

Curriculum Vitae

Keith Hunley

Department of Anthropology

July 16, 2019

Educational History

- BS, 1980 Purdue University. Biology
- MA, 1996, University of Michigan, Anthropology
- PhD, 2002, University of Michigan, Anthropology
- Faculty Research Fellow, 2002-2004, University of Michigan, Human Genetics

Employment History

- Associate Professor, 2011- present, Anthropology, University of New Mexico
- Assistant Professor, 2005-11, Anthropology, University of New Mexico
- Visiting Assistant Professor, 2004-05, Anthropology, University of New Mexico

Professional Recognition and Honors

- Award for Assessment, 2017, College Assessment Review Committee, College of Arts and Sciences, UNM
- Invited Commentary, 2015, Proceedings of the National Academy of Sciences
- Nominee, 2013, Outstanding Online Teacher of the Year, UNM
- Keynote speaker, 2015, American Association of Physical Anthropologists, Symposium: Thinking anthropologically about genetics
- Invited Public Lecture, 2015, Morrison Institute, Stanford University
- Nominee, 2007, Outstanding Teacher of the Year Award, UNM
- Roy A. Rappaport Teaching Award, 2002, Department of Anthropology, University of Michigan
- Genome Sciences Training Fellowship, 1999 – 2001, National Institutes of Health

Scholarly Achievements

Citation indices: <https://scholar.google.com/citations?user=OjIQkBQAAAAJ&hl=en>

Website: <http://keithhunley.wixsite.com/keith-hunley>

Articles Published in Refereed Journals (*senior or corresponding author)

Since tenure

1. Jennifer L. Hay, Kirsten Meyer White, Andrew Sussman, Kim Kaphingst, Dolores Guest, Elizabeth Schofiel, Yvonne T. Dailey, Erika Robers, Matthew R. Schwartz, Kate Zielaskowski, Yuelin Li, David Buller, Keith Hunley Marianne Berwick. Psychosocial and cultural determinants of interest and uptake of skin cancer genetic testing in diverse primary care. Submitted to Public Health Genomics. In press.
2. White K, Y Dailey, D Guest, K Zielaskowski, E Robers, A Sussman, K Hunley, C Hughes, M Schwartz, K Kaphingst, D Buller, J Hay, Marianne Berwick. MC1R Variation in a New Mexico Population Cancer Epidemiology, Biomarkers & Prevention. In press
3. Healy H, Edgar H, Mosley Carmen, Hunley K*. Associations between ethnic identity, regional history, and genomic ancestry in New Mexicans of Spanish-speaking descent. *Biodemography and Social Biology*. 64(2): 152-170. 2018
4. Hay J, Zielaskowski K, White K, Kaphingst K, Robers E, Guest D, Sussman A, Talamantes Y, Schwartz M, Rodríguez VM, Li Y, Schofield E, Bigney J, Hunley K, Buller D, Berwick M. Interest and Uptake of MC1R Testing for Melanoma Risk in a Diverse Primary Care Population: A Randomized Clinical Trial. *JAMA Dermatology*. 2018
5. Hunley K, Edgar H, Healy M, Mosley C, Cabana G, West F. Social identity in New Mexicans of Spanish-speaking descent highlights limitations of using standardized ethnic terminology in research. *Human Biology*. 89(3):217-228. 2017
6. Healy M, Hill D, Berwick M, Edgar H, Gross J, Hunley K*. "Social-Group Identity and Population Substructure in Admixed Populations in New Mexico and Latin America." *PLoS One* 12 (10): e0185503. 2017
7. Hay JL, Berwick M, Zielaskowski K, White K, Rodríguez VM, Robers E, Guest DD, Sussman A, Talamantes Y, Schwartz M, Greb J, Bigney J, Kaphingst K, Hunley K, Buller D. Implementing an Internet-delivered skin cancer genetic testing intervention to improve sun protection behavior in a diverse population. *JMIR research protocols* 6 (4): e52. 2017
8. Rodriguez VM, Robers E, Zielakowski K, Hunley K, Kaphingst K, Guest D, Sussman A, White KM, Schwartz MR, Talamantes Y, Grebb J, Bigney J, Berwick M, & Hay JL.

