

CURRICULUM VITAE

ALAN H. GOODMAN

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PROFESSIONAL INTERESTS AND PROJECTS

Teaching: science and society; biology and culture; human variation, race, genetics and racism; nutritional and medical anthropology; skeletal and dental biology.

Research: biocultural theory (critical approaches to the interactions among political-economic processes, histories, ecologies, and human biologies); theory and innovative methodologies in paleoepidemiology (history of human health and nutrition); everyday race and the intersections of genetic and racial discourses; dietary, nutritional and health consequences of poverty and inequality.

Current Research: histories of nutrition, pollution and geographic movements of enslaved Africans via tooth and bone histology and chemistry; dietary delocalization (Coca-colonization), focusing on soft drink consumption and micronutrient status, Yucatan, Mexico; long term consequences of early malnutrition in Highland, Mexico; public education projects on human variation, "race" and racism; book and other projects on the idea of race and the articulations between biology and culture.

TEACHING AND PROFESSIONAL POSITIONS

- Current** Professor of Biological Anthropology, Hampshire College (1996-).
Previous Hampshire Positions: Vice President for Academic Affairs and Dean of Faculty (2009-2012), Dean, School of Natural Science (1993-96); Co-Director of US Southwest/Mexico Program (1997-2000); Director of Academic Life, Prescott House (1986-89); Associate Professor (1990 -95); Assistant Professor (1985-90).
- Concurrent** Co-Director, American Anthropological Association Public Education Project on Race (2008-), Associate Director, New York African Burial Ground Project (1998-); External Faculty, M.A. Program in Physical Anthropology, *Escuela Nacional de Antropología e Historia*, Mexico City (1995-); Adjunct Professor of Anthropology, University of Massachusetts at Amherst (1992-).

Select Hampshire College Courses: Nutritional Anthropology; Fundamental Principles of Nutrition; World Food Crisis; Diet, Environment, & Cancer; Society, Stress, & Disease; Biological Anthropology; International Health; AIDS: Science, Politics, & Dread Disease; The Human Skeleton; Sex, Death & Teeth; Advanced Dental Anthropology; Geoarchaeology; American Indian Health, 1492-Present; Medical Anthropology; Biology of Poverty; Human Biological Variation; Race, Science and Politics: 1850 – present; The Use & Abuse of Biology; Culture and Biology; Unnatural Causes.

Previous Positions

- 1987 Visiting Professor of Bioarchaeology, Department of Prehistory and Archaeology, University of Sheffield, Sheffield, U.K. (Courses: Paleoepidemiology and Paleodemography).
- 1983-1984 Instructor, Department of Nutritional Sciences, U. Connecticut (Courses: Advanced Community Nutrition; Physical and Biochemical Aspects of Growth).
- 1982-1983 Visiting Assistant Professor, Department of Anthropology, Cleveland State University (Course: Introduction to Anthropology; Introduction to Biological Anthropology; Human Variation).
- 1979-1983 Director of First Year Program, Southwest Residential College, University of Massachusetts, Amherst (1982-1983); Assistant Director of First Year Program (1981-1982); Research Associate (1979-1981).
- 1979-1982 Research Consultant, Social Services, New England Deaconess Hospital, Boston.

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1974-1976 Instructor and Teaching Assistant in Anthropology, University of Massachusetts. (Select Courses: Introduction to Physical Anthropology; Introduction to Human Ecology; Human Variation; Introduction to General Anthropology; Anthropological Research and Residential Life; Medical Anthropology).

EDUCATION AND TRAINING

1983-1986 National Institutes of Health Postdoctoral Fellow in International Nutrition (1984-86) and Oral Biology (1983-84), University of Connecticut, Storrs and Health Center, Farmington.

1984-1985 New England Epidemiology Institute (Summer, 1984 & 1985).

1974-1975 Graduate Study in Anthropology, University of Massachusetts at Amherst; M.A. (1979),
1978-1983 Ph.D., January 1984.

1976-1978 Visiting Fellow, World Health Organization Laboratory for Clinical Stress Research, Karolinska Institute, Stockholm, Sweden.

1969-1973 University of Massachusetts at Amherst, B.S., Premedicine (Zoology) with concentration in Psychology, *Magna Cum Laude*.

PROFESSIONAL SERVICE

Select Five College Consortium Service: Interim Chair, "Culture, Health and Science" (2009), Founding Chair of Five College Medical Anthropology Program (1989-91) and Co-Developer of "Culture, Health and Science" Undergraduate Certificate Program (1998 -); member of Native American Studies Program (1995-97); Ph.D. Dissertation chair: Rhan-Ju Song (2004; passed with distinction), Alexis Dolphin (12/2005), Joseph L. Jones (9/2012) U of Massachusetts, Amherst.

