

Revised 01/09

CURRICULUM VITAE – DOUGLAS E. CREWS

Department of Anthropology and School of Public Health
The Ohio State University
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EDUCATION:

Ph.D. 1985 Anthropology, The Pennsylvania State University
M.A. 1980 Anthropology: Minor- Statistics, The Pennsylvania State University
B.A. 1976 Anthropology with Distinction, The Pennsylvania State University

RESEARCH INTERESTS:

Senescence, Life Span, and Aging	Genetic Epidemiology
Ethnicity and Disease	Diabetes and Cardiovascular Diseases
Evolutionary Biology of Senescence	Human Variation and Adaptability
Ecological and Biocultural Aspects of Health	Asia/Polynesia – Samoa, Japan
Latin America - Yanomami, Brazil;	United States: African Americans
Cofan, Ecuador	Europe – Slovenia

TEACHING INTERESTS:

Medical Anthropology	Human Genetics: Anthropological/Medical
Demography and Population Genetics	Research Issues in Gerontology
Research Proposal Writing	Growth, Development, and Aging
Human Variation in Health and Disease	Genetic Epidemiology
Human Ecology and Adaptability	The Molecular Revolution
Biology of Senescence	

PROFESSIONAL EXPERIENCE:

2005- Professor, Department of Anthropology, The Ohio State University
2005- Professor, School of Public Health, The Ohio State University
1996-2005 Associate Professor, Department of Anthropology The Ohio State University
1996- 2005 Associate Professor, School of Public Health, The Ohio State University
1991-95 Assistant Professor, Department of Anthropology The Ohio State University
1991-95 Assistant Professor, Department of Preventive Medicine, The Ohio State University
1990-93 Adjunct Assistant Professor, Department of Community Health and Preventive Medicine and Department of Anthropology, Northwestern University Medical School and Northwestern University

1990-91 Assistant Professor, Department of Preventive Medicine and Epidemiology,
Loyola University Medical School
1988-90 Research Scientist-Assistant Professor, Department of Community Health and
Preventive Medicine, Northwestern University Medical School
1987-88 Postdoctoral Fellow, Cardiovascular Epidemiology, Biostatistics, Nutrition,
Prevention, National Heart, Lung and Blood Institute Department of Community
Health and Preventive Medicine, Northwestern University Medical School
1987 Adjunct Instructor, Department of Anthropology, Florida State University
1985-87 Postdoctoral Fellow, Demography of Aging, National Institute on Aging, Center
for the Study of Population, Florida State University
1984-85 Research Associate, The Louisville Longitudinal Longevity Program,
Department of Biochemistry, University of Louisville School of Medicine
1981-84 Predoctoral Fellow, National Institute on Aging Interdisciplinary Training
Fellowship in Gerontology, The Pennsylvania State University

PUBLICATIONS:

Journals and Book Chapters:

1. Crews DE. Mortality Related to Cardiovascular Disease and Diabetes Mellitus in a Modernizing Population. Masters Paper, The Pennsylvania State University. 1980.
2. Crews DE, PC MacKeen. Morality Related to Cardiovascular Diseases and Diabetes Mellitus in a Modernizing Population. Social Science and Medicine. 16:175-81, 1982.
3. Smyer MA, DE Crews. "Developmental" intervention: Demographic and economic change as a context for intervention. In: ML Machi and DA Kleiber (eds.) Motivation and Adulthood. Greenwich, CN: JAI Press, pp. 185-215, 1985.
4. Mortality, Survivorship and Longevity in American Samoa 1950 to 1981. Dissertation. The Pennsylvania State University, 1985.
5. Baker PT, DE Crews. Mortality patterns and some biological predictors. IN: PT Baker, JM Hanna and TS Baker (eds.) The Changing Samoans: Behavior and Health in Transition. Oxford, England: Oxford University Press, pp. 93-122, 1986.
6. Crews DE. Body Weight, Blood Pressure and the Risk of Total and Cardiovascular Mortality in and Obese Population. Human Biology. 60: 417-33, 1988.
7. Crews DE. Multiple Causes of Death and the Epidemiological Transition in American Samoa. Social Biology. 60(3-4): 198-213, 1988.
8. Crews DE, JD Pearson. Cornell Medical Index Responses and Mortality in a Polynesian Population. Social Science and Medicine. 27(12): 1433-37, 1988.
9. Pearson JD, DE Crews. Evolutionary, Biosocial, and Cross-Cultural Perspectives on the Variability in Human Biological Aging. American Journal of Human Biology. 1(3): 303-06, 1989.
10. Crews DE. Cause Specific Mortality, Life Expectancy, and Debilitation in Aging Polynesians. American Journal of Human Biology. 1(3): 347-53, 1989.

11. Crews DE. Multivariate Prediction of Total and Cardiovascular Mortality in and Obese Polynesian Population. American Journal of Public Health. 79(8): 982-86. 1989.
12. James CD, DE Crews, JD Pearson. The sympathetic-adrenal response-to stress: Methodological issues and adaptational significance. IN: MA Little and JD Hass (eds.) Human Population Biology: A Transdisciplinary Science. Oxford, England: Oxford University Press, pp. 280-295, 1989.
13. McGarvey ST, JR Bindon, DE Crews, DE Schendel. Modernization and human biology: Ecological and adaptive perspectives on adiposity and chronic disease. IN: MA Little and JD Hass (eds.) Human Population Biology A Transdisciplinary Science. Oxford, England: Oxford University Press, pp. 260-279, 1989.
14. Crews DE. Anthropological Issues in Biological Gerontology. IN: Robert L. Rubinstein (ed.) Anthropology and Aging: Comprehensive Reviews. Dordrecht, The Netherlands: D. Reidel Publishing Co., pp. 11-38, 1990.
15. Mancilha-Carvalho JJ, DE Crews. Lipid Profiles of Yanomami Indians in Brazil. Preventive Medicine. 19(1): 66-75, 1990
16. Crews DE. Multiple Causes of Death, Chronic Diseases, and Aging. Collegium Antropologicum. 14(2): 197-204, 1990.
17. Bindon JR, DE Crews. Biocultural responses to modernization: Lessons from Samoa. Human Ecology and Anthropology: Lessons for the 21st Century. Lectures. Zagreb: Institut za Medicinska Istrazivanja i Medicinu Rada. pp.103-115, 1990.
18. Crews DE, MI Kamboh, JR Bindon, RE Ferrell. Genetic Studies of Human Apolipoproteins XVII: Population Genetics of Apolipoprotein Polymorphisms in American Samoa. American Journal of Physical Anthropology. 84(2): 165-70, 1991.
19. Crews DE, GD James. Human evolution and the genetic epidemiology of chronic degenerative diseases. Applications of Biological Anthropology to Human Affairs, CGN Mascie-Taylor, G Lasker (eds), Cambridge Studies in Biological Anthropology, pp. 185-206, 1991.
20. Crews DE, J Stamler, AR Dyer. Conditions other than Underlying Cause of Death Listed on Death Certificates Provide Useful Information. Epidemiology. 2(4): 9-16, 1991.
21. Bindon JR, DE Crews, W Dressler. Life Style, Modernization, and Adaptation Among Samoans. Collegium Antropologicum. 156(1): 101-10, 1992.
22. Crews DE, J Smith-Ozeran. Historical Demographic and Epidemiological Studies of Aging: Examples from American Samoa. American Journal of Human Biology. 4(1): 9-16, 1992.
23. Crews DE, JR Bindon, MI Kamboh. Apolipoprotein Polymorphisms and Phenotypic Variability in American Samoans: Preliminary Data. American Journal of Human Biology. 5(1): 39-48, 1993.
24. Bindon JR, DE Crews. Changes in Some Health, Status Characteristics of American Samoa Men: A 12-Year Follow-up Study. American Journal of Human Biology. 5(1): 31-38, 1993.
25. Crews DE, MI Kamboh, JJ Mancilha-Carvatho, B Kottke. Population Genetics of Apolipoprotein E, A-IV, and H Polymorphisms and Effects on Lipids,

