

Curriculum Vitae

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LAWRENCE P. GREKSA
Professor and Chair
Department of Anthropology
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EDUCATION:

Pennsylvania State University	B.A.	Anthropology	1970
Pennsylvania State University	M.A.	Anthropology	1974
Pennsylvania State University	Ph.D.	Biological Anthropology	1980

PROFESSIONAL EXPERIENCE:

2004 – present	Chair, Department of Anthropology, Case Western Reserve University, Cleveland, OH.
1997 - present	Professor, Department of Anthropology, Case Western Reserve University, Cleveland, OH.
1988 - 1997	Associate Professor, Department of Anthropology, Case Western Reserve University, Cleveland, OH.
1982 - 1988	Assistant Professor, Department of Anthropology, Case Western Reserve University, Cleveland, OH.
1982	Lecturer, Division of Nutritional Sciences, Cornell University, Ithaca, NY.
1980 - 1981	Research Associate, Division of Nutritional Sciences, Cornell University, Ithaca, NY.
1974 - 1980	Part-time Instructor, Graduate Research Assistant and Graduate Teaching Assistant, Department of Anthropology and Population Issues Research Office, Pennsylvania State University, University Park, PA.
1970 - 1972	U.S. Army.

RESEARCH GRANTS:

- 2003 Principal Investigator, "Demography of a natural fertility population undergoing social change", Wenner-Gren Foundation for Anthropological Research, 1/1/03 – 12/31/05, \$9604.
- 2001 - 2002 Co-consultant (with J.E. Korbin), "Implementation of Consumer Outcomes System in the Amish Population.". Awarded to the mental health boards of Geauga, Trumbull, Ashtabula, Portage, Wayne, and Holmes Counties by the Ohio Department of Mental Health.
- 1999 - 2001 Co-Consultant (with J.E. Korbin), "Enhancing Cultural Competent Services for Amish Communities in Four Northeastern Ohio Counties", 1/1/00 - 6/30/01, Awarded to the mental health boards of Geauga, Trumbull, Ashtabula and Portage Counties by the Ohio Department of Mental Health.
- 1998 - 1999 Co-Consultant (with J.E. Korbin), "Mental Health System/Service Planning for Amish Communities in Four Northeastern Ohio Counties", 11/15/98 - 6/30/99, Awarded to the mental health boards of Geauga, Trumbull, Ashtabula and Portage Counties by the Ohio Department of Mental Health.
- 1994 - 1996 Principal Investigator, "Influence of changing dietary patterns on the health of the Old Order Amish.", 9/1/94 - 8/31/95, President's Award, Ohio Board of Regents, \$2500.
- 1994 - 1996 Co-Principal Investigator (with J.E. Korbin), "The socialization of values concerning health and illness among the Ohio Old Order Amish.", 7/1/94 - 6/30/96, Armington Research Program on Values in Children, \$3478.
- 1989 - 1991 Co-Principal Investigator (with C. E. Clark and J. E. Korbin), "Dental knowledge and attitudes of adult deaf persons in the Greater Cleveland area and knowledge and attitudes of CWRU Dental Students and area dentists toward deaf persons", 7/1/89 - 6/30/90, American Fund for Dental Health, \$34,965.
- 1987 - 1988 Principal Investigator, "Oral health and dietary patterns among the elderly", Western Reserve College Incentive Program, 1/1/87 - 12/31/87, \$1375.
- 1986 - 1987 Principal Investigator, "Assessment of stress among the elderly", Western Reserve College Incentive Program, 1/1/86 - 6/30/87, \$1200.
- 1986 - 1987 Principal Investigator, "Effects of high altitude hypoxia on the growth of upper class European children", National Science Foundation (BNS 8506788), 1/1/86 - 6/30/87, \$30,875.

RESEARCH GRANTS (continued):

- 1985 - 1986 Principal Investigator, "Effects of hypoxia on the growth of European children", Wenner-Gren Foundation for Anthropological Research, 6/1/85 - 5/31/86, \$3462.
- 1982 - 1983 Principal Investigator, "Development of cardio-respiratory function in Amerindian boys at high altitude", Research Initiation Grant, Case Western Reserve University, 12/1/82 - 11/30/83, \$2133.