Select Hampshire College Service: Dean, School of Natural Science (1993-96); Head of Anthropology Program (1990-96, 1999-2003, 2006-08); Co-Director of Third World Studies (1990-91); Chair of Student Affairs Reorganization Committee (1991-92); Member of Internal Search Committee for President of the College (1988-89); Chair of Health and Human Biology Cluster (1987-90), Chair of Committee Evaluating Office of Multicultural Affairs (1997-98), Co-organizer of 1st and 2nd Natural Science Teach-ins on Racism (1991, 1992); Co-Director of "Rethinking Race" (summer institute for teachers).

Select National and International Service, 1992 -

- Co-Chair (with Yolanda Moses), Phase 2 of *RACE: Are We So Different?* (AAA Public Education Project, funded by Ford Foundation (\$450,000) to develop a small museum exhibit and companion book 2008-).
- Search Committee Member for Executive Director of the American Anthropological Association (2012)
- President (2005-07) and President-elect (2003-2005) of the American Anthropological Association.
- Native American Graves Protection and Repatriation Act (NAGPRA) National Review Committee Member (appointed by Secretary of Interior Dirk Kempthorne, 2007-2011)
- Core Advisor, *Teaching Race and Human Variation*. Ford Foundation and National Science Foundation public education project (\$4,000,000) to American Anthropological Association. Outcomes include a website (understandingrace.org) and 5000 ft² traveling museum exhibit that opened 1/2006 at Science Museum of Minnesota (1998-2007).
- Consultant, "Incubating Change: The Science and Social Change Consortium" (Lead Institution, Science Museum of Minnesota; NSF Funding Pending)
- Co-chair of Genetics and Bioarchaeology Working Group for "Intellectual Property Issues in Cultural Heritage" (\$2,500,000 grant from Canada's SSHR to George Nicholas, PI, Simon Fraser, 2008-2012)
- Advisor, *Identity: An Exhibit About You*. The Franklin Institute Science Museum, Philadelphia (5000 ft² exhibit opened April 13, 2007 and now traveling).
- Consultant, *Unnatural Causes*, Four hour video produced by California Newsreel for PBS, first airing March-April, 2008.
- Member, "The New Genetics and the Trans-Atlantic Slave Trade" WEB DuBois Institute, Harvard (2005-)

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- Co-Organizer, Society for the Study of Human Biology Symposium “*Ethical Responsibility and Human Biology*” (With G. Ellison, September 23-25, 2002, London, UK)
- Member of AnthroSource Advisory Board (2002-2007) to guide the AAA in developing an electronic portal for its 28+ journals and publications (anthrosource.net now funded by Blackwell)
- Academic Advisory Council, Wenner-Gren Foundation for Anthropological Research (2000-2003)
- Scientific Advisory Board, *Race, The Power of An Illusion*, 3 hr video produced by California Newsreel for PBS, (1999-2003)
- Co-Organizer of Wenner-Gren International Symposium on “*Anthropology in the Age of Genetics: Practice, Discourse, Critique*” (with D Health, Teresopolis, Brazil, June 11-19, 1999)
- International Scientific Committee, 2 and 3rd Conference on “*Anthropology, Nutrition and Health*,” (Genoa, Italy, April 2-5, 1998 and March 11-16, 2002)
- Co-Organizer of Invited Panel “*Social Inequalities and Human Biology*” (with TL Leatherman), American Anthropological Association, December 1998
- Member of American Anthropological Association Committee to Draft AAA Statement on "Race" (1996-98)
- Member of Ad-hoc Committee to Respond to US OMB 15 (Official Race and Ethnicity Categories), American Anthropological Association (1997)
- Member of American Anthropological Association Committee on “*Cultural Diversity in the United States*” (1996-99)
- Member of Drafting Committee, UNESCO Statement on Race, Racism and Violence. *UNESCO International Conference Against Racism, Violence and Discrimination*, 8-11 June, 1995, Schlaining Castle, Austria
- Editorial Board, *Human Biology* (2010-2013)
- Advisory Board, Ashley Montagu Fund (1997-2000) and Institute (2001-)
- Editorial Board, *Buletin Internacional de Ciencia Basica ENCLACES* (2000-)
- Editorial Board, *Medical Anthropology* (1995-2006)
- Book Review Editor, *Medical Anthropology Quarterly* (1993-95)
- Editorial Board, *International Journal of Anthropology* (1996-2000)
- Contributing Editor and Editorial Board Member, *Nutrition Reviews* (1991-93)
- Associate Editor, *The Cambridge History and Culture of Human Nutrition Project* (1991-2000)
- Editor of *Communicator* (Council of Nutritional Anthropology Newsletter; 1991-1993) and Council on Nutritional Anthropology Vice President (1991-1993)
- Co-Author/Consultant to National Institute of Dental Research (NIDR), Nutrition and Dentistry Section of *Long-Range Research Plans for the Nineties*
- Program Chair, Biological Anthropology Section of the American Anthropology Association, 1994-1995

