



SELECTIVE FORCES SHAPING THE EVOLUTION OF INTELLIGENCE

DR. KAY HOLEKAMP

UNIVERSITY DISTINGUISHED PROFESSOR OF INTEGRATIVE BIOLOGY
MICHIGAN STATE UNIVERSITY

Dr. Holekamp is also the Director of MSU's interdisciplinary program in Ecology, Evolutionary Biology and Behavior. She initiated her field work on spotted hyenas in the Masai Mara National Reserve in 1988 and has continued that work without interruption to the present time. The MSU Mara Hyena project is now largely staffed by her graduate students and is part of the lab's work on conservation of large mammalian carnivores in African ecosystems.

Research in the Holekamp Lab focuses on mammalian behavioral development, its physiological substrates, and its consequences for the adult phenotype. The lab is currently investigating how social, ecological, and endocrine variables interact during an individual's early development to influence its subsequent behavior and its reproductive success as an adult. Another major line of research in the lab inquires about the selection pressures that have favored the evolution of large brains and great intelligence despite the considerable costs of neural tissue.



WEDNESDAY, MAY 26, 4 P.M.

Virtual | Registration Required

<https://beav.es/Storm21>