COMMITTEES:

Case Western Reserve University

A.R. Jennings Computing Center Advisory Committee, Fall 1983 - Spring 1985

Institutional Review Board, Spring 1996 – present

Vice-chair: Fall 1999 – Spring 2001

Chair: Fall 1998 -Spring 1999; Summer 2001 – present

University Undergraduate Faculty Curriculum Committee, Fall 1999 - Spring 2000

IRB Advisory Committee (CWRU IRB representative), Summer 2001 - present

IRB Advisory Panel, Spring 2001 – Spring 2002

Accreditation Steering Committee, Fall 2002 – Spring 2003

President's Advisory Committee on Tenure and Promotion, Fall 2003 – Spring 2004

Colleges of Case Western Reserve University

Committee on Undergraduate Admissions, Fall 1989 - Spring 1991

Ad Hoc Committee on the Lambda Core, Fall 1989 - Spring 1991

Committee on Curriculum (Western Reserve College), Fall 1983 – Spring 1985; Fall 1992 – Spring 1993

Committee on Curriculum of the General Faculty, Fall 1992 - Spring 1993

Committee on Educational Programs, Fall 1996 -Spring 1997

Pre-College Summer Programs Committee, Fall 2000 – Spring 2003

Strategic Planning Task Force on Research, Spring 2008

Department of Anthropology

Undergraduate research coordinator, Fall 1987 - Spring 1991

Graduate admissions adviser, Fall 1990 - present

TEACHING EXPERIENCE:

Introductory Physical Anthropology
Anthropology of Nutrition
Human Ecology: The Biology of Human Adaptability
Introduction to Statistical Analysis in the Social Sciences
Critical Thinking in the Social Sciences
Advanced Data Analysis
Methods of Assessing Physical Growth in Children
Science and Race

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

American Association of Physical Anthropologists
Human Biology Council
Society for the Study of Human Biology
American Association for the Advancement of Science

PUBLICATIONS:

Articles, Book Chapters, Reports, and Theses

- 2007 Greksa, L.P., R. Naganuma, ABM R. Islam, U. Maki and K. Omori. Growth and health status of street children in Dhaka, Bangladesh. *American Journal of Human Biology* 19(1): 51 – 60.
- 2006 Korbin, J.E. and L.P. Greksa. Amish. In: *Encyclopedia of Anthropology*, ed. by H.J. Birx. Thousand Oaks: Sage Publications, pp. 65 – 69.
- 2006 Greksa, L.P. 2006. Growth and development of Andean high altitude residents. *High Altitude Medicine and Biology* 7 (2): 116 – 124.
- 2005 Greksa, L.P. and J.E. Korbin. Amish. In: *Encyclopedia of the World's Minorities*, ed. by C. Skutsch. New York: Routledge, pp. 101 – 102.
- 2004 Greksa, L.P. and J.E. Korbin. Amish. In: *Encyclopedia of Medical Anthropology: Health and Illness in the World's Cultures, Volume 2: Cultures*, ed. by C.R. Ember and M. Ember. New York: Kluwer Academic/Plenum Publishers, pp. 557 – 564.
- 2004 Greksa, L.P. Birth seasonality in the Old Order Amish. *Journal of Biosocial Science* 36(3): 299 – 315.

