

## CURRICULUM VITA

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Born: 9 May 1954  
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### **Education:**

Undergraduate: ***St. Olaf College, Northfield, MN (1972-1976).***  
B.A. with Distinction in Psychology;

Graduate: ***Bucknell University, Lewisburg, PA (1976-1978).***  
M.A. in Animal Behavior; D. K. Candland, advisor.

***University of Wisconsin, Madison, WI (1978-1982).***  
Ph.D. in Biological Psychology (August, 1982); C. T. Snowdon, advisor.

### **Appointments:**

Director, Neuroscience Program, UNO, 2009 – 2019

Varner Professor of Psychology and Neuroscience, 2000 – 2020  
Kayser Professor of Psychology, 1992 – 1998

Professor, Psychology, University of Nebraska at Omaha, 1991-present.  
Adjunct Professor, Biology, UNO, 1991-present.

Associate Professor, Psychology, University of Nebraska at Omaha, 1985-1991.  
Adjunct Associate Professor, Biology Department, UNO, 1985-1991.

Assistant Professor, Psychology, UNO, 1982-1985.  
Adjunct Assistant Professor, Biology, UNO, 1983-1985.

### **Other Appointments:**

Visiting Scientist, Centro de Primatologia do Rio de Janeiro, 1990.  
Affiliate Scientist, Physiological Ethology Program, Wisconsin National Primate Center, Madison, WI, 1988-2000.  
Affiliate Scientist, Southwest National Primate Center, San Antonio, TX, 2002 – present.  
Adjunct Professor, Department of Psychology, University of Nebraska, Lincoln, 2009 – present.

### **Publications (*h-index* = 44; *i10 index* = 113, *RG* = 42.2):**

164. Zhu, L., Van Haute, M.J.S., Yang, Q., Kok, C.R., Gomes-Neto, J.C., Pavlovskij, N., Pillai, R., Sinha, R., Hassenstab, H.R., Mustoe, A.C., Moriyama, E.N., Hutkins, R., French, J.A., Benson, A.K. (2020, in press). Unique genomic content among individual species of *Bifidobacterium* that colonize captive

common marmosets (*Callithrix jacchus*) throughout their life history points toward species-specific adaptation to distinct metabolic niches.

163. Malukiewicz, J., Boere, V., Borstelmann de Oliveira, M.A., D'Arc, M., Ferreira, J.V.A., French, J.A., Houman, G., de Souza, C.A.I., Jerusalinsky, L. de Melo, F.R., Valenca-Montenegro, M.M., Moreira, S.B., Silva, I.O., Pacheco, F.S., Rogers, J., Pissinatti, A., Rosario, R., Ross, C., Ruiz-Miranda, C.R., Pereira, L.C.M., Schiel, N., da Silva, F.F., Souto, A., Slipogor, V., Tardif, S.D. (2020, in press). An introduction to the *Callithrix* genus and overview of recent advances in marmoset research. **ILAR Journal**.
162. Zhu, L., Van Haute, M.J.S, Hassenstab, H.R., Smith, C., Rose, D.J., Mustoe, A.C., Benson, A.K., French, J.A. (2020). Fecal short-chain fatty acid concentrations increase in newly-paired male marmosets (*Callithrix jacchus*). **mSphere**, 5(5), 00794-20.
161. Zhu L., Clayton J., Van Haute M.J.S., Yang Q., Hassenstab H., Mustoe A., Knights D., Benson A.K., French J.A. (2020). Sex bias in gut microbiome transmission in newly-paired marmosets (*Callithrix jacchus*). **mSystems**
160. Pierce, M.L., French, J.A., Murray, T.F. (2020). Comparison of the pharmacologic profiles of arginine vasopressin and oxytocin analogs at marmoset, titi monkey, macaque, and human oxytocin receptors. **Biomedicine and Pharmacotherapy**, 125
159. Mustoe, A., Schulte, N.A., Taylor, J.H., French, J.A., Toews, M.L. (2019). Leu<sup>8</sup> and Pro<sup>8</sup> oxytocin agonism differs across human, macaque, and marmoset vasopressin 1a receptors. **Scientific Reports**, 9, 1-10.
158. Pierce, M. L., Mehrotra, S., Mustoe, A. C., French, J. A., & Murray, T. F. (2019). A comparison of the ability of Leu<sup>8</sup>- and Pro<sup>8</sup>-Oxytocin to regulate intracellular Ca<sup>2+</sup> and Ca<sup>2+</sup>-activated K<sup>+</sup> channels at human and marmoset oxytocin receptors. **Molecular Pharmacology**, 95(4), 376-385.
157. Epstein, C.M., Houfek, J.F., Rice, M.J., Weiss, S.J., French, J.A., Kupzyk, K.A., Hammer, S.J., & Pullen, C.H. (2019). Early life adversity and depressive symptoms predict cortisol in pregnancy. **Archives of Women's Mental Health**, 1-11.
156. Taylor, J.H., Carp, S.B., French, J.A. (2019). Vasopressin, but not oxytocin, interacts with infant age to enhance responsiveness to infant stimuli in family-living marmosets (*Callithrix jacchus*). **Developmental Psychobiology**, 1-9.
155. Wong, R.Y., French, J.A., Russ, J. (2019). Differences in stress reactivity between zebrafish with alternative stress coping styles. **Royal Society Open Science**. 6.5
154. Carp, S.B., Taylor, J.H., French, J.A. (2019). Dopamine receptor manipulation does not alter patterns of partner preference in long-term marmoset pairs. **Physiology and Behavior**, 204, 290-296.
153. Pierce, M.L., Mehtora, S., Mustoe, A.C., French, J.A., Murray, T.F. (2019). A comparison of the ability of Leu<sup>8</sup>- and Pro<sup>8</sup>-oxytocin to regulate intracellular Ca<sup>2+</sup> and Ca<sup>2+</sup>-activated K<sup>+</sup> channels at human and marmoset oxytocin receptors. **Molecular Pharmacology**, 95, 376-385. doi.org/10.1124/mol.118.114744
152. Cavanaugh, J., Mustoe, A.M., French, J.A. (2018). Oxytocin modulates mate-guarding behavior in marmoset monkeys. **Hormones and Behavior**, 106, 150-161. doi.org/10.1016/j.yhbeh.2018.10.009

