

CURRICULUM VITA

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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 Psychology (August, 1982); C. T. Snowdon, advisor.

Appointments:

Director, Neuroscience Program, UNO, 2009 – present

Varner Professor of Psychology and Biology, 2000 –present
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 Zoology, Michigan State University, 2000 – present.
Adjunct Professor, Department of Psychology, University of Nebraska, Lincoln, 2009 – present.

Publications:

Mustoe, A.C., French, J.A. (in press). Play saves the day: increased juvenile social play attenuates the effect of gestational cortisol exposure on HPA function in developing marmosets. **Developmental Psychobiology.**

- Taylor, J.H., Mustoe, A.C., French, J.A. (2013, in press). Behavioral responses to social separation stressor change across development and are dynamically related to HPA activity in marmosets. **American Journal of Primatology**.
- Birnie, A.K., Taylor, J.H., Cavanaugh, J., French, J.A. (2013, in press). Quality of maternal and paternal care predicts later stress reactivity in the cooperatively-breeding marmoset (*Callithrix geoffroyi*). **Psychoneuroendocrinology**.
- French, J.A., Mustoe, A.C., Cavanaugh, J., Birnie, A.K. (2013). The influence of steroid hormones on female aggression in 'atypical' mammalian species. **Philosophical Transactions of the Royal Society – B**, 368, 20130084.
- Moore, T.A., Wilson, M.E., Schmid, K.K., Anderson-Berry, A., French, J.A., Berger, A.M. (2013). Relationships between feeding intolerance and stress biomarkers in preterm infants. **Journal of Pediatric Gastroenterology & Nutrition**, 57, 356-362. PMID:23575303.
- Henry, M.D., Hankerson, S.J., Siani, J.M., French, J.A., Dietz, J.M. (2013). High rates of pregnancy loss by subordinates leads to high reproductive skew in wild golden lion tamarins (*Leontopithecus rosalia*). **Hormones and Behavior**, 63, 675-683.
- Cavanaugh, J. & French, J.A. (2013). Testosterone, experience, and parental care in male marmosets (*Callithrix geoffroyi*). **Hormones and Behavior**, 63, 551-558.
- 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.
- Lansing, S., French, J.A., Lonstein, J.S. (2013). Circulating plasma testosterone during early neonatal life in socially monogamous and biparental prairie vole (*Microtus ochrogaster*). **Psychoneuroendocrinology**, 38, 306-309.
- 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.
- 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.
- Birnie, A.K., Smith, A.S., Hendricks, S.E., Mustoe, A., 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.
- 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.
- 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.
- 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.

