

J. PATRICK GRAY
Curriculum Vitae

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RESEARCH INTERESTS

Holocultural research; statistical methodology; anthropology of religion; sociobiology

ACADEMIC POSITIONS

- 1995-present Professor, Department of Anthropology, UW-Milwaukee
1984-1994 Associate Professor, Department of Anthropology, UW-Milwaukee
1982-1984 Assistant Professor, Department of Anthropology, UW-Milwaukee
1981-1982 National Endowment for the Humanities Residential Fellow. Department of History, Northwestern University.
1977-1971 Assistant Professor, Department of Sociology and Anthropology. North Texas State University.
1976-1977 Visiting Assistant Professor, Department of Anthropology. California State University, Chico.
1974 Researcher and Lecturer. Xavier University, Cagayan de Oro City, Philippines.

EDUCATION

- 1976 University of Colorado-Boulder. PhD Anthropology.
1973 University of Colorado-Boulder. MA Anthropology.
1971 Eastern Nazarene College. BA Anthropology/Psychology.

SPECIAL RESEARCH TRAINING

- 1991 Summer Institute in Cross-Cultural Studies. National Science Foundation.

AWARDS AND FELLOWSHIPS

- 1990 Scholars Award in Methodological Training: Spatial Autocorrelation Analysis. National Science Foundation grant BNS-8918815.
1979 Fear of Women: A Holocultural Study. National Institute of Mental Health grant RO3MH31941.

BOOKS

- Contract Companion to Cross-Cultural Research. D. White, M. Dow, A. Eff, and J. Patrick Gray, editors. Wiley-Blackwell 2015.
1992 Aggression and Peacefulness in Humans and Other Primates. J. Silverberg and J. Patrick Gray, editors. New York: Oxford University Press.
1985 Primate Sociobiology. New Haven: Human Relations Area Files Press.
1984 A Guide to Primate Sociobiological Theory and Research. New Haven: Human Relations Area Files Press

ARTICLES AND CHAPTERS

- 2013 Variation in scrotal color development among widely distributed vervet monkey populations (*Chlorocebus aethiops pygerythrus* and *Chlorocebus aethiops saberus*). American Journal of Primatology 75:752-762. With J. Cramer, T. Gaetano, P. Grobler, J. Lorenz, N. Freimer, C. Schmitt, and T. Turner.
- 2010 Growing yams and men: An interpretation of Kimam ritualized homosexual behavior. In, Indigenous Religions, S. Hunt, editor. Hampshire: Ashgate Publishing. (reprint of 1985 article).
- 2006 On artificial trends in comparative studies using Standard_Cross-Cultural Sample Data: Possibility and Probability. Current Anthropology 47:149-150.
- 2004 Fiber architecture, muscle function and behavior: Gluteal and hamstring muscles of semiterrestrial and arboreal guenons. In, Shaping Primate Evolution, F. Anapol, R. German, and N. Jablonski, editors. With F. Anapol and Nazima Shahnoor. Pp. 99-133.
- 2003 Fiber architecture of the intrinsic muscles of the shoulder and arm in semiterrestrial and arboreal guenons. American Journal of Physical Anthropology 122:51-65. With F. Anapol.
- 2000 Twenty years of evolutionary biology and human social behavior: Where are we now? In, Adaptation and Human Behavior: An Anthropological Perspective, L. Cronk, N. Chagnon, and W. Irons, editors. New York: Aldine. Pp. 475-495.
- 1999 The Peopling of the Americas. In, The Peoples of the Americas. Volume 1. London: Marshall Cavendish. Pp. iv-xi.
- A corrected Ethnographic Atlas. World Cultures 10(1): 24-136.
- 1998 Regional patterning in illness theories: Analyses with different types of optimal scaling. Cross-Cultural Research 32:3-36.
- Corrections to conhull.ado. Stata Technical Bulletin 41:4
- 1996 Human sociobiology. In, Encyclopedia of Cultural Anthropology, D. Levinson and M. Ember, editors. New York: Henry Holt. 1995. Pp. 1212-1219.
- Is the Standard Cross-Sample Biased? A simulation study. Cross-Cultural Research 30:301-315
- 1995 CORR-REL: A program for reliability analysis and optimal one-factor scaling. World Cultures Journal 9(1):58-75. With D. White.
- Growing yams and men: An interpretation of Kimam ritualized homosexual behavior. In, Human Sexuality, A. Simic, P. Omidian, and A. Almquist, editors. Dubuque: Kendall/Hunt, Pp. 265-275. (reprint of 1985 article).