151. Taylor, J.H., Schulte, N.A., French, J.A., Toews, M.L. (2018). Binding characteristics of two oxytocin variants and vasopressin at oxytocin receptors from four primate species with different social behavior patterns. ***Journal of Pharmacology and Experimental Therapeutics***, 367.1, 101-107.
150. Mustoe A, Taylor JH, French JA. (2018). Oxytocin structure and function in New World monkeys: From pharmacology to behavior. ***Integrative Zoology***, 13, 634-654. PubMed PMID: 29436774.
149. Carp, S. B., Taylor, J. H., Womack, S. L., & French, J. A. (2018). Dopamine modulation of reunion behavior in short and long term marmoset pairs. ***Frontiers in Ecology and Evolution***, 6: 46. doi: 10.3389/fevo.
148. Cavanaugh, J., Mustoe, A., & French, J. A. (2018). Oxytocin regulates reunion affiliation with a pairmate following social separation in marmosets. ***American Journal of Primatology***, e22750.
147. French, J.A. (2018). The marmoset as a model in behavioral neuroscience and psychiatric research. ***The Common Marmoset in Captivity and Biomedical Research***, R. Marini & S.D. Tardif (Eds), New York: Elsevier Press
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145. Taylor, J.H., Cavanaugh, J., French, J.A. (2017). Neonatal oxytocin and vasopressin manipulation alter social behavior during the juvenile period in Mongolian gerbils. ***Developmental Psychobiology***, 59, 653-657. DOI: 10.1002/dev.21533
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143. Taylor, J.H., Intorre, A.A., French, J.A. (2017). Vasopressin and oxytocin reduce food sharing behavior in male, but not female marmosets in family groups. ***Frontiers in Endocrinology***, 8. doi: 10.3389/fendo.2017.00181.
142. French, J.A., Frye, B., Cavanaugh, J., Ren, D., Mustoe, A.C., Rapaport, L., Mickelberg, J. (2016). Gene changes may minimize masculinizing and defeminizing influences of exposure to male cotwins in female callitrichine primates. ***Biology of Sex Differences***, 7: 28, PMID: 27257473.
141. French, J.A. (2016). Genes, dopamine pathways, and sociality in primates. ***Proceedings of the National Academy of Sciences***, 113, 6325-6327. PMID: 27231218.
140. French, J.A., Mustoe, A.C., Cavanaugh, J., Taylor, J.H. (2016). Neuropeptide diversity and the regulation of social behavior in New World primates. ***Frontiers in Neuroendocrinology***, 42, 18-39. PMID: 27020799
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133. Ren, D., Lu, G., Moriyama, H., Mustoe, A.C., Harrison, E.B., French, J.A. (2015). Genetic diversity in oxytocin ligands and receptors in New World monkeys. **PLoS ONE**, e0125775. PMID: 25938568
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129. Vincent, W., Berg, K., Buresh, R., Latin, R., French, J., Meendering, J. (2015). Hormonal, lactate, and subjective responses to various resistance training protocols. **Gazzetta Medica Italiana**, 174, 1-11.
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123. Mustoe, A.C., Taylor, J.H., Birnie, A.K., Huffman, M.C., French, J.A. (2014). Gestational cortisol and social play shape development of marmosets' HPA functioning and behavioral responses to stressors. **Developmental Psychobiology**, 56, 1229-1243. PMID: 24510474