- Elverson, C. A., Wilson, M. E., Herzog, M. A., French, J. A. (2011). Social regulation of the stress response in the transitional newborn: a pilot study. **Journal of Pediatric Nursing**, 27, 214-224.
- 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.
- Smith, A.S., Birnie, A.K., French, J.A. (2011). Social isolation affects partner-directed social behavior and cortisol during pair formation marmosets, *Callithrix geoffroyi*. **Physiology and Behavior**, 104, 955-961.
- Ross, C. N., French, J. A. (2011). Female marmosets' behavioral and hormonal responses to unfamiliar intruders. **American Journal of Primatology**, 73, 1072-1081.
- 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.
- Birnie, A. K., Smith, A. S., Nali, C., French, J. A. (2011). Social and developmental influences on urinary androgen levels in young male white-faced marmosets (*Callithrix geoffroyi*). **American Journal of Primatology**, 71, 1-8.
- Morley, J.B., Decker, L.M., Dierks, T., Blanke, D., French, J.A., Stergiou, N. (2010). Effects of varying amounts of pronation on the mediolateral ground reaction forces during barefoot versus shod running. **Journal of Applied Biomechanics**, 26, 205-214.
- Smith, A. S., Birnie, A. K., French, J. A. (2010). Maternal androgen levels during pregnancy are associated with early-life growth in Geoffroy's marmosets, *Callithrix geoffroyi*. **General and Comparative Endocrinology**, 166, 307-313.
- French, J. A., Smith, A. S., Birnie, A. K. (2010). Maternal androgen levels in female marmosets (*Callithrix geoffroyi*) vary across gestation but do not vary with the sex ratio of litters. **General and Comparative Endocrinology**, 165, 309-314.
- Smith, A. S., Ågmo, A., Birnie, A. K., French, J. A. (2010). Manipulation of the oxytocin system alters social behavior and attraction in pair-bonding primates, *Callithrix penicillata*. **Hormones and Behavior**, 57, 255-262.
- Minton, M. E., Hertzog, M., Barron, C. R., French, J. A., Reiter-Palmon, R. (2009). The first anniversary: stress, well-being, and optimism in older widows. **Western Journal of Nursing Research**, 31, 1035-1056.
- Smith, A. S., Birnie, A. K., Lane, K. R., & French, J. A. (2009). Functional significance of sexually dimorphic acoustic structures in Wied's black tufted-ear marmosets (*Callithrix kuhlii*). **American Journal of Primatology**, 71, 324-332.
- Van Meter, P. E., French, J. A., Dloniak, S. M., Kolowski, J. M., Watts, H. E., Holekamp, K. E. (2009). Fecal glucocorticoids reflect socio-ecological and anthropogenic stressors in the lives of wild spotted hyena. **Hormones and Behavior**, 55, 329-337.
- Buresh, R., Berg, K., French, J. A. (2009). The effect of resistive-exercise rest interval on hormonal response, strength, and hypertrophy with training. **Journal of Strength and Conditioning Research**, 23, 62-71.
- Bennett, C., Fripp, D., Othen, L., Jarsky, T., French, J., Luskotoff, N. (2008). Urinary corticosteroid excretion patterns in okapi (*Okapia johnstoni*). **Zoo Biology**, 27, 381-393.

- French, J. A., Fite, J. E., Ross, C. N. (2008). Family life in marmosets: causes and consequences of variation in offspring care. In **The Parental Brain**, R. Bridges (Ed.). New York: Elsevier Press, pp. 461 - 478.
- Tardif, S. D., Araujo, A., Arruda, M. F., French, J. A., Sousa, M. B. C., Yamamoto, M. E. (2008). Reproduction and aging in marmosets and tamarins. In S. Atsalis, S. W. Margulis, P. R. Hof (Eds.), **Primate Reproductive Aging**. Karger, Basel, pp. 29-48.
- Wolovich, C. K., Evans, S., French, J. A. (2008). Dads don't pay for sex but do buy the milk: food sharing and reproduction in owl monkeys (*Aotus* spp.). **Animal Behaviour**, 75, 1155-1163.
- Van Meter, P. E., French, J. A., Bidali, K., Weldele, M. L., Brown, J. L., Holekamp, K. E. (2008). Non-invasive measurement of fecal estrogens in the spotted hyena (*Crocuta crocuta*). **General and Comparative Endocrinology**, 155, 464-471.
- Ross, C.N., French, J.A., Orti, G. (2007). Germ line chimerism and paternal care in marmosets (*Callithrix kuhlii*). **Proceedings of the National Academy of Sciences**, 104, 6278-6282.
- Allison, S. O., Halliday, L., French, J. A., Novikov, D. D., Fortman, J. D. (2007). Assessment of buprenorphine, carprofen, and combination of buprenorphine and carprofen for postoperative analgesia in olive baboons (*Papio anubis*). **Journal of the American Association of Laboratory Animal Science**, 46, 24-31.
- French, J. A., Fite, J. E., Jensen, H., Oparowski, K., Rukstalis, M. R., Fix, H., Jones, B., Maxwell, H., Pacer, M., Power, M. L., Schulkin, J. (2007). Treatment with CRH-1 antagonist antalarmin reduces behavioral and endocrine responses to social stressors in marmosets (*Callithrix kuhlii*). **American Journal of Primatology**, 69, 877-889.
- Ross, C. N., Jensen, H., Fite, J. E., French, J. A. (2007). A demographic review of a captive colony of callitrichids (*Callithrix kuhlii*). **American Journal of Primatology**, 68, 812-824.
- Dloniak, S. M., French, J. A., Holekamp, K. (2006). Rank-related maternal effects of androgens on behaviour in wild spotted hyaenas. **Nature**, 440, 1190-1193.
- Kinnally, E. L., Jensen, H. A., Ewing, J. H., French, J. A. (2006). Serotonin function is associated with behavioral response to a novel conspecific in marmosets. **American Journal of Primatology**, 68, 812-824.
- Bales, K. L., French, J. A., McWilliams, J., Lake, R. A., Dietz, J. M. (2006). Effects of social status, age, and season on testosterone and cortisol levels in wild male golden lion tamarins (*Leontopithecus rosalia*). **Hormones and Behavior**, 49, 88-95.
- Dloniak, S. M., French, J. A., Holekamp, K. (2006). Faecal androgen levels in adult male spotted hyaenas (*Crocuta crocuta*) reflect interactions with socially dominant females. **Animal Behaviour**, 71, 27-37.
- Smale, L., French, J. A., Heideman, P. D. (2005). Behavioral neuroendocrinology in nontraditional species of mammals: Things the 'Knockout' mouse CAN'T tell us. **Hormones and Behavior**, 48, 474-483.
- Fite, J. E., Patera, K. J., French, J. A., Rukstalis, M., Hopkins, E. C. (2005). Opportunistic mothers: female Wied's black tufted-ear marmosets (*Callithrix kuhlii*) reduce their investment in offspring when they have to, and when they can. **Journal of Human Evolution**, 49, 122-142.