PUBLICATIONS: BOOKS AND MONOGRAPHS

- 2012 AH Goodman, Y Moses, and JL Jones. *Race: Are We So Different?* Wiley-Blackwell, est. 286 pages, <http://www.wiley.com/WileyCDA/WileyTitle/productCd-0470657146.html>
- DL Dufour, AH Goodman and G Peltó (eds.), *Nutritional Anthropology: Biocultural Perspectives on Food and Nutrition*, 2e. (Oxford University Press, 544 pages
<http://www.oup.com/us/catalog/subject/Anthropology/AppliedAnthropology/AnthropologyofNutrition/?view=usa&ci=9780199738144>
- 2007 Associate Editor, *Encyclopedia of Race and Racism* (John Moore, Editor), Macmillan Reference USA: New York (3 Volumes; 1500 pages).
<http://www.gale.cengage.com/servlet/ItemDetailServlet?region=9&imprint=000&titleCode=M357E&cf=e&type=4&id=233224>
- J. Jones, M.M. Overbey, AH Goodman, C. Mukhopadhyay, Y. Moses and A Beckrich. *RACE: A Teacher's Guide for Middle School*. American Anthropological Association, Arlington, VA (68 pages)
<http://www.understandingrace.org/resources/index.html>
- J. Jones, M.M. Overbey, AH Goodman, C. Mukhopadhyay, Y. Moses and A Beckrich. *RACE: A*

- Teacher's Guide for High School. American Anthropological Association, Arlington, VA. (72 pages)
<http://www.understandingrace.org/resources/index.html>
- 2006 G. Ellison and A. Goodman (eds.) *The Nature of Difference: Science, Society and Human Biology*. Taylor and Francis, London. <http://www.routledge.com/books/details/9780849327209/>
- 2003 AH Goodman, D Heath and S Lindee (eds.), *Genetic Nature/Culture: Anthropology and Science Beyond the Two-Culture Divide*. University of California Press.
<http://www.ucpress.edu/book.php?isbn=9780520237933>
- 2001 DL Martin, NJ Akins, AH Goodman, HW Toll and AC Swedlund. *Harmony and Discord: Bioarchaeology*. Volume 5 of *Time and the River Flowing: Excavation in the La Plata Valley*, 280 pgs Museum of New Mexico, Santa Fe Catalogue no 242.
- 2000 AH Goodman, DL Dufour and G Pelto (eds.), *Nutritional Anthropology: Biocultural Perspectives on Food and Nutrition*. McGraw Hill, New York.
- 1998 AH Goodman and TL Leatherman (eds.), *Building a New Biocultural Synthesis: Political-Economic Perspectives on Human Biology*. University of Michigan Press.
<http://www.press.umich.edu/titleDetailDesc.do?id=10398>
- 1992 AH Goodman and LL Capasso (eds.) Recent Contributions to the Study of Enamel Developmental Defects. Monograph #2 of *Journal of Paleopathology*. Edigrafital Termano, Italy.
- 1991 DL Martin, AH Goodman, GJ Armelagos, AL Magennis. *Black Mesa Anasazi Health: Reconstructing Life from Patterns of Death and Disease*. Southern Illinois University Press, Center for Archaeological Investigations Occasional Papers #14.

PUBLICATIONS: ARTICLES AND CHAPTERS

- In Press Bringing Vulture into Human Biology and Biology Back into Anthropology (presidential Address). *American Anthropologists* (September, 2013)
- 2013 J Farrell, D Amarasiriwardena, AH Goodman and B Arriaza. Bioimaging of trace metals in ancient Chilean mummies and contemporary Egyptian teeth by laser ablation-inductively coupled plasma-mass spectrometry (LA-ICP-MS). *Microchemical Journal* 106:340-346.
- 2011 TL Leatherman and AH Goodman. Critical Biomedical Approaches in Medical Anthropology. In. M. Singer and P Ericson (eds.) *A Companion to Medical Anthropology*. Wiley-Blackwell. Pp 29-48.
- 2010 TL Leatherman, AH Goodman and Tobias Stillman. Changes in Stature, Weight and Nutritional Status with Tourism-Based Economic Development in the Yucatan *Economics and Human Biology* 8(2):153-158.
- 2009 AE Dolphin and AH Goodman. Maternal Diets, Nutritional Status, and Zinc in Contemporary Mexican Infants' Teeth" Implications for Reconstructing Paleodiets. *American Journal of Physical Anthropology* 140:399-409.
- Reprint of: Why Genes Don't Count (for Racial Differences in Health). *American Journal of Public Health* 90(11): 1699-1702. In: P. Brown (ed) *Medical Anthropology* (McGraw-Hill).
- G. Armelagos, AH Goodman, KN Harper and ML Blakey. Enamel hypoplasias and early mortality: Bioarchaeological support for the Barker Hypothesis. *Evolutionary Anthropology* 18:261-271.