- Translation and adaptation of skin cancer genomic risk education materials for implementation in primary care. *J Community Genet.* 8(1): 53–63. 2017
9. Hunley, K. L., Cabana, G. S. Beyond serial founder effects: the impact of admixture and localized gene flow on patterns of regional genetic diversity. *Human Biology.* 88(3): 2017
 10. Hunley, K., Gwin, K. & Liberman, B. A Reassessment of the Impact of European Contact on the Structure of Native American Genetic Diversity. *PLoS One* 11(8), e0161018. 2016.
 11. Hunley, K. L., Cabana, G. S. & Long, J. C. The apportionment of human diversity revisited. *American Journal of Physical Anthropology.* 160, 561–569. 2016
 12. Hunley K. Reassessment of global gene–language coevolution. *Proceedings of the National Academy of Sciences.* 112(7): 1919–1920. 2015
 13. Young BN, Rendón A, Rosas-Taraco A, Baker J, Healy M, Gross J, Long J, Burgos M, Hunley K*. The Effects of Socioeconomic Status, Clinical Factors, and Genetic Ancestry on Pulmonary Tuberculosis Disease in Northeastern Mexico. *PLoS ONE* 9(4): e94303. 2014
 14. Young BN, Burgos M, Handal AJ, Baker J, Rendón A, Rosas-Taraco A, Long J, Hunley K*. Social and clinical predictors of drug-resistant tuberculosis in a public hospital, Monterrey, Mexico. *Annals of Epidemiology.* 24(10):771–775. 2014
 15. Hunley K, Bowern C, Healy M. Rejection of a serial founder effects model of genetic and linguistic coevolution. *Proceedings of the Royal Society B, Biological Sciences.* 279(1736): 2281–2288. 2012
 16. Bowern C, Epps P, Gray R, Hill J, Hunley K, McConnell P, Zentz J. Loans in the basic vocabulary of hunter-gatherer languages. *PLoS One* 6(9): e25195. 2011
 17. Hunley K, Healy M. The impact of founder effects, gene flow, and European admixture on Native American genetic diversity. *American Journal of Physical Anthropology.* 146(4): 530-538. 2011

Prior to tenure

18. Friedlaender J, Hunley K, Dunn M, Terrill A, Lindström E, Reesink G, Friedlaender F. Letter: Linguistics more robust than genetics. *Science.* 324(5926):464-465. 2009
19. Hunley K, Healy M, Long J. The global pattern of gene identity variation reveals a history of long-range migrations, bottlenecks, and local mate exchange: Implications for biological race. *American Journal of Physical Anthropology.* 139(1): 35-46. 2009
20. Edgar H, Hunley K*. Reconciling race?: How biological anthropologists view human variation. *American Journal of Physical Anthropology.* 139(1): 1-4. 2009

21. Hunley K, Dunn M, Lindström E, Reesink G, Terrill A, Healy M, Koki G, Friedlaender F, Friedlaender J. Genetic and linguistic coevolution in Northern Island Melanesia. *PLoS Genetics* 4(10):e1000239. 2008
22. Hunley K, Spence JE, Merriwether DA. The impact of lineal fissions on genetic structure in Native South America and implications for human evolution. *American Journal of Physical Anthropology*. 135:195-205. 2008
23. Cabana G, Hunley K, Kaestle F. Population continuity or replacement?: A novel computer simulation approach and its application to the Numic expansion (Western Great Basin, USA). *American Journal of Physical Anthropology*. 135(4): 438-447. 2008
24. Clark J, Dobson S, Anton S, Hawks J, Hunley K, Wolpoff M. Identifying artificially deformed crania. *International Journal of Osteoarchaeology*. 17:596-607. 2007
25. Hunley K, Cabana G, Merriwether DA, Long J. A formal test of linguistic and genetic coevolution in Native Central and South America. *American Journal of Physical Anthropology*. 132 (4): 622-631. 2007
26. Cabana G, Merriwether DA, Hunley K, Demarchi DA. Is the genetic structure of Gran Chaco populations unique? Interregional perspectives on Native South American mitochondrial DNA variation. *American Journal of Physical Anthropology* 131(1): 108-119. 2006
27. Hunley K, Long J. Gene flow across linguistic boundaries in Native North Americans. *Proceedings of the National Academy of Sciences*. 102(5): 1312-7. 2005
28. Mulligan C, Hunley K, Cole S, Long J. Population genetics, history, and health patterns in Native Americans. *Annual Review of Genomics and Human Genetics*. 5:295-315. 2004.
29. Wolpoff M, Hawks J, Frayer D, Hunley K. Modern human ancestry at the peripheries: A test of the Replacement Theory. *Science*. 291:293-297. 2001
30. Hawks J, Hunley K, Lee S, Wolpoff M. 2000. Population bottlenecks and Pleistocene human evolution. *Molecular Biology and Evolution*. 17(1):2-22. 2000
31. Hawks J, Oh S, Hunley K, Dobson S, Cabana G, Dayalu P, Wolpoff M. An Australasian test of the recent African origin theory using the WLH-50 calvarium. *Journal of Human Evolution*. 39: 1-22. 2000
32. Mitani J, Hunley K, Murdoch E. Geographic variation in the calls of wild chimpanzees: A re-assessment. *American Journal of Primatology*. 47(2): 133-152. 1999

