

CURRICULUM VITAE
Fiscal Year 2023

A. Magdalena Hurtado, Ph.D.

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2023 RESEARCH, TEACHING AND SERVICE SUMMARIES

Research: My research aims to solve unsolved population health problems, focusing on the ongoing COVID-19 pandemic and the Anthropocene's existential threats. The United Nations' 2023 report on attaining the 17 sustainable development goals highlights the urgency of addressing these challenges. The SDGs are the homeostatic states the global population needs to ensure universal well-being. Despite the current setbacks, there is hope for finding solutions. The combination of complex systems, biophysical information processing paradigms, and ontologies, along with artificial intelligence and quantum computing, holds great potential for ensuring effective coordination on both local and global scales, all intending to promote the common good. In 2023, I made significant progress in developing an overarching set of principles for studying regenerative population health across all levels of human social organization. In the chapters of an Introduction to Global Health college textbook that I began writing in 2019, the presentation and evaluation of evidence are rooted in ontological principles. This exploration encompasses supporting and paradoxical evidence. The evidence explored in the Introduction to Global Health college textbook encompasses information flows across multiple levels, including macro-biospheric events, meso-level sociocultural processes, and micro-level communication within the cells and microbes of the human body. These levels are interconnected, highlighting the complexity of the subject matter.

Teaching: As a professor, I actively teach and prepare students for global health challenges. I offer courses in the Global Health program, utilising online teaching platforms to engage students and foster their understanding of complex systems thinking. I regularly seek student feedback to improve my teaching methods and have successfully taught thousands of students. My goal is to empower students with knowledge and skills to become change-makers in addressing population health issues throughout their careers and lives. I also set up the "Saving the Biosphere" lab within the Global Health program workbench to streamline and oversee various honors projects, master's theses, and Ph.D. dissertations I supervise.

Service: In addition to research and teaching, I am committed to service and making a meaningful impact. I am currently undergoing training to establish Global Education for All Health (GEAH), a non-profit startup focused on developing a universal curriculum aligned

with the SDGs for learners of all ages. This initiative is driven by the belief that collective action, facilitated by the internet and artificial intelligence, can contribute to solving global health challenges. In pursuit of this goal, I have joined UC Davis' Active Inference Institute, an institution dedicated to social action and the responsible use of AI in higher education. I now serve on its scientific advisory board as editor of research and creative writing and collaborate on developing the institute's ontology, education, and grant writing initiatives. Through service, I aim to connect and collaborate with like-minded individuals to address sociocultural and governance complexities to advance regenerative population health through my research, writing and teaching.

PERSONAL

EDUCATION

Place of birth: Caracas, Venezuela
 Citizenship: USA (April 23, 1993)

LANGUAGES

Spanish: Speak and Read- Native.
 Guna, Machiguenga indigenous languages: indigenous language: Basic phrases
 Aché, indigenous language: Speak-Conversational, Read-Literate.
 Italian: Speak-Basic phrases, Read-Literate.
 Portuguese: Speak-Basic phrases, Read-Literate.
 French: Speak-Basic phrases, Read-Literate.

ACADEMIC HISTORY

EDUCATION

Active Inference Institute, [Textbook Group: An Ontological and Epistemological Approach to the Laws of Nature](#). Coordinator: Daniel Friedman, Founder. October-December 2023.

Active Inference Institute, [Physics as Information Processing Course](#) taught by Chris Fields, Ph.D., Allen Discovery Center at Tufts University, Department of Biology, Tufts University, October-December 2023.

SCORE Start-Up Training for Minoritized Women, Weekly meetings with chief executive officers for assistance developing the Global Education for All Health start-up (see 'Creative Works' below). Mission-Driven Entrepreneurship Course taught at Stanford University. The main objective is to work on societal problems, whether they're problems for the State Department or the Department of Defense, or non-profits/NGOs, or for cities, energy or the environment, or for anything students are passionate about. And the trick is experiential, hands-on, driven by a [mission-model](#) not a business model. (The National Science Foundation, National Security Agency and the [Common Mission Project](#) have helped promote the expansion of the methodology worldwide.)

Associate Community Based Participatory Research (CBPR) Fellow, Master of Public Health Program, School of Medicine, University of New Mexico (2004-2007)

Postdoctoral Fellow in Social Epidemiology (1991-1992), School of Public Health,
University of Michigan
Career Development Course Work (1989-1991), Epidemiology and Biostatistics, School of
Public Health, University of Michigan
Ph.D. in Human Evolutionary Ecology and Anthropology (1985), Department of
Anthropology, University of Utah
Ph.D. program (1982), Department of Anthropology, Columbia University
B.A. in Cultural Anthropology (1980), State University of New York at Purchase

HONORS

[Scientific Advisory Board, Active Inference Institute](#), University of California, Davis, 2023-2025.

[Fellow](#), Institute of Advanced Studies. Durham University, United Kingdom, Fall 2016.

[Distinguished Professor, Edward P. Bass Award](#), Yale Institute for Biospheric Studies Fall 2015-Spring 2016.

[Fellow, American Academy of Arts and Sciences](#), Cambridge, Massachusetts, 2012 (12th Latin American immigrant out of 11,000 fellows inducted since 1780).

[Postdoctoral Fellow](#), William T. Grant Foundation Career Development Award. Maternal Care Trade-Offs and Child Health, 1988-1993

[National Graduate Student Fellow](#), Fundación Gran Mariscal de Ayacucho, Caracas, Venezuela, 1980-1985

[High Honors, and Early Graduation Award](#), State University of New York, Purchase, New York, 1980

[University-wide Danforth Scholars Program Nominee for SUNY, Purchase; Award granted, retracted due to immigrant status](#). State University of New York, Purchase, New York, 1980

PROFESSIONAL RECOGNITION ON THE NEWS

Aeonmag. [The idea of primitive communism is as seductive as it is wrong](#): Aeon essays, Aeon. Available at: <https://aeon.co/essays/the-idea-of-primitive-communism-is-as-seductive-as-it-is-wrong> (2022).

[Women Are Less Than a Quarter of All New Members of the American Academy of Arts and Sciences](#) (2012) *Women In Academia Report*. Available at: <https://www.wiareport.com/>
Quote: **Ana Magdalena Hurtado** is a professor in the School of Human Evolution and Social Change at Arizona State University

[Isolated indigenous tribes risk extinction from coronavirus, experts say](#) (April 22, 2020) NBCNews.com. Available at: <https://www.nbcnews.com/news/world/experts-isolated-indigenous-tribes-risk-extinction-virus-n1188586>.

[Anthropologists link human uniqueness to hunter-gatherer group structure](#) (2011) ScienceDaily. Available at: <https://www.sciencedaily.com/releases/2011/03/110310141422.htm>

[Magdalena Hurtado, *The MY HERO Project*](https://myhero.com/Hurtado). Available at: <https://myhero.com/Hurtado> (2000).

CREATIVE WORKS

Saving the Biosphere Lab (2023), Global Health Workbench, School of Human Evolution and Social Change. **Mission:** *Prof Hurtado's Saving the Biosphere lab is a computer laboratory established to address the urgent global need for a sustainable development goals and anthropology-based educational curriculum adaptable to all ages and local contexts.* November 2023-present. Members: Honors theses students (5); PhD students (2) and Research Apprentices (5).

