Stanford

Christine L Buckmaster

Senior research staff, Comparative Medicine

Professional

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Guest contributor, North American 3Rs Collaborative (NA3RsC) -- Refinement Initiative (2021 - present)
- Committee member, Primate Care Commitee of the American Society of Primatologists (2022 - present)
- Member, American Society of Primatologists (2010 - present)

Publications

PUBLICATIONS

- **Five Hot Topics in Refinement of Nonhuman Primate Neuroscience Research** *Laboratory Animal Science Professional*
  Buckmaster, C. L., Levesque, D., LaFollette, M., Loy, M., McMillan, J. L., Prescott, M. J., Thompson-Iritani, S.
  2022
- **Long-term effects of intermittent early life stress on primate prefrontal-subcortical functional connectivity.** *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology*
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  2021
- **Multisensory modulation of body ownership in mice.** *Neuroscience of consciousness*
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- **Cup tool use by squirrel monkeys** *AMERICAN JOURNAL OF PRIMATOLOGY*
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- **Echocardiographic and Electrocardiographic Characteristics of Male and Female Squirrel Monkeys (Saimiri spp.).** *Journal of the American Association for Laboratory Animal Science*
  Huss, M. K., Ikeno, F., Buckmaster, C. L., Albertelli, M. A.
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- **A novel form of oxytocin in New World monkeys** *BIOLOGY LETTERS*
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- **Maternal mediation, stress inoculation, and the development of neuroendocrine stress resistance in primates** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
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- **Neural cell adhesion molecule peptide mimetics modulate emotionality: pharmacokinetic and behavioral studies in rats and non-human primates** *NEUROPSYCHOPHARMACOLOGY*
  Turner, C. A., Lyons, D. M., Buckmaster, C. L., Aurbach, E. L., Watson, S. J., Schatzberg, A. F., Akil, H.
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- **Learning to actively cope with stress in female mice.** *Psychoneuroendocrinology*
  Lyons, D. M., Buckmaster, C. L., Schatzberg, A. F.
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- **Striatal dopamine D2/3 receptor regulation by stress inoculation in squirrel monkeys.** *Neurobiology of stress*
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- **Learning to cope with stress modulates anterior cingulate cortex stargazin expression in monkeys and mice** *NEUROBIOLOGY OF LEARNING AND MEMORY*
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- **Coping and glucocorticoid receptor regulation by stress inoculation** *PSYCHONEUROENDOCRINOLOGY*
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PRESENTATIONS

- PRELIMINARY OBSERVATIONS OF SOCIAL INTERACTIONS DURING SPONTANEOUS CUP TOOL USE BY CAPTIVE-BORN ADULT FEMALE SQUIRREL MONKEYS (SAIMIRI SCIUREUS) - American Society of Primatologists (June 18, 2015 - 6/20/2015)