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121. Taylor, J.H., Mustoe, A.C., French, J.A. (2014). Behavioral responses to social separation stressor change across development and are dynamically related to HPA activity in marmosets. **American Journal of Primatology**, 76, 239-248. PMID: 24532179
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115. French, J.A. (2013). The role of androgenic steroids in shaping social phenotypes across the lifespan in male marmosets (*Callithrix* spp.) [Invited review paper]. **American Journal of Primatology**, 75, 212-221. PMID: 23335110
114. Lansing, S., French, J.A., Lonstein, J.S. (2013). Circulating plasma testosterone during early neonatal life in socially monogamous and biparental prairie vole (*Microtus orchrogaster*). **Psychoneuroendocrinology**, 38, 306-309. PMID: 22770983
113. Smith, A.S., Birnie, A.K., French, J.A. (2013). Prenatal androgens affect development and behavior in primates. In Clancy, K., Hinde, K., Rutherford, J. (Eds.) **Building Babies: Primate Development in Proximate and Ultimate Perspectives**. New York: Springer Press, pp. 103-132.
112. Mustoe, A.C., Jensen, H.A., French, J.A. (2012). Describing ovarian cycles, pregnancy characteristics, and the use of contraception in female white-faced marmosets, *Callithrix geoffroyi*. **American Journal of Primatology**, 74, 1044-1053.
111. Birnie, A.K., Hendricks, S.E., Smith, A.S., Millam, R., French, J.A. (2012). Maternal gestational androgen levels are associated with social play in juvenile white-faced marmosets (*Callithrix geoffroyi*). **Hormones and Behavior**, 62, 136-145.
110. Agmo, A., Smith, A.S., Birnie, A.K., French, J.A. (2012). Behavioral characteristics of pair bonding in the black tufted-ear marmoset (*Callithrix penicillata*). **Behaviour**, 149, 407-440.
109. Mustoe, A., Birnie, A.K., Korgan, A., Santo, J.B., French, J.A. (2011). Prenatal glucocorticoid exposure alters growth patterns in marmosets (*Callithrix geoffroyi*). **General and Comparative Endocrinology**, 175, 519-526.

108. French, J.A., Smith, A.S., Gleason, A.M., Birnie, A.K., Mustoe, A., Korgan, A. (2011). Stress reactivity in young marmosets (*Callithrix geoffroyi*): Ontogeny, stability, and lack of concordance among co-twins. **Hormones and Behavior**, 61, 196-203.
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106. Hulme, P.A., Agrawal, S., French, J.A. (2011). Changes in diurnal salivary cortisol levels in response to an acute stressor in healthy young adults. **Journal of the American Psychiatric Nurses Association**, 17, 339-349.
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103. Chaffin, M., Berg, K., French, J.A. (2011). Interleukin-6 and delayed onset muscle soreness do not vary during the menstrual cycle. **Research Quarterly for Exercise and Sport**, 82, 693-701.
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social relationships in Wied's black tufted-ear marmoset (*Callithrix kuhli*). **American Journal of Primatology**, 36, 185-200.

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8. Snowdon, C. T., Cleveland, J., and French, J. A. (1983). Responses to context- and individual-specific cues in cotton-top tamarin long calls. *Animal Behaviour*, 31, 92-101.
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5. French, J. A. & Snowdon, C. T. (1981). Sexual dimorphism in responses to unfamiliar intruders in the tamarin, *Saguinus oedipus*. *Animal Behaviour*, 29, 822-829.
4. French, J. A. (1981). Individual differences in play in *Macaca fuscata*: The role of maternal status and proximity. *International Journal of Primatology*, 2, 237-246.
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*oedipus*). In H. van der Starre (Ed.), ***Olfaction and taste VII***. Amsterdam: Elsevier Press.

