

CURRICULUM VITAE, JUNE 2021

Dr. Karl J. Reinhard

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RESEARCH PRODUCTIVITY SCORES

H-index: **37-44** w/ 5,286 citations (ResearchGate), **35** w/ 3,288 citations (Scopus), **35** w/ 2,834 citations (Web of Science), **40** w/ 3,932 citations (Mendeley)

Expected H-Index for scholars of my career demographic is 30.

SUMMARY OF CAREER THEMES

International, integrated teaching and research has been my main career commitment. I have a consistent record of success in funding from the **Fulbright Commission** and other agencies.

1) **Archaeoparasitology** has been my central theme. In 1981, I began tracing the prehistory and history of parasitism in the Americas from archaeological remains. Decades of my research defined the roles of diet, agriculture and urbanization on the emergence and control of infection. I elucidated the epidemiology of select species and defined a quantitatively rigorous science.

2) **Paleoethnobotany and gut microbiome** work developed from my analysis of dietary residues. Since 1981, I have collected dietary observations from Southwestern USA and northern Mexico sites. These data reveal 9,000 years of dietary development. With this database, I am exploring the relation of diet to the evolution of non-insulin-dependent diabetes mellitus. Since 2017, I have expanded research into gut microbiome applications.

3) **Sambaqui** (Brazilian shell mound) subsistence and paleopathology was a focus between 1997 and 2015. I guided the innovation of starch and pollen analysis from dental calculus. I also coauthored articles on paleopathology and Paleoamerican occupations.

4) **Andean paleoethnobotany and dietary reconstruction** focuses on the analysis of dietary residue and coprolites from mummies and open sites. This work involves ethnobotanical and archaeological study of Andean plant foods. I initiated this work in 1990 primarily with cultures of southern Peru and northern Chile.

5) **Forensic science** was a teaching/outreach focus of my work between 1989 and 2013. I consulted in anthropological, radiological, palynological and botanical investigation for Nebraska law enforcement. I taught these topics in Nigeria, Peru and Brazil. As a founding member UNL Forensic Sciences, I developed courses and helped design the program.

6) **Innovation of methods** and/or applications has long been a focus of my work. I developed many of the standard lab and field methods now applied in palynology, archaeoparasitology, coprolite analysis, mummy analysis, dental calculus and paleoethnobotany. I was an innovator in the application of ICP-Mass Spec and 3-D CT-scan reconstruction. I also pioneered recovery methods of microresidues from cemetery sediments and artifacts.

7) **Mummy studies** has been integrated in of most of the areas listed above. I have experience in non-invasive autopsy, CT-scanning, parasitology, conservation and other perspectives.

EDUCATION AND EMPLOYMENT OVERVIEW

Ph.D. Environmental Archaeology w/ Vaughn Bryant, Gentry Steele, & Tom Craig (1988) Texas A&M University including six courses in parasitology and a veterinary parasitology practicum. Dissertation: *Diet, Parasitism, and Anemia in the Prehistoric Southwest*,

M.S. Ecology and Evolution w/ Richard Hevly & Peter Price (1985) Northern Arizona University. Thesis: *Cultural Ecology of Ancient Parasitism*.

B.A. Anthropology (1977) Department of Anthropology, University of Arizona. Undergrad published research project – *Prehistoric Cremations from Nogales, Arizona*.

MAIN PROFESSIONAL SOCIETIES

Life Memberships: Fulbright Association, Fulbright Academy of Science and Technology

Permanent Memberships: Amer Assoc Adv Sci, Amer Assoc Stratigraphic Palynologists

MAJOR APPOINTMENTS

- School of Natural Resources, University of Nebraska – Lincoln, Professor of Environmental Archaeology, 1999 - present.
- Brazilian National School of Public Health, Oswaldo Cruz Foundation, Research Professor, 1997-2015.
- Department of Anthropology University of Nebraska – Lincoln, Associate Professor 1994-1999, Assistant Professor 1989-1994.
- Other UNL appointments: 1) Senior Research Fellow, Manter Laboratory of Parasitology, 2) Museum Studies Program 1990-2003, 3) School of Biological Sciences, Graduate Faculty 1989-present.
- Texas A&M Appointments - Biology TA 1984-1988, Anthropology Lecturer 1988-1989.
- BIA ANCSA Physical Anthropologist/Archaeologist, Nunivak Island Alaska 1986.
- Department of Biosciences, Northern Arizona University, Teaching Assistant 1982-1984.
- USGS National Petroleum Reserve, NPR-A Alaska, field archaeologist 1980-1981.
- Arizona State Museum, Archaeological Field School Assistant Director 1977-1979.
- National Park Service Archaeologist, Glen Canyon, field archaeologist and ceramics analyst 1977.
- Salmon Ruins Excavation/Rio Puerco Survey, field archaeologist and ceramics analyst 1975-1977.
- Arizona State Museum Archaeologist 1974-1979, archaeologist and ceramics analyst.