- Lipoproteins, and Carbohydrate Metabolism in Yanomami Indians of Northwestern Brazil. Human Biology. 65(2): 211-24, 1993.
26. Crews DE. Cultural Lags in Social Perceptions of the Aged. Generations. 17(2): 29-33, 1993.
 27. Crews DE. Biological Aging. Journal of Cross-Cultural Gerontology. 8: 281-90, 1993.
 28. Crews DE. Biological Anthropology and Human Aging: Some Current Directions in Aging Research. Annual Review of Anthropology Volume 22: 395-423, 1993.
 29. Crews DE, JJ Mancilha-Carvalho. Structural Modeling of Blood Pressure in Yanomami Indians of Northwestern Brazil. Ethnicity & Disease. 3(4): 362-71, 1993.
 30. Crews DE, SR Losh. Structural Modeling of Blood Pressure in Samoans. Collegium Antropologicum. 18(1): 101-13, 1994.
 31. Crews DE, JR Bindon. Ethnicity as a Taxonomic Tool in Biomedical and Biosocial Research. Ethnicity & Disease. 1(1): 42-49, 1994.
 32. Fitton L, DE Crews. Glucose- Measurement in Field Situations: Comparison of Portable Monitoring Devices and Chemistry Analyzers. Collegium Antropologicum. 18(1): 45-51, 1994.
 33. Crews DE. Human Population Biology and Human Variation in Health and Disease. Collegium Antropologicum. 18(1): 1-5, 1994.
 34. Crews DE. Obesity and Diabetes. In Confronting Critical Health Issues of Asian and Pacific Islander Americans. N Zane, D Takeuchi, KNJ Young (eds), Sage Publications Inc.: Thousand Oaks, CA. pp. 174-208, 1994.
 35. Crews DE, L Gerber. Why are chronic degenerative diseases and aging related? Biological Anthropology and Aging: Perspectives on Human Variation Over the Life Span. DE Crews and Garruto RM, eds. Oxford University Press: New York, pp. 154-181, 1994.
 36. Crews DE, RM Garruto. Prologue: Human Aging - A Paradigm of Transdisciplinary Research Biological Anthropology and Aging: Perspectives on Human Variation Over the Life Span. Crews DE and Garruto RM, eds. Oxford University Press: New York, pp. vii-xiv, 1994.
 37. Garruto RM, DE Crews. Epilogue: Human Aging - The Scientific Relevance of Transdisciplinary Approaches. Biological Anthropology and Aging: Perspectives on Human Variation Over the Life Span. Crews DE and Garruto RM, eds. Oxford University Press: New York, pp. 434-436, 1994.
 38. Crews DE. Cultural Lags in Social Perceptions of the Aged. Changing Perceptions of Aging and the Aged. D Shank and WA Achenbaum (eds.), Springer: New York, pp. 45-54, 1994.
 39. Barley J, A Blackwood, N Carter, DE Crews, JK Cruickshank, S Jeffery, AG Ogunlesi, GA Sahnelta. Angiotensin Converting Enzyme Insertion/Deletion Polymorphism- Association with Ethnic Origin. Journal of Hypertension. 12(8): 955-57, 1995.
 40. Silva HP, DE Crews, WA Neves. Subsistence Patterns and blood Pressure Variation in Two Rural "Cabocolo" Communities of Marajo, Para, Brazil. American Journal of Human Biology. 7(4): 535-42, 1995.

41. Easton RD, DA Merriwether, DE Crews, RE Ferrell. Mitochondrial DNA Variation in the Yanomami: Evidence for Additional New World Founding Lineages. The American Journal of Human Genetics. 59: 213-25, 1996.
42. Lasker GW, DE Crews. Behavioral Influences on the Evolution of Human Genetic Variation. Molecular Phylogenetics and Evolution. 5(1): 232-240, 1996.
43. Crews DE. Human Variation in Health and Disease: The Transdisciplinary View of Human Population Biology. Collegium Anthropologicum. 21(1):1-2, 1997.
44. Severson LD, DE Crews, RW Lang. Application of SSP/ARMS to HLA Class Loci in Samoans. Proceedings of the Twelfth International Histocompatibility Workshop and Conference. pp. 170-72, 1997.
45. Crews DE. Aging and Gerontology: A Paradigm of Transdisciplinary Research. Collegium Anthropologicum, 21(1): 83-92, 1997.
46. Bindon JR, A Knight, WW Dressler, DE Crews. Social Context and Psychosocial Influences on Blood Pressure. American Journal of Physical Anthropology. 103(1): 7-18, 1997.
47. Crews DE. Human Biology and Aging: Recent Advances and New Directions. American Journal of Human Biology. 10(5): 407-408, 1998.
48. Crews DE, GJ Harper. Renin, ANP, ACE Polymorphisms, Blood Pressure and Age in American Samoans: Preliminary Data. American Journal of Human Biology. 10(5): 439-49, 1998.
49. Crews DE, HP Silva. Seasonality and Human Adaptation: Current Reviews and Trends. Reviews in Anthropology. 27(1); 1-15, 1998.
50. Crews DE, SL Williams. Molecular Aspects of Blood Pressure Regulation. Human Biology. 71(4): 475-503, 1999.
51. Crews DE, Balcazar H. Exploring family and health relationships: the role of genetics, environment, and culture. Handbook of Marriage and the Family, Second Edition. MB Sussman, SK Steinmetz, GW Peterson (eds.), Plenum Press: New York, pp. 613-631, 1999.
52. Gerber LM, DE Crews. Evolutionary Perspectives on Chronic Diseases: Changing Environments, Life Styles, and Life Expectancy. Evolutionary Medicine. WR Trevathan, JJ McKenna, N Smith (eds.), Oxford University Press: New York, Chapter 18, pp. 443-469. 1999.
53. Harper GJ, DE Crews. Aging, senescence, and human variation. Textbook of Human Biology: An Evolutionary and Biocultural Perspective, S Stinson, B Bogin (eds.), Wiley-Liss: New York pp.465-505, 2000.
54. Merriwether DA, BM Kemp, DE Crews, JV Neel. Gene flow and genetic variation in the Yanomami as revealed by mitochondrial DNA. America Past, America Present: Genes and Languages in the Americas and Beyond. C. Renfrew (ed.), McDonald Institute for Archaeological Research: Cambridge, pp. 89-124, 2000.
55. Al-Kandari Y, DE Crews, FE Poirier. Length of Marriage and its Effect on Spousal Concordance. American Journal of Human Biology. 14(1): 1-8, 2002.
56. Ice GJ, GD James, DE Crews. Diurnal Blood Pressure Patterns in Long-term Care Settings. Blood Pressure Monitoring.; 7:105-09, 2002.
57. Al-Kandari Y, DE Crews, FE Poirer. Consanguinity and Spousal Concordance in Kuwait. Collegium Antropologicum. 26 (Suppl): 1-13, 2002.