- 2002 Greksa, L.P. Population growth and fertility patterns in an Old Order Amish settlement. *Annals of Human Biology* 29 (2): 192 – 201.
- 2002 Omori, K. and L.P. Greksa. Seasonal variation in the dietary adequacy of highland Pwo and Sgaw Karen (Thailand). *American Journal of Human Biology* 14(4): 519 – 531.
- 2002 Greksa, L.P. and J.E. Korbin. Key decisions in the lives of the Old Order Amish: Joining the church and migrating to another settlement. *Mennonite Quarterly Review* LXXVI (4): 373 – 398.
- 2001 Greksa, L.P. and J.E. Korbin. *Ohio's Mental Health Consumer Outcomes System: Cultural Implications for the Old Order Amish*. Report to Office of Policy Analysis and Resource Development, Ohio Department of Mental Health, 48 pp.
- 1999 Omori, K., L. P. Greksa, P. Chomngandu, S. Noimoung, and S. Sila. Morbidity and mortality patterns, health beliefs, and health risk factors of Karen highlanders of northwest Thailand. *Southeast Asian Journal of Tropical Medicine and Public Health* 30 (4): 789 - 803.
- 1999 Greksa, L.P. and J.E. Korbin. *Bridging Cultures and Crossing County Lines: Mental Health Service/System Planning for Amish Communities in Four Northeastern Ohio Counties*. Report to Office of Consumer Services, Ohio Department of Mental Health, 84 pp.
- 1998 Greksa, L.P. Skin reflectance of lowland Bolivian youths of European ancestry. *American Journal of Human Biology* 10 (5): 559 - 565.
- 1998 Greksa, L.P. Comparison of skin reflectances between Bolivian lowlanders and highlanders of European ancestry. *Human Biology* 70(5): 889 - 900.
- 1997 Greksa, L.P. and J.E. Korbin. Influence of changing occupational patterns on the use of commercial health insurance by the Old Order Amish. *Journal of Multicultural Nursing and Health* 3 (2): 13 - 18.
- 1996 Greksa, L.P. Evidence for a genetic basis to the enhanced total lung capacities of Andean highlanders. *Human Biology* 68 (1): 119 - 129.
- 1996 Omori, K. and L.P. Greksa. Dietary patterns and dietary adequacy of highland Pwo and Sgaw Karen of Northwest Thailand. *Ecology of Food and Nutrition* 35: 219 - 235.
- 1995 Greksa, L.P., I. M. Parraga and C.A. Clark. The dietary adequacy of edentulous older adults. *Journal of Prosthetic Dentistry* 73: 142 - 145.
- 1995 Omori, K. and L.P. Greksa. Food beliefs and practices of highland Karen women. *Journal of Medical Social Science* 8(1): 78 - 102.

- 1995 Greksa, L.P. Activity level and obesity among Samoans. In: *Social Aspects of Obesity*, ed. by I. de Garine and N. J. Pollock. Luxembourg: Gordon and Breach Science Publishers, pp. 253 - 266.
- 1994 Greksa, L.P., H. Spielvogel and E. Caceres. Total lung capacity in young highlanders of Aymara ancestry. *American Journal of Physical Anthropology* 94 (4): 477 - 486.
- 1994 Greksa, L.P. Total lung capacity in Andean highlanders. *American Journal of Human Biology* 6(4): 491 - 498.
- 1993 Greksa, L.P., H. Spielvogel and L. Paredes-Fernandez. Maximal aerobic power in high-altitude runners. *Annals of Human Biology* 20(4): 395-400.
- 1993 Omori, K. and L.P. Greksa. Growth and health status of preschool Karen highlanders. *Annals of Human Biology* 20(1): 21-30.
- 1992 Greksa, L.P. Surnames as indicators of European admixture in Andean Indians. *International Journal of Anthropology* 7(1): 41-49.
- 1991 Greksa, L.P., H. Spielvogel, and J.D. Driscoll. Skin reflectance of children and young adults of Aymara ancestry. *American Journal of Human Biology* 3(2): 97-104.
- 1991 Greksa, L.P. Human physiological adaptation to high-altitude environments. In: *Impact of Biological Anthropology on Human Affairs*, ed. by G.W. Lasker and C.G.N. Mascie-Taylor. Cambridge: Cambridge University Press, pp. 117-142.
- 1990 Greksa, L.P. Age of menarche in Bolivian girls of European and Aymara ancestry. *Annals of Human Biology* 17(1): 49-53.
- 1990 Greksa, L.P. Developmental responses to high-altitude hypoxia in Bolivian children of European ancestry: A test of the developmental adaptation hypothesis. *American Journal of Human Biology* 2(6): 603-612.
- 1989 Weitz, C.A., L.P. Greksa, R.B. Thomas and C.M. Beall. An anthropological perspective on the study of work capacity. In: *Human Population Biology: A Transdisciplinary Science*, ed. by M.A. Little and J.D. Haas. New York: Oxford University Press, pp. 113-131.
- 1989 Frisancho, A.R. and L.P. Greksa. Developmental responses in the acquisition of functional adaptation to high altitude. In: *Human Population Biology: A Transdisciplinary Science*, ed. by M.A. Little and J.D. Haas. New York: Oxford University Press, pp. 203-221.
- 1989 Greksa, L.P. and C.M. Beall. Development of chest size and lung function at high altitude. In: *Human Population Biology: A Transdisciplinary Science*, ed. by M.A. Little and J.D. Haas. New York: Oxford University Press, pp. 222-238.