SIGNIFICANT GRANTS (TOTAL \$500,000+)

Abbreviations: CAPES = Brazil's Coordination for the Improvement of Higher Education, CNPq = Brazil's National Council of Technological and Scientific Development, CSF = Brazil's Science without Borders, CAPEMAT = Mato Grosso do Sul state Research Foundation, FAPERJ = Rio de Janeiro State Research Foundation, FAPESP = São Paulo State Research Foundation UCARE = UNL Undergraduate Creative Activities and Research Experiences

Cooperative Research Grants Supporting Joint Research with Brazilian Institutions

- **CNPq:** 2018-2019 Estudo de Artrópodes em Material Arqueológico dos Estados Unidos e Sul-Americanas, (Insect Parasite Archaeological Evidence) research grant for Elisa Pucu de Araujo.
- **CAPEMAT:** 2017 Avaliação Morfológica de Amostras de Grãos de Pólen Provenientes de uma Região de Cerrado (Cerrado Pollen Morphology) research grant for Ariadne Barbosa Gonçalves.
- **FAPERJ** 2016-2017 Patoecologia da enterobiase em populações ancestrais de Pueblo dos Estados Unidos da América research grant supporting visiting researcher Morgana Camacho.
- **CSF:** 2015-2016, research grant supporting postdoc Isabel Teixeira-Santos.
- **CAPES/FAPERJ/CNPq:** 2005-2006, 2006-2007, 2014-2015, research grants supporting Ph.D. candidates Célia Boyadjian, Verônica Wesolowski, Isabel Teixeira-Santos, respectively.
- **CSF:** 2012-2015, Paleoepidemiological transitions in parasitology.
- **FULBRIGHT/NSF:** 2007, Origin of Andean agriculture, Chico Norte, Perú.
- **FAPERJ/CAPES** 2007-08, Origin of spread of parasites in prehistoric Brazil.
- **CAPES:** 2006 grant supporting visiting researcher Aauto Araujo.
- **FULBRIGHT/FAPESP:** 2005, Archaeobotany and palynology in Brazil.
- **CAPES:** 2002 research grant supporting postdoc Aauto Araujo.
- **FULBRIGHT/CAPES:** 2001-02, Brazilian-based study of Andean prehistoric parasitism.
- **CNPq:** 1997-98, Emergence and spread of parasitism in the prehistoric Andes.
- **NEH:** 1994-95, Learning from the Ancestors, analysis of Omaha Tribe of Nebraska remains.
- **NSF-REU** 1991-93, Stable carbon isotopic analysis of diet and environment, Perú.
- **NSF:** 1990, Mummy analysis and excavations in southern Perú.
- **NEH:** 1977-79: Archaeology of the Tucson Basin.

OTHER GRANTS

- **Chilean Research Council:** 1996, Archaeobotany and parasitology research, Chile.
- **UNL Facilities Enhancement Grant:** 1996, Palynology laboratory development.
- **Great Plains Studies:** 1992 Dietary analysis of the Omaha Tribe of Nebraska.
- **NU Foundation:** 1991, Paleoecology Lab in the University of Nebraska State Museum. • **NSF:** 1990, Mummy analysis and excavations in southern Perú.
- **NEH:** 1977-79: Archaeology of the Tucson Basin.
- **UCARE:** 1) Lithuanian Historic Parasitism; 2) Atacama Archaic Subsistence; 3) Sicilian Mummy Analysis; 4) Analysis of the Pachacamac Cemetery; 5) Prehistoric dental wear, México.

TITLES AND AWARDS

2019-2021 Honorary Member, Advisory Board, Asia Pacific Paleopathology Forum
 2018-2019 Member, International Advisory Board for the Korea-Japan Paleopathology Forum.
 2017 Awardee, Life-Long Mentoring Award, Paleopathology Association.
 2009 Medalist, Kappa Delta Pi International Education Honor Society.
 2009 Visiting Professor, Lagos State University College of Medicine.
 2007 Fulbright Visiting Professor, Universidad Peruana Cayetano Heredia, Lima, Peru.
 2006-08 Founding Board Member, Fulbright Academy of Science and Technology.
 2004-2009 Fulbright Commission, Senior Specialist, Archaeological Botany, US Dept. State.
 2004 Vice President, Paleopathology Association.
 2000 Member at large, Paleopathology Association.

TITLES AND AWARDS SPECIFIC TO BRAZIL

2015 Special Visiting Researcher (Pesquisador Visitante Especial), funded by CAPES to the Brazilian National School of Public Health, Escola Nacional de Saúde Pública, Fundação Oswaldo Cruz (ENSP/FIOCRUZ).
 2014 Special Visiting Researcher CAPES/ENSP/FIOCRUZ.
 2013 Special Visiting Researcher CAPES/ENSP/FIOCRUZ.
 2012 Jabuti Award, First Place in Natural Sciences from the Brazilian Council of Books for *Fundamentos da Paleoparasitologia* shared with Luiz Fernando Ferriera and Adauto Arraújo. (Prêmio Jabuti, Primeiro lugar na categoria Ciências Naturais, Câmara Brasileira do Livro).
 2012 Special Visiting Researcher CAPES/ENSP/FIOCRUZ.
 2007-08 Foreign Visiting Professor (Professor Visitante Estrangeiro) CAPES/ENSP/FIOCRUZ.
 2006 Visiting Professor (Professor Visitante) CNPq/ENSP/FIOCRUZ .
 2005 Fulbright Visiting Professor, Universidade de São Paulo.
 2001 Fulbright Scholar/Researcher to Brazil, Fulbright Commission, USA Department of State, various Oswaldo Cruz Foundation (FIOCRUZ) - affiliated campuses across Brazil.
 1997 Visiting Researcher, CNPq/ENSP/FIOCRUZ.