Global Education for All Health (2023), Start-up Concept Plan, Pitch Video and Presentations. Mission statement: Global Education for All Health (GEAH) is a non-profit and for-profit company that aims to leverage artificial intelligence, digital twinning, and regenerative population health paradigms to create and implement a global education for all health franchise. This franchise will be deployed in the US Southwest and Latin America, with a focus on indigenous, rural, and urban communities. The franchise will offer an educational curriculum that promotes the mentor-apprentice-entrepreneur co-production of sustainable solutions for regenerative population health *to help humanity meet the United Nations 17 Sustainable Development Goals*. **Target collaborators (ASU):** Start-Up Program, SkySong Innovations, Inc., [Kyle Siegal](#), M.S., J.D., Executive Director and Chief Patent Counsel; [Stephen Feinson](#), Managing Director and [Glen Goodman](#), Sr. Director for Latin America, ASU International Development Initiative; [Dean Tickle](#)s, Curriculum Development and Ontology Researcher, Daniel Friedman's Lab, UC Davis.

PROFESSIONAL EXPERIENCE

Professor of Global Health, Anthropology and Human Evolutionary Ecology, School of Human Evolution and Social Change, Arizona State University, Tempe, Arizona, 2007 – present

Core Faculty Member, Center for Evolution and Medicine, Arizona State University, Tempe, Arizona, 2015-2019.

Director, Global Health Program, School of Human Evolution and Social Change, Arizona State University, Tempe, Arizona, 2009-2011

Affiliate Faculty, Global Institute of Sustainability and Innovation, Julia Ann Wrigley Global Futures Laboratory, 2009-present.

Affiliate Faculty, World Health Organization Collaborating Center, ASU Nursing and Health Innovation, 2017-2020; <https://observatoriorh.org/centro/?q=node/238>

Affiliate Faculty, Biomimicry Center, Arizona State University, 2017-2019.

Affiliate Faculty, Applied Mathematics for the Life and Social Sciences Program, Arizona State University, Tempe, Arizona, 2010-2019

Affiliate Faculty, Center for the Study of Institutional Diversity, Arizona State University, Tempe, Arizona, 2010-2017

Affiliate Faculty, Center for Infectious Diseases and Vaccinology, Arizona State University, Tempe, Arizona, 2010-2013

Senior Research Scientist, Laboratory of Behavior and Evolutionary Neurobiology, Smithsonian Tropical Research Institute, Panama City, Panama, 2009-2014

Senior Research Scientist, Centro para el Desarrollo de Investigaciones Científicas, Molecular Biology and Epidemiological Research Development, Asunción, Paraguay, 2008-present

Co-Director and Project Manager, KueTuvy Aché Natives Conservation and Health Project, Epidemiological Research Development, Asunción, Paraguay, 2005-2011

Associate Professor of Human Evolutionary Ecology, Department of Anthropology, University of New Mexico, Albuquerque, New Mexico, 1997-2007

Assistant Professor of Human Evolutionary Ecology, Department of Anthropology, University of New Mexico, Albuquerque, New Mexico, 1992-1997

Research Director, New Mexico Medical Treatment and Effectiveness Program, Center for Ethnic Populations, School of Medicine, University of New Mexico, Albuquerque, New Mexico, 1992-1995

Visiting Instructor, Department of Anthropology, University of Michigan, June-July 1989

Assistant Research Scientist, Department of Anthropology, University of Michigan, June-July 1989-1992

Visiting Research Scientist, Department of Anthropology and Microbiology, Instituto Venezolano de Investigaciones Científicas (IVIC), Caracas, Venezuela June-July 1985-1991

Director, and Program Manager, Aché Natives Healthcare Worker Program, Arroyo Bandera Rural Clinic, 1987-2016

Visiting Assistant Professor, Department of Anthropology, Emory University, 1987-1988

Postdoctoral Associate, Field Research in Aché, Hiwi and Machiguenga Small Scale Societies, Department of Anthropology, University of New Mexico, Albuquerque, New Mexico, 1985-1990

Research Adjunct Faculty, Department of Family and Consumer Studies, University of Utah, 1986-1987

Research Adjunct Faculty, Department of Anthropology, University of Utah, 1985-1986

Research Assistant, Department of Anthropology, University of Utah, Fundación Mariscal de Ayacucho Fellow, 1981-1985

Graduate Student, Department of Anthropology, Columbia University, Fundación Mariscal de Ayacucho Fellow, 1980-1981

FIELDWORK

Dominican Republic: Maternal and Child Health Clinics, Analyses and discussion of birth outcomes data at a major hospital in barrios of Santo Domingo. April 2018

Panama: Kuna of San Blas-2013, 2012, 2011, 2010, 2009, 2008 and Ngobe of Bocas del Toro-2008.

Paraguay: Aché of Canindeyú, 1-9 month field sessions from 1981-2009; Avá Guaraniés of Canindeyú.

Venezuela: Hiwi of the Llanos, 1990, 1987, 1988, 1986, 1985; Yanomamö, Amazonas, 1987.

Perú: Machiguenga of the Manú Amazonian Basin, 1986, 1987.

GRANTS

AWARDED:

- 2018: Core Faculty Travel Grant, Center for Evolution and Medicine, **Hurtado, A. M.** *Medicine Without Evolution Is Like Engineering Without Physics*. National Association of Biology Teachers Annual Conference, Nov 8-11, 2018, San Diego, California. \$1,100.
- 2017: Co-Principal Investigator, **Hurtado, A.M.** with Alisia (Giac-Thao) Institute of Social Science Research Award Title: *Under the Skin: Physical Features of Inclusion and Exclusion Experiences*. Data collection using *iMotions Biometric Research Platform*. Arizona State University. \$6,800.
- 2015-2016: Fellow, **Hurtado, A.M.**. Yale Institute for Biospheric Studies Award, Department of Anthropology, Yale University, CT.\$120,000
- 2014: Co-Principal Investigator, **Hurtado, A.M.** College of Liberal Arts and Sciences, ASU, Undergraduate Summer Enrichment (USE) award. Project Title: Total serum IgE tracks the coevolution of macroparasites and human niche construction, Student: Michelle Stout, Anthropological Sciences Major. \$2400.
- 2012: Co-Principal Investigator, **Hurtado, A.M.** with Graduate Student, Amanda VanSteelandt, Dean's Fellowship, \$15,000. Arizona State University.
- 2012: Co-Principal Investigator, **Hurtado, A.M.** with Graduate Student, Amanda VanSteelandt, Summer Research Fellowship, \$7,000. Arizona State University.
- 2012: Co-Principal Investigator, **Hurtado, A.M.** with Amanda VanSteelandt, Wenner Gren Foundation Dissertation Grant and Osmudsen Initiative, "The Construction of Human Disease Ecologies through Cultural Transmission: A Nivaclé Example", \$24,833.
- 2011: Co-Principal Investigator, **Hurtado, A.M.** with Amanda VanSteelandt, "The Construction of Human Disease Ecologies through Cultural Transmission: A Nivaclé Example", \$900.
- 2010-2011: Co-Principal Investigator, **Hurtado, A.M.** with Kim Hill, The origins of public health. School of Life Sciences agreement with the Smithsonian Tropical Research Institute. Panama City, Panama -2 years -\$70,000.
- 2010 Co-Principal Investigator, **Hurtado, A.M.** with Amanda VanSteelandt, National Science Foundation, #1026520: "The construction of human disease ecologies through cultural transmission: A Nivaclé example", \$19,546.
- 2008-2010 Co-Principal Investigator, **Hurtado, A.M.** with Marco Janssen, Gerardo Chowell-Puente, Marcel Hurtado and Kim Hill. Social Networks, Cooperation and Health. Late Lessons from Early History Funding Program, School of Human Evolution and Social Change, Arizona State University, \$225,000.
- 2008 Co-Principal Investigator, **Hurtado, A.M.** with Kue Tuvy Aché, and Kim Hill International, Global Conservation Funds – Community Based Participatory Kue Tuvy Conservation Management Plan (\$100,000)
- 2007 Co-Principal Investigator, **Hurtado, A.M.** with Kue Tuvy Aché, and Kim Hill International, Global Conservation Fund -- Community Based Participatory Kue Tuvy Conservation Management Plan (\$120,000)
- 2007 Co-Principal Investigator, **Hurtado, A.M.**, Arizona State University Research Set Up Funds (\$220,000).
- 2006 Co-Principal Investigator, **Hurtado, A.M.** with Nathan Wolfe, Ph.D., National Institutes of Health Pioneer Award, John Hopkins University Emerging Zoonotic Diseases. Pilot