- Bales, K. L., French, J. A., Hostettler, 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.
- Rukstalis, M., French, J. A. (2005). Vocal buffering of the stress response: exposure to conspecific vocalizations moderates urinary cortisol excretion in isolated marmosets. **Hormones and Behavior**, 47, 1-7.
- Fite, J. E., French, J. A., Patera, K. J., Hopkins, E. C., Rukstalis, M., Ross, C. N. (2005). Elevated urinary testosterone excretion and decreased maternal caregiving effort in marmosets when conception occurs during the period of infant dependence. **Hormones and Behavior**, 47, 39-48.
- Ross, C. N., French, J. A., Patera, K. J. (2004). Intensity of aggressive interactions modulates testosterone in male marmosets. **Physiology and Behavior**, 83, 437-445.
- Ramirez, S. M., Bardi, M., French, J. A., Brent, L. (2004). Hormonal correlates of changes in interest in unrelated infants across the peripartum period in female baboons (*Papio hamadryas anubis* sp.). **Hormones and Behavior** 46, 520-528.
- Puffer, A. M., Fite, J. E., French, J. A., Rukstalis, M., Hopkins, E. C., Patera, K. J. (2004). The influence of the mother's reproductive state on the hormone status of daughters in marmosets (*Callithrix kuhlii*). **American Journal of Primatology**. 64, 29-37.
- Schaffner, C. M. & French, J. A. (2004). Social and endocrine responses in male marmosets to the establishment of polyandrous groups. **International Journal of Primatology**, 25, 709-732.
- French, J. A., Koban, T., Rukstalis, M., Ramirez, S. M., Bardi, M., Brent, L. (2004). Excretion of urinary steroids in pre- and postpartum female baboons. **General and Comparative Endocrinology**, 137, 69-77.
- Bardi, M., French, J. A., Ramirez, S. M., & Brent, L. (2004). The role of the endocrine system in baboon maternal behavior. **Biological Psychiatry**, 55, 724-732.
- Dloniak, S. M., French, J. A., Place, N. J., Weldele, M. L., Glickman, S. E., Holekamp, K. E. (2004). Non-invasive monitoring of fecal androgens in spotted hyenas (*Crocuta crocuta*). **General and Comparative Endocrinology**, 135, 51-61.
- French, J. A., Bales, K., Baker, A. & Dietz, J. (2003). Reproductive status of daughters and subordinate females in wild group of golden lion tamarins (*Leontopithecus rosalia*). **International Journal of Primatology**, 24, 1281-1300.
- Fite, J. E., French, J. A., Patera, K. J., Hopkins, E. C., Rukstalis, M., Jensen, H. A., & Ross, C. N. (2003). Nighttime wakefulness associated with infant care in *Callithrix kuhlii*. **International Journal of Primatology**, 24, 1267-1280.
- Bellisari, A. & French, J. A. (2003). Hormonal assessment of sexual maturation in four captive lowland gorilla males. **Gorilla Gazette**, 16, 38-39,
- Ward, I. L., Ward, O. B., Affuso, J. D., Long, W. D., French, J. A., & Hendricks, S. E. (2003). Fetal testosterone surge: specific modulations induced in male rats by maternal stress and/or alcohol consumption. **Hormones and Behavior**, 43, 531-539.
- Rukstalis, M. R., Fite, J. E., French, J. A. (2003). Social change affects vocal structure in a callitrichid primate (*Callithrix kuhlii*). **Ethology**, 109, 1-14.