- Convex hull programs. Stata Technical Bulletin 23:11-15. Software package and discussion. With T. McGuire.
- 1994 What accounts for population variation in height? In, Research Frontiers in Anthropology, C. Ember and M. Ember, editors. New York: Prentice Hall. Page location will vary with the set of readings an instructor orders. With L. Wolfe).
- 1993 Aloof marriage, subsistence, and the socialization of boys: A multivariate analysis. World Cultures Journal 7(1):5-14. With R. Brubaker.
- MANVPERM: A program for conducting permutational multivariate analysis of variance. World Cultures Journal 7(1). Software Package.
- 1992 Violence and peacefulness as behavioral potentialities of primates. In, Aggression and Peacefulness in Humans and Other Primates, J. Silverberg and J. Gray, editors. Oxford: Oxford University Press. pp. 1-36. With J. Silverberg.
- 1991 An anthropological perspective on human sexuality. In, Human Sexuality (Fourth edition) W. Masters, V. Johnson, and R. Kolodny, editors. New York: Harper and Row. pp. 660-689. With L. Wolfe.
- 1987 An anthropological perspective on human sexuality. In, Human Sexuality (Third edition) W. Masters, V. Johnson, and R. Kolodny, editors. Boston: Little Brown. pp. 650-678. With L. Wolfe.
- Do women have highest social status in hunting societies without high gods? Social Forces 65:1121-1131, 1139-1142.
- 1986 Growing yams and men: An interpretation of Kimam ritualized homosexual behavior. In, Anthropology and Homosexuality, B. Blackwood, editor. New York: Haworth Press, pp. 55-68. (reprint of 1985 article).
- 1985 Growing yams and men: An interpretation of Kimam ritualized homosexual behavior. Journal of Homosexuality 11(3/4):544-55.
- 1984 The influence of female power in marriage on sexual behaviors and attitudes: A holocultural study. Archives of Sexual Behavior 13:223-231.
- Correlates of monogamy in human groups: Tests of some sociobiological hypotheses. Behavior Science Research 18:141-153. With L. Wolfe.
- Homosexuality, institutionalized male transvestism, and the couvade. Ethos 12:54-63. With J. Ellington.
- 1983 Human female sexual cycles and the concealment of ovulation problem. Journal of Social and Biological Structures 6:345-352. With L. Wolfe.
- 1982 Male bricolage and the image of women: An analysis of '10'. International Journal of Women's Studies 5:75-85.
- Creationism and sociobiology: Two ethnosociologies of American society. American Anthropologist 84:580-594. With L. Wolfe.

A Cross-cultural investigation into human sexual dimorphism of stature. In *Sexual Dimorphism in Homo Sapiens*, R. Hall editor. New York: Praeger Scientific Press. pp. 197-230. With L. Wolfe.

Subsistence practices and human sexual dimorphism of stature. Journal of Human Evolution 11:575-580. With L. Wolfe.

Latitude and intersocietal variation of human sexual dimorphism. Human Ecology 10:409-416. With L. Wolfe.

Japanese monkeys and popular culture. Journal of Popular Culture 16(3):97-105. With L. Wolfe.

A note on brother inheritance. Ethology and Sociobiology 3:103-105. With L. Wolfe.

Creationism and popular sociobiology as myths. Annual Editions in Anthropology 82/83. Guilford, CT: Dushkin Publishing. pp. 176-179 (reprint of 1981 article). With L. Wolfe.

1981 Male security and art style in traditional societies. Journal of Social Psychology 114:35-42.

Parental certainty, subsistence, and inheritance revisited. Journal of Human Evolution 10:177-180. With L. Wolfe.