SERVICE TO STATE AND UNIVERSITY

NATIVE AMERICAN SERVICE

As a condition of my hire in Fall, 1989, worked on Omaha Tribe remains under the direction of the University of Nebraska State Museum (UNSM) director and the Vice Chancellor for Research. I finished this commitment in 1993. The key accomplishments of this work were:

- Establishing security and control of university collections by Spring 1990
- Locating and inventorying all Omaha Tribe human remains on UNL campuses
- Assessing the destruction of the collections between 1960 and 1988
- Providing background for the administration on the history and university treatment of human remains.
- Directing analyses as requested by the Tribal Council
- Presenting analysis results to Tribal Council, elders and schools
- Completing interviews with journalists for Chronicle of Higher Education, New York Times, and the Office of the Vice Chancellor for Research produced *Horizons* magazine
- Providing scientific information and advice for administration meetings with the Omaha Tribal Council
- Providing scientific information to tribal health officials to help with modern diabetes control advising
- Liaising with the Omaha Tribal Historian to provide biweekly assessments of progress
- Assembling data on artifact inventory derived from archaeology colleagues
- Preparing final checks on reassociated individual skeletons for reburial in the 1991 Fall semester
- Preparation of grant proposals for federal funding to establish a NAGPRA compliance team within the UNSM
- Advising the Omaha Tribal Historian on efforts to establish a reservation museum
- An NEH proposal was funded in 1993 such that I could leave this responsibility having established protocol and staffing for university repatriation efforts

FORENSIC SCIENCE SERVICE

From 1991 through 2011, I worked with investigative agencies such as the State Patrol, Lincoln Police, Lancaster County Sherriff, various county attorneys and the State General Attorney and with the medico-legal community. During these years I assisted with approximately three cases per year as well as carried out assessment of procedures.

Chain. The key accomplishments of this work were:

- Established security and chain of evidence procedures for university human remains
- Established of training and advising for the State Crime Lab, 1993-1999
- Assessed the success of the Nebraska Coroner's Physician system
- Assessed the effectiveness of suicide prevention in Nebraska corrections facilities
- Major cases included investigation of homicides, suicides, natural deaths complicated by dismemberment, redeposition of corpses, burning of corpses and passage of time between death and discovery using standard anthropological methods as well as pollen analysis
- Provided first Daubert Standard testimony on palynology and taphonomy

SERVICE				
Association	Member	Officer	Editor	Reviewer
Regional				
Rocky Mountain Conference of Parasitologists	X	X		
Southwestern Association of Parasitologists	X	X		
Plains Anthropological Society	X			X
Chacoan Archaeology Working Conference	X			
Society for Historical Archaeology	X			X
National/International				
Paleopathology Association	X	X	X	X
American Society of Parasitologists	X		X	X
Mummy Congress	X	X		
Paleopathology Association in South America	X	X		
Fulbright Academy of Science and Technology	X	X		
Fulbright Association	X			
Amer. Assoc. of Physical Anthropologists	X			X
Society for American Archaeology	X			X
American Anthropological Association	X			X
Amer. Assoc. of Stratigraphic Palynologists	X			
Society for Ethnobiology	X			

SERVICE TO COLLEGE AND DEPARTMENT

Departmental Committees			
School of Natural Resources		Anthropology	
2006-10	Faculty Advisory	1994	Search
2000-04, 2013-17	Promotion and Tenure	1990-94	Curriculum
2001-04, 2020-22	Graduate	1990-96	Graduate
2001-06	Social		
2006-10	Safety		
2012-16	Extension		
2000-02	Website		
College/Institute CASNR		College Arts and Sciences	
2012	Forensic Science Director Search	1990-92	Environmental Studies launch
2009	Forensic Science Faculty Search	1989-95	Museum Studies Program design
2006-12	Forensic Sci. curriculum design		
2006-2007	Forensic Sci. program launch		
University Wide			
1992-94	Chancellor's Safety Committee		

INTERNATIONAL ACADEMIC EXPERIENCE

From 1997 through 2019, my major efforts were devoted to developing collaboration with Brazilian institutions to further areas of science. I was assigned several positions with differing levels of status and funding. A summary of this work is presented below.