58. Crews DE, LJ Gerber. Reconstructing Life Histories of Hominids and Humans. Collegium Antropologicum. 27(1): 7-22, 2003.
59. Ice GH, GD James, DE Crews. Blood Pressure Variation in the Institutionalized Elderly. Collegium Antropologicum. 27(1): 7-22, 2003.
60. Gerber LJ, DE Crews. Chronic degenerative diseases and human evolution. *Medicina Darwiniana L'Approccio Evoluzionista alla Malattia*. Stefano Canali, Gilberto Carbellini (eds.), Apeiron Editoria Comunicazione SRL: Italy, 2003.
61. Crews DE, LJ Fitton, MI Kamboh, B Kottke. Population Genetics of Apolipoproteins A-IV, E and H, and the Angiotensin Converting Enzyme (ACE): Associations with Lipids and Apolipoproteins in American Samoans. American Journal of Physical Anthropology. 124(4): 364-72, 2004.
62. Crews DE. Artificial Environments and an Aging Population: Designing for Age-Related Functional Loss. Journal of Physiological Anthropology and Applied Human Sciences. 24(1):103-09, 2005.
63. Crews DE. Evolutionary Perspectives on Human Longevity and Frailty. Longevity and Frailty. J-M Robine, J. Carey, Y. Christen, J-P. Michel (eds.) Springer-Verlag: Paris, 2005, pp. 57-65.
64. Crews DE. Unraveling Senescence, Aging, and Diseases and Assessing Senescent Change. Strategy for the Ageing Society: The Possibilities of Human Life Science. The Proceedings of the 13th Osaka City University International Symposium. 30 October – 1 November, 2005, pp. 45-48, 2005.
65. Silva HP, GD James, DE Crews. Blood Pressure, Seasonal Body Fat, Heart Rate and Ecological in Cabocolo Populations of the Brazilian Amazon. American Journal of Human Biology. 18(1); 10-22, 2006.
66. Crews DE, S Zavotka. Aging, Disability, and Frailty: Implications for Universal Design. Journal of Physiological Anthropology. 25(1): 113-118, 2006.
67. Crews DE. Physiological Anthropology, Human Biology, and Modern Human Variation. Journal of Physiological Anthropology. 25(1): 63-65, 2006.
68. Larke A, DE Crews. Parental Investment, Late Reproduction, and Increased Reserve Capacity are Associated with Longevity in Humans. Journal of Physiological Anthropology. 25(1): 119-131, 2006.
69. Silva HP, DE Crews. Ecology of Children's Growth: An Example from Transitional Populations of the Brazilian Amazon. International Journal of Anthropology. 21:92-109, 2006.
70. Ossa K, DE Crews. Biological and Genetic Theories of the Process of Aging Throughout Life. Human Clocks: The Bio-Cultural meanings of Age. C Sauvain-Dugergil, H Leridon, N Mascie-Taylor (eds.), International Union for the Scientific Study of Population: Liege, Belgium, pp. 61-84, 2006.
71. Crews DE. Senescence, Aging and Disease. Journal of Physiological Anthropology. 26(3): 365-372, 2007.
72. Bindon JR, WW Dressler, MJ Gilliland, DE Crews. A Cross-Cultural Perspective on Obesity and Health in Three Groups of Women: The Mississippi Choctaw, American Samoans, and African Americans. Collegium Antropologicum. 31(1): 47-54, 2007.
73. Crews DE. Assessing Composite Estimates of Stress in American Samoans. American Journal of Physical Anthropology. 133(3): 1028-34, 2007.

74. Crews DE, LJ Gerber. Genes, Geographic Ancestry, and Disease Susceptibility: Applications of Evolutionary Medicine to Clinical Settings. In: *Evolutionary Medicine and Health: New perspectives*. WR Trevathan, EO Smith, JJ McKenna, eds. Oxford University Press: New York, pp.368-381, 2008.
75. Crews, DE. Co-evolution of human mating strategies, culture and longevity. In: *Aging Related Problems in Past and Present Populations*. In: *Aging Related Problems in Past and Present Populations* Eva Bodzsar and C Sussanne eds. Plantin Publ. & Press Ltd.: Budapest, Hungary, pp. 9-25. 2008.
76. Crews DE. Design and the elder phenotype: anthropometry, muscle loss, and disability. *Proceedings of the 9th International Congress of Physiological Anthropology: Human Diversity: Design for Life, Delft, The Netherlands, January 2009*, (in press).
77. Crews DE, J Stewart. Human longevity and senescence: what is uniquely human. In: *Human Evolutionary Biology*. M P. Muehlenbein, ed. Cambridge University Press: New York, (in press).
78. Crews, DE. Senescence and obesity: is adult obesity a senescent process? *Zdravstveno Vaestvo (Slovenian Journal of Public Health)*. (submitted).
79. Crews DE, E Moore. Insulin Receptor Substrate-1 (IRS-1) Polymorphism in Samoans and African Americans: association with glucose, diabetes, and obesity. (in revision).

Books:

1. Biological Anthropology and Aging: Perspectives on Human Variation over the Life Span. 1994. DE Crews and RM Garruto (eds); Oxford University Press: New York.
2. Human Senescence: Evolutionary and Biocultural Perspectives. 2003. Cambridge University Press: New York.
3. Human Adaptability: A Reader. DE Crews and JR Bindon, Prentice-Hall Pubs. (in prep [available as a URL <http://www.as.ua.edu/ant/bindon/reader.htm>]).

Book Reviews:

1. *Anthropology and Epidemiology: Interdisciplinary Approaches to the Study of Health and Disease*. American Journal of Human Biology, 1(1):118-120, 1989.
2. *Centenarians in Hungary: A Sociomedical and Demographic Study*. (Interdisciplinary Topics in Gerontology Number 27) Annals of Human Biology, 18(6):529-530, 1991.
3. *Ethnicity and Aging*. Ethnicity & Disease, 2(1):96-97, 1992.
4. American Journal of Clinical Nutrition. *Symposium: Obesity and Cardiovascular Diseases in Minority Population*. 2(2):194-195, 1992.
5. *Spatial Epidemiology*. Annals of Human Biology, 19(5):533-534, 1992.
6. *What Happens to Former Athletes?* American Journal of Human Biology. 5:365-366, 1993.
7. *Anthropology and Aging: A Partially Annotated Bibliography*. Human Biology. 65(4): 675-676, 1993.
8. *Longevity, Senescence, and the Genome*. American Journal of Human Biology. 7(5): 688-670, 1995.

9. *Perspectives in Human Biology, Volume 1: Genes, Ethnicity and Aging*. American Journal of Human Biology. 10(1): 98-101, 1998.
10. *Molecular Aspects of Aging*. Human Biology. 70(3): 631-638, 1998.
11. *Legal and Healthcare Ethics for the Elderly*. Journal of Biosocial Sciences. 30:561-562, 1998.
12. *A Means to an End: The Biological Basis of Aging and Death*. Human Biology. 73(6): 897-901, 2001.
13. *Biology of Aging: Principles and Observations*. American Journal of Human Biology. 13(4): 560-562, 2001.
14. *Measuring Stress in Humans: A Practical Guide for the Field*. American Journal of Physical Anthropology, 138(2):240-241, 2009, Published Online: Dec 2 2008 9:36AM.

Research Reports and Encyclopedia Entries:

1. Longevity and Mortality in American Samoa. Association for Anthropology and Gerontology Newsletter. 6(4):5-6, 1985.
2. Glycation and Aging. Association for Anthropology and Gerontology Newsletter. 11(4): 4-5, 1990.
3. Diabetes and Obesity: A 20th Century Epidemic in Asian/Pacific Islander Americans. Health Wire. Scientist's Institute for Public Information. April 1993.
4. Pearson ID, DE Crews. Aging and Biological Anthropology. History of Physical Anthropology: An Encyclopedia. FE Spencer (ed.) Garland Press: New York. 43-47, 1997.
5. Crews DE, GA Harper. Aging as Part of the Developmental Process. Encyclopedia of Human Growth and Development. SJ Ulijaszek, FE Johnston, MA Preece (eds). 425-427, 1998.
6. Pearson JD, DE Crews. Programmed Cell Death: Apoptosis. Encyclopedia of Human Growth and Development. SJ Ulijaszek, FE Johnston, MA Preece (eds). 431,1998.
7. Postnatal Development, Museum of Comparative Anthropogeny (MOCA), Center for Academic Research Training in Anthropogeny (CARTA), University of California San Diego, in press.

GRANT PROPOSALS –FUNDED/RECENT SUBMISSIONS:

1. "Homeless Elderly in Leon Co., Florida" with Janet P. Barber, funded by the Center on Gerontology, May 1987, Florida State University, \$1,500.
2. "Multiple-Cause Mortality among Aging Samoans" funded by the National Institute on Aging, September 1988, Northwestern University Medical School, \$77,246 direct costs.
3. "Plasma Glucose, Apolipoproteins, and Genetic Polymorphisms in Yanomamo Indians of Brazil," funded by Wenner-Gren Foundation for Anthropological Research, Inc., 3 December 1989, \$9,500 direct costs.
4. "Minority High School Student Research Apprentice Program," funded by Biomedical Research Support Program, National Center for Research Resources, 1 March 1991, \$15,000 direct costs.

