

PROMOTION RECOMMENDATION
The University of Michigan
College of Literature, Science, and the Arts

Jacinta C. Beehner, associate professor of psychology, with tenure, and associate professor of anthropology, with tenure, College of Literature, Science, and the Arts, is recommended for promotion to professor of psychology, with tenure, and professor of anthropology, with tenure, College of Literature, Science, and the Arts.

Academic Degrees:

Ph.D.	2003	Washington University
B.S.	1994	Boston College

Professional Record:

2017 – present	Co-Director, Capuchins at Taboga, Costa Rica
2013 – present	Associate Professor, Department of Psychology and Department of Anthropology, University of Michigan
2013 - present	Co-Director, Evolution and Human Adaptation Program, University of Michigan
2007 – present	Director, Core Assay Facility/Beehner Endocrine Laboratory, University of Michigan
2006 – 2013	Assistant Professor, Department of Psychology and Department of Anthropology, University of Michigan
2005 – present	Co-Director, Simien Mountains Gelada Research Project, Ethiopia
2004 – 2006	Post-doctoral Researcher, Department of Ecology and Evolutionary Biology, Princeton University
2001-2003	Post-doctoral Researcher, Department of Psychology, University of Pennsylvania and Moremi Game Reserve, Botswana

Summary of Evaluation:

Teaching - Professor Beehner has successfully taught large lecture courses (Psych 337: Hormones and Behavior), advanced undergraduate courses (Anthro 478: Primate Behavioral Ecology; Anthro 468/Psych 439: Evolutionary Endocrinology), and graduate courses (Anthro 569/Psych 630: Grant Writing in the Life Sciences). Psych 337 is a crucial service course and her graduate course fills an important and overlooked need for training graduate students in grant writing. Her course ratings have ranged from 4.3 in the lecture course to above 4.9 in the upper level and graduate courses. She has mentored numerous undergraduate students since her last promotion, as well seven graduate students. She has also served on 21 dissertation committees. Her student letters described her as providing outstanding mentoring in all aspects of academic life.

Research – Professor Beehner has made numerous important contributions to our understanding of reproductive behavior. She showed that female primates in the field will spontaneously terminate pregnancies when a new dominant male arrives and that this strategy actually improves their chances of future reproduction. She also showed that this behavior was associated with

specific hormonal changes. Her work undermines some very common assumptions in her field (e.g., that stress is maladaptive). Professor Beehner has published her research in some of the very best journals in her field and she has been very successful in obtaining external funding to support her work. She has recently obtained a large federal grant to continue her work and all signs point to a very productive future research career.

Recent and Significant Publications:

- “Male-mediated prenatal loss: Functions and mechanism,” with M. N. Zippel, et al., *Evolutionary Anthropology*, 28(3), 2019, pp. 114-25. DOI: 10.1002/evan.21776.
- “Social and ecological seasonality in wild geladas,” with J.E. Tinsley, et al., *Behavioral Ecology*, 29, 2018, pp. 574-88.
- “The next step for stress research in primates: To identify relationships between glucocorticoid secretion and fitness,” with T. J. Bergman, *Hormones and Behavior*, 91, 2017, pp. 68-83. DOI: 10.1016/j.yhbeh.2017.03.003.
- “Reproductive suppression in female primates - A review,” with A. Lu, *Evolutionary Anthropology*, 22, 2013, pp. 226-38. DOI: 10.1002/evan.21369.

Service – Professor Beehner has provided excellent service to her departments and to her field. She has served on or chaired thirteen faculty search committees, and served on the Executive Committee in Anthropology and on the Augmented Executive Committee in Psychology. She is a member of mentoring committees for junior faculty members as well as numerous other department and area committees. She has served as an editor for three of the leading journals in her field and has conducted a number of important outreach and conservation efforts at the field sites that she directs, including establishing a non-profit organization dedicated to wildlife preservation.

External Reviewers:

Reviewer (A)

“I consider Dr. Beehner to be both an exceptional primatologist and an exceptional behavioral endocrinologist. The interdisciplinary nature of her research makes it particularly unique and valuable.”

Reviewer (B)

“I regard Beehner as one of the most outstanding behavioural biologists of her generation, whose work spans both detailed field studies of primates in their natural environment and broader explorations of the relevance of the behavioural and physiological processes that she has discovered to other mammals, including humans.”

Reviewer (C)

“I strongly support this promotion because Dr. Beehner has assumed a leadership role in the field of behavioral primatology, with her work focusing on important and complicated questions about reproduction and evolutionary dynamics.”

Reviewer (D)

“Dr. Beehner is clearly at the forefront of her peer group in her status and accomplishments. In terms of professional service, Dr. Beehner’s record is also exemplary. She is on the editorial

board of Hormones and Behavior, the most important journal in her field, and associate editor for two other journals. She also serves on NSF panels and reviews papers for all the major journals in her field as well as more wide ranging, high impact journals.”

Reviewer (E)

“... there are few people with the breadth of research she shows. One can work at several levels of analysis in behavioral research - physiological, behavioral, ecological, and evolutionary. Most scholars focus on one level in their careers; some of us can focus on two or three, but few, if any, can master all four levels. Beehner’s work clearly spans all levels.”

Reviewer (F)

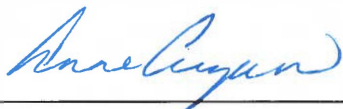
“Dr. Beehner is a star in primate field behavioral neuroendocrinology who has had a significant impact on the field. ... The University of Michigan is fortunate to have her on their faculty as she is a leader in nonhuman primate behavioral neuroendocrinology.”

Reviewer (G)

“Jacinta Beehner is a core member of the primatology profession whose stellar quality is already recognized and can be expected to continue rising. Her combination of choosing to research theoretically strong problems, conducting a major field study from numerous perspectives, and laboratory experiments, is exceptional.”

Summary of Recommendation:

Professor Beehner has made numerous important contributions in research, teaching, and service and her work reflects very well on the Anthropology and Psychology Departments, the college and the university. The Executive Committee of the College of Literature, Science, and the Arts and I recommend that Associate Professor Jacinta C. Beehner be promoted to the rank of professor of psychology with tenure, and professor of anthropology, with tenure, College of Literature, Science, and the Arts.



Anne Curzan, Dean
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and Education
Arthur F. Thurnau Professor
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