Peer-reviewed Articles Appearing in Chapters in Edited Volumes

Since tenure

1. Hunley K. Models of migration in human prehistory and their anthropological significance. In Current developments in the anthropological study of past human migration. G Cabana, J Clark (editors). Gainesville: University Press of Florida. 2011

Prior to tenure

2. Hunley K, Dunn M, Lindström E, Reesink G, Terrill A, Norton H, Scheinfeldt L, Friedlaender F, Merriwether DA, Koki G, and Friedlaender J. Inferring prehistory from genetic, linguistic, and geographic variation. In Genetics, Linguistics, and Culture History in the Southwest Pacific. J Friedlaender (editor). Cambridge: Cambridge University Press. 2007

Other Scholarly Works

Peer-reviewed articles in review

Hunley K, Heather Edgar, Meghan Healy, Carmen Mosley. Colonialism and the co-evolution of ethnic and genetic structure in New Mexico. Submitted to American Journal of Physical Anthropology on June 5, 2019

Dissertation

The Anthropological Utility of Genetic Data in Small-Scale Populations: Migration Rates and Patterns among the Yanomamö. Department of Anthropology. University of Michigan. 2002

Journal Special Issues

Hunley K, H Edgar. Special Issue: Race Reconciled: How Biological Anthropologists View Human Variation. American Journal of Physical Anthropology. 139:1. 2009

Book Reviews

1. Hunley K. Who We Are and How We Got Here: Ancient DNA and the New Science of the Human Past. By David Reich. New York: Pantheon. 2018. ISBN: 9781101870327. \$28.95 (hardcover). American Journal of Physical Anthropology. 2019
2. Hunley K, Gross J. A Computational Approach to Statistical Arguments in Ecology and Evolution. George Estabrook. New York: Cambridge University Press. Journal of Anthropological Research. 2013

3. Hunley K. The 10,000 Year Explosion: How Civilization Accelerated Human Evolution by Gregory Cochran and Henry Harpending. New York: Basic Books. Journal of Anthropological Research. 2010

Museum Exhibits

1. Heritage New Mexico. Interactive Internet exhibit. Co-curator with Heather Edgar. Maxwell Museum of Anthropology. UNM. 2014