Comment on Gaulin and Schlegel (1980). Ethology and Sociobiology 2:95-98. With L. Wolfe.

Creationism and sociobiology as myths. The Humanist 41(4):43-50. With L. Wolfe.

Sexual attitudes of university students. Florida Journal of Anthropology 6(2):59-67. With L. Wolfe.

1980 Cross-cultural factors associated with sexual foreplay. Journal of Social Psychology 111:3-8.

Rock as a chaos model ritual. Popular Music and Society 7(1):75-83.

Height and sexual dimorphism of stature among human societies. American Journal of Physical Anthropology 53:441-456. With L. Wolfe.

The loving parent meets the selfish gene. Inquiry, the International Journal of Philosophy 23:233-242. With L. Wolfe.

A note on diversity of Filipino religious values. Kinaadman 2:155-162. With F. Demetrio.

1979 The universality of the female witch. International Journal of Women's Studies 2:541-550.

The relationship of males to nature and culture. Anthropology 3:27-46.

Bisayan myths of death and speciation: A content and structure analysis. Asian Folklore Studies 38:11-71.

Sociobiology or so-so biology? In, Women in Anthropology. Sacramento Anthropological Society Publication #15:106-118. With L. Wolfe.

- 1978 The methodology of structural analysis. Asian Folklore Studies 37:77-95.
- An example of the use of ethnohistorical sources in the structural study of myth. Unitas 51:76-85.
- Sociobiology and symbolic anthropology: Conflict or conformity? Proceedings of the East Texas State Fall Sociological Research Symposium 1:54-63.

COMMENTARIES, REVIEW ESSAYS, ABSTRACTS, AND BOOK REVIEWS

- 1999 Review: Cultural Anthropology: An Introduction Using ExplorIt. Field Methods 11:89-93.
- 1996 Abstract: Microsatellite and Serum Protein Diversity in Kenyan Vervet Monkeys. Abstracts from the XVI Congress of the International Primatological Society and the XIX Conference of the American Society of Primatologists #576. With T. Turner, M. Weiss, D. St. George, D. Rosinsky, and C. Jolly.
- 1994 Review: Hewlett (ed.) Father-Child Relations: Cultural And Biosocial Contexts. American Journal of Human Biology 6:411-412.
- 1991 Review: Huag, Brain, and Aron (eds.) Heterotypical Behaviour in Man and Animals. American Journal of Human Biology 3:451-452.
- 1990 Review: Rentschler, Herzberger, and Epstein (eds.). Beauty and the Brain: Biological Aspects of Aesthetics. American Anthropologist 92:547-548.
- 1989 Alloprimate: A useful alternative. Physical Anthropology News 8(1):15-16. With L. Wolfe.
- Review: Sangren's History and Magical Power in a Chinese Community. Ethnohistory 36:346-348.
- 1988 Review: Needham's Momboru: History and Structure in a Domain Of Northwestern Sumba. American Anthropologist 90:728-729.
- 1987 Review: Rancour-Laferriere's Signs of the Flesh. American Anthropologist 89:234-235.
- 1986 Comment: What is Sociobiology's Central Dogma? Behavioral And Brain Sciences 9:206-207. With J. Silverberg.
- 1983 Response to Waldorf. American Anthropologist 85:905. With L. Wolfe.
- 1982 Comment on Lovejoy's The Origin of Man. Science 217:302. With L. Wolfe, J. Robinson, L. Lieberman, and E. Peters.
- Abstract: On What Physical Anthropologists should know about Creationism as an American Discourse. American Journal of Physical Anthropology 57:241. With L. Wolfe.
- 1981 Review of Isbell's To Defend Ourselves. Social Science Journal 18:156-157.

- 1980 Abstract: Male Parental Investment and Human Sexual Dimorphism. American Journal of Physical Anthropology 52:233. With L. Wolfe.
- 1979 Comment on Feinberg's Schneider's Symbolic Culture Theory: An Appraisal. Current Anthropology 20:613-614.