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1. Candland, D. K., French, J. A., & Johnson, C. N. (1978). Test of a categorized model by the genesis of object-play in *Macaca fuscata*. In E. O. Smith (Ed.), ***Social play in primates***. New York: Academic Press.

## **Grants and Contracts**

### **CURRENT GRANTS**

**National Institutes of Health**, R01-HD89147, Eunice Shriver Kennedy Institute of Child Health and Human Development, "Oxytocin Ligand/Receptor Variants and Social Behavior", **Jeffrey A. French, PI**, \$1,500,000, 1 July 2016 – 30 June 2021.

**National Science Foundation**, OIA 1539067, Developmental Chronnecto-Genomics: A Next Generation Framework for Quantifying Brain Dynamics and Related Genetic Factors in Childhood. **Jeffrey A. French, UNO Site Coordinator**, \$2,946,389, 1 August 2015 – 31 July 2019.

**Jeff Raikes Foundation/Bill and Melinda Gates Foundation**, "Nebraska Food for Health Center", \$6,000,000. **Jeffrey A. French, Marmoset Resource Leader**, 1 June 2017 – 31 May 2020.

### **RECENTLY COMPLETED GRANTS**

**National Institutes of Health**, U54-GM115458 "Great Plains IDeA-CTR: Center for Translational Research", Matthew Rizzo, PI, UNMC, **Jeffrey A. French, UNO Institutional Coordinator**, \$19,880,000, 1 September 2016 – 31 August 2018

**Nebraska Food for Health Initiative**, "Primate Microbiomics", **Jeffrey A. French, co-PI**, \$150,000, 1 August 2015 – 30 June 2017.

**National Institutes of Health**, R01-HD42882, Eunice Shriver Kennedy Institute of Child Health and Human Development, "Parenting, Sibling Support, and Development", **Jeffrey A. French, PI**, \$1,900,000, 1 July 2002 – 30 November 2016.

**Nebraska Research Initiative**. "Next-gen Genomic Sequencing in Marmoset Monkeys". Robert Norgren, UNMC, PI; **Jeffrey A. French, co-PI**, \$100,000, June 2012 – May 2015.

**National Science Foundation**, Ecology Cluster. "Developmental Phenotypic Plasticity in Spotted Hyenas", Kay Holekamp, Michigan State University, PI, **Jeffrey A. French, co-PI**, \$450,000, September 2008 – August 2013.

**National Science Foundation**, Social and Behavioral Cluster. "Biological Substrates of Political Behavior", John R. Hibbing, University of Nebraska, Lincoln, PI, **Jeffrey A. French, co-PI**, \$500,000, October 2008 – December 2012.

**University of Nebraska Foundation**. "Enhancements to Endocrine Bioservices and Aquatic Toxicology Laboratories". **Co-PIs Jeffrey A. French** and Alan Kolok. \$122,000, April 2010 – March 2013.

### **PAST SUPPORT**

**National Science Foundation**, Graduate Research Fellowship. **Jeffrey A. French, Sponsor.**  
Awarded to Adam S. Smith, \$121,500, 6/1/08 – 5/31/10

**National Institute of Health**, National Center for Research Resources “Baboon Model for Primate Maternal Behavior”, Linda Brent, Southwest Foundation for Biomedical Research, PI; **Jeffrey A. French, co-PI.** Cumulative award, \$2,250,000. December 1998 – November 2008.

**Nebraska Game and Parks.** Contract for evaluating fecal glucocorticoids in bighorn sheep.  
**Jeffrey A. French, PI.** \$7,300. 1 January 2008 – 30 June 2008.

**National Science Foundation**, Integrative Organismal Biology, “Early Hormone Effects on Male Parental Care in Voles”, Joseph Lonstein, Michigan State University, PI; **Jeffrey A. French, co-PI.** \$300,000, 1 July 2005 – 30 June 2008.

**National Science Foundation**, Integrative Biology and Neuroscience, “Socioendocrinology of Cooperative Offspring Care”, **Jeffrey A. French, PI.** \$400,000, 15 March 2001 – 14 March 2006.

