

Anthropology 458
Primate Behavioral Ecology
Fall 2016, Tues & Thurs, 9:30-10:45

Professor: Karen B. Strier

Office: 5403 Social Sciences

Office hours: Monday 1-3 pm, or by app't via email, kbstrier@wisc.edu

Course Description: In this course we will examine the social behavior of nonhuman primates from evolutionary and ecological perspectives. Throughout the course we will consider the major threats to primates today, and how behavioral adaptations and ecological variables interact to affect the future survival of primates.

Required Readings (Both are also available as e-books and on Reserve in Soc Sci library):

- Strier, K.B. 2017. *Primate Behavioral Ecology, 5th Edition*. Routledge (PBE)—Note: Several copies of this new edition have been put on Reserve at the Social Science library; if you cannot locate a copy please let me know so that I can find one for you.
- Strier, K.B. (ed) 2014. *Primate Ethnographies*. Routledge (PE_{TH})—Note: It should be possible to purchase inexpensive used copies of this book; if you cannot locate a copy please let me know so that I can find one for you.

Evaluation: Three hourly exams, each contributes 1/3 of your grade (note: Thurs-Tues dates).

- First Exam Thursday, Oct 6
- Second Exam Tuesday, Nov 8
- Third Exam Thursday, Dec 15

LECTURE SCHEDULE AND READING ASSIGNMENTS

TUES 6 SEP INTRODUCTION (LECTURE & FILM CLIP)

- *PE_{th}*—*Preface*, pp. vii-viii + *Chapter 1*, pp. 2-10.

THUR 8 SEP MEET THE PRIMATES (LECTURE & FILM)

- PBE -- Chapter 1, pp. 1-35.

TUES 13 SEP TAXONOMY AND CONSERVATION (LECTURE & FILM)

- PBE -- Chapter 2, pp. 37-72.
- *PE_{th}*—*Chapter 3*, pp. 25-33.
- *PE_{th}*—*Chapter 12*, pp. 132-138.

THUR 15 SEP EVOLUTIONARY HISTORY & BIOGEOGRAPHY

- PBE -- Chapter 3, pp. 73-99.
 - *PE_{th}*—*Chapter 4*, pp. 34-45
-

TUES 20 SEP NATURAL SELECTION

- PBE--Chapter 4, pp. 101-141.

THUR 22 SEP CASE STUDY: MASK OF THE MANDRILL (FILM)

- *PEth—Chapter 2, pp. 12-24.*
- *PEth—Chapter 7, pp. 70-80.*
- *PEth—Chapter 8, pp. 81-91.*

TUES 27 SEP KIN SELECTION & RECIPROCAL ALTRUISM

- *PEth—Chapter 9, pp. 92-106.*
- *PEth—Chapter 10, pp. 107-117.*

THUR 29 SEP SEXUAL SELECTION

- PBE -- Chapter 5 pp. 143-181.

TUES 4 Oct SEX AND REPRODUCTION

THUR 6 OCT **FIRST EXAM**

TUES 11 OCT FOOD

- PBE -- Chapter 6, pp. 183-214.

THUR 13 OCT FOOD & FEMALES

- *PEth—Chapter 5, pp. 46-56.*

TUES 18 OCT FEMALES

- PBE -- Chapter 7, pp. 215-247.

THUR 20 OCT MALES

- PBE -- Chapter 8, pp. 249-278.

TUES 25 OCT MALES (FILM)

- *PEth—Chapter 11, pp. 118-130.*
- *PEth—Chapter 18, pp. 196-206.*

THUR 27 OCT CASE STUDY: MONKEY ISLAND (FILM)

- *PEth—Chapter 17, pp. 186-195.*

TUES 1 NOV DEVELOPMENT & LIFE HISTORIES (LECTURE)

- PBE -- Chapter 9, pp. 279-309.
- *PEth— Chapter 15, pp. 163-174.*

THUR 3 NOV GUEST SPEAKER: DR. JESSICA ROTHMAN, HUNTER COLLEGE, NYC

TUES 8 NOV **SECOND EXAM**

THUR 10 NOV CASE STUDY: CLEVER MONKEYS (FILM)

- *PEth—Chapter 6, pp. 57-68.*

TUES 15 NOV COMMUNICATION AND COGNITION

- PBE -- Chapter 10, pp. 311-345.

THUR 17 NOV CASE STUDY: CHIMPANZEE TOOL USE (FILMS)-- AWAY

- *PEth—Chapter 19, pp. 207-217.*

TUES 22 NOV Case Study: Ethnoprimatology (LECTURE & FILM)

- *PEth—Chapter 14, pp. 151-162.*

THUR 24 NOV THANKSGIVING

Tues 29 Nov COMMUNITY ECOLOGY

- PBE – Chapter 11, pp. 347-372.

THUR 1 DEC BIODIVERSITY

- *PEth—Chapter 13, pp. 139-150.*
- *PEth—Chapter 16, pp. 175-184.*

TUES 6 DEC CONSERVATION

- PBE-- Chapter 12, pp. 373-397.

THUR 8 DEC CONSERVATION (FILM)

- *PEth—Chapter 20, pp. 218-227.*
- *PEth—Chapter 21, pp. 228-237*

TUES 13 DEC REVIEW

THUR 15 DEC **THIRD EXAM**
