

C. EDUARDO GUERRA AMORIM
CURRICULUM VITAE

CONTACT INFORMATION

Arizona State University
Institute of Human Origins
Walton Center for Planetary Health
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PROFESSIONAL APPOINTMENTS

2026-current Assistant Professor, School of Human Evolution and Social Change, Arizona State University
2026-current Research Scientist and Assistant Professor, Institute of Human Origins, Arizona State University
2026-current Core Faculty, Center for Evolution and Medicine, Arizona State University
2021-2025 Assistant Professor, Department of Biology, California State University, Northridge
2020-2021 Postdoctoral Scholar, Department of Computational Biology, University of Lausanne
2017-2018 Postdoctoral Scholar, Department of Ecology and Evolutionary Biology, UCLA
2016-2017 Postdoctoral Scholar, Department of Ecology and Evolution, Stony Brook University
2014-2016 Postdoctoral Fellow, Department of Biology, Columbia University

EDUCATION

Ph.D. Department of Genetics, Federal University of Rio Grande do Sul, Brazil, 2013
M.Sc. Department of Genetics and Development, University of Brasília, Brazil, 2009
B.Sc. Institute of Life Sciences, University of Brasília, Brazil, 2007

GRANTS

ACTIVE:

Source: NIH/NIGMS R35GM142939

Role: Principal Investigator

Title: Characterizing Human-Pathogen Interactions and Natural Selection with Ancient DNA

Period: 01/09/2021-30/06/2026

Direct costs to CEGA: US\$ 1,179,157

PAST:

Source: All of Us Evenings with Genetics Research Program EWG-PI-22-0004 via NIH All of Us Research Program, 1OT2OD031932-01

Role: Co-PI

Co-PIs: Bassent Abdelbary, Janitza Montalvo-Ortiz, and Paola Giusti-Rodriguez
Title: Dissecting the Influence of Perceived Discrimination and Genetic Liability on Mental Health
Period: 02/01/2023 – 06/31/2023
Direct costs: \$30,000

PUBLICATIONS

PEER-REVIEWED RESEARCH ARTICLES

*Indicates equal contribution; # Co-supervised work; % Student supervised

- 2026 Anchieri L, Amorim CE, Neuenschwander S, Malaspinas A-S. Assessing Ancient DNA Sampling Strategies for Natural Selection Inference in Humans Using Allele Frequency Time Series Data. *Genome Biology and Evolution* (in press)
- 2026 Bozzi D*, Broomandkoshbacht N*, Delgado M*, Buikstra J, Amorim CE, Kassadjikova K, Estrada Pratt M, Greub G, Rascovan N, Šmajš D, Fehren-Schmitz L[#], Malaspinas A-S[#], Nelson EA[#]. A 5,500-year-old *Treponema pallidum* genome from Sabana de Bogotá, Colombia. *Science* 391(6783):eadw3020
- 2023 Mota BS, Rubinacci S, Cruz-Dávalos DI, Amorim CE, Sikora M, Johannsen NN, Szmyt M, Włodarczak P, Szczepanek A, Przybyła MM, Schroeder H, Allentoft ME, Willerslev E, Malaspinas A-S, Delaneau O. Imputation of ancient genomes. *Nature Communications* 14:3660
- 2021 Clemente F*, Unterländer M*, Dolgova O*, Amorim CE, Coroado-Santos F, Neuenschwander S, Ganiatsou E, Dávalos DI, Anchieri L, Michaud F, Winkelbach L, Blöcher J, Kalliga E, Souleles A, Kontopoulos I, Karamitrou-Mendessidi G, Philaniotou O, Sampson A, Theodorou D, Tsiopoulou M, Akamatis I, Halstead P, Kotsakis K, Urem-Kotsou DC, Panagiotopoulos D, Ziota C, Triantaphyllou S, Delaneau O, Jensen JD, Moreno-Mayar JV, Burger J, Lao O, Sousa VC, Malaspinas AS[#], Papageorgopoulou C[#]. The genomic history of the Aegean palatial civilizations. *Cell* 184: 1–22
- 2020 Castro e Silva MA, Nunes K, Lemes RB, Más A, Amorim CE, Mill JG, Salzano FM, Bortolini MC, Pereira A, Comas D, Hünemeier T. Genomic insight into the origins and dispersal of the Brazilian coastal natives. *Proc Natl Acad Sci U S A*. 117:2372-7
- 2018 Amorim CE*, Vai S*, Posth C*, Modi A, Koncz I, Hakenbeck S, La Rocca MC, Mende B, Bobo D, Pohl W, Baricco LP, Bedini E, Francalacci P, Giostra C, Vida T, Winger D, von Freeden U, Ghirotto S, Lari M, Barbujani G, Krause J[#], Caramelli D[#], Geary PJ[#], Veeramah KR[#]. Understanding 6th-century barbarian social organization and migration through paleogenomics. *Nature Communications* 9: 3547.
- Pre-print featured in “Divided by DNA: The Uneasy Relationship Between Archaeology and Ancient Genomics,” by Ewen Callaway. *Nature* 555:573-576, March 28, 2018.
- 2018 Viscardi LH[%], Paixão-Côrtes VR, Comas D, Salzano FM, Rovaris D, Bau CD, Amorim CE[#], Bortolini MC[#]. Searching for ancient balanced polymorphisms shared between Neanderthals and modern humans. *Genet Mol Biol* 41:67-81.
- 2017 Amorim CE, Gao Z, Baker Z, Simons Y, Diesel JF[%], Haque I, Pickrell J[#], Przeworski M[#]. The population genetics of human disease: the case of recessive lethal mutations. *PLoS Genetics* 13:e1006915.