- 2008 Exposing Race as an Obsolete Biological Concept. In: M. Pollock (ed.) *Everyday AntiRacism*. The New Press: New York. Pp 4-8.
- Race, Human Variation and Health, the Interaction of. In: K. Heggenhougen (ed.) *International Encyclopedia of Public Health*. Elsevier, 5:471-5.
- Preface: Framing Health, Risk and Adversity. In C. Painter-Brick and A Fuentes (eds.) *Health, Risk and Adversity*. Berghahn Books, Pp xiiv - xvi.
- AH Goodman and JL Jones. Non-concordant variation. J. Moore (ed) *Encyclopedia of Race and Racism*. Macmillan. Pp 370-372.
- 2007 R, Garfinkle and AH Goodman. A Conversation about the exhibit RACE: Are we so different. *Museums and Social Issues*. 2(1) 117-131.
- Toward genetics in an era of anthropology. *American Ethnologist* 34(2) 227-229.
- 2006 Seeing Culture in Biology. In G. Ellison and A. Goodman (eds.) *The Nature of Difference: Science, Society and Human Biology*. Taylor and Francis, London, pp 225-241.
- Reprint of: Why Genes Don't Count (for Racial Differences in Health). *American Journal of Public Health* 90(11): 1699-1702. In: Elizabeth Whitaker (ed.) *Health and Healing in Comparative Perspective*. Prentice Hall.
- Reprint of: DL Martin and AH Goodman. Health Conditions before Columbus: Paleopathology of Native North Americans. *Western Journal of Medicine* 176:65-6. In: Elizabeth Whitaker (ed.) *Health and Healing in Comparative Perspective*. Prentice Hall.
- AH Goodman, J Jones, J Reid, M Mack, ML Blakey, D Amarasiriwardena, P Burton, and D Coleman. Isotopic and Elemental Chemistry of Teeth: Implications for Places of Birth, Forced Migration Patterns, Nutritional Status and Pollution. In: ML Blakey and LM Rankin-Hill (eds.), *New York African Burial Ground Skeletal Biology Report*. General Services Administration and Howard University, Washington.
- ML Blakey, M Mack, AR Barrett, SS Mahoney and AH Goodman. Childhood Health and Dental Development. In: ML Blakey and LM Rankin-Hill (eds.), *New York African Burial Ground Skeletal Biology Report*. General Services Administration and Howard University, Washington.
- ME Mack, ML Blakey, AH Goodman and A Mayes. Odontological Indicators of Disease, Diet and Nutritional Inadequacy. In: ML Blakey and LM Rankin-Hill (eds.), *New York African Burial Ground Skeletal Biology Report*. General Services Administration and Howard University, Washington,
- ML Blakey, LM Rankin-Hill, F Jackson and AH Goodman. Discussion. In: ML Blakey and LM Rankin-Hill (eds.), *New York African Burial Ground Skeletal Biology Report*. General Services Administration and Howard University, Washington.
- 2005 "Im"pure Biology: The Deadly Synergy of Racialization and Geneticization. In: B. Hartmann, B. Subramaniam and C. Zerner (eds.) *Making Threats: Bio Fears and Environmental Anxieties*, Rowman & Littlefield, pp 149-156.
- Dolphin, AE AH Goodman and DD Amarasiriwardena. Variation in Elemental Intensities Among Teeth and Between Pre- and Postnatal Regions. *American Journal of Physical Anthropology*, 127: 878-888.
- Webb, Ellen, Dulasiri Amarasiriwardena, Socheata Tauch, Ethan F Green, Joseph Jones, Alan H Goodman. Inductively coupled plasma-mass (ICP-MS) and atomic emission spectrometry (ICP-AES):