- research on emerging zoonotic diseases in hunting and gathering populations of South America (\$1,550).
- 2006 Co-Principal Investigator, **Hurtado, A.M.**, Follow-Up on a Tuberculosis Epidemic in an Immunologically Compromised Indigenous Population. Wilhelm Rosenblatt and Edith Lenneberg Endowment for Tuberculosis (TB) and International Public Health (\$7,500).
- 2006 Co-Principal Investigator, **Hurtado, A.M.**, Research Allocation Committee, University of New Mexico Host, pathogens and the re-emergence of tuberculosis in an immunologically compromised indigenous population of eastern Paraguay. (\$4,400)
- 2006 Co-Principal Investigator, **Hurtado, A.M.** with Kue Tuvy Aché, and Kim Hill International, Global Conservation Fund -- Community Based Participatory Kue Tuvy Conservation Management Plan (\$125,000)
- 2005 Co-Principal Investigator, **Hurtado, A.M.** with Kue Tuvy Aché, and Kim Hill International, Global Conservation Fund -- Community Based Participatory Kue Tuvy Conservation Management Plan (\$73,000)
- 2003 Co-Principal Investigator, **Hurtado, A.M.** with Anne Stone and Jane Buikstra, National Science Foundation – Dissertation Fellowship awarded to Alicia Wilbur, graduate student, Department of Anthropology, University of New Mexico (\$6,030)
- 2003 Co-Principal Investigator, **Hurtado, A.M.**, Wenner Gren Foundation – Graduate Student Fellowship awarded to Paul James, Ecological and Ethnic Determinants of the Childhood Asthma (\$22,000)
- 2003 Co-Principal Investigator, **Hurtado, A.M.**, National Institutes of Health – RO1, Health and Economic Productivity in Rural Paraguay, Developmental Phase 2003-2004 (\$65,000).
- 2003 Co-Principal Investigator, **Hurtado, A.M.**, Latin American and Iberian Institute. Lecture Series. Lecture / networking with Paraguayan health officials, Oscar Centurión, Director, Indian Affairs Bureau of Paraguay (INDI), Marité Bonfanti, Assistant to the Attorney General of Paraguay (\$400)
- 2001-2005 Co-Principal Investigator, **Hurtado, A.M.**, National Institutes of Health – RO1, Health and Economic Productivity in Rural Paraguay, Developmental Phase 2002-2003 (\$325,000).
- 2002 Co-Principal Investigator, **Hurtado, A.M.**, Latin American Institute/MERCOSUR Award, University of New Mexico, Health and Economic Productivity in Rural Paraguay (\$1,200).
- 2002 Co-Principal Investigator, **Hurtado, A.M.**, Foreign student recruitment award. Office of the President, University of New Mexico (\$3,000)
- 2002 Co-Principal Investigator, **Hurtado, A.M.**, National Science Foundation, Health and Economic Productivity in Rural Paraguay (\$12,500)
- 2002 Co-Principal Investigator, **Hurtado, A.M.**, National Science Foundation, Research Supplement to A.M., Health and Economic Productivity in Rural Paraguay, Paul James (\$4,500)
- 2002 Co-Principal Investigator, **Hurtado, A.M.**, National Institutes of Health – RO1, Health and Economic Productivity in Rural Paraguay, Developmental Phase 2001-2002 (\$65,000).
- 2001 Co-Principal Investigator, **Hurtado, A.M.**, with Kim Hill, National Science Foundation, Health and Economic Productivity in Rural Paraguay (\$12,500)
- 2001 Co-Principal Investigator, **Hurtado, A.M.**, with Kim Hill, Large Research Allocation Committee Award, University of New Mexico, Health and Economic Productivity in

- Rural Paraguay (\$7,500).
- 2001 Co-Principal Investigator, **Hurtado, A.M.**, Latin American Institute/MERCOSUR Award, University of New Mexico, Health and Economic Productivity in Rural Paraguay (\$1,200).
- 2001 Co-Principal Investigator, **Hurtado, A.M.**, MPH Program, Masters of Public Health, Lecture Series. Lecture / networking with Paraguayan health officials, Mario Carlos Gonzáles, M.D. (\$150)
- 2001 Co-Principal Investigator, **Hurtado, A.M.**, Latin American and Iberian Institute. Lecture Series. Funding for Dr. Mario Gonzales' visit to UNM (\$300).
- 1997 Co-Principal Investigator, **Hurtado, A.M.**, American Lung Association, Department of Pathology grant to Mary Lipscomb, M.D.. The absence of asthma among Ache indigenous groups (\$7,200).
- 1997 Co-Principal Investigator, **Hurtado, A.M.**, Medical Relief to Ache Communities. University of Tennessee, International Health Program, Director, John McCall, Ph.D. (\$4,500).
- 1997 Co-Principal Investigator, **Hurtado, A.M.**, Medical Relief Assistance to Ache communities. Hospital Bautista, Asuncion, Paraguay (\$300).
- 1997 Co-Principal Investigator, **Hurtado, A.M.**, Medical Relief Project for Ache Indigenous communities. Avina Foundation, Barcelona, Spain (\$20,000).
- 1997 Co-Principal Investigator, **Hurtado, A.M.** with Kim Hill. National Science Foundation, Ecological Studies of Ache Foragers (\$148,000).
- 1997-1998 Co-Principal Investigator, **Hurtado, A.M.** with Kim Hill. National Science Foundation Dissertation Research Grant: Aché group size, Garnett MacMillan (\$12,000).
- 1994 Co-Principal Investigator, **Hurtado, A.M.**. Research Allocation Committee Grant "Palm starch extraction among Ache foragers" (\$7,000).
- 1994 Co-Principal Investigator, **Hurtado, A.M.** with Kim Hill. Center for the Advanced Study in the Behavioral Sciences, Stanford. Invited Fellows.
- 1992-1994 Co-Principal Investigator, **Hurtado, A.M.** 1992 Mexico MEDTEP Center for Ethnic Minorities grant allocation (Three-year developmental grant award, Agency for Health Care Policy and Research, National Institutes of Health), "Childhood asthma project", Principal Investigator: Hurtado, A.M. (\$96,000).
- 1990-1995 Co-Principal Investigator, **Hurtado, A.M.**, Five-year research training grant, Faculty Scholars Program, W.T. Grant Foundation "Maternal and Child Health Among Mexican Americans: Women's Work and Father Absence" (\$175,000).
- 1988 Principal Investigator, **Hurtado, A.M.**, National Science Foundation Research Grant: Women's Subsistence Strategies Among Cuiva (Hiwi) Hunter Gatherers of Venezuela (\$35,000).
- 1989 Co-Principal Investigator, **Hurtado, A.M.** with K. R. Hill, L.S.B. Leakey Hunter-Gatherer Research grant, Hiwi foragers of Southwestern Venezuela (\$8,000).
- 1986 Co-Principal Investigator, **Hurtado, A.M.** Cultural Survival Foundation Grant: Preliminary Study of the Cuiva land problem (\$2,000).
- 1986 Co-Principal Investigator, **Hurtado, A.M.** 1986 PI: Hurtado, A.M. and Kim Hill. (with K. R. Hill) L.S.B. Leakey Foundation Hunter Gatherer Fellowship (\$10,000)