- Spotlighted in *Trends in Genetics*: Ballinger MA, Noor MAF. (2018) Are Lethal Alleles Too Abundant in Humans? Volume 34:87–89.
- Highlighted by *PLoS Genetics* as top-three highly notable and broadly impactful articles from 2017. Editorial *PLoS Genetics*, 2018, 14:e1007649.

- 2017 Amorim CE*, Nunes K*, Meyer D, Comas D, Bortolini MC, Salzano FM, Hünemeier T. Genetic signature of natural selection in First Americans. *Proc Natl Acad Sci U S A* 14:2195-9.
- 2017 Amorim CE*, Hofer T*, Ray N, Foll M, Ruiz-Linares A, Excoffier L. Long-distance dispersal suppresses introgression of local alleles during range expansions. *Heredity* 118:135-142.
- 2016 Moorjani P*, Amorim CE*, Arndt P, Przeworski M. Variation in the molecular clock in primates. *Proc Natl Acad Sci U S A* 113:10607-12.
- 2015 Amorim CE, Daub JT, Salzano FM, Foll M, Excoffier L. Detection of convergent genome-wide signals of adaptation to tropical forests in humans. *PLoS One* 10:e0121557
- 2015 Amorim CE, Acuña-Alonzo V, Salzano FM, Bortolini MC, Hünemeier T. Differing evolutionary histories of the ACTN3*R577X polymorphism among the major human geographic groups. *PLoS One* 10:e0115449.
- 2014 Gontijo CC, Amorim CE, Godinho NM, Toledo RC, Nunes A, Silva W, Da Fonseca Moura MM, De Oliveira JC, Pagotto RC, Klautau-Guimarães M de N, De Oliveira SF. Brazilian quilombos: A repository of Amerindian alleles. *Am J Hum Biol* 26:142-50.
- 2013 Amorim CE, Bisso-Machado R, Ramallo V, Bortolini MC, Bonatto SL, Salzano FM, Hünemeier T. A Bayesian approach to genome-linguistic relationships in Native South Americans. *PLoS One* 8:e64099.
- 2012 Hünemeier T, Amorim CE, Azevedo S, Contini V, Acuña-Alonzo V, Rothhammer F, Dugoujon JM, Mazières S, Barrantes R, Villarreal-Molina MT, Paixão-Côrtes VR, Salzano FM, Canizales-Quinteros S, Ruiz-Linares A, Bortolini MC. Evolutionary responses to a constructed niche: Ancient Mesoamericans as a model of gene-culture coevolution. *PLoS One* 7:e38862.
- 2011 Amorim CE, Gontijo CC, Falcão-Alencar G, Godinho NM, Toledo RC, Pedrosa MA, Luizon MR, Simões AL, Klautau-Guimãres MN, Oliveira SF. Migration in Afro-Brazilian rural communities: crossing demographic and genetic data. *Human Biology* 83:509-21.
- 2011 Amorim CE*, Wang S*, Marrero AR, Salzano FM, Ruiz-Linares A, Bortolini MC. X-chromosomal genetic diversity and linkage disequilibrium patterns in Amerindians and non-Amerindian populations. *American Journal of Human Biology* 23: 299-304.