- Versatile analytical techniques to identify the archived elemental information in human teeth. *Microchemical Journal* 81:201-208.
- TL Leatherman and AH Goodman. Context and Complexity in Human Biological Research. In S McKinnon and S Silverman (eds.), *Complexities: Beyond Nature and Nurture*. University of Chicago Press, 179-195.
- TL Leatherman and AH Goodman. Coca-Colonization of Diets in the Yucatan. *Social Science and Medicine*. 61:833-846.
- 2004 D Kang, D Amarasiwardena and AH Goodman. Application of laser ablation-inductively coupled-plasma mass spectrometry (LA-ICP-MS) to investigate trace metal spatial distributions in human tooth enamel and dentine growth layers and pulp. *Analytical and Bioanalytical Chemistry* 378: 1608-1615.
- J. Backstrand, AH Goodman, L Allen and G. Peltó. Pulque intake during pregnancy and lactation in rural Mexico: Alcohol and child growth from 1 to 57 months. *European Journal of Clinical Nutrition*, 58:1626-1634.
- 2003 AH Goodman, AE Dolphin, D Amarasiwardena, R Klein, JR Backstrand and P Outridge. Tooth Rings: Dental Enamel as a Chronological Biomonitor of Elemental Absorption from Pregnancy to Adolescence. *Journal of Children's Health* 1(2): 203-214.
- MS Lindee, AH Goodman and D Heath. Introduction. Anthropology in an Age of Genetics: Practice Discourse, Critique. In: A Goodman, S Lindee and D Heath (eds.), *Genetic Nature/Culture: Anthropology and Science Beyond the Two-Culture Divide*. University of California Press, pp 1-19.
- 2002 DL Martin and AH Goodman. Health Conditions before Columbus: Paleopathology of Native North Americans. *Western Journal of Medicine* 176:65-68.
- AH Goodman and DL Martin. Reconstructing Health Profiles from Skeletal Remains. In: RH Steckel and JC Rose (eds.), *The Backbone of History: Health and Nutrition in the Western Hemisphere*. New York: Cambridge University Press, pp 11-61.
- AL Stodder, DL Martin, AH Goodman and DT Reff. Cultural Longevity and Biological Stress in the American Southwest. In: RH Steckel and JC Rose (eds) *The Backbone of History: Health and Nutrition in the Western Hemisphere*. New York: Cambridge University Press, pp 481-505.
- 2001 Six Wrongs of Racial Science. In: C Stokes, T Melendez and G Rhodes-Reed (eds.), *Race in 21st Century America*. Lansing: Michigan State University Press, pp 25-47
- 2000 Why Genes Don't Count (for Racial Differences in Health). *American Journal of Public Health* 90(11): 1699-1702.
- AH Goodman and E Hammonds. Reconciling Race and Human Adaptability: Charleton Coon and the Persistence of Race in Scientific Discourse. *Kroeber Anthropological Society Papers* 84:28-44.
- DL Martin and AH Goodman. Health Conditions Before Columbus. In E R Rhoades (ed.), *American Indian Health*. Johns Hopkins University Press, pp 19-40.
- GP Peltó, AH Goodman and DL Dufour. The Biocultural Perspective in Nutritional Anthropology. In: AH Goodman, DL Dufour and GH Peltó (eds.), *Nutritional Anthropology: Biocultural Perspectives on Food and Nutrition*. Mayfield, pp 1-10.
- Biological Diversity and Cultural Diversity: From Race to Radical Bioculturalism. In I. Susser and T Patterson (eds.), *Cultural Diversity in the United States: A Critical Reader*. Blackwell:NY, pp 43-59.

- Epistemology of Complex Traits in an Age of Geneticization. *Current Psychology of Cognition* 18(2): 176-181.
- 1999 AH Goodman and RJ Song. Sources of Variation in Estimated Ages at Formation of Linear Enamel Hypoplasias. In: R Hoppa and C Fitzgerald (eds.), *Human Growth in the Past: Studies from Bones and Teeth*. Cambridge University Press: New York, pp 210-240.
- AH Goodman and DL Martin. The potential and potential pitfalls of evolutionary medicine. In A Guerri (ed.), *Anthropology and the History of Health and Disease*. Genova, Italy, pp 101-115.
- Bred in the Bone? Reprinted in: *Race and Ethnicity, Annual Editions*, 1999-2000, R Podolofsky and P Brown (eds.), *Applying Anthropology*, Mayfield Press, and *Intersections: Essays in the Science and Humanities*, Scott, Perkins and Rothwell (eds.), Prentice Hall (originally published in *The Sciences*).
- AH Goodman and GJ Armelagos. Disease and Death at Dr. Dickson's Mounds. Reprinted in *Applying Anthropology*, R Podolofsky and P Brown (eds.), Mayfield (originally published in *Natural History*).
- 1998 AH Goodman and TL Leatherman. Transversing the Chasm between Biology and Culture: An Introduction. In: AH Goodman and TL Leatherman (eds.), *Building a New Biocultural Synthesis: Political-Economic Perspectives on Human Biology*. U. Michigan Press, pp 3-40.
- Archaeology and Human Biological Variation, *Conference on New England Archaeology Newsletter* 17:1-8.
- GJ Armelagos and AH Goodman. Race, Racism and Anthropology. In: AH Goodman and TL Leatherman (eds.), *Building a New Biocultural Synthesis: Political-Economic Perspectives on Human Biology*. U. Michigan Press, pp 359-377.
- Skeletal Growth and Agricultural Intensification. In: SJ Uljaszek, FE Johnson and MA Preece (eds.), *Cambridge Encyclopedia of Human Growth*. Cambridge University Press, pp. 357-359.
- The Biological Consequences of Inequality in Prehistory. In: AH Goodman and TL Leatherman (eds.), *Building a New Biocultural Synthesis: Political-Economic Perspectives in Biological Anthropology*. U. of Michigan Press, Ann Arbor, pp 147-169.
- Variation in Tooth Formation and Eruption. In: SJ Uljaszek, FE Johnson and MA Preece (eds.), *Cambridge Encyclopedia of Human Growth*. Cambridge University Press, pp 209-211.
- Developmental Defects of Dental Enamel. In: SJ Uljaszek, FE Johnson and MA Preece (eds.), *Cambridge Encyclopedia of Human Growth*. Cambridge University Press, pp 210-11.
- 1997 Bred in the Bone? *The Sciences*, March/April 20-25. (Reprinted in: *Race and Ethnic Relations* 98/99 (1998) Annual Editions, Dushkin/McGraw-Hill, Guilford, CT, pp 239-243 and A Podolofsky and P Brown (eds.), *Applying Anthropology*, 5th and subsequent editions (1998), Mayfield Press.
- Petites Histoires D'os? *La Recherche* 302: 69-72 (French adaptation of Bred in the Bone).
- Race and Anthropology: A Fatal Attraction? *Reviews in Anthropology*, pp 203-220.
- TL Leatherman and AH Goodman. Expanding the Biocultural Synthesis toward a Biology of Poverty. *American Journal of Physical Anthropology* 102:1-3.