Invited or Refereed Abstracts and/or Presentations at Professional Meetings

1. Hunley K. The apportionment of diversity revisited. American Association for the Advancement of Science. Washington, DC. Organized by J Beckwith and K Bergman. 2019
2. Mosley C, Healy M, Rusk K, Hunley K, Edgar H. Allostatic load predicts chronic disease in New Mexicans of Spanish-speaking descent. American Journal of Physical Anthropology. 168, 170-170. 2019
3. Riley KE, Hay JL, White K., Sussman A., Guest D., Schofield E., Li Y., Kaphingst K., Hunley K., & Berwick M. (March, 2019). Cognitive causation beliefs, negative affect in risk perception, and responses to skin cancer genetic test offer. Poster presented at the Society of Behavioral Medicine Conference, Washington, DC. 2019.
4. Rusk K, Mosley C, Hunley K, Healy M, Edgar H. Facial fluctuating asymmetry as a marker of cumulative health burden in women. American Association of Physical Anthropologists. 165, 233-234. 2018
5. Banerjee S, Zielaskowski K, White K, Rodriguez V, Robers E, Guest D, A Sussman, Talamantes Y, Schwartz M, Bigney J, Hunley K, Buller D, Kaphingst K, Berwick M, Hay J. Let's Talk About Skin Cancer": Examining Association Between Family Communication About Skin Cancer, Perceived Risk, And Sun Protection Behaviors. Annals of Behavioral Medicine. 52: S177-S177. 2018
6. West F, Hunley K, Healy M, Mosley C, Cabana GS, Edgar H. Return of Genetic Ancestry Testing Results: An Academic-Setting Case Study. American Journal of Human Biology 29. 2017
7. Hay J, Berwick M, Zielaskowski K, Meyer-White K, Rodríguez V, Robers E, Guest D, Sussman A, Talamantes Y, Schwartz M, Greb J, Bigney J, Kaphingst K, Hunley K, Buller D. Online skin cancer genetic testing in diverse primary care. Society of Behavioral Medicine. San Diego, CA, March 29 – April 1, 2017

8. Hay JL, Berwick M, Zielaskowski K, White KM, Rodríguez VM, Robers E, Guest D, Sussman A, Talamantes Y, Schwartz M, Greb J, Bigney J, Kaphingst K, Hunley K, Buller D. Interest and uptake of MC1R testing in primary care. Society for Melanoma Research. Boston, MA. 2016
9. White KM, Martinez M, Rodríguez VM, Robers E, Zielaskowski K, Guest D, Sussman A, Hunley K, Bigney J, Kaphingst K, Talamantes Y, Schwartz M, Greb J, Hay JL, Berwick M. MC1R variants in the New Mexico population. Society for Melanoma Research. Boston, MA. 2016
10. Hay JL, Berwick M, Kaphingst K, Buller D, Hunley K, Bigney J, White KM, Zielaskowski K, Guest D, Sussman A, Rodríguez VM. Investigating MC1R testing and feedback in primary care: Maximizing personal utility and reach. Society for Melanoma Research. San Francisco, CA. 2015
11. Hunley K, Cabana G, Long J. The Impact of Hierarchical and Gene Flow Processes on Patterns of Regional Genetic Diversity. *American Journal of Physical Anthropology*. 156, 173-173. 2015
12. Cabana GS, Hunley K. The Impact of Local Mate Exchange and Founder Effects on Global Patterns of Mitochondrial Genomic Variation. *American Journal of Physical Anthropology*. 56:Suppl. 2015
13. Mosley C, Healy M, Hunley K, and Edgar HJH. 2015. Exploring Hispanic Identity: Relationships among Socioeconomic Status, Genetic Ancestry, Skin Color, and Ethnicity in the Land of Enchantment. Society for Applied Anthropology. Pittsburgh, PA. 2014
14. Mosley C, Healy M, Hunley K, Edgar HJH. Skin deep: is skin color linked to blood pressure in New Mexicans of Spanish-speaking descent? *American Journal of Human Biology* 25:268. 2013
15. Mosley C, Healy M, Hunley K, Edgar HJH. Self-reported ethnicity predicts allostatic load in New Mexicans of Spanish-speaking descent. Human Biology Association. Knoxville, Tennessee. 2013
16. Young B, Long J, Gross J, Rosas-Taraco A, Rendon A, Hunley K. Genetic Admixture in Monterrey, Mexico: Evolutionary Implications for Tuberculosis Disease Risk. Human Behavior and Evolution Society. 2012
17. Young B, Rendon A, Rosas-Taraco A, Handal A, Baker J, Long J, Burgos M, Hunley K. Education and marital status are protective against active tuberculosis in Monterrey, Mexico. *American Journal of Physical Anthropology*. Portland. 2012
18. Healy M, Gross J, Berwick M, Hill D, Erdei E, Long J, Hunley K. Variability in genetic ancestry in New Mexican Hispanics: the product of a rich and ever-changing ethnic landscape. *American Journal of Physical Anthropology*. Portland. 2012