5. "Population Genetics of Apolipoprotein Polymorphisms in Samoa and Associations with Lipids, Apolipoproteins, and Body Habitus," funded by The Ohio State University Seed Grant Program, 20 December 1991, \$19,998 direct costs.
6. "Modernization and Hyperglycemia in Three Communities of Brazilian Blacks," Wenner-Gren Foundation for Anthropological Research, 1 November 1991, \$12,000 direct costs.
7. "Diabetes and Modernization among Samoan Americans: Diabetes Planning Grant," Co-Principal Investigator, 1 February 1992, \$25,000 direct costs.
8. "Molecular Correlates of Aging and Diabetes in Samoan- and African Americans," funded by The Ohio State University Seed Grant Program 24 February 1993, \$59,400 direct costs. Principal Investigator.
9. "To Aid Conference on Biological Anthropology and Aging, 1995, Oakland, CA, in collaboration with Dr. Jay Pearson and Dr. Ralph Garruto," funded by Human Biology Council 19 January 1995.
10. "To Aid Conference on Health, Disease, and Human Variation: transdisciplinary views of human population biology, 1996, Hvar, Croatia, in collaboration with Dr. Paul T. Baker," 29 April 1996.
11. "Ohio State Primary Care Academic Institute," Co-PI 5% time through Department of Family Medicine, funded September 1999-Aug 2002.
12. "Energy Balance, Health, and Fecundity Among the Bhutia of Sikkim, India." Wenner-Gren Foundation for Anthropological Research, Inc. 1 November 2000-31 October 2001, \$10,200 (Disseration Grant, Sharon R. Williams.)
13. "Building Research Capacity: Enhancing Research Productivity," Department of Health and Human Services, 1 September 2003 – 31 August 2006. PI Mary Jo Welker, M.D. – DEC Senior Research Scholar, Genetics, Co-Investigator 10% time.
13. Worldview, Perceived Health, Ethnicity and Mortality. National Institute of Health. 1 February 2003. \$750,000 direct costs, in revision
14. "Evaluation of Allostatic Load for Measuring Senescence in Japanese", Japan Society for the Promotion of Science 2,500,000 Yen (~\$25,000 US).
15. "Assessing Stress, Frailty, and Health to Unravel Senescence, Aging, and Disease," Slovenian Research Agency, Trg OF 13, SI-1000 Ljubljana, SLOVENIA, FUNDED 1 February 2007.
16. Senescent Biology, Age-Related Disease and the Evolutionary Biodemography of Human Longevity. Wenner-Gren Foundation for Anthropological Research, Inc. \$5,000. June 2007.
17. Biophysical Stress and Frailty Among Aging Japanese on Oshima Island. Wenner-Gren Foundation for Anthropological Research Inc. \$25,000 Funded November 2008

Grant Proposals Submitted – not funded:

1. "Integrated Studies of Samoan Obesity," submitted to National Heart Lung and Blood Institute, Co-investigator, 1993.
2. "Aging and Diabetes in Modernizing Samoans," submitted to the National Institutes of Health, 1 October 1991, \$1,482,204 direct costs, under revision.

3. "Life Style, Health Knowledge, and Glycemia in African Americans, " submitted to The American Diabetes Association, 1September 1993, \$67,473 direct costs.
4. "Health, Activity, and Glycemia in Samoa Americans," submitted to National Institutes of Health-National Institute of Diabetes, Digestive, and Kidney Diseases, 20 September 1993, \$644,753 direct costs.
5. "Cancer Control Assessment in Samoan Americans," Submitted to the National Institute of Health-National Cancer Institute, 20 October, 1993, \$608,351 direct costs.
6. "Health Knowledge, Life Style Attributes, and Glucose in African Americans," submitted to the Central Ohio Diabetes Association, 1 July 1994, \$38,142 direct costs.
7. "Rate of Aging Assessed by Roentgenography of Human Bones," subcontract with G Livshits, Ph.D., \$42,292 direct costs for subcontract.
8. "Population, Social, and Environmental Change in Amazonia," submitted to National Institutes of Health, 1February 1995, \$546,243 direct costs
9. "Letter of Intent to the Commonwealth Fund Program Announcement Quality of Care for Underserved Populations," 28 March 2003, PI \$125, 000 direct costs.

SYMPOSIA AND CONFERENCES ORGANIZED:

1. "Biological Anthropology and Aging: Cross-cultural and Biomedical Studies," 40th Annual Scientific Meeting of the Gerontological Society of America, November 18-22, 1987.
2. "Statistical Methods in Biological Anthropology: Concepts, Developments, and Limitations," 59th Annual Scientific Meeting of the American Association of Physical Anthropologists, April 4-7, 1989.
3. "Human population biology and human variation in health and disease," Inter-University Centre, Dubrovnik, Croatia June 1993.
4. "Human Biology and Aging: Recent Advances and New Directions for Research," Plenary Session and Symposium at the 20th Annual Scientific Meeting of the Human Biology Council, 28-29 March 1995, Oakland, CA.
5. "Human Variation in Health and Disease: the Transdisciplinary Perspective of Human Population Biology," Inter-University Centre, Hvar, Croatia, Anthropology and Health, 23-26 June 1996.
6. "Biological Anthropology of Aging: Theoretical Approaches and Current Directions," Presented at the annual meetings of the American Association of Anthropologists, November 1999.
7. "Populations in Transition: Health, Reproduction, and Life Span in a Changing World." XV ICAES 2K3, 5-12 July 2003, Session 26.
8. "Humantogeneses" Co-chair at the Gesellschaft für Anthropologie e.V. "Anthropologie der Geschlechter", Potsdam University, Germany, September 2003.
9. "At the Interface of Biology and Cultural: Biocultural Models in Human Biology." Plenary Session of the Human Biology Association, Milwaukee, WI, 6-7 April 2005.

10. "Health and Well-Being of the Elderly." Mini-session 1 at the 13th Osaka City University International Symposium "Strategy for the Aging Society: The Possibilities of Human Life Science." 30 October – 1 November 2005, Osaka, Japan session at the 8th International Congress of Physiological Anthropology
11. "Anthropology and Preventive Medicine" Session co-organizer and co-chair with Dr. Maruska Vidovic at the 4th Slovenian Congress of Preventive Medicine, 17-19 May 2007, Portoroz, Slovenia.
12. "Senescent biology, age-related disease and the evolutionary biology of human longevity". Anthropology and Health sponsored by the Croatian Anthropological Society in Hvar, Croatia July 2007.
13. "Adaptations to Natural and Artificial Environments: Studies in Physiological Anthropology". Accepted for presentation at the 2008 Annual Meetings of the American Association of Physical Anthropologists, 9-13 April 2008.

INVITED PRESENTATIONS:

- "Planning for Health Promotion and Disease Prevention in American Samoans: Obesity and Diabetes." Medical Grand Rounds, LBJ Tropical Health Center, PagoPago, American Samoa, 7 August 1992.
- "Obesity, Diabetes, and Health among Samoan Americans." Asian American Health Forum, San Francisco, CA, 26 August 1992.
- "Obesity, Diabetes, and Lifestyle Incongruity in Aging Samoans." University of California at San Francisco, Medical Anthropology Program, 9 December 1992.
- "Aging and Cultural Change in Samoa," presented at The Ohio State University Summer Institute on Aging, 14 July 1995.
- Invited participant, "National Asian & Pacific Islander American (APIA) Diabetes Initiative", 3-4 October 1997, Honolulu, Hawaii. Association of Asian Pacific Community Health Organizations.
- Symposium Discussant "Current Perspectives in Human Biology Among Tropical Populations in Latin America," 1999 Annual Scientific Meeting of the American Association of Physical Anthropology.
- "Genetic Epidemiology: Integrating genetics and epidemiology". School of Public Health/Preventive Medicine Alumni Society Annual Meeting 27 September 2002.
- "Humanotogenese" Co-Chair at the Gesellschaft fur Anthropologie e.V. "Anthropologie dur Geschlechter." Potsdam University, Germany, September 2003.
- "Artificial environments and an aging population: dsigning for age- related functional loss." "21st Century: Century of Engineering Program, International Symposium of Design of Artificial Environments", Kyushu University, Fukuoka, Japan, 2004.
- "Unraveling Senescence, aging, and disease and assessing senescence." Institute of Public Health of the Republic of Slovenia, Ljubljama, Slovenia. 26 October 2005
- Keynote speaker to the Slovenian Congress of Preventive Medicine. "Anthropology as a Public Health Discipline". Portrose, Slovenia 17-19 May 2007.
- Alabama Lectures on Life's Evolution 22 March 2007: "Human Senescence and Longevity: Evolutionary Models, Biological Models, and Biocultural Influences". April 2007

DISSERTATION COMMITTEE CHAIR:

- Gillian Harper (1998): "Stress and adaptation among elders in life-care communities".
- Lori Fitton (2000): "Is acculturation healthy?: biological, cultural, and environmental change among the Cofán of Ecuador".
- Judith Corr (2000): "The effects of aging on social behavior in male and female Rhesus Macaques of Cayo Santiago".
- Hilton da Silva (2001): "Growth, development, nutrition and health in Caboclo populations from the Brazilian Amazon".
- Laura Severson (2001): "HLA, Micro Satellite, and Viral DNA Sequences in American Samoans and Yanomami Indians".
- Gail Myers (2002): "Sustainable communities: traditions, knowledge, and adaptation among Black farmers in Ohio".
- Jacqui Robinson (2003): "Sociocultural risk factors of non-insulin diabetes mellitus among African Americans in Central Ohio".
- Sharon Williams (2003): "Energy, balance, health and fecundity among Bhutia women of Gangtok, Sikkim, India".
- Shahna Arps (2007): "High fertility in a high-risk environment a biocultural study of maternal health in Honduran Miskito communities".