- The Problematic of "Race" in Contemporary Biological Anthropology. In: NT Boaz and LD Wolfe (eds.), *Biological Anthropology: The State of the Science*, 2nd edition, Bend, Oregon, International Inst. of Human Evolutionary Research, pp 221-243.
- 1996 AH Goodman and GJ Armelagos. The Resurrection of Race: The Concept of Race in Physical Anthropology in the 1990's. In LT Reynolds and L Lieberman (eds.), *Race and Other Miscalculations, Misconceptions and Mismeasures: Papers in Honor of Ashley Montagu*. General Hall Publishers, Dix Hill, N.Y., pp 174-186.
- AH Goodman, DL Martin and GJ Armelagos. The Biological Consequences of Inequality in Prehistory. *Revista di Antropologia* 73:30-45.
- AH Goodman and JC Rose. Dental Enamel Hypoplasias as Measures of Developmental Stress. In A Perez-Perez (ed.), *Notes on Populational Significance of Paleopathological Conditions: Health, Illness and Death in the Past*. Romargraf Imp: Barcelona, pp.xx
- Human Osteology. In: D Levinson and M Ember (eds.), *Encyclopedia of Cultural Anthropology*. Henry Holt and Company: New York, pp 591-593.
- Early Life Stresses and Adult Health: Insights from Dental Enamel Development. In: C J K Henry and S J Ulijaszek (eds.), *Long-term Consequences of Early Environment: Growth, Development and the Lifespan Developmental Perspective*. Cambridge University Press: New York, pp 163-182.
- Glorification of the Genes -- Genetic Determinism and Racism in Science. In M Baumann, J Bell, F Koechin and M Pimbert (eds.), *The Life Industry: Biodiversity, People and Profits*. Intermediate Technology Publications: London, pp 149-160.
- 1995 The Problematics of "Race" in Contemporary Biological Anthropology. In: NT Boaz and LD Wolfe (eds.), *Biological Anthropology: The State of the Science*. Bend, Oregon, International Inst. of Human Evolutionary Research, pp 215-239.
- DL Martin and AH Goodman. Demography, Diet and Disease in the Transitional Basketmaker III/Pueblo I Period. In: FE Smiley and SA Gregg (eds.), *Studies in Ridges Basin Archaeology*, Research Papers, Northern Arizona University, Flagstaff, pp 1-48.
- 1994 Cartesian Reductionism and Vulgar Adaptationism: Issues in the Interpretation of Nutritional Status in Prehistory. In: K Sobolik (ed.), *Paleonutrition: The Diet of Prehistoric Americans*, Center for Archaeological Investigations Occasional Papers No. 22, Southern Ill. Univ., Carbondale, pp 163-177.
- Is Race a Useful Variable in Nutrition Research? *Communicator* (Newsletter of the Council of Nutritional Anthropologists) 17(2):4-8.
- A Froment, J Maunders, G Koppert and AH Goodman. L'Epidemiologie Nutritionnelle Appliquee a la Paleonutrition: L'Exemple des Alterations de L'Esmal Dentaire. *Société D'Anthropologie du Sud-Ouest Bulletin Trimestriel* 29:2e pp 51-68.
- 1993 R May, AH Goodman and R Meindl. Response of Dental and Skeletal Development to Caloric Supplementation among Malnourished Guatemalan Children. *American Journal of Physical Anthropology* 92:37-51.
- On the Interpretation of Health from Skeletal Remains. *Current Anthropology* 34:281-288.
- TL Leatherman, AH Goodman and RB Thomas. On Seeking Common Ground between Medical Ecology and Critical Medical Anthropology. *Medical Anthropology Quarterly* 7:202-207.

