behavior* 41:456.
- Bales, K.L., O'Herron, M.M., Baker, A.J., and Dietz, J.M. (2001) Sources of Variability in Number of Live Births in Wild Golden Lion Tamarins. *American Journal of Primatology* 54:76.
- Bales, K.L., and Carter, C.S. (2001) Neonatal Treatment with Oxytocin Affects Selective Sociality in Male Prairie Voles. *Hormones and Behavior* 40:324.
- Bales, K.L., Abdelnabi, M., and Carter, C.S. (2001) Neonatal Injections Affect Reproductive Parameters in Male Prairie Voles. *Hormones and Behavior* 40:324.
- Pfeifer, L., Bales, K., and Carter, C.S. (2001) Neonatal Administration of Oxytocin Affects Alloparental Behavior in Male Prairie Voles. *Hormones and Behavior* 40:344.
- Bales, K.L., French, J.A., and Dietz, J.M. (2000) Reproductive and Social Influences on Fecal Cortisol Levels in Wild and Reintroduced Female Golden Lion Tamarins. *American Journal of Primatology* 51:40.
- Bales, K., and J. M. Dietz (1999) A New 'Founder Effect': Dominance in Wild Golden Lion Tamarins. *American Journal of Primatology* 49(1):31 (abstract). Abstract also available on the American Society of Primatologists' web page (www.asp.org) under the heading Student Prize Abstracts.
- Popular Media Exposure:**
- Peyton Dahlberg, S. (2007) "At UC-Davis, Monkey Dads are Nurturers". *Sacramento Bee*, Jan. 23, 2007.
- Kuchinskas, S. (2005) "The Commitment Chemical". *American Way*, Nov. 1, 2005, pgs. 36-38.
- Madsen, A.J. (2005) "Forelskelse er Psykose; Koerlighed er fornuft". *Illusteret Videnskab*, 3:24-31 (photo credit).
- Wax, H. (2004) "Caring for Children is its Own Reward". *Science and Theology News*, http://www.stnews.org/archives/2004_february/altr_caring_0204.html

Jacobson, L. (1999) "For Tamarins, It Takes a Village". The Washington Post, p. A11, Oct. 11.

Classes Taught:

Biol 106, Freshman Biology, University of Maryland Fall 2000
Psyc 121, Physiological Psychology, University of California, Davis Every Fall 2004-2011, plus Spring 2008
Psyc 123, Hormones and Behavior, University of California, Davis Every Spring 2005-2011
Psyc 290, Neurobiology of Addiction, Fall 2008
Psyc 208, Graduate Physiological Psychology, Spring 2012

Professional Memberships:

Society for Behavioral Neuroendocrinology
Society for Neuroscience
American Society of Primatologists
International Primatological Society
Sigma Xi, University of Maryland Chapter
New York Academy of Sciences
Animal Behavior Society
International Society for Developmental Psychobiology

Professional Service:

2012 External reviewer, Interdisciplinary Studies Field Major, UC-Berkeley

2011-present Member, Biobehavioral Regulation, Learning, and Ethology NIH study section

2011 Animal Behavior Doctoral Dissertation Improvement grant review panel, Spring 2011

2010 President-elect, American Society of Primatologists (to take office 2012)

2010 Member, National Institutes of Health study section on Human-Animal Interaction

2008-2011 Animal Behavior review panel, National Science Foundation (Spring 2008, Spring 2009, Spring 2010, Spring 2011)

2008 -present Review editor, American Journal of Primatology

2006-2010 Treasurer, American Society of Primatologists

2006 Reviewer for grant proposals, Leakey Foundation

2005, 2012 Reviewer for grant proposals, Israel Science Foundation

2004 – 2006 Co-Chair of Research and Development committee, American Society of Primatologists

- 2003 – 2004 Chair of Small Animal Subcommittee, Animal Care and Use Committee,
University of Illinois at Chicago
- 2003 -- present Member, Editorial Board, International Journal of Primatology
- 2002 Chair of Teaching Subcommittee, Animal Care and Use Committee,
University of Illinois at Chicago
- 2001- 2004 Member of research and development committee, American Society of
Primatologists
- 2001 - present Reviewed submissions to Hormones and Behavior, American Journal of
Physical Anthropology, Behavioral Ecology, Behavioral Ecology and Sociobiology, Zoo
Biology, American Journal of Primatology, Biology of Reproduction, International Journal of
Primatology, Proceedings of the Royal Zoological Society of London, Regulatory Peptides,
Ethology, Peptides, Alcoholism: Clinical and Experimental Research, Animal Behaviour,
Biological Psychiatry, Developmental Science, General and Comparative Endocrinology,
International Journal of Environmental Research and Public Health, Journal of Experimental
Zoology Part A: Ecological Genetics and Physiology, Neuroscience, Physiology & Behavior,
Progress in Neuro-Psychopharmacology & Biological Psychiatry, Psychoneuroendocrinology
- 2000 - present Reviewer for grant proposals for NSF, Physical Anthropology and Animal
Behavior
- 1999 – 2000 Graduate student representative to the Life Sciences Advisory Committee
Graduate student member, search committee for position in neuroscience
- 1998 – 1999 Tutoring, Biometrics

Invited Presentations have been given at the following institutions:

Interdisciplinary Center, Herzliya, Fifth Herzliya Symposium on Personality and Social
Psychology, April 2-5, 2012, Herzliya, Israel
Department of Psychology, UC-Merced, January 2012.
Neuroscience Program, University of Texas Health Sciences, San Antonio, October 2011.
International Academy of Sex Research Annual Meeting, Aug.10-13, 2011, Los Angeles, CA.
Simons Foundation, April 12, 2011. New York, New York.
Conference on Neuroscience of Parenting, Feb. 23-24, 2010, Tempe, Arizona.
UCLA Center for Behavior, Evolution, and Culture, Los Angeles, CA, Feb. 8, 2010.
Cognitive and Biopsychology Brown-bag, University of Nebraska, Lincoln, Feb. 1, 2010.
New Directions in Close Relationships: Integrating Across Disciplines and Theoretical
Approaches, a meeting of the International Association for Relationship Research. November
5 -7, 2009. Lawrence, Kansas.
Mini-symposium on Socioecological Foundations of Intimacy. November 4, 2009, Lawrence,
Kansas.
University of California, Riverside (April 2007)
Workshop on Steroid Hormones, Breckenridge, CO (April 2007)
Annenberg Public Policy Center, Univ. of Pennsylvania (June 2005)
Institute for Personality and Social Research, Berkeley (Sept. 2004)
University of Chicago Institute for Mind and Biology (2001 and 2003)
National Zoo (twice)

University of Pennsylvania
National Institutes of Health
Several elementary/secondary schools in the U.S. and Brasil
Invited speaker, 2004 Annual Meeting of the American Society of Primatologists