- Ward, O. B., Ward, I. L., Denning, J. H., Hendricks, S. E., French, J. A. (2002). Hormonal mechanisms underlying aberrant sexual differentiation in male rats prenatally exposed to alcohol and/or stress. **Archives of Sexual Behavior**, 31, 9-16.
- French, J. A., de Vleeschouwer, K., Heistermann, M., & Bales, K. (2002). Reproductive endocrinology and behavior in female lion tamarins (*Leontopithecus*). In **Biology and Conservation of Lion Tamarins: Twenty-five Years of Research**, D. G. Kleiman, A. B. Rylands, and I. B. Santos (Eds.), pp. 133-156. Smithsonian Press, Washington DC.
- Bales, K., French, J. A., & Dietz, J. (2002). Explaining variation in maternal care in a cooperatively breeding species. **Animal Behaviour**, 63, 453-461.
- Ward, O. B., Ward, I. L., Denning, J. H., French, J. A., Hendricks, S. E. (2002). Postparturitional testosterone surge in male offspring of rats stressed and/or fed ethanol during late pregnancy. **Hormones and Behavior**, 41, 229-235.
- Nunes, S., Brown, C. M., French, J. A. (2002). Variation in circulating and excreted estradiol associated with testicular activity in male marmosets. **American Journal of Primatology**, 55, 27-42.
- French, J. A., Kamil, A. C., Leger, D. W. 2001. **Evolutionary Psychology and Motivation**. 221 pp. University of Nebraska Press: Lincoln, NE.
- Leger, D. W., Kamil, A. C., & French, J. A. 2001. Fear and loathing of evolutionary psychology in the social sciences. In **Evolutionary Psychology and Motivation**, J. A. French, A. C. Kamil, & D. W. Leger (Eds.), pp. xi – xxiii. University of Nebraska Press: Lincoln, NE.
- Nunes, S., Fite, J. E., Patera, K. J., & French, J. A. (2001). Interactions among paternal behavior, steroid hormones, and parental experience in male marmosets (*Callithrix kuhlii*). **Hormones and Behavior**, 39, 70-82.
- Nunes, S., Fite, J. E., & French, J. A. (2000). Variation in steroid hormones associated with infant-care behaviour and experience in male marmosets (*Callithrix kuhlii*). **Animal Behaviour**, 60, 857-865.
- Fite, J. E. & French, J. A. (2000). Pre- and postpartum sex steroids in female marmosets (*Callithrix kuhlii*): Is there a link with infant survivorship and maternal behavior? **Hormones and Behavior**, 38, 1-12.
- French, J. A., & Fite, J. E. (2000). Reproduction in callitrichid primates. In **Husbandry and Care of Marmosets and Tamarins in Captivity**. AZA Publications, Silver Springs, MD.
- French, J. A. & Schaffner, C. M. (2000). Social modulation of reproductive behavior in monogamous primates. In **Reproduction in Context**, K. Wallen & J. Schneider (Eds.), pp. 325-353. MIT Press, Cambridge, MA.
- Ward, I. L., Bennett, A. L., Ward, O. B., Hendricks, S. E., French, J. A. (1999). Androgen threshold to activate copulation differs in male rats prenatally exposed to alcohol, stress, or both factors. **Hormones and Behavior**, 36, 129-140.
- Shepherd, R. E. & French, J. A. (1999). Comparative analysis of sociality in lion tamarins and marmosets: responses to separation from longterm pairmates. **Journal of Comparative Psychology**, 113, 24-32.
- Smith, T. E., McGreer-Whitworth, B., & French, J. A. (1998). Close proximity of the heterosexual

partner reduces the physiological and behavioral consequences of novel-cage housing in black tufted-ear marmosets (*Callithrix kuhli*). **Hormones and Behavior**, 34, 211-222.