**National Science Foundation**, “Mammalian Sibling Rivalry”, Kay Holekamp, Michigan State University, PI; **Jeffrey A. French, co-PI**, Steve Glickman, University of California, Berkeley, co-PI, Laura Smale, Michigan State University, co-PI. Cumulative award, \$610,000, September 1999 to March 2006.

**National Science Foundation**, Physical Anthropology, “Demographic Change and Reproductive Skew in Cooperative Breeding Primates” J. M. Dietz, University of Maryland, PI; **Jeffrey A. French, co-PI**, A. Baker, Philadelphia Zoo, co-PI. Cumulative award \$420,000, 15 July 2002 – 30 June 2005.

**National Science Foundation**, “Family Stability in Cooperatively Breeding Primates”, J. A. French co-PI (with James Dietz, University of Maryland, College Park and Andrew Baker, Philadelphia Zoo), Total award \$235,000, Jan 1998 –Dec 2000.

**National Science Foundation**, Integrative Biology and Neuroscience, “Socioendocrinology of Cooperative Breeding”, **Jeffrey A. French, PI**, \$180,000, August 1997 - February 2001.

**Disney’s Animal Kingdom**, Walt Disney Corporation, “Establishment of an Enzyme Immunoassay Laboratory”, \$39,000, May 1998 –May 1999.

**NEXT Nutrition**, Whey Protein Extracts and Athletic Training, (subcontract to J. A. French), September 1997 to June 1998, \$23,745.

**National Science Foundation**, EPSCoR, “Adaptation/Mechanism Interface in Behavioral Biology”. \$2,950,000, July 1993 to June 1998. Alan C. Kamil, Jeffrey A. French, co-PIs.

**National Science Foundation**, Integrative Biology and Neuroscience, “Socioendocrinology of Behavior”, **Jeffrey A. French, PI**, \$100,000, September 1992 to December 1994

**National Science Foundation**, Conservation and Restoration Biology, “Socioendocrinology of Reproductive Behavior”, **Jeffrey A. French, PI**, \$50,000, August 1990 to December 1992.

**National Science Foundation**, “Research Enhancement for Undergraduates Supplemental Award”, \$3,480, June 1991 to May 1992.

**National Science Foundation**, ILI Equipment Grant, "Microcomputer-Based Experimental Psychology Laboratory", \$29,000, May 1991 to May 1993.

**J. M. Cattell Foundation**, "Comparative Endocrinology and Behavior of Lion Tamarins", \$17,000, January 1990 to December 1990.

**National Institutes of Health**, National Institute of Child Health and Development, "Social Regulation of Reproductive Development", **Jeffrey A. French, PI**, \$68,144, September 1987 to August 1989.

**University of Nebraska Foundation**, "Micro-analytical and Immunological Assay Laboratory Equipment", \$47,000, April 1987 to March 1988.

### **STUDENT GRANTS**

Carp, S.B. Ruth Kirschstein National Research Service Award, NIH, 2017-2020.

Smith, A.S. NSF Graduate Research Fellowship, 2009-2011

Kinnally, E.K. NSF Graduate Research Fellowship, 2007-2009

UNO Graduate GRACA Awards: 10 awardees since 2011

UNO Undergraduate FUSE Awards: 12 awardees since 2011

### **Honors and Awards**

1984, Distinguished Service to the University of Nebraska, awarded by Board of Regents

1985, NSF Travel Stipend to attend International Ethological Conference in Toulouse, France; one of 20 stipends awarded.

1986, NSF Travel Stipend to attend International Primatological Society meeting in Gottingen, FRG; one of 17 stipends awarded.

1992-98, Named Chair, Frederick Kayser Professor of Psychology, University of Nebraska at Omaha.

1996, received Award for Distinguished Research/Creative Activity from the University of Nebraska at Omaha, one award per year.

1990 – 1996, Treasurer and member of Board of Directors of American Society of Primatologists.

2000 – 2006 President-elect, President, and Past-President of American Society of Primatologists.

2002, Received Outstanding Research/Creative Activity Award, University of Nebraska (one award in natural sciences per year for entire NU system (UNMC, UNL, UNOmaha, UNK)

2001 – 2020, Named Chair, D.B. and Paula Varner Professor of Psychology and Biology

2010, Best Peer-reviewer Award, Editorial Board, ***Hormones and Behavior***

### **1. Invited Talks at National/International Conferences and Major Invited Colloquia**

French, J.A. Neuropeptides and Sociality: From Molecular Genetics to Altruism. Keynote Address, Nebraska Physiological Society, October 2013.