OTHER PROFESSIONAL ACTIVITIES:

EDITORIAL:

American Journal of Human Biology: Editorial Board 2008-

Guest Editor: Evolutionary, Biosocial, and Cross-Cultural Perspectives on Aging 1(3) 1989.

Guest Editor: Human biology and aging: recent advances and new directions. 10(5), 1998

Association for Anthropology and Gerontology (AAGE) Newsletter:

Sub-Editor for Physical Anthropology 1989-93, Editor 1993-1997.

Collegium Antropologicum:

Consulting Editor 1996-present.

Guest Editor: Human population biology and human variation in health and disease June 1994.

Guest Editor, Human variation in health and disease: the transdisciplinary view of human population biology. June 1997.

Guest Editor, Biological anthropology of aging: theoretical approaches and current directions. January 2003.

Ethnicity & Disease:

Associate Editor 1990-92, Book Review Editor, 1990-92, Editorial Board, 1993-2003.

Human Biology:

Editorial Board 1998-present.

Journal of Physiological Anthropology and Applied Human Sciences:

Editorial Board, 2002-2005, Editor 2005-present.

Guest Editor: Physiological anthropology, human biology, and modern human variation 25(1): 2006.

American Journal of Human Biology - Editorial Board 2008-
Experimental Gerontology – Editorial Board 2007-

REVIEWER:

Grant Proposals:

John Simon Guggenheim Memorial Foundation 2005
NIMH - Ad Hoc Initial Review Group 1988
NSF - Division of International Programs
NSF - Physical Anthropology
Wenner-Gren Foundation for Anthropological Research
Welcome Fund 1999
NIEHS – Health Disparities: Linking Biological and Behavioral Mechanisms with
Social and Physical Environment 7/2000
NIA – 2007 – Reverse site visit

Scientific Journals:

American Anthropologist	Human Ecology
American J of Human Biology	International J of Anthropology
American J of Physical Anthropology	J of Physiological Anthropology
Annals of Human Biology	J of Cross-Cultural Gerontology
Annals of Epidemiology	Medical Anthropology
Biogerontology	Medical Anthropology Quarterly
Epidemiology	Michigan Academician
Ethnicity & Disease	Neuroendocrinology
Experimental Gerontology	Preventive Medicine
Gerontology	Social Science & Medicine
Human Biology	Neuroepidemiology 2008
Biological Research for Nursing	Gender Medicine 2008
Physiology & Behavior 2008	

COMMUNITY SERVICE:

Respondent: "Encounters: Apartheid/Racism in Southern Africa and Columbus, Ohio,
Health Issues. OSU Black Studies Community Extension Center, 21-23 October 1993.
Discussant: "Argentina, Brazil, Chile - Democracy and Market Economics. Upper
Arlington Senior Center, Upper Arlington, Ohio, 43221, 12 April 1994.
Invited Presenter "Growing Old in the Modern World" at the Fitness Forum. Sponsored
by the OSU Medical Center and Office of Geriatrics/Gerontology, 21 February 2002.
Invited Presenter "Growing Old in the Modern World" to the Golden Kiwanis of
Worthington, Ohio, 4 August 2002.
Invited Presenter "Growing Old in the Modern World" Ohio Nurses Forum: Continuing
Education 3 October 2002.
Invited Panel Participant at Kirwan Institute for the Study of Race and Ethnicity
Conference on "Toward a Transformative Agenda around Race" – Session "Back to

the Future? The Re-emergence of a Biological Conceptualization of Race.” 2
December 2007.

UNIVERSITY SERVICE:

Medical Humanities, Diversity and Cultural Affairs, Module on: “Influences of Culture and Race on Health,” Annually, April to First Year Medical Student Class 1999-2002.

Presentation Judge at the Ninth Annual Graduate Research Forum 21 April 1995 for Social and Behavioral Sciences.

Committee for Health Sciences and Aging Programs (CHAPS), 1994-present.

Session Organizer The Ohio State University Summer Institute on Aging, 14 July 1995, "Cross-Cultural Perspectives on Human Aging."

Commitment to Success Program Advisory Committee.

Presentation Judge Undergraduate Research Forum – 2002, 2004, 2005, 2006

Orientation Faculty/Family Discussion Groups 2002.

Maximus Competition Host 2002

DISCIPLINE SERVICE:

Local Arrangements Chair American Association of Physical Anthropologists, Columbus, OH 1999.

Outside Reviewer: SUNY-Binghamton MS in Biomedical Anthropology, January 2001.

Outside Reviewer: Anthropology Program SUNY-Binghamton, April 2001.

Outside Reader: Ph.D. Dissertation SUNY-Buffalo, The Growth Status of Guatemalan Street Children, 2001, Timothy V. Sullivan.

Outside Reader: Ph.D. Dissertation Southern Illinois University, Lack of Age-Related Increase in Average Glycemia in a Nonwesternized Sample of Rural Yucatec Mayan Females, 2001, Penelope McLorg.

Outside Reader: Ph.D. Dissertation McMaster University, Physician Ranking of Instrumental Activities of Daily Living, 2002.

President and Local Arrangements Chair, 7th International Congress of Physiological Anthropology, Columbus, OH, 2004.

Outside Reviewer: Tenure and Promotion University of Louisville College of Arts and Sciences, Anthropology, 2007.

DEPARTMENT SERVICE:

Honors Advisor Department of Anthropology 1995-97

Graduate Studies Committee: Member 1993-1995, Chair 1996-2002, Member 2005-06.

Promotion and Tenure Committee 1998-2002

Search Committees: Member 1999, 2006-07, Chair 2004-05, 2005-06, 2007-08, 2008-09.

PROFESSIONAL AFFILIATIONS:

American Heart Association Council on Epidemiology 1987-2004.

American Anthropological Association- Biological Anthropology Section 1990-92, 1998-present, Secretary-Treasurer 2005-2008

American Association of Physical Anthropologists 1980-present.
Association for Anthropology and Gerontology: 1982-present, Elections Comm.
1986-88, Physical Anthropology Program Chair 1989-93, Newsletter Edition 1993-98.
Gerontological Society of America 1980-84, 1986-87, 1998-present.
Human Biology Association 1980-present, Publications Comm. 1991-94, Chair Publications Comm. 1993-95, Public and Scientific Affairs and Information Comm. 1995-2000, Elections and Nominations Committee 1997-2000, Chair Elections and Nominations Committee 1998-2000, Executive Committee 2000-2004.
International Union of Anthropological and Ethnological Sciences Commission on Aging and the Aged 1988-present.
International Association of Physiological Anthropologists: Executive Committee 2002-2004, Vice President 2004-present.
Society for Epidemiological Research 1992-94.