SUBMITTED (Not Funded):

- 2016: Co-Principal Investigator, **Hurtado, A.M.** John Templeton Foundation Project at St Andrews University, K Laland and T Uller “Putting the Extended Evolutionary Synthesis To the Test”, Phase II. “The Human Colony: Origins and Co-Evolution of Public Health Traits”. \$267,000
- 2014: Co-Principal Investigator, **Hurtado, A.M.**, with Andreas Spanias, (SenSIP Center, Ira A. Fulton School of Engineering), National Science Foundation STEM program. Development of Scalable and Mobile Learning Modules for Undergraduate STEM Education (USA and Panama). \$3,100,000
- 2013: Co-Principal Investigator, **Hurtado, A.M.** with Andreas Spanias, (SenSIP Center, Ira A. Fulton School of Engineering) and Antonio Garcia (School of Health Systems and Bioengineering), National Science Foundation Supplement to SenSIP Center Grant, IGERT program – section: Integrative Training for Mobile Health Against Arbovirus Infections, \$2,000,000.
- 2013: Co-Principal Investigator, **Hurtado, A.M.** with Andreas Spanias (SenSIP Center, Ira A. Fulton School of Engineering) and Antonio Garcia (School of Health Systems and Bioengineering), National Science Foundation Supplement to SenSIP Center Grant, \$70,000.
- 2012: Co-Principal Investigator, **Hurtado, A.M.** with Andreas Spanias, (SenSIP Center, Ira A. Fulton School of Engineering) and Antonio Garcia (School of Health Systems and Bioengineering), National Science Foundation Supplement to SenSIP Center Grant, IGERT program – section: Integrative Training for Mobile Health Against Arbovirus Infections, \$2,000,000. Selected by Arizona State University, President’s Office for submission to NSF.
- 2011: Co-Principal Investigator, **Hurtado, A.M.**, with Stephen Feinson (ASU Global), Vladimiro Mujica (Chemistry, ASU), Anthony Garcia (SOLS, ASU), Robert Maistor (Ambassador, Panama). \$1,000,000. Knowledge Creation and Sharing Initiative: New Technologies for Infectious Diseases Detection.
- 2010: Co-Principal Investigator, **Hurtado, A.M.**, with Stephen Feinson (ASU Global), Vladimiro Mujica (Chemistry, ASU), Anthony Garcia (SOLS, ASU), Robert Maisto (ex-Ambassador, Panama). \$1,000,000. Knowledge Creation and Sharing Initiative: New Technologies for Infectious Diseases Detection.
- 2010: Principal Investigator, **Hurtado, A.M.**, Social stratification, economic productivity and health in human history: Latin American Indigenous Peoples in the 21st Century. National Science Foundation, Cultural and Physical Anthropology Programs, \$350,000.
- 2010: Principal Investigator, **Hurtado, A.M.**, Tropical Medicine Research Center, National Institutes of Health, \$2,000,000, with the Dr. Antonieta Rojas de Arias, Centro para el Desarrollo de Investigaciones Cientificas; letter of intent approved, full proposal due April 2011
- 2009: Principal Investigator, **Hurtado, A.M.**, Social stratification, economic productivity and health in human history: Latin American Indigenous Peoples in the 21st Century. National Science Foundation, Cultural and Physical Anthropology Programs, \$350,000.
- 2008: Principal Investigator, **Hurtado, A.M.**, Higher Education for Development, USAID: Collaborative Partnerships: Paraguay Collaborative Training in Epidemiology and Public Health (\$300,000)
- 1987: Principal Investigator, **Hurtado, A.M.** InterAmerican Foundation. Maternal care trade-offs and child health among the Hiwi of Venezuela (\$50,000). Hurtado did not accept the funds because IAF staff required a ‘top down’ approach as opposed to the

proposed 'grass roots' approach.

SCHOLAR METRIC DATA

Orcid Profile ID: <https://orcid.org/0000-0003-4064-1876>

Source: Google Scholar-

https://scholar.google.com/citations?user=fOQ5_FMAAAAJ&hl=en

Cumulative h-index 12-2023: **50**

Cumulative Google Scholar i10-index 12-2023: **90**

Number of Publications 12-2023: **159**

Total Citations 12-2023: **19378**

Mentions 12-2023: **3575** (Academia.edu)

DISSERTATION, MONOGRAPHS AND PUBLICATIONS

DISSERTATION

Hurtado, A.M. (1985). Women's Subsistence Strategies Among Aché Hunter-Gatherers of Eastern Paraguay (Ph.D.). University of Utah.

MONOGRAPHS

Hurtado, A. M. (In preparation, 14 chapters). Introduction to Global Health Systems – Digital and Print Textbook (2nd ed.). Dubuque, Indiana: Great River Technologies.

Hurtado, A.M. (2010). Global Health Systems and Dynamics - Digital Textbook (1st ed.). Dubuque, Indiana: Great River Technologies.

Salzano, F., & **Hurtado, A.M.** (2004). Lost paradises and the ethics of research and publication. New York: Oxford University Press.

Batten, M., & **Hurtado, A.M.** (2001). Anthropologist: Scientist of the People. Boston, Mass.: Houghton Mifflin.

Hill, K., & **Hurtado, A.M.** (1996). Aché Life History: The Ecology and Demography of a Foraging People (1st ed.). New York: Taylor & Francis.

REFEREED JOURNAL ARTICLES, BOOK CHAPTERS AND CONFERENCE PROCEEDINGS

Hurtado AM, A Page, R Sear and S Myers (eds.), Evolutionary Human Sciences Special Collection: Race Science (Target publication date: December 2024).

Fields CF, A Aguirre, DA Friedman, F Balzan, R Berger, D Draguta, A Guenin-Carlot, **AM Hurtado**, VB Knight, K Koles, H Neophytou, C Prior, D Tickles, I Tennant, A Tolchinsky (eds.) (2023). Transcript of Chris Fields "Physics as Information Processing" course in 2023. In Active Inference Journal. <https://doi.org/10.5281/zenodo.10447643>

Ross CT, PL Hooper, JE Smith, AV Jaeggi, EA Smith, S Gavrilets, ...**Hurtado AM** (2023) Reproductive inequality in humans and other mammals. Proceedings of the National Academy of Sciences 120 (22), e2220124120

de Brito Vargas L, MH Beltrame, B Ho, WM Marin, R Dandekar, G Montero-Martin, MA Fernandez-Vina, **AM Hurtado**, et al. (2022) Remarkably low *KIR* and *HLA* diversity in Amerindians reveals signatures of strong purifying selection shaping the centromeric *KIR* region, Molecular Biology and Evolution, 39(1). doi:10.1093/molbev/msab298.