Jorgensen, D. D., & French, J. A. (1998). Individuality but not stability in phoe calls in the marmoset (*Callithrix kuhli*). **Ethology**, 104, 729-742.

Santos, C. V., French, J. A., & Otta, E. (1997). Infant carrying behavior in callitrichid primates: *Callithrix* and *Leontopithecus*. **International Journal of Primatology**, 18, 889-908.

Smith, T. E., Schaffner, C. M., & French, J. A. (1997). Social modulation of reproductive function in female black tufted-ear marmosets (*Callithrix kuhli*). **Hormones and Behavior**, 31, 159-168.

Schaffner, C. M. & French, J. A. (1997). Group size and aggression: 'Recruitment incentives' in a cooperatively breeding primate. **Animal Behaviour**, 54, 171-180.

Smith, T. E. & French, J. A. (1997b). Social and reproduction conditions modulate urinary cortisol excretion in black tufted-ear marmosets (*Callithrix kuhli*). **American Journal of Primatology**, 42, 253-267.

Smith, T.E. & French, J. A. (1997a). Psychosocial stress and urinary cortisol excretion in marmoset monkeys (*Callithrix kuhli*). **Physiology and Behavior**, 62, 225-232.

Solomon, N. G., French, J. A., Eds. (1997). **Cooperative Breeding in Mammals**. New York: Cambridge University Press.

Solomon, N. G., French, J. A. (1997). Issues in the study of cooperative breeding in mammals. In **Cooperative Breeding in Mammals**, N. G. Solomon and J. A. French, Eds. pp. 1-10, New York: Cambridge University Press.

French, J. A. (1997). Regulation of singular breeding in callitrichid primates. In **Cooperative Breeding in Mammals**, N. G. Solomon and J. A. French, Eds. pp. 34-75, New York: Cambridge University Press.

French, J. A., Brewer, K. J., Shaffner, C. M., Schalley, J., Hightower-Merritt, D. L., Smith, T. E., & Bell, S. M. (1996). Urinary steroid and gonadotropin excretion across the reproductive cycle in female Wied's black tufted-ear marmosets (*Callithrix kuhli*). **American Journal of Primatology**, 40, 231-245.

Ward, I. L., Ward, O.B., Mehan, D., Winn, R. J., French, J. A., Hendricks, S. E. (1996). Cumulative effects of parental exposure to alcohol and stress on ejaculatory patterns, testosterone and LH levels in rats. **Behavioral Neuroscience**, 110, 1469-1477.

Platt, M. L., Brannon, E. M., Briesse, T. L., French, J. A. (1996). Species differences in memory between lion tamarins (*Leontopithecus rosalia*) and marmosets (*Callithrix kuhli*). **Animal Learning and Behavior**, 24, 384-393.

French, J. A., Pissinatti, A., Coimbra-Filho, A. F. (1996). Reproduction in captive lion tamarins (*Leontopithecus*): Seasonality, infant survival, and sex ratios. **American Journal of Primatology**, 39, 17-33.

Schaffner, C. M., Shepherd, R. E. Santos, C. V., French, J. A. (1995). Development of heterosexual social relationships in wied's black tufted-ear marmoset (*Callithrix kuhli*). **American Journal of Primatology**, 36, 185-200.