BOOK CHAPTERS

- 2023 Amorim CE. Ancient DNA and population history: the genomic record. In: Larsen C (Ed.) *A Companion to Biological Anthropology*. 2nd Edition. Willey-Blackwell.
- 2012 Amorim CE, Gontijo CC, Oliveira SF. Migration in Afro-Brazilian rural communities: crossing historical, demographic, and genetic data. In: Crawford MH, Cambell BC (Eds.) *Causes and Consequences of Human Migration: An Evolutionary Perspective*. Cambridge University Press.
- 2012 Cerqueira CC, Amorim CE, Salzano FM, Bortolini MC. Pigmentation genes: forensic perspectives, general aspects and evolution. In: Yacine N and Fellag R (Eds.) *Forensic Science*. Nova Publishers.

REVIEWS AND OTHER PUBLICATIONS

- 2026 Amorim CE, Raff J. Scrutinizing kinship and biological relatedness through the lens of paleogenomics. *Cambridge Archaeological Journal* (in press)
- 2025 Hinde K, Amorim CEG, Anderson CN, Andreasen G, Armstrong E, Beasley M, Berliner J, Brokaw AF, Brown D, Brubaker-Wittman L, Brunstrum J, Burt N, Casillas M, Chavez Ramirez C, Chen A, Chestnut T, Claypool K, Coffman R, Connors PK, Costantini A, Dasari M, David S, Dietrick J, Ditelberg CF, Drew J, Durgavich L, Easterling B, Faust K, Flitner D, Fogel A, Gabrys J, Haridy Y, Harp M, Hecht I, Henning C, Hilborn A, Janz M, Josefson C, Karlsson EK, Kauffman L, Kissel J, Kissel M, Kobylecky J, Krell J, Lane A, Lee DN, Lesciotto KM, Lewton KL, Light JE, Manegold K, Martin J, McElhinny T, Moore R, Moreira LR, Murphy A, Murphy K, Murphy M, Nickley W, Núñez-de la Mora A, Ostler K, Patrick L, Pellicer O, Pellicer V, Perry AM, Popescu J, Rocha E, Rowland-Schafer E, Rubio-Godoy M, Rudzis C, Sarma M, Schumann S, Schuttler SG, Sinnott M, Sparks O, Stone AC, Tanis B, Thacher A, Tomimbang G, Upham N, Varner J, Villanea F, Weber J, Wilson M, Willcocks E, Wrensford K, Yates W. Compendium of the 13th Annual March Mammal Madness Tournament 2025. *Proceedings of the Noble Zoological Society Series C Performance Sciences* 4:1–211. <https://hdl.handle.net/2286/R.2.N.203136>
- 2024 Hinde K, Amorim CEG, Anderson CN, Andreasen G, Armstrong E, Beasley M, Brokaw AF, Brubaker-Wittman L, Brunstrum J, Burt N, Casillas M, Chen A, Chestnut T, Coffman R, Connors PK, Costantini A, Dasari M, Dietrick J, Ditelberg CF, Drew J, Durgavich L, Easterling B, Faust K, Fogel A, Gabrys J, Haridy Y, Hecht I, Henning C, Hilborn A, Janz M, Josefson C, Karlsson EK, Kauffman L, Kissel J, Kissel M, Kobylecky J, Krell J, Lee DN, Lesciotto KM, Lewton KL, Light JE, Martin J, Moore R, Moreira LR, Murphy A, Murphy K, Nickley W, Núñez-de la Mora A, Pellicer O, Pellicer V, Perry AM, Popescu J, Rocha E, Rubio-Godoy M, Rudzis C, Sarma M, Schuttler SG, Sinnott M, Stone AC, Tanis B, Thacher A, Upham N, Varner J, Villanea F, Weber J, Wilson M, Willcocks E, Wrensford K, Yates W. Compendium of the 12th Annual March Mammal Madness Tournament 2024. *Proceedings of the Noble Zoological Society Series C Performance Sciences* 3:1–227. hdl.handle.net/2286/R.2.N.197060
- 2023 Hinde K, Amorim CEG, Anderson CN, Armstrong E, Beasley M, Brokaw AF, Brubaker-Wittman L, Brunstrum J, Burt N, Casillas M, Chen A, Chestnut T, Coffman R, Connors PK, Dasari M, Dietrick J, Ditelberg CF, Drew J, Durgavich L, Easterling B, Faust K, Gabrys J, Kissel Y, Kissel M, Kobylecky J, Krell J, Lee DN, Lesciotto KM, Lewton KL, Light JE, Martin J, Moore R, Murphy A, Murphy K, Nickley W, Núñez-de la Mora A, Pellicer O, Pellicer V, Perry AM, Popescu J, Rocha E, Rubio-Godoy M, Rudzis C, Sarma M, Schuttler SG, Sinnott M, Stone AC, Tanis B, Thacher A, Upham N, Varner J, Villanea F, Weber J, Wilson M, Willcocks E. Compendium of the 11th Annual March Mammal Madness Tournament 2023. *Proceedings of the Noble Zoological Society Series C Performance Sciences* 2:1–161. hdl.handle.net/2286/R.2.N.190066
- 2022 Hinde K, Amorim CEG, Anderson CN, Beasley M, Brokaw AF, Brubaker-Wittman L, Brunstrum J, Burt N, Casillas M, Chen A, Chestnut T, Coffman R, Connors PK, Dasari M, Dietrick J, Ditelberg CF, Drew J, Durgavich L, Easterling B, Faust K, Gabrys J, Haridy Y, Henning C, Hecht I, Hilborn A, Janz M, Karlsson EK, Kissel J, Kissel M, Kobylecky J, Krell J, Lee DN, Lesciotto KM, Lewton KL, Light JE, Martin J, Moore R, Murphy A, Nickley W, Núñez-de la Mora A, Pellicer O, Pellicer V, Perry AM, Rudzis C, Schuttler SG, Sinnott M, Stone AC, Tanis B, Upham N, Villanea F, Weber J, Wilson M, Willcocks E. Compendium of the 10th Annual March Mammal Madness Tournament 2022. *Proceedings of the Noble Zoological Society Series C Performance Sciences* 1:1–86. <https://hdl.handle.net/2286/R.2.N.183021>