TABULATED HISTORY OF BRAZILIAN EXCHANGE PROGRAM		
Brazilian Exchange Partnerships		
FUNDING AGENCIES - CAPES = Agency for the Improvement of Higher Education, CNPq = National Council of Technological and Scientific Support, CSF = Brazilian Science without Borders Program, FAPERJ = Research Foundation for Rio de Janeiro, FAPESP = Research Foundation for São Paulo State, Fulbright = Fulbright Commission, USA State Department. FAPEMAT = Research Foundation for Mato Grosso do Sul state. HOST AGENCIES – ENSP-FIOCRUZ = Brazilian National School of Public Health, Oswaldo Cruz Foundation. USP = University of São Paulo.		
Long Duration Grants, 1-6 months		
Academic Year(s)	Reinhard Hosted by Brazilian Agencies (total 38 months) Sponsors/ Granting Agency/ Duration in months/Key Goal	Brazilian Scholars Hosted by Reinhard at UNL (66 total months) Name/Granting Agency/Field/Duration in months/ Key Goal
2018-2019		Doctoral Candidate Elisa Pucu de Araújo/CNPq/9/ molecular parasitology
2017-2018		Doctoral Candidate Ariadne Barbosa Gonçalves/FAPEMAT/5/ forensic palynology
2016-2017		Doctoral Candidate Morgana Camacho/FAPERJ/8/ paleoepidemiology
2015-2016		Post Doc Isabel Teixeira-Santos/CSF/6/ paleoepidemiology
2014-2015	ENSP-FIOCRUZ/ CSF/4/ North American parasitism and diet	Post Doc Isabel Teixeira-Santos/CAPES/6/ paleoepidemiology
2013-2014	ENSP-FIOCRUZ/ CSF/4/ Analysis of diverse Brazilian sites	Doctoral Candidate Isabel Teixeira-Santos/ CAPES/6/ paleoepidemiology
2012-2013	ENSP-FIOCRUZ/ CSF/4/ Prehistory of Chagas Disease in North America	Doctoral Candidate Marina Amaral/ Scientific Police, São Paulo State/5/ palynology
2009-2010		Visiting Scholar Adauto Araújo/CNPq/3/ parasitology
2009-2010		Visiting Scholar Sheila Mendonça de Souza/CNPq/1/ paleopathology
2007-2008		Doctoral Candidate Célia C. Boyadjian/ CAPES/7/archaeobotany
2007-2008	ENSP-FIOCRUZ/CNPq/6/ Parasitism of humans and companion animals	
2005	ENSP-FIOCRUZ/ CAPES /1/ Conference co-organizer	
2005-2006	USP/PV/Fulbright&FAPESP/1/ Diet and pathology of Paleoamericans	
2004-2005		Doctoral Candidate Verônica Wesolowski/CAPES/6/archaeobotany

2003-2004	ENSP-FIOCRUZ/ CNPq/1/ Molecular diagnosis of parasitism	
2002-2003		Visiting Scholar Adauto Araújo/CNPq/4/ parasitology
2001-2002	ENSP-FIOCRUZ/ Fulbright /6/ Origins of Chagas disease	
1998-1999	ENSP-FIOCRUZ/ CNPq/1/1997-98 results presented at conferences	
1997-1998	ENSP-FIOCRUZ/ PV/ CNPq/6/ Analysis of 420 Andean Samples	

Brazilian Exchange Program Short Duration Collaboration of 1-3 weeks		
Years	Main Research and Teaching Topic	Host Agency
2013-2015	Paleoepidemiology	ENSP/FIOCRUZ
2003-2015	Paleoepidemiology of Chagas Disease	ENSP/FIOCRUZ
2002-2015	Origins of Chagas Disease	ENSP/FIOCRUZ
2002-2015	Dental Studies and Paleonutrition	ENSP/FIOCRUZ
Universities that Hosted my Classes, Seminars, Workshops or Colloquia		
Federal Universities in the states of Rio de Janeiro, Piauí, Mato Grosso do Sul, Rio Grande do Sul, Santa Catarina, Pará, Pernambuco, and Bahia. Private universities in the states of São Paulo, Rio de Janeiro, and Rio Grande do Sul. FIOCRUZ campuses in Rio de Janeiro and Manaus.		

ESSENTIAL RESEARCHER STATUS (PESQUISADOR INTEGRANTE)

Brazilian National School of Public Health, (ENSP/FIOCRUZ) Projects

- 2012-2015 Transições Paleoepidemiológicas em Parasitologia: Entendendo a Variação do Parasitismo do Período Neolítico ao Período Industrial. (Paleoepidemiological transitions in parasitology: Understanding parasitism variation from the Neolithic to Industrial Periods).
- 2003-2008, Paleoepidemiologia da Doença de Chagas (Paleoepidemiology of Chagas Disease),
- 2002-2003, Paleoparasitologia: suas possibilidades em Doença de Chagas (Paleoparasitology: its possible applications to Chagas Disease).
- 2002-2005, Estudos Dentários e de Paleonutrição: Microresíduos em Cálculos Dentários, Dieta e Impacto sobre a Saúde Oral, (Dietary Studies and Paleonutrition: Microresidues in Dental Calculus Applied to Oral Health) ENSP/FIOCRUZ and the Universidade de São Paulo.

PUBLICATION ACTIVITIES

Books:	4 co-authored
Articles:	214 scientific papers including: 151 peer-reviewed journal articles 24 significant invited contribution articles 39 other chapters and proceedings
Editorships:	2020 Parasitology Section Editor, <i>The Handbook of Mummy Studies: New Frontiers in Scientific and Cultural Perspectives</i> 2006 <i>Paleopathology</i> , Memórias do Instituto Oswaldo Cruz volume 101 2003 <i>Paleoparasitology</i> , Memórias do Instituto Oswaldo Cruz volume 98
Technical Reports	12 chapters or appendices 3 co-authored volumes
Presentations:	Over 100 invited presentations, symposia, and seminars

PUBLICATION ACTIVITIES – BOOKS

Ferreira LF, Araujo A, Reinhard KJ (2014) *Foundations of Paleoparasitology*, Editora Fiocruz, Fundação Oswaldo Cruz.

Ferreira LF, Araujo A, Reinhard KJ (2011) *Fundamentos da Paleoparasitologia*, Editora Fiocruz, Fundação Oswaldo Cruz.

Ferreira LF, Araujo A, Reinhard KJ (2008) *Paleoparasitologia*. Temas em Saúde, Fundação Oswaldo Cruz, Rio de Janeiro.