French, J. A., Schaffner, C. M., Shepherd, R. E., Miller, M. E. (1995). Familiarity with intruders

- modulates agonism toward outgroup conspecifics in Wied's black tufted-ear marmoset (*Callithrix kuhli*). **Ethology**, 99, 24-38.
- Schneider, J. R., Veltri, A. M., deGraw, W. A., French, J. A. (1995). Telemetered temperature monitoring in preweanling Mongolian gerbils (*Meriones unguiculatus*). **Physiology and Behavior**, 57, 199-203.
- French, J. A. (1994). Alloparents in the Mongolian gerbil: impact on long-term reproductive performance of breeders and opportunities for independent reproduction. **Behavioral Ecology**, 5, 273-279.
- French, J. A. (1994). Neoconservationism for neotropical primates: the multinational approach. **American Journal of Primatology**, 32, 227-230.
- French, J. A. (1993). Demographic analysis of the membership of the American Society of Primatologists. **American Journal of Primatology**, 29, 159-166.
- Benz, J. J., Leger, D. W., French, J. A. (1992). The relationship between food preference and food-elicited vocalizations in golden lion tamarins (*Leontopithecus rosalia*). **Journal of Comparative Psychology**, 106, 142-149.
- French, J. A., deGraw, W. A., Hendricks, S. E., Wegner, F., & Bridson, W. E. (1992). Urinary and plasma gonadotropin concentrations in golden lion tamarins (*Leontopithecus rosalia*). **American Journal of Primatology**, 26, 53-59.
- Kleiman, D., Dietz, J., Baker, A., French, J., Rambaldi, D., Dietz, L., Montali, R. (1991). Golden Lion Tamarin Working Group summary. In U.S. Seal, J. D. Ballou, & C. V. Padua (Eds.), **Leontopithecus - Population Viability Analysis**. Captive Breeding Specialist Group, Apple Valley, MN.
- Godfrey, R. W., Lunstra, D. D., French, J. A., Schwartz, J., Armstrong, D. L., & Simmons, L. G. (1991). Estrous synchronization in the gaur (*Bos gaurus*): Behavior and fertility to artificial insemination after prostaglandin treatment. **Zoo Biology**, 10, 35-41.
- French, J. A. & Inglett, B. J. (1991). Responses to novel social stimuli in tamarins: A comparative perspective. In H. Box (Ed.) **Primate responses to environmental change**. London: Chapman and Hall.
- Benz, J. J., French, J. A., & Leger, D. W. (1990). Sex differences in vocal structure in a callitrichid primate, (*Leontopithecus rosalia*). **American Journal of Primatology**, 21, 257-264.
- Inglett, B. J., French, J. A., & Dethlefs, T. D. (1990). Contextual influences on social preference in a monogamous primate. **Journal of Comparative Psychology**, 104, 131-139.
- French, J. A., Inglett, B. J., & Dethlefs, T. D. (1989). Reproductive status of nonbreeding group members in captive social groups of lion tamarins (*Leontopithecus rosalia*). **American Journal of Primatology**, 18, 73-86.
- Salo, A. S. & French, J. A. (1989). Early experience with younger siblings, reproductive success, and the development of parental behaviour in the Mongolian gerbil. **Animal Behaviour**, 38, 693-702.
- Molzen, E. M. & French, J. A. (1989). The problem of foraging in captive callitrichid primates: Behavioral time budgets and foraging skills. In E. Segal (Ed.), **The psychological well-being of captive primates**. Park Ridge, NJ: Noyes Publications.