- 2021 [Amorim CE](#), M Dasari, L Durgavich, Hinde K[#], Kissel M, Lewton KL, Loewen TN. Integrative Approaches to dispersing science: A case-study of March Mammal Madness. *Am J Hum Biol* S1:e23659.
- 2021 Hinde K[#], [Amorim CE](#), AF Brokaw, N Burt, M Casillas, A Chen, T Chestnut, PK Connors, M Dasari, CF Ditelberg, J Dietrick, J Drew, L Durgavich, B Easterling, C Henning, A Hilborn, EK Karlsson, M Kissel, J Kobylecky, J Krell, DN Lee, KM Lesciotto, KL Lewton, JE Light, J Martin, A Murphy, W Nickley, A Núñez-de la Mora, O Pellicer, V Pellicer, AM Perry, SG Schuttler, AC Stone, B Tanis, J Weber, M Wilson, E Willcocks, CN Anderson[#]. March Mammal Madness: The Power of Science as Narrative. *eLife* 10:e65066.
- 2020 Vai S, [Amorim CE](#), Lari M, Caramelli D. Kinship determination in archaeological contexts through DNA analysis. *Frontiers in Ecology and Evolution* 8:83.
- 2020 [Amorim CE](#), Tucci S. Let's stream! A beginners' guide to live-streaming scientific conferences. *Evolutionary Anthropology* 29: 90-93.