- Single R M, Meyer D, Nunes K, Rodrigo Santos F, Tabita H, Maiers M, Hurley C K, Bedoya G, Gallo C, **Hurtado A M**, Llop E, Petzl-Erler M L, Poletti G, Rothhammer F, Tsuneto L, Klitz W, Ruiz-Linares A (2020) Demographic history and selection at HLA loci in Native Americans. *PLOS ONE* 15 (11): e0241282.
- Kaplan, H., Hill, K., & **Hurtado, A. M.** (2019). Risk, foraging and food sharing among the Ache. In *Risk and Uncertainty in Tribal and Peasant Economies* (pp. 107-143). Taylor and Francis
- Hurtado, A.M.** & Hill, K. (2017). Paternal Effects on Child Survivorship among Ache and Hiwi Hunter-Gatherers: Implications for Modeling Pair-Bond Stability. In B. Hewlett, *Father-Child Relations: Cultural and Biosocial Contexts* (2nd ed., pp. 31-56). London: Routledge.
- Graves, J., Reiber, C., Thanukos, A., **Hurtado, A.M.**, & Wolpaw, T. (2016). Evolutionary science as a method to facilitate higher level thinking and reasoning in medical training. *Evolution, Medicine, And Public Health*, 2016(1), 358-368. <http://dx.doi.org/10.1093/emph/eow029>
- Lindenau, J., Salzano, F., **Hurtado, A.M.**, Hill, K., & Hutz, M. (2016). The role of variants from the innate immune system genes in tuberculosis and skin test response in a Native American population. *Human Immunology*, 77(10), 981-984. <http://dx.doi.org/10.1016/j.humimm.2016.06.017>
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- Hurtado, A.M.**, Hurtado, I., & Hill, K. (1989). Estrategias de Subsistencia y Estado de Salud en una Poblacion Indigena de los Llanos Venezolanos. In B. Holmes, Aspectos Antropológicos y Sociológicos de la Atención Primaria de Salud en el Territorio Federal Amazonas (1st ed.). Caracas: CAICET.
- Hill, K., & **Hurtado, A.M.** (1989). Hunter-Gatherers of the New World. *American Scientist*, 436-443.
- Hawkes, K., Kaplan, H., Hill, K., & **Hurtado, A.M.** (1987). Ache at the settlement: Contrasts between farming and foraging. *Human Ecology*, 15(2), 133-161.
<http://dx.doi.org/10.1007/bf00888378>
- Hawkes, K., Kaplan, H., Hill, K., & **Hurtado, A.M.** (1987). A Problem of Bias in Scan Sampling. *Journal of Anthropological Research*, 43(3), 239-246.
<http://dx.doi.org/10.1086/jar.43.3.3630524>
- Hill, K., Kaplan, H., Hawkes, K., & **Hurtado, A.M.** (1987). Foraging decisions among Aché hunter-gatherers: New data and implications for optimal foraging models. *Ethology And Sociobiology*, 8(1), 1-36. [http://dx.doi.org/10.1016/0162-3095\(87\)90055-0](http://dx.doi.org/10.1016/0162-3095(87)90055-0)
- Hurtado, A. M.**, & Hill, K. (1987). Early dry season subsistence ecology of Cuiva (Hiwi) foragers of Venezuela. *Human Ecology*, 15(2), 163-187.
<http://dx.doi.org/10.1007/bf00888379>
- Hurtado, A.M.**, & Hill, K. (1986). The Cuiva: Hunter Gatherers of Western Venezuela. *Anthroquest*, (36), 14-22.
- Hurtado, A.M.**, Hawkes, K., Hill, K., & Kaplan, H. (1985). Female subsistence strategies among Ache hunter-gatherers of Eastern Paraguay. *Human Ecology*, 13(1), 1-28.
<http://dx.doi.org/10.1007/bf01531086>
- Hill, K., Kaplan, H., Hawkes, K., & **Hurtado, A.M.** (1985). Men's time allocation to subsistence work among the Ache of Eastern Paraguay. *Human Ecology*, 13(1), 29-47.
<http://dx.doi.org/10.1007/bf01531087>
- Hill, K., Hawkes, K., **Hurtado, A.M.**, & Kaplan, H. (1984). Seasonal variance in the diet of Ache hunter-gatherers in Eastern Paraguay. *Human Ecology*, 12(2), 101-135.
<http://dx.doi.org/10.1007/bf01531269>
- Kaplan, H., Hill, K., Hawkes, K., & **Hurtado, A.M.** (1984). Food Sharing Among Ache Hunter-Gatherers of Eastern Paraguay. *Current Anthropology*, 25(1), 113-115.

REPORTS

- Hurtado, A.M.** (2023) Start-Up Concept: Global Education for All Health: Empowering US-Latin American Communities through Social Sector Franchising. Prepared for SkySong Innovations and ASU's Office of International Development.

- Hurtado, A.M.** (1994) Asthma prevalence among Puerto Rican and Mexican American Children, Analyses of NHANES data, 1982-84. University of New Mexico: MEDTEP Center for Ethnic Minorities.
- Brent Lyles R, K. R. Hill and **Hurtado, A.M.** (1990) Preliminary quantitative analyses of food sharing patterns among Hiwi Hunter-Gatherers of Venezuela. Manuscript. Department of Anthropology, University of Michigan.
- Hurtado, A.M.**, App, C. Burgess, D. Faulkner, C. Holden, A. Martens, P. Marzoeke, D. Miller, S. Ohmit, R. Patel and K. Walden. (1990) with Knowledge and perceived risk of sexually transmitted diseases and genital warts in a University population. Manuscript, School of Public Health, University of Michigan.
- Hurtado, A.M.** (1986) Experimental studies of tool efficiency among Machiguenga women: Implications for settlement patterns. Emory University, Atlanta.
- Hurtado, A.M.**, K. R. Hill and Hillard Kaplan (1985) La Ecología Humana entre los Nativos del Parque Nacional del Manú. Report prepared for the Ministerio de Forestal y Fauna, Lima, Perú. 165 pp.
- Hurtado, A.M.** (1985) El problema de la tenencia de tierra entre los Jigüi del Edo. Apure. Caracas: IVIC.

PROFESSIONAL PRESENTATIONS

- Hurtado, A. M.** (2023) SCORE Women In Business: An Entrepreneurial Exchange: Start-Up Concept: Global Education for All Health: Empowering US-Latin American Communities through Social Sector Franchising, Better Business Bureau of Arizona, Nov 9, 2023.
- Hurtado, A. M.** (2021) HBES plenary speaker, "The Human Colony: Origins & Function", June 28. *Human Behavior & Evolution Society*. #HBES2021-32nd Annual Meeting: HBES Virtually Everywhere. June 24-July 2.
- Hurtado, A. M.** (2018) Invited Speaker. *Medicine Without Evolution is Like Engineering Without Physics*. Session lead: Mark Friedman, Marine Biology Instructor, Ánimo High School, South Los Angeles, California.
- Hurtado, A.M.** (2017) Invited Speaker. Public Health Scalability in the Americas: Anthropology, Field Epidemiology and Inclusive Healthcare. In Centers for Training Human Resources and Knowledge Management in Health Policies in Central America and the Dominican Republic. Washington, DC: World Health Organization & Pan American Health Organization, Antigua, Guatemala, April 24-25, 2017.
- Hurtado, A.M.** (2016) Bass Distinguished Visiting Environmental Scholar, Yale University, Niche construction, immuno-neuro public health and coevolution: How sapiens circumvents extinction. Location: Fellows Seminar Room, Yale Institute of Biospheric Studies ESC110, April 2016.
- Hurtado, A.M.** (2016) YIBS Scholar, Department of Anthropology, Yale University. Collective Immunity Origins of the Human Life History. Location: Department of Anthropology, Conference Room, Anthropology Colloquium, May 2016.
- Hurtado, A.M.** (2015) The Niche Construction Paradigm and the Origins of Public Health. Invitation, Keynote Speaker Invitation, European Human Behavior and Evolution Association (EHBEA) Annual Conference. Helsinki, Finland. March 29-April 1 (*declined, Family obligations*).