- French, J. A. & Inglett, B. J. (1989). Female-female aggression and male indifference in response to unfamiliar intruders in lion tamarins. ***Animal Behaviour***, 37, 487-497.
- Inglett, B. J., French, J. A., Simmons, L. G., & Vires, K. W. (1989). Dynamics of intra-family aggression and social reintegration in lion tamarins. ***Zoo Biology***, 8, 67-78.
- French, J. A. (1988). The status of primatology: 1984. ***Contemporary Psychology***, 33, 597-598.
- Stribley, J. A., French, J. A., & Inglett, B. J. (1987). Mating patterns in the golden lion tamarin (*Leontopithecus rosalia*): Continuous receptivity and concealed ovulation. ***Folia primatologica***, 43, 133-150.
- French, J. A. & Stribley, J. A. (1987). Ovarian cycles are synchronized between and within social groups of lion tamarins (*Leontopithecus rosalia*). ***American Journal of Primatology***, 12, 469-478.
- Snowdon, C. T., French, J. A., & Cleveland, J. (1986). Ontogeny of primate vocalizations: Models from bird song and human speech. In D. Taub & F. A. King (Eds.), ***Current perspectives in primate social behavior***, pp. 389-402. New York: van Nostrand-Reinhold.
- French, J. A., Umstead, L. A., & Young, P. (1985). Selfish food sharing in golden lion tamarins. ***American Journal of Primatology***, 8, 338 (abstract).
- French, J. A. & Stribley, J. A. (1985). Patterns of urinary oestrogen excretion in female golden lion tamarins (*Leontopithecus rosalia*). ***Journal of Reproduction and Fertility***, 75, 537-546.
- French, J. A. & Snowdon, C. T. (1984). Reproduction and behavior in marmosets and tamarins: An introduction. ***American Journal of Primatology***, 6, 211-213.
- French, J. A., Abbott, D. H., and Snowdon, C. T. (1984). The effect of social environment on estrogen excretion, scent marking, and sociosexual behavior in tamarins (*Saguinus oedipus*). ***American Journal of Primatology***, 6, 155-167.
- French, J. A. & Cleveland, J. (1984). Scent marking in tamarins (*Saguinus oedipus*): Sex differences and ontogeny. ***Animal Behaviour***, 32, 615-623.
- French, J. A. (1984). Lactation and fertility: An examination of nursing and interbirth intervals in tamarins (*Saguinus oedipus*). ***Folia primatologica***, 40, 276-282.
- 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.
- Snowdon, C. T. & French, J. A. (1983). Breeding endangered callitrichids in captivity. In M. deMello (Ed.), ***A primatologica no Brasil***, (pp. 97-106). Brasilia: Universidade Federale de Brasilia Press.
- French, J. A., Abbott, D. H., Scheffler, G., Robinson, J. A., & Goy, R. W. (1983). Cyclic excretion of urinary oestrogens in female tamarins (*Saguinus oedipus*). ***Journal of Reproduction and Fertility***, 68, 177-184.
- French, J. A. & Snowdon, C. T. (1981). Sexual dimorphism in responses to unfamiliar intruders in the tamarin, *Saguinus oedipus*. ***Animal Behaviour***, 29, 822-829.
- 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.

French, J. A. & Snowdon, C. T. (1981). Context-specific use of scent glands in the tamarin (*Saguinus oedipus*). In H. van der Starre (Ed.), *Olfaction and taste VII*. Amsterdam: Elsevier Press.

Snowdon, C. T. & French, J. A. (1980). Ontogeny does not always recapitulate phylogeny. *The Behavioral and Brain Sciences*, 2, 397-398.

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/RECENT GRANTS

National Institutes of Health, 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 June 2015.

Nebraska Research Initiative. "Next-gen Genomic Sequencing in Marmoset Monkeys". Robert Norgren, UNMC, PI; **Jeffrey A. French, co-PI**, \$100,000, June 2012 – May 2014.

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, and 5 other 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

Smith, A.S. NSF Graduate Research Fellowship, 2009-1011

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

UNO Graduate GRACA Awards: 6 awardees since 2011

UNO Undergraduate FUSE Awards: 5 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 – 2007, Named Chair, D.B. and Paula Varner Professor of Psychology and Biology

2007 – 2013, Renewal of Named Chair, Varner Professor of Psychology

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. Riberao 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, Joao Pessoa, Paraíba, Brasil, August 1997.
- French, J. A. Female reproductive endocrinology in *Leontopithecus*. Presented at the Population and Habitat Viability Assesment 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 – present
Editor, *Animal Behaviour*, 2012 – present
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 XIIth 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.

Ad hoc reviewer:

American Journal of Primatology
American Journal of Physical Anthropology
Animal Behaviour
Behavioral and Brain Sciences
Behavioral Neuroscience
Behaviour
Brain Research
General and Comparative Endocrinology
Hormones and Behavior
International Journal of Primatology
Journal of Chemical Ecology
Journal of Comparative Psychology

Nature
Physiology and Behavior
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	American Society of Primatologists
Animal Behavior Society	American Zoological Association
Captive Breeding Specialist Group	International Primatological Society
Sigma Xi	Society for Behavioral Neuroendo
Taxon Advisory Group (TAG), Neotropical Primates	Society for Neuroscience