French, J.A. Integrative social neuroendocrinology. Keynote Speaker at Annual Retreat, Department of Pharmacology and Experimental Neuroscience, University of Nebraska Medical Center, September 2013.

French, J.A. The mysteries of primate monogamy. Presented at Invited Pre-conference Symposium,

French, J.A. Neurobiology of social behavior. Presented at Colloquium Series, Department of Biomedical Science, Creighton University, October 2012.

French, J. A. The role of androgenic steroids in shaping social phenotypes across the lifespan in male marmosets. Presented at Invited Symposium on "Reproductive Models in Nonhuman Primates", American Society of Primatologists, Sacramento CA, June 2012.

French, J. A. Neurobiological substrates of family life in marmoset monkeys. Presented at Neuroscience Colloquium Series, Macalester College, St. Paul, MN, April 2011.

French, J. A. Family life in marmosets. Presented at Midwest Family Systems Conference, Kansas City MO. February 2011.

French, J. A. Social buffering and stress reactivity. Presented at Midwest Family Systems Conference, Kansas City MO. February 2011.

French, J. A. Stress reactivity in marmosets: stability, social buffering, and the origins of individual differences. Presented at University of Nebraska, Lincoln Psychology Department Colloquium, Sept, 2010

French, J. A. Social mediation of stress responses in marmosets. Presented at University of South Dakota School of Medicine, December 2009.

French, J. A. Regulation of parental care in marmosets: genes, hormones, and experience. Presented at Tufts University School of Veterinary Medicine, April, 2008.

French, J. A. The choreography of parental care in cooperatively breeding primates. Presented at Neuroscience Seminar Series, University of Massachusetts, Amherst, April 2008.

French, J. A. Causes and consequences of variation in offspring care. Presented at Anthropology Research Series, University of Calgary, March 2008.

French, J. A. Beautiful-hair monkeys: Twenty-five years at the adaptation:mechanism interface. Invited Keynote Address at American Society of Primatologists, Winston-Salem NC, June 2007.

French, J. A. Parental care in marmosets: stories of steroids and chronicles of chimerism. Presented at UC Davis Animal Behavior Lecture Series, April 2007.

French, J. A. The study of family systems using primate models. Presented at Grand Rounds, Department of Psychiatry, Creighton University Medical Center, March 2005

French, J. A. Hormones and parental care in marmosets. Presented at McGill University, Montreal Canada, May 2005



- French, J. A. Individual differences in marmoset vocalizations: Origin and function. Presented at Neuroscience Colloquium Series, Departments of Psychology and Zoology, Michigan State University, East Lansing MI., April 2005
- French, J. A. Signature systems in marmoset vocalizations. Presented at School of Biological Sciences Colloquium Series, University of Nebraska, Lincoln, September 2005.
- French, J. A. Sex and Stress: Coming of Age in Male and Female Marmosets, J. A. Invited to present at the annual meeting of the Sociedade Brasileira de Primatologia (Brazilian Primatological Society), Belo Horizonte, Brasil, July 2004.
- French, J. A. Using Biological Markers in Research on Social Development. Invited presentation at Midwestern Social Development Consortium, Omaha NE, May 2004.
- French, J. A. Patterns of infant care in marmoset families. Presented at Evolutionary Studies and Psychobiology Colloquium, Binghamton University, Binghamton NY, November 2003.
- French, J. A. Biparental Care in Marmosets: Endocrinology and Energetics. Invited Plenary Address at Human Behavior and Evolution Society, Lincoln NE, June 2003.
- French, J. A. Noninvasive endocrine monitoring: the new behavioral endocrinology. Presented at Congresso de Integração em Biologia da Reprodução. Riberão Preto, Brazil, April 2003.
- French, J. A. The choreography of cooperative offspring care in marmosets. Presented at Brain and Behavior Colloquium, Michigan State University, September 2002.
- French, J. A. Research and conservation of New World primates. Presented at Environmental Sciences Training Program, Wayne State University, October 2002.
- French, J. A. Who's watching the babies and why? The endocrine and behavioral dynamics of biparental care. Presented at Colloquium on Mind and Behavior, University of Chicago, April 2001.
- French, J. A. Cooperation and conflict within marmoset families. Presented at the Center for Family Health, Kansas City, MO, March 2001.
- French, J. A. Family structure in human and nonhuman primates. Presented at Clinical Retreat, Georgetown Family Center, Georgetown, D.C., March 2001.
- French, J. A. Reproduction and behavior in marmosets and tamarins. Presented at First International Symposium on Assisted Reproductive Technology (ART) for the Conservation and Genetic Management of Wildlife. Omaha NE, January 2001
- French, J. A. Hormone-behavior interactions in primates. Invited keynote address at Brazilian Society of Zoology Caxambu, Brasil, August 1998.
- French, J. A. Socioendocrinology of cooperative breeding in marmosets. Invited address at Society of Behavioral Neuroendocrinology, Atlanta GA, June 1998
- French, J. A. Development, dominance and domestic life: analysis of social effects on male reproductive function in black tufted-ear marmosets. Invited address at VII Congress of the Brazilian Primatological Society, João Pessoa, Paraíba, Brasil, August 1997.
- French, J. A. Female reproductive endocrinology in *Leontopithecus*. Presented at the Population