- Hurtado, A.M.** (2014) Niche construction, hunter-gatherer health and the origins of human social immunity. *Frontiers in Niche Construction Workshop*. Santa Fe Institute. Santa Fe, New Mexico, Nov 10-12.
- VanSteelandt, A.V., Arias de Rojas, A., Rolón, M & **Hurtado, A.M.** (2013) Cultural models of tuberculosis in indigenous communities of the Paraguayan Chaco. In *Society for Applied Anthropology*. Denver, CO: SfAA, March 30, 2013.
- Hurtado, A.M.**, A VanSteelandt, first author, and Drs. Antonieta Arias and Miriam Rolon. I (2013) Intestinal parasite burden in remote Nivaclé communities of the Paraguayan Chaco by A. VanSteelandt. Presented at the Consortium of Universities in Global Health (CUGH) conference in Washington, D.C. on March 14-15th, 2013. (Poster.)
- Hurtado, A.M.**, A VanSteelandt, first author, Gerardo Chowell-Puente and Marcel Hurtado (2010) "H1N1 influenza beliefs, social influence, and H1N1 vaccine uptake amongst university students" by A. VanSteelandt. Presented at the Graduates in Earth, Life, and Social Sciences (GELSS) conference in Tempe on February 26th, 2010. Won the podium category 2nd prize.
- Hurtado, A.M.** (2009) Evolutionary Global Health Sciences in the 21st Century World Health Summit Berlin, Germany Speaker Workshop International, Evolutionary Medicine Group. October.
- Hurtado, A.M.** (2009) Global Health in the 21st Century Federacion Latinoamericana de Parasitologia, Asuncion, Paraguay Convenor Colloquia/Seminar, International. November.
- Hurtado, A.M.** (2009) Niche Construction Theory: A New Paradigm in Global Health Federacion Latinoamericana de Parasitologia, Asuncion, Paraguay Speaker Presentation International. November.
- Hurtado, A.M.** (2008) Surveillance, silent epidemics and indigenous peoples of Latin America: A call for action. Coordinating Office of Global Health. Centers for Disease Control, Atlanta, Georgia.
- Hurtado, A.M.** (2008) Human Evolutionary Ecology and Health. Invited lecture, Theories of Health class, Prof. Alexandra Brewis, Fall Semester.
- Hurtado, A.M.**, M Bywangi, A Bepurangi, S Krachogi, O Bywangi, M Krirogi, P Urugi (2005) Community-based conservation and land titling initiatives among the Aché of eastern Paraguay. Invited presentation. Fundación Moisés Bertoni, September 9.
- Hill, K., **Hurtado, A.M.**, M Bywangi (2005) A conservation management plan for the Kue Tuvy Aché community of eastern Paraguay. Invited presentation. Conservation International, May 5.
- Hurtado, A.M.**(2005) The cultural ecology of asthma and infectious diseases among indigenous populations of South America. Invited lecture. Department of Anthropology, Arizona State University, March 14.
- Hurtado, A.M.**(2005) Infectious disease epidemiology among indigenous populations of South America. Invited lecture. Department of Anthropology, University of South Florida, Feb 21.
- Hurtado, A.M.** (2002) Policy and Fieldwork among natives of South America. Invited lecture. Public Policy Seminar (L. Lamphere, Department of Anthropology, University of New Mexico).
- Hurtado, A.M.** (2002) Causes of morbidity and mortality among South American natives. American Anthropological Commission on the Status of Indigenous Peoples. American Anthropological Meetings. New Orleans, November.

- Hurtado, A.M.** (2001) Health and economic productivity among indigenous populations of Paraguay. International Studies in Health and Economic Development Network meeting. National Institutes of Health, Fogarty International, Bethesda, MD, Nov 26-28.
- Wilbur AK, Feurstein JR, **Hurtado, A.M.**, Stone AC. (2001) Involvement of HLA loci in host resistance/susceptibility to tuberculosis in the Ache, a Native American Population from Paraguay. Poster presented at Seventieth Annual Meeting of the American Association of Physical Anthropologists, Kansas City MO.
- Wilbur AK, Feurstein JR, Smith JK, **Hurtado, A.M.**, Hill, K., Stone AC (2001) Involvement of vitamin D receptor and HLA loci in host susceptibility to tuberculosis in the Ache of Paraguay. Poster presented at 51st Annual Meeting of the American Society for Human Genetics, San Diego CA
- González M C, M.D., Hurtado, A.M. (2001) Obstacles to health care in rural and indigenous communities of Paraguay. Ground Rounds, Department of Family and Community Medicine, Family Practice Center, Room 340, Health Sciences Center, University of New Mexico, Wednesday, January 24.
- González M.C., & Hurtado, A.M. (2001) Obstacles to health care in rural and indigenous communities of Paraguay. International Health Interest Group, School of Medicine, University of New Mexico, Tuesday, January 23.
- Hurtado, A.M.** (2001) An ethnographic appreciation of infectious diseases among native populations of South America. Epidemiology Seminar, Master's of Public Health Program. Department of Family and Community Medicine. March.
- Hurtado, A.M.**, K Hill, H Kaplan, & J Lancaster (2001) The epidemiology of infectious diseases among South American Indians. Presentation to American Anthropological Association Members, Panel on Research among the Yanomami, American Anthropological Association, November 16, AAA meetings, San Francisco, California
- Hurtado I, **Hurtado, A.M.** (1997) The absence of allergies and pollen exposure among the Ache of Eastern Paraguay. Meetings. PanAmerican Association of Allergists. Orlando, Florida.
- Lancaster J, Kaplan H, Hill, K., **Hurtado, A.M.** (1998) The evolution of the life course and investment in human capital. Invited paper to the Vth Biannual Symposium on the Science of Behavior: Behavior, Evolution and Culture.
- Hurtado, A.M.** (1997) Tuberculosis, multiple disease load and the absence of chronic diseases in indigenous populations of Lowland South America. Immunology Seminar. Department of Pathology. University of New Mexico.
- Hurtado, A.M.** (1995) Respiratory diseases in indigenous populations: Implications for understanding the prevalence of childhood asthma in urban centers. SCOR/ NIH Center, School of Medicine, University of New Mexico.
- Hurtado, A.M.** (1995) The behavioral ecology of childhood asthma: Short term accomplishments and long-term objectives. Paper given at the monthly Research Methods Committee meeting, New Mexico MEDTEP Center for Ethnic Minorities. October 7.
- Hurtado, A.M.** (1994) Cultural relevance and cost-utility approaches in quality of life measurement. Poster. Seventh Annual Indian Health Service Research Conference, Tucson, Arizona. April 12-14, 1994.
- Hurtado, A.M.**, K. R. Hill (1995) Invited talk: Costs and Benefits of Parental Care: An Asthma Example. Human Growth and Development: Modeling Relationships of Biology

and Context, Thursday, March 31, American Anthropological Association Meetings, Denver, CO.

Hurtado, A.M. (1993) What do we know about parental care behavior in the treatment of childhood asthma? Paper given at the Human Evolutionary Ecology Symposium, Society for Cross Cultural Research, 23rd Annual Meeting. Feb 16-20.