- AH Goodman and GJ Armelagos. Disease and Death at Dr. Dickson's Mounds. Reprint of *Natural History* (1985) in *Applying Anthropology: An Introductory Reader* (3rd edition). A Podolefsky and P Brown (eds.), Mayfield Publishing Company (3rd edition).
- 1992 J Maunders, AH Goodman, and A Froment. The Ecology of Enamel Hypoplastic Defects among Seven Cameroonian Groups. *Journal of Human Ecology, Special Issue*, 2:109-116.
- M Skinner and AH Goodman. Anthropological Uses of Developmental Defects of Enamel. In: S Saunders and MA Katzenberg (eds.), *Skeletal Biology of Past Peoples: Advances in Research Methods*. Wiley-Liss: New York, pp 153-174.
- LL Capasso and AH Goodman. Introduction. In: AH Goodman and LL Capasso (eds.), *Recent Contributions to the Study of Enamel Developmental Defects*. Edigrafital Termano, Italy, pp 11-15.
- AH Goodman, DL Martin, CP Klein, MS Peele, NA Cruse, LR McEwen, A Saeed and BR Robinson. Cluster Bands, Wilson Bands and Pit Patches: Histological and Enamel Surface Indicators of Stress in the Black Mesa Anasazi Population. In: AH Goodman and LL Capasso (eds.), *Recent Contributions to the Study of Enamel Developmental Defects*, Edigrafital Termano, Italy, pp 115-128.
- AH Goodman, GH Pelto, LA Allen and A Chavez. Socioeconomic and Anthropometric Correlates of Linear Enamel Hypoplasia in Children From Solis, Mexico. In: AH Goodman and LL Capasso (eds.), *Recent Contributions to the Study of Enamel Developmental Defects*, Edigrafital Termano, Italy, pp 373-380.
- AH Goodman and GJ Armelagos. Disease and Death at Dr. Dickson's Mounds. Reprint of *Natural History* (1985) In: A Podolefsky and P Brown (eds.), *Applying Anthropology: An Introductory Reader* (2nd edition). Mayfield Publishing Company, pp 90-94.
- AH Goodman, DL Martin and GJ Armelagos. Health, Economic Change, and Regional Political Economic Relations: Examples from Prehistory. *MASCA Research Papers in Science and Archaeology* 9:51-60.
- Death and Disease at Dr. Dickson's Mounds Revisited. In: J Miller and PM Glazer (eds.), *Words That Ring Like Trumpets: A Collection of Work by Hampshire College Faculty*. The Trustees of Hampshire College, pp 61-70.
- AH Goodman and DL Martin. The Americas. In: H Selin (ed.), *Science Across Cultures: An Annotated Bibliography of Books on Non-western Science, Technology, and Medicine*. Garland, New York, pp 121-123.
- 1991 AH Goodman, C Martinez, and A Chavez. Nutritional Supplementation and Enamel Developmental Defects in Children from Tezonteopan, Mexico. *American Journal of Clinical Nutrition* 53:773-81.
- GJ Armelagos, AH Goodman and KH Jacobs. The Origins of Agriculture: Population Growth during a Period of Declining Health. *Population and Environment* 13(1): 9-22.
- AH Goodman and JC Rose. Dental Enamel Hypoplasias as Indicators of Nutritional Status. In M Kelley and C Larsen (eds.), *Advances in Dental Anthropology*. Wiley-Liss: New York. pp 279-293.
- Health, Adaptation, and Maladaptation in Past Societies. In: H Bush and M Zvelebil (eds.), *Health in Past Societies*. BAR International Series #567, Oxford, pp 31-38.
- K Dobney and AH Goodman. An Epidemiological Study of Enamel Defects. In: H Bush and M Zvelebil (eds.), *Health in Past Societies*. BAR International Series #567, Oxford, pp 81-100.

- GJ Armelagos and AH Goodman. The Concept of Stress and Its Relevance to Studies of Adaptation in Prehistoric Populations. *Collegium Antropologicum* 15:45-58.
- Paleoepidemiological Inference and Neanderthal Dental Enamel Hypoplasias: A Reply to Neiberger. *American Journal of Physical Anthropology* 85:461-2.
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- 1996 Review of The Bell Curve: Good Ol' Racism and Classism Meet Bad Science. *Current Anthropology* 37 (supplement):161-165.
- 1995 Review of: Exploding the Gene Myth by R Hubbard and E Wald (Beacon Press, 1993). *American Journal of Physical Anthropology* 96:199-201.
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- 1992 Review of: Life and Death in Ancient City of Teotihuacan: A Paleodemographic Synthesis by R Storey, (University of Alabama Press, 1992), *American Anthropologist* 95:166-7.