- 1988 Greksa, L.P., H. Spielvogel, M. Paz-Zamora, E. Caceres and L. Paredes-Fernandez. Effect of altitude on the lung function of high altitude residents of European ancestry. *American Journal of Physical Anthropology* 75 (1): 77-85.
- 1988 Greksa, L.P. Effect of altitude on the stature, chest depth and forced vital capacity of low-to-high altitude migrant children of European ancestry. *Human Biology* 60 (1): 23-32.
- 1987 Greksa, L.P., H. Spielvogel, E. Caceres and L. Paredes-Fernandez. Lung function of young Aymara highlanders. *Annals of Human Biology* 14(6): 533-542.
- 1986 Greksa, L.P. Growth patterns of 9 - 20 year old European and Aymara high altitude natives. *Current Anthropology* 27(1): 72-74.
- 1986 Greksa, L.P. Chest morphology of young Bolivian high altitude residents of European ancestry. *Human Biology* 58(3): 427-443.
- 1986 Greksa, L.P., D.L. Pelletier and T.B. Gage. Work in pre-contact and modern Samoa. In: *The Changing Samoans: Behavior and Health in Transition* (Research Monographs on Human Population Biology Series), edited by P.T. Baker, J.M. Hanna and T.S. Baker. New York: Oxford University Press, pp. 297-326.
- 1985 Greksa, L.P., H. Spielvogel and E. Caceres. Effect of altitude on the physical growth of upper-class children of European ancestry. *Annals of Human Biology* 12(3): 225-232.
- 1985 Greksa, L.P., H. Spielvogel and L. Paredes-Fernandez. Maximal exercise capacity in adolescent European and Amerindian high-altitude natives. *American Journal of Physical Anthropology* 67(3): 209-216.
- (Spanish translation in abridged form, 1987: Capacidad aerobica de adolescentes europeos y amerindios nativos de altura. *Anuario 1986-1987, Instituto Boliviano de Biologia de la Altura*. La Paz, Bolivia, pp. 71-78.
- 1985 Haas, J.D. and L.P. Greksa. Nutrition and biological fitness. In: *Diseases of Complex Etiology in Small Populations: Ethnic Differences and Research Approaches* (Progress in Clinical and Biological Research Series), edited by R. Chakraborty and E. Szathmary. Phil.: Alan R. Liss, pp. 255-281.
- 1985 Greksa, L.P. Evaluation of work capability: An example from American Samoa. *Journal of Human Ergology* 14(1): 23-32.
- 1984 Greksa, L.P., J.D. Haas, T.L. Leatherman, H. Spielvogel and R.B. Thomas. Work performance of high-altitude Aymara males. *Annals of Human Biology* 11(3): 227-233.

(Spanish translation in abridged form, 1987: Capacidad de trabajo de varones de origen aymara en la altura. *Anuario 1986-1987, Instituto Boliviano de Biología de la Altura*. La Paz, Bolivia, pp. 79-84.

1984 Leatherman, T.L., L.P. Greksa, J.D. Haas and R.B. Thomas. Anthropometric survey of high altitude Bolivian porters. *Annals of Human Biology* 11(3): 253-256.

1984 Greksa, L.P., H. Spielvogel, L. Paredes-Fernandez, M. Paz-Zamora and E. Caceres. The physical growth of urban children at high altitude. *American Journal of Physical Anthropology* 65(3): 315-322.