and Habitat Viability Assessment Workshop, Belo Horizonte, Minas Gerais, Brasil, May 1997.

French, J. A. Stress and captivity: what do we know. Invited Colloquium at College of Veterinary Medicine, Kansas State University, Manhattan, Kansas, October 1996.

French, J. A., Smith, T. E., & Schaffner, C. M. Sources of variation in the contexts and mechanisms of reproductive suppression in callitrichid primates. Presented at International Primatological Society, Madison WI, August 1996.

French, J. A. Socioendocrine factors in reproduction: the case of cooperatively breeding mammals. Invited address at Southwest Psychological Association Meeting, San Antonio Texas, April 1995.

French, J. A. Reproduction in callitrichid primates: lessons from the lab. Presented as Keynote Address at National Conference of the American Association of Zookeepers, Omaha Nebraska, October 1994.

French, J. A. The intruder studies in captive callitrichid primates: Are they models of intergroup encounters or immigration encounters. Presented at Symposium: The Intruder Study in Primatology. XIVth Congress of the International Primatological Society, Strasbourg, France, August 1992.

French, J. A. The behavioral endocrinology of captive breeding in *Leontopithecus* and *Callithrix*. Presented at Symposium: Biology and Conservation of the Primates of Brazil's Mata Atlantica. XIVth Congress of the International Primatological Society, Strasbourg, France, August 1992.

French, J. A. The regulation of reproductive function in nonbreeding group members in cooperatively breeding mammals. Presented at Symposium: Cooperative Breeding in Mammals, Animal Behavior Society, Kingston, Ontario, June 1992.

French, J. A. Social behavior and reproductive biology in marmosets and tamarins. Presented at Psychology Department Colloquium, University of Kansas. Lawrence, KA, March 1992.

French, J. A. Socioendocrinology of reproduction in callitrichid primates. Presented at Behavioral Endocrinology Seminar Series, University of California, Davis. Davis, CA, February 1992.

French, J. A. Physiological and behavioral manifestations of rank and reproduction in female callitrichid primates. Presented at American Society of Primatologists, Davis, CA, July, 1990.

French, J. A. Reproduction in captive golden lion tamarins. Presented at *Leontopithecus* Population Viability Workshop, Belo Horizonte, MG, Brasil, June, 1990.

French, J. A. Social regulation of reproduction in monogamous primates. Presented at International Academy of Sex Research, Minneapolis, MN, August, 1988.

French, J. A. Female-female reproductive competition and its manifestations in callitrichid primates. Presented at International Primatological Society, Brasilia, Brasil, July, 1988.

French, J. A. Comparative aspects of ovarian function in Callitrichidae: *Leontopithecus* and *Saguinus*. Presented at International Primatological Society, Gottingen, FRG, July 1986.

French, J. A. Encounters with unfamiliar conspecifics in the laboratory: What do species and context differences reveal about callitrichid social structure? Presented at International

Primatological Society, Gottingen, FRG, July, 1986.

French, J. A. Social regulation of fertility: Causes and consequence. Paper presented at Special Invited Session on Psychobiology of Sex and Parenting, Midwest Psychological Association, Chicago, IL, May, 1986.

French, J. A. Social regulation of fertility: Causes and consequences. Presented at International Ethological Conference, Toulouse, France, August, 1985.

Snowdon, C. T. & French, J. A. Breeding endangered callitrichids in captivity. Presented at Congress of the Brazilian Society of Primatology, Belo Horizonte, Brasil, December, 1983.