Hurtado, A.M. (1993) Invited talk: Ethnicity, treatment effectiveness and childhood asthma: Why do we know so little?. Improving the Health of Latinos Conference, Society for Latino Health Research. September 26-28. UCLA Lake Arrowhead Conference Center

Hurtado, A.M., C. Urbina, M. McCabe, M. Mahony, K. Kessler, E. Saavedra, S. Jones (1993) Invited talk: Childhood asthma and health outcomes among Hispanics. Medical Treatment Effectiveness Meeting, Agency for Health Care Policy and Research. The Health Institute, Boston, Massachusetts. August 10-17.

Hurtado, A.M. (1991) Optimization modeling, maternal care and child health: A Mexican American example. Department of Anthropology, University of California, Los Angeles; Department of Health and Physical Education, University of Texas, Austin; Department of Anthropology, University of New Mexico, Albuquerque; Department of Anthropology; University of California, Los Angeles.

Hurtado, A.M. (1991) Foraging behaviors among Ache and Hiwi women. Department of Anthropology, University of New Mexico, Albuquerque

Hill, K., **Hurtado, A.M.** (1990) Invited paper. How much food is enough? Nutrition and demographic outcomes in two South American foraging societies. UNESCO. Paris

Hurtado, A.M. (1990) Invited talk: Tradeoffs between childcare and work: Implications for epidemiological research. Evolution and Human Behavior Lecture Series. University of Michigan.

Hurtado, A.M. (1989) Foraging behaviors among Ache women. Evolution and Human Behavior Lecture Series. University of Michigan.

Hurtado, A.M., I. Hurtado and K. R. Hill (1986) Invited talk: Ecología del comportamiento y estado de salud entre los Hiwi del Edo. Apure. Seminario "Aspectos Antropológicos y Sociológicos de la Atención Primaria de Salud en el Territorio Federal Amazonas" Centro Amazónico para la Investigación y Control de Enfermedades Tropicales (CAICET) 14-16 October 1987, Pto. Ayacucho, Dto. Federal Amazonas, Venezuela

Hurtado, A.M. (1986) Invited talk: La Ecología del Comportamiento y estudios etnográficos. Instituto Venezolano de Investigaciones Científicas (IVIC), Caracas

Hurtado, A.M. (1985) Invited talk: Estudios sobre los Ache del Paraguay Oriental: Aspectos Teóricos y Metodológicos. Instituto Venezolano de Investigaciones Científicas (IVIC), Caracas

Hawkes, K, K. Hill, H. Kaplan and **Hurtado, A.M.** (1984) Hunting, Gathering and Sharing: Male and Female Strategies Among the Ache. 83rd Annual Meeting of the American Anthropological Association, Denver, Colorado, November 14-18.

Hurtado, A.M., K. Hawkes, K. Hill and K. Kaplan (1983) Invited talk: Female Foraging Strategies Among the Ache of Eastern Paraguay. Paper given at the American Anthropological Association Meetings, Chicago, Illinois.

Kaplan, H., K. Hill, K. Hawkes and **Hurtado, A.M.** (1982) Resource Redistribution Among the Ache of Eastern Paraguay: A Variance Reduction Model of Food Sharing. Paper presented at the American Anthropological Association Meetings.

SERVICE - REVIEW PANELS

National Science Foundation, Integrative Graduate Education and Research Traineeship Program, Review Panel, April 28-30, 2005 Washington, DC.

Ad Hoc Reviewer – Primary and Secondary, National Institute of Allergy and Infectious Diseases. Immunology and Transplantation Research Committee, Bethesda, MD, June 1994.

SERVICE – INTERNATIONAL

External Tenure and Promotion Reviewer, 2023, Asian Institute of Technology, Thailand, Asia.

Consultant, Hepatitis B Outbreak Investigation 2023, Indigenous Aché Healthcare Group, Kue Tuvy, Canindeyú, Paraguay.

Volunteer, Project Hope, research on the “Venezuelan Migration Crisis in Latin America”. July 2018.

Member, Planning Committee, Casa Venezuela, Community Organization, North Phoenix 85020; Facebook: Casa Venezuela. Humanitarian Crisis Projects. February – 2014-2017.

Speaker, Amnesty International, Tempe Chapter, Seminars and Petitions, prepared, signed and sent to US and AZ State government officials – June 2017.

Coordinator, Epidemiological Mobile Surveillance, Remote Consultant/Assistant to members - Carlos Tykuanagi, Teresa Wypygi, Marci Vachugi, Maribel Kry'gyi, Kimi Japegi, Cristobal Bywagi, Aché Health Care Worker program - 1997-2011

Consultant, Indigenous Public Health, Fundación Guyra, Fundación Moisés Bertoni, Asunción, Paraguay, 1997-2010

Coordinator, Tuberculosis Control Program, Aché communities, Ministry of Health and Hospital Bautista Partners, Asunción, Paraguay, 1997-2002

Coordinator, Epidemiological Surveillance – mobile technology, members -Carlos Tykuanagi, Teresa Wypygi, Marci Vachugi, Kimi Japegi, Cristobal Bywagi, Carlos Tykuanagi, Aché Health Care Worker program, 1997-2011

SERVICE – NATIONAL

Co-Chair, American Academy of Arts and Sciences Steering Committee for the Southwest Chapter, with CA Murray, J Collins, JG Hildebrand, K Lomawaima, R Page, O Sala and C Velez-Ibañez (September 11, 2023-present)

Editor, Active Inference Journal, University of California, Davis, October 2023-present.

[Editorial Board Member](#), *AlterNative: An International Journal for Indigenous Peoples*. Sage Journals, May 2021-present

[Editorial Board Member](#), *Journal of Systems Thinking*, The *Journal of Systems*, is a rolling, online-only, open-access, free-to-publish, post publication peer-reviewed journal dedicated to the areas of Systems Thinking (cognitive complexity), Systems Mapping (visual complexity), Systems Leadership (organizational complexity), and Systems Science (ontological complexity).

Ethnographer, Lovelace Health Systems, Institute for Healthcare Improvement, Project: Pediatric Asthma Episode of Care Team, 1994-1996
 Research Director, Summer Semesters, 1993-1996: Developed and implement program for Hispanic parents of children with asthma, Lovelace Health Systems, 5-12 years of age.

SERVICE

– UNIVERSITY WIDE COMMITTEES

Committee for Campus Inclusion, [Podcast Sub-Committee](#), Fall 2018-present. *Bi-weekly meetings to discuss programming, identifying future podcast participants, editing podcast transcripts.*

Dean of Faculty Advisory Council (DFAC), College of Arts and Sciences, Arizona State University. *Weekly review of faculty's promotion, probationary and fixed-term portfolios (30 hours/week).* Fall 2019-Spring 2020.

Graduate College and Barrett, The Honors College, Arizona State University. Moderator – *Solving Wicked Problems: Interdisciplinary Collaboration and the Promise of a Graduate Degree.* Thursday, October 11, 2018.

Committee for Campus Inclusion (<https://inclusion.asu.edu/ci>), Arizona State University, Tempe Campus. *Meetings held the first Tuesday of each month, 12 noon-1 pm. The CCI is an advisory group to Provost Stanlie James. CCI's main goals are to promote harmony through diverse paradigms and with diverse community members across ASU campuses, and neighborhoods of Tempe and Phoenix, Fall 2017-Fall 2018.*

Committee Member, Robert Wood Johnson Foundation Center for Health Policy at the University of New Mexico implementation committee, September-December 2006

SERVICE - DEPARTMENTAL

School of Human Evolution and Social Change, Tenure and Promotion Committees, Annual Participation, 2017-present.