Gregonis L, Reinhard KJ (1979) *Hohokam Indians of the Tucson Basin*. University of Arizona Press, Tucson. (Fourth printing in 1988 and published on-line in 1997).

PUBLICATION ACTIVITIES - PEER-REVIEWED ARTICLES

(*) indicates Reinhard as corresponding author, **names in bold** signify student advisees.

151. Wibowo M. et al., (2021) Reconstruction of ancient microbial genomes from the human gut. *Nature* 594:234–239.

150. Reinhard K, Fujita H, Shin DH (2021) 古寄生虫学 (Archaeoparasitology). 考古学ジャーナル (Journal of Archaeology) (in press).

Archaeoparasitology archaeology journal

149. Rollins A, Krupa K, Millward G, Piombino-Mascoli D, Reinhard K, Kaestle F (2021) Molecular identification of parasites in an intestinal coprolite from a mummified religious dignitary of the Piraino Mother Church crypt, Sicily. *Journal of Archaeological Science: Reports*. DOI <https://doi.org/10.1016/j.jasrep.2021.103022>

148. * Reinhard KJ, **Camacho M**, **Teixeira-Santos I**, Avery WA, Arriaza B, Buikstra J (2021) Paleoepidemiology of Diphyllbothriasis: Culture and Environmental Factors Affecting Intensity and Prevalence. *Journal of Parasitology* (accepted).

147. Romera-Barbera A, Hertzfel D, Reinhard KJ (2020) Attempting to Simplify Methods in Parasitology of Archaeological Sediments: an Examination of Taphonomic Aspects. *Journal of Archaeological Science Reports* 33: 102522 <https://doi.org/10.1016/j.jasrep.2020.102522>.

146. * Reinhard KJ, Pucu de Araújo E, Searcey NA, Buikstra J, Morrow JJ (2020) Automontage Microscopy and SEM: A Combined Approach for Documenting Ancient Lice. *Micron* doi: 10.1016/j.micron.2020.102931. Epub 2020 Aug 23.

145. Borry, M., Cordova, B., Perri, A., Wibowo, M.C., Honap, T., Ko, W.T.J., Yu, J., Britton, K., Flink, L.G., Power, R.C. and Stuijts, I. (2019) CoproID predicts the source of coprolites and paleofeces using microbiome composition and host DNA content. *Peer J bioRxiv*, p.871533.
144. Hagan RW, Hofman CA, Hübner A, Reinhard K, ... (2019) Comparison of extraction methods for recovering ancient microbial DNA from paleofeces. *American Journal of Physical Anthropology* <https://doi.org/10.1002/ajpa.23978>
143. **Pucu de Araujo E**, Russ J, Reinhard KJ (2020) Diet analysis reveals pre-historic meals among the Loma San Gabriel at La Cueva de Los Muertos Chiquitos, Rio Zape, Mexico (600–800 CE) *Archaeological and Anthropological Sciences* 12:25 DOI:10.1007/s12520-019-00950-0).
142. **Camacho M**, Reinhard KJ (2020) Pinworm research in the Southwest USA: five decades of methodological and theoretical development and the epidemiological approach. *Archaeological and Anthropological Sciences* 12:63 DOI: 10.1007/s12520-019-00994-2
141. **Camacho M**, Reinhard KJ (2019) Confusing a pollen grain with a parasite egg: an appraisal of “Paleoparasitological evidence of pinworm (*Enterobius vermicularis*) infection in a female adolescent residing in ancient Tehran”. *Korean Journal of Parasitology* 57:621-626.
140. * Reinhard KJ, **Camacho M** (2019) Pinworm infection in Salmon Ruins and Aztec Ruins: relation to Pueblo III regional violence. *Korean Journal of Parasitology* 57:627-634.
139. * Reinhard KJ, **Camacho M**, **Geyer B**, **Hayek S**, **Horn C**, **Otterson K**, Russ J (2019) Imaging Coprolite Taphonomy and Preservation. *Archaeological and Anthropological Sciences* 11:6017–6035.
138. Tett A, Huang KD, Asnicar F, Fehlner-Peach H, Pasolli E, Karcher N, Armanini F, Manghi P, Bonham K, Zolfo M, De Filippis F, Magnabosco C, Bonneau R, Lusingu J, Amuasi J, Reinhard K, ... (2019) The *Prevotella copri* complex comprises four distinct clades that are underrepresented in Westernised populations. *Cell Host & Microbe* 26: 666-679. <https://doi.org/10.1016/j.chom.2019.08.018>
137. Verostick KA, Teixeira-Santos I, Bryant VM, Reinhard KJ (2019) The Skiles Mummy: care of a debilitated hunter-gatherer evidenced by coprolite studies and stable isotopic analysis of hair. *International Journal of Paleopathology* 25:82-90
136. **Camacho M**, Iniguez A, Reinhard KJ (2018) Taphonomic considerations on pinworm prevalence in three Ancestral Puebloan latrines. *Journal of Archaeological Science: Reports* 20:791-798.
135. * Reinhard KJ, **Adams B**, Higley L, **Lynch K**, **Larsen A**, Amaral M, Russ J, Zhou Y, Lippi D, Morrow JJ, Piombino-Mascalì D (2018). Pollen Evidence of Medicine from an Embalming Jar Associated with Vittoria della Rovere, Florence, Italy. *Journal of Archaeological Science: Reports* 21: 238-242.
134. * **Camacho M**, Araujo A, **Morrow JJ**, Reinhard KJ (2018) Recovering Parasites from Mummies and Coprolites: Establishing an Epidemiological Approach. *Parasites & Vectors*. 11:248, <https://doi.org/10.1186/s13071-018-2729-4>.
133. Slepchenko S, Reinhard K (2018) Paleoparasitology and Pathoecology in Russia: Investigations and Perspectives. *International Journal of Paleopathology*, 22:39–44.
132. **Paseka R**, Heitman C, Reinhard KJ (2018) New evidence of ancient parasitism among Late Archaic and Ancestral Puebloan residents of Chaco Canyon. *Journal of Archaeological Science Reports*, 18:51–58.