PAPERS AND INVITED LECTURES

- 2006 Intelligent k-means clustering and data mining of association rules. Central States Anthropological Society.
- 2004 When the chi-squared test doesn't fit: Row-effect models and orthogonal polynomial decompositions in data analysis. Central States Anthropological Society
- 2003 Some Advantages of Contingency Table Analysis using Orthogonal Polynomials in the Analysis of Faunal Data. Society for American Archaeology.
- 1998 Correspondence Analysis and Archaeology. Society for American Archaeology. With D. Gaff.

Cultural Norms and Mental Health Practice. 21st Door County Summer Institute in Psychiatry, sponsored by the Medical College of Wisconsin
- 1997 Internal aggression and polygyny: A holocultural study. Central States Anthropological Society. With A. Joyce.

The uses of stored samples for genetic analysis: Recycled Field Studies. Annual Meetings of the American Association of Physical Anthropologists. With T. Turner and M. Weiss.

Genetic variation in Old World Monkeys and its relevance to humans. Cold Spring Harbor Symposium on Human Evolution. With T. Turner and M. Weiss.
- 1996 Discussant, Evolutionary Biology and Human Social Behavior 20 Years Later. American Anthropological Association.

Microsatellite and Serum Protein Diversity in Kenyan Vervet Monkeys. XVI Congress of the International Primatological Society and the XIX Conference of the American Society of Primatologists. With T. Turner, M. Weiss, D. St. George, D. Rosinsky, and C. Jolly.

Is the Standard Sample Biased? A Simulation Study. Society for Cross-Cultural Research.
- 1989 Father absence and somatic effort: A holocultural study of adult male stature. Central States Anthropological Society.
- 1988 The generation and inhibition of aggression and violent conflict in humans and other primates. Invited paper, 12th International Congress of Anthropological and Ethnological Sciences. With J. Silverberg.

Norms of premarital sexuality cross-culturally: An evolutionary perspective. Co-invited by the Program in Human Behavior and Evolution and the Department of Anthropology, University of Michigan.

- The ethology and ethnography of aggression and non-aggression in primates. For panel on Frontiers in the Social Sciences. American Association for the Advancement of Science. With J. Silverberg.
- 1985 The symbolics of father-son incest in some New Guinea Societies. American Anthropological Association.
- Constructing, Deconstructing, and Reconstructing the Human Ancestor. American Anthropological Association. With O. Soffer.
- 1984 Warfare, infant stress, and human stature. American Anthropological Association. With J. Roberts.
- War, polygyny, and sexual dimorphism of stature. Society for Cross-Cultural Research. With J. Roberts.
- 1982 Homosexuality, institutionalized male transvestism, and the couvade. American Anthropological Association.
- On what physical anthropologists should know about creationism as an American discourse. American Association of Physical Anthropology. With L. Wolfe.
- 1981 Creationism and sociobiology as myths. American Folklore Society. With L. Wolfe.
- Sexual dimorphism in humans. American Association of Physical Anthropology. With L. Wolfe.
- 1980 Inheritance practices and human sexual dimorphism. American Anthropological Association. With L. Wolfe.
- The hummingbird penis: Desana concepts of male sexuality. East Texas State University Fall Sociological Research Symposium.
- Witchcraft and the patriarchal hypothesis. Western Social Science Association.
- Male parental investment and human sexual dimorphism. American Association of Physical Anthropology. With L. Wolfe.
- 1979 Sexual foreplay: The influence of the Whiting Complex. American Anthropological Association.
- Human mating systems and the sexual division of labor. East Texas State University Fall Sociological Research Symposium. With L. Wolfe.
- Tales from the road: Football and rock. Western Social Science Association.
- Cross-gender dressing and family structure. Southwestern Social Science Association.
- 1978 Football:rock::Star Trek:soap operas. East Texas State University Fall Sociological Research Symposium.

Crossing over: Bisayan myths of the burden of culture. Western Social Science Association.

1977

Styles in symbolic anthropology. East Texas State University Fall Sociological Research Symposium.