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SELECT GRANTS, AWARDS, AND HONORS

- 2009 Acquisition of a 213 nm UV Laser ablation system to advance micro spatial trace element research and research training across fields. National Science Foundation, D Amarasiriwardena, PI, AH Goodman, co-PI (\$119,908)
- 2000 *World of Difference Institute Teacher Incentive Award* (For work on race and differences with Amherst Regional Middle School Teachers and Students, Awarded by New England Anti-Defamation League)
- 2000 Publication Grant for *Anthropology in the Age of Genetics* (Wenner-Gren Foundation with S. Lindee and D. Heath; \$10,000)
- 1999-2003 *Teeth as Chemical Records of Chronological Changes in Diet and Environment*. National Science Foundation, Collaborative Research in Undergraduate Education Program (\$827,000)
- 1999-2000 *The Relationship Between Tooth Zinc Concentrations and Diet: Are We What We Eat or What We Absorb?* Wenner-Gren Foundation (\$12,000)
- 1999-2000 Jackie M. Pritzen Lectureship in Five College Cooperation (Awarded for cooperation and program development to one faculty member from the Five Colleges -- Amherst, Hampshire, Mount Holyoke and Smith Colleges and the University of Massachusetts)
- 1998-1999 Weatherhead Scholar, School of American Research, Santa Fe, New Mexico (September-June)
- 1997 Highlighted in article "What 15 Top Anthropologists Are Working on Now?" *Chronicle of Higher Education*, November 21, B7-8.
- 1997-1999 *Introductory Project Courses: Real Science Investigations For All Students*. National Science Foundation, Institutional Reform Proposal (Co-PI with A McNeal, \$165,420).
- 1995-1997 *Developmental Stress and Enamel Hypoplastic Defects*. National Institutes of Health, No. R15 DE 11444, \$97,872.
- 1995-1997 *Equipment for Chemical Analysis to Serve Interdisciplinary Research*. National Science Foundation, Academic Research Infrastructure Award (No BIR 9512370, Co-PI with D. Amarasiriwardena, \$412,785).
- 1995-1996 *Coca-Colonization: The Effect of Dietary Delocalization on the Yucatecan Maya*. Wenner-Gren Foundation for Anthropological Research (Co-PI with T Leatherman, \$14,500).
- 1995 *Analysis of Mesa Verde Human Skeletal Remains*, Subcontract with National Park Service, Co-PI with DL Martin, \$60,371.
- 1995 *Award to aid in the publication of volume following the Wenner-Gren symposium "Political Economic Perspectives in Biological Anthropology: Building a Biocultural Synthesis,"* Wenner-Gren Foundation, with TL Leatherman, \$10,000.
- 1993 La Plata Highway Project, Museum of New Mexico, *Bioarchaeological Analysis*, with D Martin, A Swedlund and N Akins), \$10,500.

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- 1992 *Ridges Basin Bioarchaeology*, with DL Martin (subcontracted with Northern Arizona University, Flagstaff), \$16,000.
- 1992 *Wenner-Gren International Conference, Political-Economic Perspectives in Biological Anthropology*. Wenner-Gren Foundation for Anthropological Research).
- 1991-1994 *Undernutrition, Morbidity and Enamel Development*. National Inst. of Health, R15 DE09863, \$98,921.
- 1991-1992 *Impact of Socioeconomic Factors on Nutritional Status*, Co-PI with M El-Moughi, Al Azhar Medical School, Ford Foundation, Cairo, \$45,800.
- 1990 *Prospective Study of Enamel Developmental Defects in Egyptian Children*, co-PI with JC Rose, Bioanthropology Foundation, \$6500.
- 1989 *Prospective Study of Dietary and Health Correlates of Enamel Developmental Defects in Mexican Children*. Wenner-Gren Foundation for Anthropological Research, \$8000.
- 1988 *Nutritional Supplementation and Enamel Hypoplasias*, National Institutes of Health (R03 DE 08607), \$18,390.
- 1983-1986 *Postdoctoral Fellow*, National Institutes of Health (T-32-DE07047), \$70,000 est.
- 1977 *Evaluation and Comparison of Psychosocial Supports as an Adjuvant to Standard Treatment of Breast Cancer Patients*, with L Levi, World Health Organization Pilot Project, \$15,000.
- Field Studies in Anthropology Fellowship*. Commonwealth of Massachusetts, \$1,800.
- 1975 *Academic Scholarship*. National Union of Pipefitters, \$500.
- 1969-1973 *Academic Scholarship*, University of Massachusetts, Amherst.