19. Young B, Rendon A, Rosas-Taraco A, Handal A, Baker J, Long J, Burgos M, Hunley K. Do Disease Legacies Impact Variation in Resistance? Genetic Ancestry and Socio-Cultural Effects On Active Tuberculosis In Northeastern Mexico. *American Journal of Physical Anthropology*. 2011
20. Hunley K. Genes and language in the Americas. *American Journal of Physical Anthropology*. 141: S50. 2010
21. Long J, Hunley K. New evidence for natural selection acting at the ALDH locus. *American Journal of Physical Anthropology*. 141: S50. 2010
22. Joyce S, Hunley K, Long J. Analysis of global gene identity reveals a history of serial founder effects, admixture between long-diverged Oceanic groups, and interbreeding with archaic humans. *American Journal of Physical Anthropology*. 141: S50. 2010
23. Schneider N, Hunley K. Genetic and linguistic coevolution in Native Latin America. *American Journal of Physical Anthropology*. 138: S48. 2009
24. Healy M, Hunley K. Using mitochondrial DNA in population genetic research: A comparison of the information content of the mitochondrial d-loop and the coding region. *American Journal of Physical Anthropology*. 137: S47. 2008
25. Healy M, Hunley K. The impact of geography, ecology, and language on Native American genetic structure. *American Journal of Physical Anthropology*. 134: S45. 2007
26. Spence J, Hunley K, Merriwether DA. Genetic structure and implications for human biological and cultural evolution: A case study of the Yanomamo. *American Journal of Physical Anthropology*. 134: S45. 2007
27. Hunley K, Merriwether DA, Cabana G, Long J. Linguistic and genetic correspondence in Native Central and South America. *American Journal of Physical Anthropology*. 131: S43. 2006
28. Cabana G, Hunley K. Migration or microevolution? The Numic expansion revisited through genetics and computer simulation modeling. Society for Anthropological Sciences. First General Scholarly Meeting, Santa Fe. 2005
29. Hunley K, Long J, Cabana G, Merriwether DA. Gene flow across linguistic boundaries in Native South American populations. Society for Anthropological Sciences. First General Scholarly Meeting. Santa Fe. 2005
30. Hunley K, Long J. Rejection of isolation by distance for human gene geography and suggested alternatives. *American Journal of Physical Anthropology*. 128: S41. 2005
31. Long J, Hunley K. Predictions of isolation by distance and alternatives for human gene geography. *American Journal of Physical Anthropology*. 128: S41. 2005

32. Demarchi DA, Cabana G, Hunley K, Merriwether DA. Linajes mitocondriales en poblaciones del Chaco Argentino: Patrones únicos de variación regional. 34^a Congreso Argentino de Genética (Trelew, 12 al 14 de Septiembre de 2005) y VII Jornadas Nacionales de Antropología Biológica. Córdoba. 2005
33. Hunley K, Long J. Does Greenberg's linguistic classification predict patterns of New World genetic diversity? *American Journal of Physical Anthropology*. 125: S39. 2004
34. Malhi R, Hunley K, Long J. Tests for selection on ALDH2 in a Southeast Asian population. *American Journal of Physical Anthropology*. 122: S37. 2003
35. Long J, Hunley K, Kittles R. Analysis of DNA sequences under unequal evolutionary rates. *American Journal of Physical Anthropology*. 122: S37. 2003
36. Long J, Hunley K. Analysis of DNA sequences and repeat lengths under unequal evolutionary rates. American Society of Human Genetics. Los Angeles. 2003
37. Hunley K, Merriwether DA. The Anthropological Utility of Genetic Data in Small-Scale Populations: Migration Rates and Patterns among the Yanomamo. *American Journal of Physical Anthropology*. 119: S35. 2002
38. Cabana G, Hunley K, Kaestle F. Biomolecular Archaeology: Genetic Approaches to Reconstructing the Past: Population movement or genetic drift and gene flow? Southern Illinois University Visiting Scholar's Conference. Carbondale. 2002
39. Hunley K, Cabana G. The Genus *Homo*: One or multiple species? *American Journal of Physical Anthropology*. 116: S33. 2001
40. Cabana G, Hunley K, Kaestle R. Modeling the effects of random genetic drift and migration on the genetic diversity of ancient populations. 5th International Ancient DNA conference. Manchester, UK. 2000
41. Hunley K, Merriwether DA. Reconstructing the Past: Population Structure among the Yanomamo. *American Journal of Physical Anthropology*. 113: S31. 2000
42. Wolpoff M, Hawks J, Hunley K, Dobson S, Cabana G, Dayalu P. An Australian test of the Recent African Origin Theory using the WLH-50 Calvarium. *American Journal of Physical Anthropology*. 110: S29. 1999
43. Hunley K. Seattle, WA. Vertebral canal size and function: a comparison of extant and fossil hominoids. Paleoanthropology Society. 1999
44. Ahlstrom C, Hawks J, Hunley K, Oh S. The application of nested cladistics to investigate population structure in chimpanzees. *American Journal of Physical Anthropology*. 107: S27. 1998