1983 Haas, J.D., L.P. Greksa, T.L. Leatherman, H. Spielvogel, L. Paredes Fernandez, G. Moreno-Black and M. Paz Zamora. Submaximal work performance of native and migrant preadolescent boys at high altitude. *Human Biology* 55(2): 517-527.

(Spanish translation in abridged form, 1985: Esfuerzo submaximo de niños de la altura. In: *Anuario 1983 - 1984, Instituto Boliviano de Biología de la Altura*, pp. 111-114. La Paz, Bolivia.)

1982 Greksa, L.P., J.D. Haas, T.L. Leatherman, H. Spielvogel, L. Paredes Fernandez, M. Paz Zamora and G. Moreno-Black. Maximal aerobic power in trained youths at high altitude. *Annals of Human Biology* 9(3): 201-209.

(Spanish translation in abridged form, 1985: Capacidad aerobica maxima de nadadores a grandes altura. In: *Anuario 1983 - 1984, Instituto Boliviano de Biología de la Altura*, pp. 115-118. La Paz, Bolivia.)

1982 Greksa, L.P. and J.D. Haas. Physical growth and maximal work capacity in preadolescent boys at high altitude. *Human Biology* 54(4): 677-695.

(Spanish translation in abridged form, 1985: Capacidad maxima de trabajo de niños en la altura. In: *Anuario 1983 - 1984, Instituto Boliviano de Biología de la Altura*, pp. 105-109. La Paz, Bolivia.)

1982 Greksa, L.P. and P.T. Baker. Aerobic capacity of modernizing Samoan men. *Human Biology* 54(4): 777-788.

1980 Greksa, L.P. *Work Requirements and Work Capabilities in a Modernizing Samoan Population*. Ph.D. Dissertation, Department of Anthropology, Pennsylvania State University, University Park, PA.

1974 Greksa, L.P. *British and Dutch Guiana pottery; the Deforest Collection*. M.A. paper, Department of Anthropology, Pennsylvania State University, University Park, PA.

Book Reviews

- 2007 Skin: A Natural History. N. G. Jablonski. *American Journal of Human Biology* 19 (4): 599 – 600.
- 2006 Greksa, L.P. and J.E. Korbin. An Amish Patchwork: Indiana's Old Orders in the Modern World. T.J. Meyers and S.M. Nolt. *Mennonite Quarterly Review* 80 (3): 475-477.
- 1996 Child Health, Nutrition, and Physical Activity. Edited by L.W.Y. Cheung and J.B. Richmond. *American Journal of Human Biology* 8: 543 - 544.
- 1994 The Design and Analysis of Research Studies. B. F. J. Manly. *Human Biology* 66(1): 155-156.
- 1992 Ecological Success and its Measurement. G.A. Harrison (ed.) *American Journal of Human Biology* 4: 129-130.
- 1990 Famine. G.A. Harrison (ed.). *American Anthropologist* 92(2): 509-510.
- 1989 Human Performance Physiology and Environmental Medicine at Terrestrial Extremes. K.B. Pandolf, M.N. Sawka and R.R. Gonzalez (eds.). *American Journal of Human Biology* 1(6): 795-796.
- 1986 Current Developments in Anthropological Genetics, Vol. 3: Black Caribs: A Case Study in Biocultural Adaptation. M.H. Crawford (ed.). *American Anthropologist* 88(1): 225-226.
- 1986 Handbook of Physiology. Section 3: The Respiratory System. Volume I. Circulation and Nonrespiratory Functions. A.P. Fishman and A.B. Fisher (eds.). *Human Biology* 58(2): 311-312.
- 1986 Genetic and Environmental Factors During the Growth Period. C. Susanne (ed.) *American Journal of Physical Anthropology* 70(4): 539-541.