UNIVERSITY ACTIVITIES:

Committees:

Faculty Senate: Member 2007-2010, Alternate 1995-97
College of Arts and Sciences Senate: Alternate 2004-2007
Research and Graduate Council Representative (Alternate) 2002-2004.
Committee for Health Science and Aging Programs 1994-present
Interdisciplinary Program in Aging and Gerontology, Executive Committee 1997-present
College Priorities Committee
Primary Care Research Institute (PCRI) 2000-present - Senior Research Scholar Genetics Team (10%)
Integrated Biomedical Sciences and Genetics Program (IBGP) 2000-present
Senate Diversity Committee: Chair 2006-present, Member 2004-present.
Senate Hearing Committee: Member 2006-2009, Chair Hearing Panel 2006-2007
Diversity Lecture Series Selection Committee 2007-present

Senior Honors Committee Member:

Elizabeth Moore/Anthropology (Chair) 1996
Christopher Barrett/Anthropology 1998
Tabitha Payne/Psychology 1999
Elizabeth Daviz/ Anthropology (Chair) 2001
Kelly Clark/Anthropology (Chair) 2002
Emily Perlow/Anthropology 2002
Sloan E. Eberly/Anthropology 2003
Tara Amburgy/Anthropology (Chair) 2010 anticipated

Master's Committees

Murphy/Preventive Medicine (Chair) 1995

Cindy Zeck/Anthropology 1995
Maureen Gallagher/Preventive Medicine 1995
Homani Amini/Public Health (Chair), 1996
Theresa Duren/Public Health (Chair) 1996
Susan Anderson/Public Health 1997
Amy Creighton/Public Health, 1998
Hilton DaSilva/Public Health (Chair) 1998
Thomas Waite, Anthropology, 1999.
Jennifer Petterson, Anthropology, 1999.
Dan Brown, Anthropology, 1999.
Andrew Watkins, Anthropology, 2000.
Laurie Michaels (Chair), Anthropology, 2000.
Steven Minnich, Anthropology, 2001.
Shana Arps (Chair), Anthropology, 2001.
Kristen Cole/Allied Medical Professions 2002
Jonathon Racster (Chair), Anthropology, 2002.
Aimee Larke (Chair), Anthropology, 2005.
Erin Wilman (Chair), Anthropology, 2006.
Laurie Reitsema (Chair), Anthropology, 2008
Jessica Waltz, (Chair), Anthropology, 2008
Brittany Kyle 2008

Graduate Faculty Representative on Doctoral Candidacy Examination:

Christopher Randle / (2000)
Yufang Tang / Molecular Biology (2001)
Sibyl R. Bucheli / Entomology (2003)
Yonghwa Lee / English (2005)
Jiejun Wu / Molecular Genetics (2007)

Doctoral Graduate Faculty Representative Ph.D. Dissertation Defense:

Nolan / 025 (1997)
Ko-Chaing Tim Tso / Nutrition (1997)
Felix A. Martinez / EEOB (2003)

Dissertation Committee Member:

Lori Sherran (1993)
Robert Woods (1995)
Donald Anderson (1996)
Janice Gillespie/Nursing (1996)
Heather Edgar (1998)
Nancy Tatarek (1999)
Yagoub Abdullah (1999)
Greg Zehner (2000)
Carsen Reider/Public Health (2001)

PUBLISHED ABSTRACTS OF PAPERS PRESENTED:

1. Crews DE, PC MacKeen. Adiposity-related mortality in American Samoa. Am J Phys Anthro 52:217, 1980.
2. Crews DE, TS Baker. Aging and culture change in Samoa: A comparison of traditional and modern life-styles. The Gerontologist 22:260-1, 1982.
3. Crews DE. Modernization and changing patterns of infant mortality in American Samoa. Am J Phys Anthro 57: 178 1982.
4. Crews DE. The association between physiological measures and early mortality in a Polynesian population. The Gerontologist 23:77, 1983.
5. Crews DE, JD Pearson. The Cornell Medical Index as a predictor of mortality in a Polynesian population. The Gerontologist 24:269-70, 1984.
6. Crews DE. Predictors of cardiovascular mortality in American Samoa. Am J Phys Anthro 63:149, 1984.
7. Crews DE. Hypertension, obesity and the relative risk of death in American Samoa. Am J Phys Anthro 66:160, 1985.
8. Crews DE, SA Murrell, CA Lang. High mental health occurs in physically healthy elderly women. The Gerontologist 25:165, 1985.
9. Fonda ML, JP Richie, DE Crews and CA Lang. Comparison of serum pyridoxal phosphate, age and blood proteins in healthy elderly women. Fed Proc 45:3921, 1986.
10. Crews DE. International migration and population structure in American Samoa. Pop Index, Fall, 1986.
11. Crews DE. Modernization and mortality change in American Samoa 1950 to 1980. Am J Phys Anthro 69:191, 1986.
12. Crews DE, JD Pearson. Symposium: Biological anthropology and aging: Cross-cultural and biomedical studies. The Gerontologist 27(SI):69-70, 1987.
13. Crews DE. Multiple causes of death and the epidemiological transition in American Samoa. Pop Index, 53(3):420-1, 1987.
14. Crews DE. Cause specific mortality patterns among aging Samoans Multiple cause of death trends 1950 to 1980. Ross Laboratories Symposium on the Nutritional and Dietary Status of the Elderly. Am J Phys Anthro 72:191, 1987.
15. Mancilha-Carvalho JJ, DE Crews. Blood lipids of Yanomamo Indians in Brazil. CVD Epidemiology Newsletter 43:47, 1988.
16. Crews DE. Causal modeling of blood pressure in a Samoan population. Am J Phys Anthro 75:200, 1988.
17. Crews DE. Multiple causes of death, debilitation, epidemiological transitions, and risk factors for early mortality. Collegium Antropologicum 12: 197, 1988.
18. Crews DE. Diabetes mortality and risk factors in two populations. Presented at the 1988 Congress of the International Union of Anthropological and Ethnological Sciences, Zagreb, Yugoslavia, July 28, 1988.
19. Crews DE, K Liu, AR Dyer, RB Shekelle, J Stamler. Elevated blood pressure, cancer mortality, and other contributing causes of death. Circulation Supplement 78(4):11-89, 1988.
20. Mancilha-Carvalho JJ, DE Crews. Lipid profiles of Yanomamo Indians in Brazil. The First National Cholesterol Conference Program Book p.68, 1988.

21. Crews DE. Skinfold measurements, ratios, and cause-specific mortality in Samoans. Am J Phys Anthropol 78:207, 1989.
22. Ballew CC, DE Crews, J Stamler, AR Dyer, RB Shekelle. Prevalent and incident diabetes, hyperglycemia and cardiovascular risk factors. 2nd International Conference on Preventive Cardiology and the 29th Annual Meeting of the AHA Council on Epidemiology Program Abstracts p.58, 1989.
23. Crews DE, J Stamler, AR Dyer, RB Shekelle. Prevalent and incident diabetes, hyperglycemia and the risk of death from all causes, cardiovascular diseases, and coronary heart disease. 2nd International Conference on Preventive Cardiology and the 29th Annual Meeting of the AHA Council on Epidemiology Program Abstracts p.58, 1989.
24. Crews DE, Mancilha-Carvalho JJ. Epidemiology, mortality, multiple causes of death, and death certification. Arg Bras Cardiol 53(Supplement):73, 1989.
25. Mancilha-Carvalho JJ, DE Crews. Titulo lipidos en Indios Yanomami. Arg Bras Cardiol 53(Supplement):70, 1989.
26. Crews DE, JR Bindon. Age, glucose, and fat patterning in an obese population. The Gerontologist 29(Special Issue:225A), 1989.
27. Crews DE, J Smith-Ozera. Mortality and the demographic epidemiology of aging in American Samoa. American Journal of Physical Anthropology 81(2):210, 1990.
28. Bindon JR, Crews DE. Tobacco and Health in Samoa.
29. Crews DE, Smith-Ozeran JE . Mortality and the Demographic Epidemiology of Aging: Examples from American Samoa. Presented at the Inter-University Centre Course, Anthropology and Health: Demography and Physiology of Aging, 12-19 August 1990, Dubrovnik, Yugoslavia.
30. Crews DE. Multiple causes of death, chronic diseases, and aging. Presented at the Inter-University Centre Course, Anthropology and Health: Demography and Physiology of Aging 12-19 August 1990, Dubrovnik, Yugoslavia.
31. Crews DE, Bindon JR, Kamboh MI. Apolipoprotein polymorphisms in American Samoa. American Anthropological Association Meeting Abstracts, pp.65, 1990.
32. Bindon JR, Crews DE, Dressler WW. Lifestyle incongruity and adult blood pressure in American Samoa. American Anthropological Association Meeting Abstracts, pp.45, 1990.
33. Crews DE, Bindon JR, Valdez R . Plasma glucose, glycated hemoglobin and adiposity in American Samoans. American Journal of Physical Anthropology (Suppl 12):63, 1991.
34. Crews DE, Mancilha-Carvalho JJ. Correlates of blood pressure in Yanomami Indians of Northwestern Brazil. American Journal of Physical Anthropology (Suppl 12): 123.
35. Bindon JR, Crews DE. Twelve year follow-up of the health status of American Samoan men. Towards the Pacific Century: The Challenge of Change. XVII Pacific Science Congress, Meeting Abstracts Volume, p.8, 1991.
36. Crews DE, Bindon JR. Health promotion and disease prevention in Samoan populations. Towards the Pacific Century: The Challenge-of Change. XVII Pacific Science Congress. Meeting Abstracts Volume, p.23, 1991.