45. Hunley K, Merriwether DA. The effect of fossil age on the estimation of time to a common ancestor. *American Journal of Human Biology* 10 (1), 126-126. 1998

Research Funding

1. Personalized genomic testing for melanoma: maximizing personal utility and reach. National Cancer Institute. National Institutes of Health. 1R01CA181241-01A1. Co-investigator (PIs: Jennifer Hay and Marianne Berwick). \$735,067. 2014 - 2017
2. The cultural and biological significance of ethnic substructure in New Mexican Hispanics. National Science Foundation. BCS 0962825. PI: Keith Hunley. \$327,703. 2010 - 2015
3. The relationship between genetic admixture and sociocultural history in New Mexico. UNM Research Allocation Committee. Discipline-specific Large Grant. PI: Keith Hunley. \$7,260. 2009
4. Effects of genetic ancestry and socio---cultural factors on susceptibility to tuberculosis in Mexico. Wenner Gren. (Dissertation Fieldwork Grant to Bonnie Young, supervised by Keith Hunley). \$12,969. 2009.
5. Dynamics of hunter-gatherer language change. National Science Foundation. Co-PI: Keith Hunley (PI: Claire Bowern, Yale University). \$723,133. 2008
6. Funded Symposium: Race Reconciled? How biological anthropologists view human biological variation. Funded by UNM Maxwell Museum, Departments of Anthropology and Biology, Office of Research. \$12,000. 2007
7. Linguistic and genetic coevolution and implications for human evolution. UNM Research Allocation Committee. Discipline-specific Large Grant. PI: Keith Hunley. \$7,185. 2005
8. Population stratification in New Mexican Hispanics and implications for medical and anthropological genetic research. UNM Cross Campus Collaboration in the Life Sciences. PI: Keith Hunley. \$24,214. 2005

Pending funding

1. Ethnic Health Disparities in Lung Function in Rural Miners. Mountain West CTR-IN Health Disparities Pilot Grant. Consultant: Keith Hunley (PI Kevin Vlahovich). Submitted April 2019

TEACHING

PhD Committee Chair

- Jada Benn-Torres, African Ancestry and Admixture Estimates throughout the Anglophone Caribbean, 2005
- Bonnie Young, Effects of Genetic Ancestry and Sociocultural Tuberculosis Susceptibility in Northeastern Mexico, 2012
- Meghan Healy, Ethnic Identity and Genetic Ancestry in New Mexicans of Spanish-Speaking Descent, 2019

PhD Committee Member

- Yann Klimentidis, Using Genetic Admixture to Examine Social and Phenotypic Aspects of Ethnicity Among New Mexican Hispanics and Native Americans, 2008
- Hsui-man Lin, The Biological Evidence of the San-Pau-Chu People and Their Affinities, 2009
- Tim Peterson, Taxonomic implications of basicranial variation in *Australopithecus africanus*, 2010
- Anthony Koehl, Estimating Ancestry and Genetic Diversity in Admixed Populations, 2016
- Carmen Mosley, A Biocultural Examination of Health Risk Among New Mexicans of Spanish-Speaking Descent, 2019
- Kate Rusk, Facial Fluctuating Asymmetry: Developmental Origins and Implications for Long-Term Health, 2019