Snowdon, C. T., French, J. A., & Cleveland, J. Ontogeny of primate vocalizations: Models from bird song and human speech. Presented at International Primatological Society, Atlanta, GA, August, 1982.

French, J. A. & Snowdon, C. T. Endocrine and behavioral correlates of reproductive competence in *Saguinus oedipus*. Presented at the International Primatological Society, Atlanta, GA, August, 1982.

French, J. A. & Candland, D. K. The genesis of object-play in *Macaca fuscata*. Presented at Animal Behavior Society, University Park, PA, June, 1977.

## **2. Contributed Papers at National/International Conferences**

Over 260 contributed presentations at national/international conferences with students and colleagues. Over 30 of the presentations include undergraduate co-authors. Three of the papers (Fite (grad), Rukstalis (undergrad), and Birnie (grad)) received "Best Student Paper" award.

## **3. Contributed Papers at Local/Regional Conferences**

Students from the French lab have presented over 20 conference talks at local and regional conferences (12 graduate and 8 undergraduate students)

## **Professional Activities:**

Chair, Awards Committee, Society for Behavioral Neuroendocrinology, 2012 – 2018

Editor, Animal Behaviour, 2012 – 2016

President, American Society of Primatologists, 2002 – 2004

Editorial Board Member, *Hormones and Behavior*, 1998 – present.

Editorial Board Member, *American Journal of Primatology*, 1996 – 2004.

Editorial Board Member, *Journal of Comparative Psychology*, 1996 – 2003.

Board of Directors, Member, American Society of Primatologists, 1990 to 1996; 2000 to 2006.

AAALAC Council Member, represent the American Society of Primatologists, 2000 – 2004

Treasurer, American Society of Primatologists, 1990 to 1996.

Chair, Membership/Finance Committee, American Society of Primatologists, 1990 to 1996.

Chair, Evaluation Team for NSF Travel Grant to XIIIth International Primatological Society, Brasil, 1988.

Conservation Committee, Member, American Society of Primatologists, 1984 to 1988.

Institutional Animal Care and Use Committee, Member, University of Nebraska, 1985 - present.

Animal Welfare Committee, Chair, University of Nebraska at Omaha. 1997 - present

Advisor, Neotropical Primate Taxon Advisory Group (TAG), 1995 – present

Member, Special Emphasis Section, National Primate Center Review, NIH 2013

Chartered Member, Initial Review Group at National Institutes of Health (IFCN2; Neuroendocrinology, Neuroimmunology and Behavior, 2001- 2006)

Grant Review Panel for National Science Foundation, Integrative Biology and Neuroscience, 1998-

2001; 2002 – 2005)

Chair, Behavioral Neuroscience Fellowship Panel (F02A), National Institutes of Health, June 2006 – 2011.

Study Section, NIH P51 (National Primate Research Centers Program), Southwest National Primate Research Center, November 2013.

Study Section, NIH P51 (National Primate Research Centers Program), California National Primate Research Center, November 2014.

Study Section, NIH P51 (National Primate Research Centers Program), Southwest National Primate Research Center, September 2015.

Study Section, NIH P51 (National Primate Research Centers Program), Yerkes National Primate Research Center, November 2015.

**Ad hoc reviewer:**

*American Journal of Primatology*

*American Journal of Physical Anthropology*

*Animal Behaviour*

*Behavioral and Brain Sciences*

*Behavioral Neuroscience*

*Behaviour*

*Biological Psychiatry*

*Brain Research*

*General and Comparative Endocrinology*

*Hormones and Behavior*

*International Journal of Primatology*

*Journal of Chemical Ecology*

*Journal of Comparative Psychology*

*Molecular Psychiatry*

*Nature*

*Physiology and Behavior*

*Proceedings of the Royal Society, Biological Sciences*

*Psychoneuroendocrinology*

*Science*

*Zoo Biology*

Grants for National Science Foundation

- Animal Behavior Program
- Physical Anthropology Program
- Oceanography Program
- Social, Economic, and Behavioral Sciences Program

Grants for NATO International Science programs

Grants for L. S. B. Leakey Foundation

**Professional Affiliations:**

AAAS

Captive Breeding Specialist Group

Sigma Xi

Taxon Advisory Group (TAG), Neotropical Primates

American Society of Primatologists

International Primatological Society

Society for Behavioral Neuroendo

Society for Neuroscience