37. Hatch DA, Radvany RM, Picken MM, Crews DE, Reckard CR. Comparison of lymphocyte subsets in peripheral blood and fine needle aspiration biopsy of transplant kidneys in patients with allograft dysfunction. Presented at the 1991 International Transplant Research Conference, Oxford, England.
38. Crews DE, Bindon IR, Kamboh MI. Apolipoprotein polymorphisms and body habitus in American Samoans. *Towards the Pacific Century: The Challenge of Change. XVII Pacific Science Congress. Meeting Abstracts Volume*, p.23.
39. Crews DE, Bindon JR, Smith-Ozeran JE . Associations of measures of body habitus with diabetes, glucose, and glycated hemoglobin in American Samoans. *Diabetes* 40(Suppl 1):433A, 1991.
40. Crews DE, Bindon JR. Age, Life Style incongruity, Hypertension, and Chronic Disease Morbidity Among Modernizing Samoans. Presented at Aging: The Quality of Life Conference, National Institutes of Health, 10-12 February 1992.
41. Radvany RM, Hatch DA, Crews DE, Picken MM, Reckard CR. Increased proportions of CD8+/CD11b+ lymphocytes in blood and CD8/CD11b- lymphocytes in transplanted kidneys during rejection. International Transplantation Society Meetings, 1992.
42. Crews DE, Kamboh MI, Mantilha-Carvalho JJ, Kottke BA. Population Genetics of Apolipoprotein E, A-IV, and H Polymorphisms and Effects on Lipids, Lipoproteins, and Carbohydrate Metabolism in Yanomami Indians of North-western Brazil. *American Journal of Physical Anthropology (supplement)*14:65, 1992.
43. Crews DE, Edwards T. Anthropometrics, Apolipoprotein Variants and Serum Glucose as Correlates of Blood Pressure in Yanomami Indians and Samoans. *American Anthropological Association Meeting Abstracts*, pp. 192, 1993.
44. Carter ND, Cooper RC, Crews DE, Barley J . Renin and ANP RFLPs and ACE polymorphisms in London Whites, West Indian Blacks in London, Blacks from Maywood, and Samoan Americans: Associations With Blood Pressure. Presented at the Eighth International Conference on Hypertension in Blacks, April 4-7, 1993.
45. Stewart J, Crews DE. Biological Anthropology and Aging: Current Research and Future Perspectives. *American Journal of Physical Anthropology (Suppl 16)*:75-76, 1993.
46. Crews DE. What do Differential Associations of Risk Factors with Blood Pressure Across Genders Tell Us? *American Journal of Physical Anthropology (Suppl 16)*:75, 1993.
47. Crews DE, Barley J, Harper GJ, Carter ND. Renin and ANP RFLPs and ACE polymorphism in American Samoans: Associations With Blood Pressure. *American Journal of Human Biology* 5(1):134, 1993.
48. Fitton L, Crews DE. Glucose Measurement in Field Situations: Comparison of Portable Monitoring Devices and Chemistry Analyzers. *American Journal of Human Biology* 5(1):135, 1993.
49. Carter ND, Cooper RC, Crews DE, Cruickshank K, Jeffery S, Oguntesi A, Sagnella G., Barley J. Renin and ANP RFLPs and ACE polymorphisms in London Whites, West Indian Blacks in London, Blacks from Maywood, and

- Samoan Americans: Associations With Blood Pressure. The Third International Symposium on ACE Inhibition, 1993.
50. Crews DE, Harper GJ, Carter N. Molecular Polymorphisms of Blood Pressure Regulating Proteins and Age in Samoan Americans. The Gerontologist 33(Special Issue):234-235, 1993.
 51. Baker TS, Crews DE. Age Specific Mortality Patterns and Survivorship Among Samoans: An Epidemiological Paradox. Presented at the 13th International Congress of Anthropological and Ethnological Sciences, 29 July - 5 August 1993, Mexico City.
 52. Harper GJ, Crews DE, Wood JW. Lack of Age-Related Blood Pressure Increase in the Gainj, Paupa New Guinea: Another Low Blood Pressure Population. American Journal of Human Biology 6(1): 121-122, 1994.
 53. Crews DE. Apolipoprotein Polymorphisms: Ethnic Variability Associations with Risk Factors for Coronary Heart Disease. American Journal of Physical Anthropology (Suppl 18):73, 1994.
 54. Crews DE, Bindon JR. Correlates of Plasma Glucose, Diabetes, and Associated Risk Factors among Brazilian Yanomami, Mississippi Choctaw, and Samoan Americans. American Journal of Human Biology 6(1): 113-114, 1994.
 55. Bindon JR, AL Knight, WW Dressler, DE Crews. Stress, Gender and Household Employment Influences on Samoan Adults. American Journal of Human Biology. 6(1): 104, 1994.
 56. Silva HP, Crews DE, Neves WA. Blood Pressure Variation in Two Rural Amazonian Populations from Brazil. American Journal of Human Biology 6(1):131, 1994.
 57. Meriwhether DA, J Freidlaender, DE Crews, RE Ferrell. Distribution of the 9-bp Region V Mitochondrial DNA Deletion in Solomon Islanders and American Samoans. 1994 Scientific Meetings of the American Anthropological Association, Atlanta,GA.
 58. Silva HP, DE Crews, WA Neves. Blood Pressure, Anthropometry and the Impact of Westernization on Traditional Populations from the Brazilian Amazon. 111 Congreso Latino Americana de Anthropologia Biologica Programae, Rio de Janeiro, Brasil. 47, 1994.
 59. Fitton LJ, Crews DE. Blood pressure in Cofan Indians of Ecuador: another low blood pressure population. American Journal of Human Biology 7(1): 1995.
 60. Crews DE, Harper GJ. Apolipoprotein H and E-genotypes, body habitus, and blood pressure in American Samoans: independent and interactive effects. American Journal of Human Biology 7(1): 1995.
 61. Harper GJ, Crews DE. Candidate genes (ACE, ANP, Renin) and body habitus: joint effects on blood pressure in American Samoans. American Journal of Human Biology 7(1): 1995.
 62. Silva HP, Crews DE. Growth and-development of-Cofan children from Zabalo, Ecuador. American Journal of Human Biology 7(1): 1995.
 62. Easton RD, DA Merriwhether, DE Crews, RE Ferrell. Mitochondrial DNA Variation in the Yanomami of Brazil. Presented at Molecular Anthropology: Toward a New Evolutionary Paradigm, Wayne State University. 13-14 March 1995.