131. **Morrow JJ**, Reinhard KJ (2018) The Paleoepidemiology of *Enterobius vermicularis* (Nemata: Oxyuridae) among the Loma San Gabriel at La Cueva de los Muertos Chiquitos (600-800CE), Rio Zape Valley, Durango, Mexico. *Comparative Parasitology*, 85:27-33
130. Obafunwa JO, Hammerl E, Jaskierny D, **Taylor L**, Russell L, Reinhard K (2018) Autologous bone flap resorption years after subtemporal craniotomy. *Forensic Medicine and Pathology*, 39:87-97.
129. **Morrow JJ**, **Taylor L**, **Peck L**, Elowsky C, Harvey M, Owens LS, Eeckhout P, Reinhard KJ (2018) Pseudoscorpions of the family Cheiridiidae (Arachnida, Pseudoscorpionida) recovered from burial sediments at Pachacamac (500-1,500CE), Perú. *Journal of Arachnology* 45:370–375.
128. * Reinhard KJ (2017) Reestablishing rigor in archaeological parasitology. *International Journal of Paleopathology*, 19:124-134.
127. * Reinhard KJ, Milanello do Amaral M, Wall N (2017) Palynological Investigation of Mummified Human Remains. *Journal of Forensic Sciences*, 63:244–250.
126. Kim MJ, Seo M, Oh CS, Chai JY, Lee J, Kim GJ, Ma WY, Choi SJ, Reinhard K, Araujo A, Shin DH. 2016. Paleoparasitological study on the soil sediment samples from archaeological sites of ancient Silla Kingdom in Korean peninsula. *Quaternary International* 405:80-86.
125. **Morrow JJ**, **Myhra A**, Piombino-Mascalì D, Roe A, Higley L, Reinhard KJ (2016) Archaeoentomological and Archaeoacarological Investigations of Embalming Jar Contents from the Saint Lorenzo Basilica in Florence, Italy. *Journal of Archaeological Science Reports* 10: 166–171.
124. * Reinhard KJ, Araújo A, **Morrow JJ** (2016) Temporal and Spatial Distribution of *Enterobius vermicularis* (Nemata: Oxyuridae) in the Prehistoric Americas. *Korean Journal of Parasitology* 5: 591-603.
123. * Reinhard KJ, Araújo A (2016) Prehistoric pathoecology as represented by parasites of a mummy from the Peruaçu Valley, Brazil. *Korean Journal of Parasitology* 5: 585-590.
122. Morrow JJ, Reinhard KJ (2016) Dental archaeoparasitology: Rigorous analysis. *British Dental Journal* 220:612.
121. **Morrow JJ**, **Reinhard KJ** (2016) Assessing the archaeoparasitological potential of quids as source materials for immunodiagnostic analyses. *Korean Journal of Parasitology* 5: 605-616.
120. Higley L.G., Brosius TR, Reinhard KJ, Carter D (2016) Cleaning Puparia for Forensic Analysis. *Journal of Forensic Sciences* 61: 1356–1358.
119. **Morrow JJ**, **Newby J**, Piombino-Mascalì D, Reinhard KJ (2016) Taphonomic Considerations for the Analysis of Parasites in Archaeological Materials. *International Journal of Paleopathology* 13:56–64.
118. **Morrow JJ**, Reinhard KJ (2016) *Cryptosporidium parvum* among coprolites from La Cueva De Los Muertos Chiquitos, Rio Zape Valley, Durango, Mexico. *Journal of Parasitology* 102:429-35
117. **Boyadjian CHC**, Eggers S, Reinhard K, Scheel-Ybert R (2016) Dieta no Sambaqui Jabuticabeira-II (Sc): Consumo de Plantas Revelado por Microvestígios Provenientes de Cálculo Dentário: Diet At Jabuticabeira II (Sc): Plant Foods Revealed By Microremains From Dental Calculus. *Cadernos do LEPAARQ* 13 <<https://periodicos.ufpel.edu.br/ojs2/index.php/lepaarq>>
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(*) indicates Reinhard corresponding author, (◇) indicates an invited chapter

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- 17) Reinhard, KJ (2010) Appendix K: Pollen and Parasitology Reports. In (M Heilen, MA Gray Eds) *Deathways and Lifeways in the American Southwest: Tucson's Historic Alameda-Stone Cemetery and the Transformation of a Remote Outpost Into an Urban City*. Statistical Research, Incorporated.
- 16) Raymer LE, Reinhard KJ (2006) Paleoethnobotany and Parasitology of Area F. Appendix IV in (J. Gerhardt) *Life on the Philadelphia Waterfront 1687-1826: A Report on the 1977*