Master's Exam Committee

- Jenna Strawbridge
- Alexis O Donnell
- Sara Neidbalski
- Sarah Philips-Garcia
- Nicole Schneider
- Jessica Gross
- Margaret Frey
- Maddison Schaefer
- Anthony Koehl
- Carmen Mosley

- Kate Rusk
- Bonnie Young
- Meghan Healy
- Gwen Addickes
- Amy Farnbach
- Wendy Potter
- Christopher Grivas
- Hannah MacDonald

Undergraduate Student Mentoring

- Brendon Liberman
- Kiela Gwin
- Gabriela Gomez
- Jessica Smith
- Danielle Boudreaux
- Brandon Pettit
- Shannon Bermea
- Casey Frank
- Liana Hernandez
- Endel Sorra

Professional Course Certifications

- Certification, Anthropology 150, 2016, Quality Matters
- Online Course Advisory Council's Best Practice Certification, Anthropology 150, 2016, University of New Mexico

Classroom teaching

- On-line course. Hunley, K. (2015), "Genetic and linguistic evolution and coevolution", in Rosenberg, N. and Nielsen, R. (eds), Human Population Genetics II, The Biomedical & Life Sciences Collection, Henry Stewart Talks Ltd, London
- Introduction to Anthropological Genetics. ANTH 364
- Anthropological Genetics. ANTH 455/555. BIO 452
- Evolution and Human Emergence. ANTH 150

- Evolution and Human Emergence (on-line). ANTH 150 on-line (Certified by Quality Matters and UNM Online Course Advisory Council)
- Evolution and Human Emergence Laboratory. ANTH 151L
- Modern Human Origins & Prehistory. ANTH 450/550
- Race and human evolution. ANTH 450/550
- Human Genetics. ANTH 555
- Population Genetics. ANTH/Biology 491/591
- Measuring and interpreting human variation. ANTH 550
- Computer Aided Inferences in Natural Science. ANTH 450/550

SERVICE

Administrative

- 2019 – present. Interim Chair. Department of Anthropology. UNM
- 2017 - present. Associate Chair. Department of Anthropology. UNM

UNM

- 2019 - present. Interim Chair. Department of Anthropology. UNM
- 2019. Retention, Promotion & Tenure Review Committee. Tenure and Promotion. College of Arts and Sciences. UNM
- 2018. Retention, Promotion & Tenure Review Committee. Mid-probationary review. College of Arts and Sciences. UNM
- 2018. Coauthor (with Les Field and Jennifer George). Academic Program Review Self-Study. Spring 2009-Spring 2018
- 2016. Search committee, interim Maxwell Museum Director. UNM
- 2015 - present. Member. Advisory Group. Department of Anthropology. UNM
- 2014 - 2016. College Assessment Review Committee. College of Arts and Sciences. UNM
- 2014, 2017-19. Tenure and Promotion Committees. Department of Anthropology (Nelson, Mattison)
- 2012. Writing workshop for the Undergraduate Anthropology Society. UNM
- 2007 - present. Director. Undergraduate Committee. Department of Anthropology. UNM
- 2007. Search committee. Evolutionary Anthropology. Department of Anthropology. UNM
- 2006 - 2008. Advisory council member. Program in Interdisciplinary Biological and Biomedical Sciences. UNM
- 2004 - 2019. Organizer. Evolutionary Anthropology Journal Club. Department of Anthropology. UNM
- 2004-2019. Undergraduate committee member. Department of Anthropology. UNM

Discipline

- 2019. Tenure and Promotion external evaluator. Department of Anthropology. University of Illinois Urbana-Champaign
- 2015 - present. Associate Editor. Human Biology
- Grant/manuscript review, including