SELECTED PREPRINTS

- 2025 Bellafard H, Pelayo T, Aghopoo M, Sarhangnejad D, Gaft S, Werneck Zuccherato L, [Amorim CE](#), de Bellard ME. Purkinje cell development and degeneration in the spastic Han-Wistar rat model of ataxia. Pre-print available on *bioRxiv*, manuscript under review in *Scientific Reports*
- 2025 Lin M, Chakraborty S, [Amorim CE](#), Nigenda-Morales SF, Beichman AC, Nuñez-Valencia AG, Mah J, Robinson JA, Kyriazis CC, Huber CD, Webb AE, Kocher SD, Archer FI, Moreno-Estrada A, Wayne RK, Lohmueller KE. The distribution of fitness effects varies phylogenetically across animals. Pre-print available on *bioRxiv*, manuscript under review in *PLoS Biology*
- 2024 [Amorim CE](#), Di C, Lin M, Marsden C, Del Carpio CA, Mah JC, Robinson JA, Kim BY, Mooney JA, Cornejo OE, Lohmueller KE. Evolutionary consequences of domestication on the selective effects of new amino acid changing mutations in canids. Pre-print available on *bioRxiv*, manuscript under review in *Molecular Biology and Evolution*.
- 2022 Cruz-Dávalos DI, Arizmendi-Cárdenas YO, Bravo-Lopez MJ, Neuenschwander S, Reis S, Bastos MQR, Stenderup J, Yediay FE, Villa-Islas V, Reuna-Blanco CS, Rodrigues Carvalho C, Hünemeier T, Allentoft ME, [Amorim CE](#), Moreno-Mayar JV, Ávila-Arcos MC, Malaspina AS. Indigenous peoples in eastern Brazil: insights from 19th century genomes and metagenomes. Pre-print available on *bioRxiv*.

TEACHING

- BIOL101L General Biology, 24 students, Cal State Northridge (Spring 2025)
- BIOL551/L Computer Modeling in Biology, 17 students, Cal State Northridge (Fall 2024)
- BIOL655 Graduate Seminar in Evolution, Population Genetics, Cal State Northridge (Spring 2024)
- Workshop Population Genomics with Ancient DNA Data, 30h, Physalia Courses (Jan 2024)
- BIOL551/L Computer Modeling in Biology, 12 students, Cal State Northridge (Fall 2023)
- U-RISE Molecular Biology Bootcamp, 24h, Cal State Northridge (Summer 2023)
- BIOL360 Genetics, undergraduate level, 76 students, Cal State Northridge (Spring 2023)
- U-RISE Molecular Biology Bootcamp, 24h, Cal State Northridge (Summer 2022)
- Workshop Population Genomics with Ancient DNA Data, 30h, Physalia Courses (Spring 2022)

BIOL360 Genetics, undergraduate level, 130 students, Cal State Northridge (Spring 2022)
BIOL360 Genetics, undergraduate level, 120 students, Cal State Northridge (Fall 2021)
BIOL655 Graduate Seminar in Genetics, The Human Genome, Cal State Northridge (Fall 2021)

MENTORING

Postdoctoral

Flavio de Angelis, postdoctoral researcher, Cal State Northridge (2022-present)
Luciana Werneck Zuccherato, Cal State Northridge (2024-present)

Graduate

Damián Zepeda, Master's student, Cal State Northridge (2024-present)
Tanya Pelayo, Master's student, Cal State Northridge (2024-present)
David Villarreal, Master's student, Cal State Northridge (2024-present)
Chanel Jacobo, Master's student, Cal State Northridge (2023-present)
Caroline Solis, Master's student, Cal State Northridge (2022-2024)
Cameron Atighetchi, Master's student, Cal State Northridge (2022-2025)

Undergraduate

Sosse Minassian, Cal State Northridge (Fall 2023 - present)
Shirin Noori, Cal State Northridge (Fall 2023)
Kevin Bedrosian, Cal State Northridge (Fall 2023)
Omar Elfalahgi, Cal State Northridge (Fall 2023)
David Villarreal, Cal State Northridge (Spring 2023)
Cameron Atighetchi, Cal State Northridge (Spring 2022)
Sadie Armijo, Cal State Northridge (Spring 2022)
José Francisco Diesel, Columbia University, co-supervised w/ Molly Przeworski (Summer 2016)

INVITED TALKS

- 2025 *Temporal Dynamics of HLA Genes in South American Indigenous Peoples* – VXII Congreso de la Asociación Latinoamericana de Antropología Biológica, Cholula, Mexico, November 25
- 2025 *Ancient Genomes of South American Canids: Domestication, Evolution, and Extinction (plenary talk)* – XVII Jornadas Nacionales de Antropología Biológica, Chubut, Argentina, November 7
- 2024 *Unearthing Kinship: Reconstructing Family Histories with Insights from Ancient DNA* – Archaeological Institute of America Annual Meeting, Chicago, January 7
- 2023 *Using Genetics to Study the Evolution of Human Immunity and to Engage Students in Science*, Pacific Northwest Research Institute, Science Matters Series, December 13
- 2023 *How Past Pandemics Shaped the Evolution of the Human Immune System – Lessons from Ancient Genomes* – The STEM Village Immunology Seminar Series, Dec. 11
- 2023 *How Ancient Epidemics Shaped the Evolution of the Human Immune System* – Center for Evolution and Medicine, Arizona State University, November 30
- 2023 *SMBE IDEA Taskforce: Achievements and Future Plans for Inclusion, Diversity, Equity, and Access* – Annual Meeting of the Society for Molecular Biology and Evolution, July 26