- Archeological Investigation of the Area F Site, Philadelphia, Pennsylvania*. West Chester: John Milner Associates. pp.373-448.
- 15) Reinhard KJ (2004) Archaeoparasitological analysis of sediments from the Pearl Street Excavations. In *Pearl Street Reconstruction Part I: Archaeological Mitigation Report, Pearl Street from Madison Avenue to Pine Street, City of Albany, Albany County, New York*. New York Division of Research and Collection, Cultural Resources Survey Program. pp. 93-97.
- 14) Yamin R, Bartlett AB, Benedict TL, Gerhardt J, Milner C, Raymer LE, Reinhard KJ, Tobias NS (2004) *After the Revolution, Two Shops on South Sixth Street, Archeological Data Recovery on Block 1 of Independence Mall*. Report on file at Independence National Historical Park, Philadelphia.
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- 11) Reinhard KJ (2000) Parasitic disease at Five Points: Parasitological Analysis of Sediments from the Courthouse Block. In (R. Yamin, ed.) *Tales of Five Points: Working Class Life in Nineteenth-Century New York, Volume II, An Interpretive Approach to Understanding Working Class Life*. West Chester: John Milner Associates. pp.391-404.
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- 9) Reinhard KJ (1996) Pollen and Parasite Analysis of the Peyton Randolph Site, Williamsburg, Virginia, Appendix 5. In *Archaeology of the Peyton Randolph House*. Andrew Edwards, Linda K. Derry and Roy A. Jackson. Colonial Williamsburg Foundation Library Research Report Series - 175 Colonial Williamsburg Foundation Library, Williamsburg, Virginia
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- 6) Reinhard KJ (1986) Palynological and Parasitological Investigations of Soils from Tazewell Hall, Williamsburg, Virginia. In *Archaeological Excavations on the Tazewell Hall Property*. 5) Patricia Samford, Gregory Brown and Ann Smart. Report on file at the Department of Archaeological Research. Colonial Williamsburg Foundation, Williamsburg, VA.
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1) Reinhard KJ, Vivian RG (1974) *An Archaeological Record Check, Santa Cruz River Park, Arizona*. Arizona State Museum Archaeological Series 76. Tucson, Arizona State Museum.

PAPERS PRESENTED AT SCIENTIFIC MEETINGS (2004-present)

(*) indicates Reinhard was Presenter and/or Senior Author. All other presentations were senior authored by student advisees unless specified.

2019

8/24 Reinhard, K., Dorsey Vinton, S., Teixeira-Santos, I., Role of diet in defining vitamin C deficiency in the Lluta Valley of Chile. VIII Paleopathology Meeting in South America, Building Connections, Paleopathology Association, São Paulo, Brazil.

8/23 Reinhard, K., Leles, D., Pucu de Araújo, E., Smith, J., Strauss, B., Hetzel, W. D., Discoveries of geohelminths from Northern Mexico and what this shows about parasitism and Mesoamerican influence. *Ibid*.

8/23 Pucu do Araujo, E., Reinhard, K., Louse infestation associated with immigrant populations in southern Peru. *Ibid*.

8/23 Reinhard, K., Camacho, M., Porotic hyperostosis related to infection and diet. *Ibid*.

Hertzel D., Pucu do Araujo, E., Reinhard, K. Airborne environmental contamination: an ancient source of pinworm infections, Zape Mexico. 46th Annual North American Meeting of the Paleopathology Association, Paleopathology Association, Cleveland, Ohio.

2018

* 4/10 Introduction to the workshop: Parasitology in Paleopathology: New perspectives using large data bases. Paleopathology Association, Austin TX

* 4/10 The contribution of mummy studies to defining parasite patterns. *Ibid*.

4/10 Morgana Camacho and Karl Reinhard The interplay between diet, lifestyle and parasitism in provoking parasitic disease: New Mexico Ancestral Puebloans, 1141-1253 CE. *Ibid*.

4/11 Sebastien Botero, Ariadne Barbosa Gonçalves, Ruth Grady, Brianna Haberyan, Chase Horn, and Karl Reinhard. Stratigraphic probes and large-scale discovery of emergence and control of infection: 1700 – 1850 CE, New England, USA. *Ibid*.

4/11 Amanda Rollins and Karl Reinhard. Molecular Identification of Parasites in and intestinal coprolite from a mummified priest from the Mother Church, Piraino, Sicily. *Ibid*.

* 5/21 Insights into Diet and Pathology: Advances since the 1992 World Congress on Mummy Studies. Invited Presentation for Plenary Session. Extraordinary World Congress On Mummy Studies, Tenerife, Spain.

* 5/21 Parasitology and Mummy Studies. Invited Presentation for Plenary Session. *Ibid*.

8/21 Key Note Lecture: Archaeology, parasitology and the prehistoric ecology of infection. 14th International Congress of Parasitology, EXCO Daegu, Korea.

8/21 Elisa Pucu de Araújo and Karl Reinhard, Detection of Arthropods by PCR in Experimental Coprolites. *Ibid*.

8/24 Keynote Lecture: History and Current Trends in Paleoparasitology across the World. Seoul International Symposium of Paleoparasitology. Seoul National University College of Medicine.

2017

(University Travel Freeze Resulted in Cancellation of Presentations for the American Academy for Forensic Sciences and the South American Paleopathology Association)

* 9/4/2017 Reinhard, K., Key Note: New Approaches to the Study of Prehistoric Parasitism XXV. Congresso Brasileiro de Parasitologia, Sociedade Brasileira de Parasitologia, Buzios, Brazil. Brazil.