- National Science Foundation, Wenner-Gren Foundation, Science Magazine, Scientific Reports, Proceedings of the National Academy of Sciences, Philosophical Transactions of the Royal Society B, Proceedings of the Royal Society of London B, American Journal of Physical Anthropology, PLoS One, Human Biology, Human Nature, Journal of Anthropological Research
- 2011. Scientific Program Committee. American Association of Physical Anthropologists
- 2012. Scientific Program Committee. American Association of Physical Anthropologists
- 2011. Local Arrangements committee. Human Biology Association Meetings. Albuquerque, NM

Public Outreach

- 2012. Youtube videos describing research in New Mexico.
Keith Hunley <https://www.youtube.com/watch?v=xPMBxOdlf58>
Meghan Healy <https://www.youtube.com/watch?v=Lf6j2B7fMFo>
Carmen Mosley https://www.youtube.com/watch?v=fgbf_Sda-c4
- 2009. “DNA, Race and Identity” Radio interview with Sylvia Rodriguez for Cultural Energy’s People, Culture and Place series. <http://www.culturalenergy.org/mp3/edgar-ortiz.mp3>.
With Heather Edgar

Invited Lectures, Seminars, Symposia, And Public Anthropology

- 2018. Guest lecture. Anth 360. Human Behavioral Ecology. UNM. Siobhan Mattison.
- 2018. Guest discussant. Anth 454. Human Genetics. University of Illinois. Ripan Malhi.
- 2018. Race and Human Evolution as it applies to Public Health. PH 201. Population Health Biology. Spring 2018. Lawrence W. Gernon
- 2018. Guest discussant. Anthropology 330. UNM Department of Anthropology. Catherine Rhoads.
- 2017. Guest discussant. Anth 454. Human Genetics. University of Illinois. Ripan Malhi.
- 2017. Guest discussant. Anthropology 330. UNM Department of Anthropology. Catherine Rhoads.
- 2014. Contributor. Maxwell Museum of Anthropology Exhibit. The Cultural and Biological Significance of Ethnic Substructure in New Mexicans of Spanish-speaking descent. Heather Edgar

- 2014. Co-creator with Heather Edgar, Heritage New Mexico website.
<http://heritagenm.unm.edu/>
- 2012. Genetic and Linguistic coevolution. UNM Department of Linguistics seminar.
- 2011. Admixture in New Mexicans of Spanish-speaking descent. UNM Division of Epidemiology and Biostatistics.
- 2009. Community Radio Series in Public Anthropology. UNM Alfonso Ortiz Center for Intercultural Studies. Sylvia Rodriguez.
- 2009. UNM Darwin Day Symposium: There are no races, there are only nested hierarchies.
- 2009. Population Genetic Structure and Admixture in New Mexican Hispanics. UNM Division of Epidemiology and Biostatistics. Marianne Berwick
- 2008. UNM Faculty Symposium sponsored by the Alfonso Ortiz Center for Intercultural Studies. The social and health-related implications of sociocultural and biological variation in New Mexicans of Hispanic descent.
- 2008. UNM Faculty Symposium sponsored by the Alfonso Ortiz Center for Intercultural Studies. The Social and Scientific Implications of Biological, Cultural, and Linguistic Variation in New Mexican Hispanics.
- 2007. UNM Symposium: Race Reconciled?: How biological anthropologists view human biological variation. Organized by K Hunley and H Edgar.
- 2007. Contributor. UNM Maxwell Museum of Anthropology Exhibit. Tools of the trade: How biological anthropology is done. May 25-November 3, 2007.
- 2007. Linguistic and Genetic Coevolution in Native America. Perspectives in Human Ecology Seminar. UNM Department of Anthropology.
- 2007. The global pattern of human genetic variation: no clines, no trees, and no races. UNM Program in Interdisciplinary Biological & Biomedical Science Seminar.
- 2007. Guest Lecturer for FLC-623: Genes, peoples, languages. UNM Freshmen Learning Communities.
- 2006. Linguistic and genetic coevolution in Native America. UNM Department of Linguistics,
- 2006. Is there a biological basis for human race? UNM Department of Anthropology Archaeology Seminar.
- 2005. Guest Lecturer for FLC-623: Genes, peoples, and languages. UNM Freshmen Learning Communities.