- 2022 *Reconstructing Biological Kinship in Medieval Europe with Ancient DNA* – 15th Archaeological Conference of Central Germany, Halle (Saale), October 6
- 2022 *An Evolutionary Perspective on Human Disease and Adaptation* – The Broad Institute LatinX/Shades Speaker Series, June 14
- 2022 *Shifting Selection Coefficients Between Species, Populations, and Time* – Department of Evolution, Ecology, and Organismal Biology, UC Riverside, April 21
- 2021 *Paleogenomic Insights into Human History and Adaptation* – Center for Evolution and Medicine, Arizona State University, March 4
- 2019 *Migration and Social Organization in Medieval Europe: an Interdisciplinary Approach* – University of California, Santa Barbara, March 1
- 2018 *Migration and Social Organization in Medieval Europe: an Interdisciplinary Approach* – California State University, Dominguez Hills, November 9
- 2018 *Migration and Social Organization in Medieval Europe: an Interdisciplinary Approach* – Center for Behavior, Evolution, and Culture, UCLA, October 22
- 2018 *An Unsteady Molecular Clock in Primates* – Kyoto University, Primate Research Institute, Nagoya, Japan, July 3
- 2017 *Approaching Migration and Demography in Medieval Europe Through Genomics* – Fundação Calouste Gulbenkian, Lisbon, Portugal, December 14
- 2017 *Applying Genomics to the Migration Period* – Eberhard Karls Universität, Tübingen, Germany, July 20

CONFERENCE ACTIVITY

Contributed talks (past 5 years)

- 2024 *The genetic history of Roman Dacia*, American Association of Biological Anthropologists, Los Angeles, CA, USA, March 20-23
- 2024 *The impact of domestication on the selective effects of mutations in the canid genome*, Plant & Animal Genome Conference, San Diego, CA, USA, January 12-17
- 2024 *Evolutionary Signatures of Host-Pathogen Interactions through the Lens of Paleogenomics*, The Allied Genetics Conference, Washington DC, USA, March 6-10, 2024
- 2022 *Evolutionary consequences of domestication on the selective effect of new mutations in canids*, Population, Evolutionary, and Quantitative Genetics Conference, Pacific Grove, CA, USA, June 7-11

Panels organized

- 2025 *Advancing Inclusion, Diversity, Equity, and Accessibility in Molecular Biology and Evolution*, w/ Epifanía Arango-Isaza, Beijing, China, July 20-25
- 2023 *American first routes: An interdisciplinary view*, w/ Tábita Hünemeier, American Association of Biological Anthropologists, Reno, NV, USA, April 19-22
- 2021 *Medical and evolutionary insights into human resistance against pathogens*, ASHG/ESHG Building Bridges Session, w/ Tábita Hünemeier, American Society of Human Genetics, virtual annual meeting, October 18-22

- 2021 *Characterizing natural selection and uncovering the genetic basis of complex traits with ancient DNA and time-series data*, w/ Anna-Sapfo Malaspinas, Society for Molecular Biology and Evolution, virtual annual meeting, July 4-8
- 2020 *Underrepresented populations in genomics*, w/ Tábita Hünemeier, American Society of Human Genetics, virtual annual meeting, October 27-31
- 2020 *Thriving at miles high – Studying high altitude adaptation around the globe*, w/ Xinjun Zhang, American Association of Physical Anthropologists, Los Angeles, CA, USA, April 15-18
- 2019 *Deciphering the Denisovans*, w/ Serena Tucci, American Association of Physical Anthropologists, Cleveland, TX, USA, March 27-30

Program Committee member

- 2023 American Association of Biological Anthropologists, Reno, NV, April 19-22.
- 2022 American Association of Biological Anthropologists, Denver, CO, March 23-26.
- 2021 American Association of Physical Anthropologists. Genetics and Genomics section Chair. Online conference. April 19-22.
- 2020 American Association of Physical Anthropologists, Los Angeles, CA, April 15-18.
- 2019 American Association of Physical Anthropologists, Cleveland, TX, March 27-30.