63. Easton RD, Merriwether DA, Crews DE, Ferrell RE. Mitochondrial DNA variation in the Yanomami of Brazil. Presented at Molecular Anthropology: Toward a New Evolutionary Paradigm, Wayne State University, 13-14 March 1995.
64. Lasker GW, DE Crews. Intertribal Marriage and the Evolution of Human Diversity. Presented at Molecular Anthropology: Toward a News Evolutionary Paradigm, Wayne State University. 13-14 March, 1995.
65. Lasker GW, DE Crews. Lattice Model of Human Population Structure of Hunter-Gatherers. American Journal of Physical Anthropology. 20 (Supplement): 130, 1995.
66. Kantor BS, DE Crews, M Strayer, MH Teaford. Curriculum Development in the Health Sciences: A Transdisciplinary Approach. Association for Gerontology and Higher Education. 2 March 1996.
67. Moore EA, Payne KM, Crews DE. Monomorphism of the insulin receptor substrate-1 locus at codon 972 in American Samoans. American Journal of Human Biology 8(1):124-125, 1996.
68. Severson LD, Lang RA, Crews DE. Application of sequence specific primer amplification refractory mutation system to HLA class I loci in Samoans. American Journal Human Biology 8(1):128, 1996.
69. Fitton LJ, Crews DE, Kamboh MI. Apolipoprotein polymorphisms: relationships with quantitative lipid and apolipoprotein levels in American Samoans. American Journal of Physical Anthropology SUPPL 22: 104, 1996.
70. Crews DE, Fitton LJ, Kottke BA. The ACE insertion/deletion polymorphism in American Samoans: associations with lipids and interactions with apolipoprotein polymorphisms. American Journal of Physical Anthropology Suppl 22:91, 1996.
71. Nelson MR, Crews DE. Sexual dimorphism of digital dermatoglyphic patterns. American Journal of Human Biology 8(1):126, 1996.
72. Harper GJ, Crews DE. Chronic disease, health knowledge, and life style attributes among African Americans: Central Ohio Study of Diabetes and Aging in African Americans. American Journal of Human Biology 8(1):117, 1996.
73. Crews DE, Robinson JP. Bell curves and Afrocentric Science: confronting the stratification power of scientific processes. American Association for the Advancement of Science, 8-13 February 1996, page A-87.
74. Severson LD, Crews DE, Lang RA. SSP/ARMS of HLA class I loci of Samoans. Presented at the 12th International Histocompatibility Conference, 1997.
75. Fitton LJ, Crews DE. Fasting and post-load insulin, c-peptide and glycated hemoglobin levels in normoglycemic and hyperglycemic Samoans. American Journal of Physical Anthropology Suppl 24:110, 1997.
76. Crews DE, Fitton LJ . Glucose, insulin and c-peptide in American Samoans: associations with body habitus and other risk factors. American Journal of Physical Anthropology Suppl 24:97, 1997.
77. Williams SR, Crews DE. Insertion/deletion polymorphisms of angiotensin - converting enzyme (ACE) and human atrial natriuretic peptide (ANP) in two ethnic groups. American Journal of Human Biology 9(1): 148, 1997

78. Severson LD ,Lang RA, Crews DE. Genetic distance analysis of HLA Class I loci in Polynesians and Melanesians. American Journal of Human Biology 9(1): 143-144, 1997.
79. Crews DE and GJ Harper. Congregate care retirement communities, a case study of current directions. The Gerontologist 37:179, 1997.
80. Crews DE and GJ Harper. Congregate care retirement communities, a case study of current directions. The Gerontologist 37:179. (Presented at the meetings of The Gerontologist Society of America, 1997).
81. Harper GJ, James GD, Crews DE. Ambulatory blood pressure and activity patterns among elders in long term care settings. American Journal of Human Biology 10(1): 125, 1998.
82. Williams S, Fitton LJ, Crews DE. Seasonality of births among the Cofan of Ecuador. American Journal of Human Biology 10(1): 138, 1998.
83. Crews DE. Associations of body habitus with blood pressure do not vary across obese and lean populations. American Journal of Human Biology 10(1): 120, 1998.
84. Merriwether DA, Green K, Crews DE, Neel JV. Mitochondrial DNA E-loop sequence variation within and between Yanomami villages. American Journal of Physical Anthropology Suppl 26:161, 1998.
85. Harper GJ, Crews DE, James GD. Ambulatory blood pressure patterns vary in elders living in different residential settings. Presented at the 1998 American Society of Hypertension 13th Annual Scientific Meetings.
86. Harper GJ, James GD, Crews DE. Associations of health and behavioral factors with ambulatory blood pressure among elders in long-term settings. Presented at the 1998 Scientific Meetings. Gerontological Society of America.
87. Merriwether DA, Green K, Crews DE, Neel JV. Mitochondrial DNA D-loop sequence variation within and between Yanomami villages. American Journal of Physical Anthropology Suppl 26:161, 1998.
88. Harper GJ, GD James and DE Crews. Ambulatory blood pressure and activity patterns among elders in long term care settings. American Journal of Human Biology 10:125. 1998.
89. Severson LD, Lang RA, Crews DE, Shaw JE. Karposi's sarcoma-associated Herpesvirus-like sequences found in Yanomami Indians. Am J Phys Anthropol Suppl 28:248, 1999.
90. Crews DE, Gerber LM. The thrifty/pleiotropic model for chronic degenerative conditions and senescence. Abstracts American Anthropology Association, p.150, 1999.
91. Crews DE. Construction of aging, senescence, and longevity through time. Abstracts American Anthropology Association, p.150, 1999.
92. Bindon JR, Gilliland MJ, Dressler WW, Crews DE. Body habitus and risk factors in the Mississippi Choctaw, American Samoans, and African Americans. American Journal of Human Biology 11(1):106, 1999.
93. Kemp BM, Neel JV, Crews DE, Merriwether DA. Gene flow and coancestry in the Yanomami Indians of Venezuela and Brazil: evidence from mitochondrial DNA. American Journal of Human Biology 11(1):117-118, 1999.

94. Corr J, Crews DE. Aging rhesus macaques: Male and female social behaviors. American Journal of Physical Anthropology Suppl 30:130-131, 2000.
95. Crews DE. Aging and senescence of humans in evolutionary context. Abstracts: American Anthropology Association, p. 167, 2001.
96. Crews DE. Senescence and adaptability: assessing the senescent phenotype. Journal Physical Anthropology and Applied Human Sciences 21(6):315, 2002.
97. Crews DE. Assessing the senescent phenotype. Collegium Antropologicum 26(Supplement): 45, 2002.
98. Crews DE, Bindon JR. Biocultural risks for diseases: exploring sociocultural aspects of physiological health. Abstracts: American Anthropology Association, p., 2002.
99. Fitton LJ and Crews, DE. Change and consequences: Blood pressure, body habitus, and lifestyle change among the Cofan of Ecuador. American Journal of Human Biology, p. 260, 2003.
100. Crews DE. Influences on variations in allostatic load across populations. American Journal of Human Biology, p. 257-58, 2003.
101. Crews DE. Sex Differences in composite estimates of stress across populations: influences of population history. Abstracts of the 5th Congress of the Gesellschaft fur Anthropologie e.V., "Anthropologie der Geschlechter," p.26, 2003.
101. Crews DE. Racial Disparities in Mortality and Primary Care. North American Primary Care Research Group: 31st Annual Meetings (Abstracts), p. 168-169, 2003.
102. Crews DE. Assessing components of stress (allostatic load) across populations. The Gerontologist: Supplement, 2003.
103. Crews DE. Assessments of composite measures of stress (allostatic load) across populations: sex/gender differences. American Journal of Human Biology, 16(2):199, 2004.
104. Crews DE. Assessing human variation in senescence, frailty, and disability: implications for the future. Journal of Physiological Anthropology and Applied Human Sciences. 23(6):358, 2004.
105. Post D, D Cegala, F Meiser, L Sachs, DE Crews. Path analysis of physician-patient communication processes. American Academy of Physician and Patient: Research and Teaching Forum, 1-3 October 2004.
106. Crews DE. Evolutionary perspectives on human longevity and frailty. IPSEN Foundation Congress on Longevity and Frailty 11 October 2004, Paris. Longevity and Frailty Abstract Book, p. 19, 2005.
107. Crews DE. Artificial environments and an aging population: designing for age-related functional loss. Journal of Physiological Anthropology and Applied Human Sciences. 24(1): 2005.
108. Crews DE. At the Interface of Biology and Cultural: Biocultural Models in Human Biology. Abstract of the 2005 Plenary Session of the Human Biology Association, Milwaukee, WI, 6-7 April 2005, Am J Human Biology 2005.
109. Crews DE. Unraveling a knotted skein: senescence, aging, and disease. International Congress of Physiological Anthropology, 9-12 October 2007, Kenchoji, Kamakura, Japan.

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