Abstracts

- 2004 Greksa, L.P. and K. Omori. Dietary adequacy of street and slum children in Dhaka, Bangladesh. *American Journal of Human Biology* 16(2): 205 – 206.
- 2003 Greksa, L.P. and J. E. Korbin. Demography and cultural persistence in the Geauga County Amish settlement. *Case Western Reserve University Research Showcase 2003 Abstracts*: 212.
- 2003 Greksa, L.P. and K. Omori. Growth and health status of street and slum children in Dhaka, Bangladesh. *American Journal of Human Biology* 15(2): 264.

- 2002 Seasonality of births in an Ohio Old Order Amish settlement. *American Journal of Human Biology* 14(1): 112.
- 2000 Population growth in an Ohio Old Order Amish settlement. *American Journal of Human Biology* 12(2): 291.
- 1999 Effect of seasonality on the dietary adequacies of highland Karen. *American Journal of Human Biology* 11 (1): 113.
- 1997 Demographic structure and fertility patterns of an Ohio Old Order Amish settlement. *American Journal of Human Biology* 9 (1): 131.
- 1996 Skin reflectance of Bolivian lowlanders and highlanders of European ancestry. *American Journal of Physical Anthropology*, Supplement 22: 116.
- 1994 Development of total lung capacity, vital capacity, and residual volume in native highlanders of Aymara ancestry. *American Journal of Physical Anthropology*, Supplement 18: 97.
- 1993 Evidence of a genetic basis for the distinctive respiratory pattern of Andean highlanders. *American Journal of Physical Anthropology*, Supplement 16: 98-99.
- 1991 Skin reflectance of Aymara highlanders: age, sex, and surname effects. *American Journal of Physical Anthropology*, Supplement 12: 83.
- 1990 Greksa, L.P., C.M. Clark, and I.M. Parraga. Effect of tooth loss and denture wearing on the dietary patterns and dietary adequacy of older adults. *American Journal of Physical Anthropology* 81(2): 232-233.
- 1989 Developmental responses to high altitude hypoxia in Bolivian residents of European and Aymara ancestry. *American Journal of Physical Anthropology* 78(2): 232.
- 1987 Greksa, L.P., H. Spielvogel and L. Paredes-Fernandez. Forced vital capacity in European and Aymara children at altitude. *American Journal of Physical Anthropology* 72(2): 205.
- 1986 Greksa, L.P., H. Spielvogel and E. Caceres. Effect of altitude on the physical growth of European low-to-high altitude migrant children. *American Journal of Physical Anthropology* 69(2): 208.
- 1985 Greksa, L.P., H. Spielvogel and E. Caceres. Physical growth of European children at altitude. *American Journal of Physical Anthropology* 66(2): 177.
- 1984 Greksa, L.P., H. Spielvogel, E. Caceres and L. Paredes. Maximal work capacity in European and Aymara boys at altitude. *American Journal of Physical Anthropology* 63(2): 167.

- 1983 Leatherman, T.L., L.P. Greksa, J.D. Haas and R.B. Thomas. Work and caloric stress among Bolivian porters. *American Journal of Physical Anthropology* 60(2): 218.
- 1983 Greksa, L.P. and J.D. Haas. Work capacity of European boys at altitude. *American Journal of Physical Anthropology* 60(2): 201-202.
- 1982 Greksa, L.P., J.D. Haas, T.L. Leatherman, R.B. Thomas, H. Spielvogel and M. Paz Zamora. Maximal aerobic power, nutritional status and activity level of Bolivian aparapitas. *American Journal of Physical Anthropology* 57(2): 194-195.
- 1981 Greksa, L.P., J.D. Haas, T.L. Leatherman, H. Spielvogel, G. Moreno-Black and M. Paz Zamora. Physical work capacity in adolescent competitive swimmers at high altitude. *American Journal of Physical Anthropology* 54(2): 228.
- 1980 Greksa, L.P. The frequency distribution of skinfold measurements in Samoans: a result of selection? *American Journal of Physical Anthropology* 52(2): 234.
- 1979 Greksa, L.P. The effects of modernization on maximal oxygen consumption in Samoan males. *American Journal of Physical Anthropology* 50(3): 445.
- 1978 Greksa, L.P. Changes in fat distribution with age in a Samoan migrant population. *American Journal of Physical Anthropology* 48(3): 400.