AWARDS & HONORS

- 2022 *All of Us* Underrepresented Biomedical Scholar (Evenings with Genetics, Baylor College of Medicine)
- 2021 Full Member Sigma Xi
- 2021 Human Genetics Scholar Initiative Award, American Society of Human Genetics
- 2021 Genetics Society of America Presidential Membership Award
- 2018 Outstanding Trainee Presentation Award, American Association of Anthropological Genetics
- 2016 Postdoctoral Fellow, Science Without Borders, CNPq (Brazil), Columbia University
- 2014 Postdoctoral Fellow, Science Without Borders, CAPES Foundation (Brazil), Columbia University
- 2014 Postdoctoral Fellow, Fundação Lemann (Brazil), Columbia University
- 2012 Science Without Borders Fellow, CNPq (Brazil), visiting student, University of Bern

PROFESSIONAL DEVELOPMENT

- 2023 Transforming STEM Teaching, Cal State Northridge (60 hrs.)
- 2022 All of Us/NIH, Underrepresented Biomedical Researcher Faculty Summit, Baylor College of Medicine (30 hrs.)
- 2021 Transformative Teaching, Cal State Northridge (18 hrs.)

UNIVERSITY & COMMUNITY SERVICE

Manuscript reviewer for *Science*, *PNAS*, *Current Biology*, *eLife*, *Genome Biology and Evolution*, *Molecular Biology and Evolution*, and *Journal of Archaeological Science* among others.

Member, Review Panel, Division of Environmental Biology, Evolutionary Processes Cluster, National Science Foundation, 2025

Member, Review Panel, Division for Integrative Organismal Systems, Enabling Discovery through GENomics (EDGE) Program, National Science Foundation, 2024

Member, Classroom Technology Committee, Cal State University, 2023-2025

Member, Review Panel, Wenner-Gren Foundation, 2022-2023

Member, Digital Learning Committee, American Association of Human Genetics, 2023-2025

Outreach Committee, Chair, American Association of Anthropological Genetics, 2022-2024

Member, SMBE Inclusion, Diversity, Equity, and Access (IDEA) Taskforce, 2022-present

Member, Equity & Inclusion Committee, Genetics Society of America, 2022-2023

Ad hoc grant reviewer, The Leakey Foundation, 2021

Ad hoc grant reviewer, National Science Centre, Poland, 2020

Collaborator, March Mammal Madness, 2019-present. *March Mammal Madness* is a science outreach and educational project that, over the course of several weeks in March, reaches hundreds of thousands of people in the United States every year. DOI: 10.7554/eLife.65066

Webinar chair, *The evolution and history of human diseases: from the archaic hominins to the Black Death and Sars-Cov-2*, American Association of Physical Anthropologists, August 24, 2020

Webinar co-chair (w/ Marc Kissel), *Tips & Tricks for Remote Teaching in Biological Anthropology*, American Association of Physical Anthropologists, June 22, 2020

PROFESSIONAL MEMBERSHIPS

American Association of Biological Anthropologists 2011-present

Society for Molecular Biology and Evolution, 2015-present

American Association of Anthropological Geneticists, 2018-present

American Society for Human Genetics, 2020-present

Genetics Society of America (Awarded Presidential Member 2021), 2021-present

GRADUATE COMMITTEES

MSc Committee member for:

Dianna Dzheyryanyan, Biology, Cal State Northridge, 2023-2024

Serena Hernandez, Biology, Cal State Northridge, 2023-present

Vanessa Salazar, Biology, Cal State Northridge, 2023-2025

Cynthia Petrossian, Biology, Cal State Northridge, 2022-2023

Michelle Bonilla, Biology, Cal State Northridge, 2021-2023

PhD Committee member for:

Sarah Unkel, Anthropology, University of Kansas, 2021-present

Maxine McCarty, Evolutionary Biology, Arizona State University, 2023-present

PhD Evaluation Committee member for:

Marla Mendes, Genetics, Federal University of Minas Gerais, 2022

Cainã Max Couto-Silva, Genetics, University of São Paulo, 2021

Carolina Carvalho Gontijo, Genetics, University of Brasília, 2020