Organizer, Colloquium Speaker Series, School of Human Evolution and Social Change, Arizona, 2017-2019.

Director, Undergraduate Studies, School of Human Evolution and Social Change, Arizona State University, 2007-2009

Graduate Committee Member, School of Human Evolution and Social Change, September 2009-2011

Faculty Awards Committee, School of Human Evolution and Social Change, September 2009-2010

Committee Member, Community-Based Participatory Research Consortium Committee, Director: Nina Wallerstein, Masters of Public Health Program, University of New Mexico, Summer 2007

Committee Member, Grant writing committee, Globalization and Health Conference, Latin American Institute, January-December 2006

Advisory Council Member, Department of Anthropology, January-May 2004, January-May 2005, January-December 2006

Convener, Biological Anthropology Program, January-May 2004, January-May 2005,

January-December 2006

Member, Latin American and Iberian Institute Awards Selection Committee, University of New Mexico, January-May 2005

Member, Undergraduate Committee, Department of Anthropology, University of New Mexico. January 2004-May 2005

Chair, Minority Affairs Committee, Department of Anthropology, University of New Mexico. January-May 2003.

Member, Public Anthropology Committee. Department of Anthropology, University of New Mexico. February 2003-.

Member, Graduate Committee, Department of Anthropology, University of New Mexico, 2000-2002.

Chair, Development Committee, Department of Anthropology, University of New Mexico, 1996, 1998-1999

Member, Instructional Resources Committee, Department of Anthropology, University of New Mexico, 1997-1998

SERVICE - OTHER

2021- Hurtado, A. M. Barrett College Fellow, Arizona State University. Project: Indigenous Health Data & Outreach.

PEER REVIEWED JOURNALS EDITOR & REVIEWER

Associate Editor, Evolution, Medicine & Public Health, 2011-present. International Society for Evolution, Medicine & Public Health, Oxford University Press: Oxford.

https://academic.oup.com/emph/pages/Editorial_Board

Associate Editor, Human Nature: An Interdisciplinary Biosocial Perspective (University of New Mexico) Springer International Publishing, 1990-2003

External Reviewer for the Following Journals:

AlterNative: An International Journal for Indigenous Peoples

American Anthropologist

American Journal of Public Health

Annual Review of Anthropology

Behavioral and Brain Sciences

Brazilian Journal of Medicine and Human Health

Current Anthropology

Frontiers of Science

Human Nature

Interciencia (Venezuela)

International Journal of Epidemiology

Journal of Anthropological Research

Journal of Human Biology

Journal of Physical Anthropology

Medical Anthropology

Proceedings of the National Academy of Sciences

Proceedings of the Royal Society B
 Science
 Scientific Reports
 Social Science and Medicine

COURSE DEVELOPMENT

Introduction to Global Health-ASB100 (2023) - Extensive review of the course with EdPlus staff: 1) Improve the organization of the course Canvas platform; 2) Updated instructions; 3) Improved the modular organization; 4) Developed and implemented new student engagement strategies for faculty, teaching assistants and graders; and 5) Improved course integration of an artificial intelligence platform for student engagement and assessments; and 6) Completed an evaluation of the course, and identified improvement tasks to be completed in Spring and Summer of 2024.

COURSES DESIGNED AND TAUGHT

BIOSOCIAL/EVOLUTIONARY GLOBAL HEALTH

University of New Mexico

Doing Global Health Research (undergraduate course; seminar)
 Epidemics, Pandemics and the Future of Humankind (Undergraduate, Honors Program)
 Human Growth and Development (undergraduate and graduate course)
 Global Health: Disease in Past and Present Environments (undergraduate and graduate course)
 Human Biology (undergraduate course)
 Human Evolution and Life History Origins (undergraduate course)
 Ethnic and minority health (undergraduate/graduate seminar)
 Anthropology of Health – minority health (undergraduate/graduate seminar)
 Anthropology of Health – health of South American Natives (undergraduate/graduate seminar)
 Health and Poverty (undergraduate/graduate seminar)
 Maternal care (undergraduate/graduate seminar)
 Epidemiological Anthropology (graduate seminar)
 Health and Phenotypic Evolution (graduate seminar)
 Human Reproductive Ecology (graduate seminar)

Arizona State University

Disease and Human Evolution, (undergraduate)
 Health and Human Biology (undergraduate course; upper-level seminar for Global Health Students)
 Anthropological Sciences Seminar (undergraduate)
 Where There is No Public Health (undergraduate)
 Introduction to Epidemiology (upper level undergraduate)

Introduction to Global Health (undergraduate; in person)
 Introduction to Global Health (undergraduate; online course)

University of New Mexico, Emory University and University of Michigan

Introduction to Biological Anthropology (undergraduate course) – UNM, Emory, UM
 Hunter-gatherers (undergraduate seminar) - Emory

***OBSERVATIONAL –ANTHROPOLOGICAL AND EPIDEMIOLOGICAL – RESEARCH METHODS
 (1992-2007)***

University of New Mexico

Research Design (undergraduate and graduate course)
 Research Methods for Undergraduates (undergraduate course)
 Research Design and Methods I (graduate seminar)
 Proposal Writing, Research Design and Methods II (graduate summer)

PROFESSIONALISM (1992-2007)

University of New Mexico:

Getting Published (graduate course)
 Undergraduate Honors Thesis Seminar

ANTHROPOLOGICAL SCIENCES (2007-2017)

Arizona State University:

Anthropological Sciences Seminar – “From Out of Africa to Out of Our Minds”
 (undergraduate course; upper-level seminar)
 Anthropological Sciences Seminar (undergraduate course; seminar)

INTERNSHIPS

Training in indigenous communities

Bonnie Young – UNM (Aché, Paraguay), Jack Baker - UNM (Aché, Paraguay), Paul James –
 UNM (Aché, Paraguay) – 1999-2006
 Field School 1998, May-June; 12 graduate students (Michael Gurven, Brian Wood, Garnett
 McMillan, Wesley Allen Arave and others, Aché, Paraguay)
 Aché (7) and Avá (1) Healthcare Workers –Three reservations, 1997-2009.

Data collection, entry and management at Arizona State University,
 (2007-2010)

Amanda VanSteelandt
 Marcel Hurtado
 Jessica Lopez
 Wilfredo Rodriguez
 Michele Moreno

Jennifer Grand
Ginny de La Cruz

GRADUATE STUDENTS

Name, Current Status

1994-2007

Lynne Fullerton, Ph.D., Human Evolutionary Ecology, University of New Mexico, Associate Professor, School of Medicine, University of New Mexico.

Jack Baker, Ph.D., Human Evolutionary Ecology, University of New Mexico, Director of Underwriting Performance Optimization, Farmers Insurance, Professor of Practice, University of New Mexico

Bonnie N. Young, Ph.D., Human Evolutionary Ecology, University of New Mexico, Postdoctoral Researcher, Department of Environmental & Radiological Health Sciences, Colorado State University.

Michael Gurven, Ph.D., Human Evolutionary Ecology, Professor, Department of Anthropology, University of California, Santa Barbara.

2017-present

Song Seung, A.B.D., Global Health Program, Temporary Leave – South Korean Military Service.

Maria Martinez, A.B.D., Applied Math for the Life and Social Sciences, Arizona State University.

Brandice Evans, A.B.D., Global Health Program, Arizona State University.

UNDERGRADUATE STUDENTS

Honors theses chair: 2022-2024

Esther Low
Mia Joslin
Mia Santos
Alec Mathew

Global Health Master's students research hours

Quania Ratcliff
Jamie Ignowski
Drew Greene