* 5/8/2017 Reinhard, K., National Park Service, Aztec Ruins National Monument, Aztec, New Mexico, "Progress report on analysis of Chaco Canyon Greenhouses", Research/Creative Activity, Seminar, Regional, Invited. (May 8, 2017).

Primary association: Research/ARD; *Science Literacy Emphasis:* Yes

* 4/4/2017 Camacho, M. (Presenter & Author), Reinhard, K., Paleopathology Association Annual Meeting, Paleopathology Association, Atlanta, Georgia, "Southwest Pueblos Great Houses: Parasitism and Diet", Research/Creative Activity, Conference, International, peer-reviewed/refereed, published in proceedings, Accepted. (April 14, 2017).

* 4/4/2017 Perspectives from TAMU's first anthropology Ph.D. 4/4/2017 Reinhard, K., Society of American Archaeology annual meeting, Society of American Archaeology, Vancouver, "Human Coprolite Diet Reconstruction Confirms Wetland Resource Use in the Coast of the Atacama Desert, 6580 cal. yr BP", Research/Creative Activity, Conference, International, peer-reviewed/refereed, published in proceedings, Invited. (April 4, 2017).

2016

* 10/21/2016 Reinhard, K., Perspectives from TAMU's first anthropology Ph.D. Celebration of Vaughn Bryant's Contributions to Texas A&M University, Texas A&M University, Department of Anthropology, College Station Texas

* 9/21/2016 Addressing the Paleoepidemiology of Prehistoric Parasitism. 45th Anniversary Celebration of Vaughn Bryant's Contributions to Texas A&M University, Texas A&M University, Department of Anthropology, College Station.

8/30/2016 Dr. Carrie Heitman, lead author, Pollen Analysis of Coprolite Samples from Chaco Canyon, New Mexico, Eighth World Archaeological Congress, Kyoto. Japan,

8/12/2016 Reinhard, K. Coordinator/Organizer with R. Bianucci, and D. H. Shin. Host-Parasite Relationships and Diseases: Lessons from the Past: a Symposium Dedicated to the Memory of Prof. Adauto José Gonçalves De Araujo. 9th World Congress on Mummy Studies, Lima, Peru.

* 6/11/2016 Reinhard, K. J. Archaeoparasitology 2015-2020: Transitions in Theory and Crises in Diagnosis. Annual Meeting of the Midwestern Conference of Parasitologists.

4/12/2016 Rollins, A. lead author, Genetic evidence for the prehistoric expansion of *Enterobius vermicularis* parasites. Paleopathology Association.

4/12/2016 Morrow, J.J., lead author, *Cryptosporidium Parvum* Among Coprolites From La Cueva De Los Muertos Chiquitos, Rio Zape Valley, Durango, Mexico. Paleopathology Association.

* 4/12/2016 Reinhard, K. Biological Or Mineral? Evaluating A Purported Schistosome Egg From Syria. Paleopathology Association.

* 4/12/2016 Coprolite Analysis: the Missing Data Set for Understanding Ancestral Puebloan Porotic Hyperostosis. Paleopathology Association.

4/11/2016 Teixeira-Santos, I., lead author, Paleoepidemiology of Diphyllbothriasis: Culture and Environmental Factors Affecting Intensity and Prevalence. Paleopathology Association.

* 1/17/2016 Hohokam Parasitology: Developing a Parasite Risk Profile from Surrounding Regions. 15th Biennial Southwest Symposium.

2015

* 2/19/2015 Pollen Evidence of Diet and Environment from Mummies: Determining Place of Homicide and Identity. Keynote Symposium Presentation. American Academy Forensic Science.

- * 3/24/2015 50 Rigor in Paleoparasitology. Paleopathology Association, St. Louis.
- 3/25/2015 Taphonomic Considerations For The Analysis Of Parasitic Organisms From Archaeological Contexts. *Ibid.*
- Paleoamerican Parasitism: Infections That Signal The Origin And Route Of Migration. *Ibid.*
- * Overdispersion: Testing Whether A Key Parasitological Principle Is Evidenced In Archaeology. *Ibid.*
- 3-28/2015 The Evidence Of Medicinal Plant Use In Prehistoric Humans From An Archaeological Site In Northeastern Brazil. American Association of Physical Anthropologists. St. Louis. Lice Paleoepidemiology Of The Moquegua River Valley, Southern Peru. *Ibid.*
- * 4/15/2015 Parasites at Antelope Cave. Society for American Archaeology. San Francisco.
- * 4/15/2015 Dietary Reconstruction Based on Coprolites from Antelope Cave. *Ibid.*
- * 5/15/2015 Paleonutrição. Museu Nacional, Rio de Janeiro.
- * 7/30/2015 Evidence of Ancient Diet Related to the Emergence of Native American Type II Diabetes. Conference on Evolutionary Medicine. University of Zurich.

2014

- * 4/12/2014 Archaeoparasitology - Applications and Theory. Rocky Mountain Conference of Parasitology Meeting.
- * 5/21/2014 Parasites as biological markers of behavior. Invited Lecture, Faculdade de Ciências Médicas, Universidade do Estado do Rio de Janeiro.

2013

- * 9/17-19/2013 Parasites as biological markers of pre-historic human migrations. Paleoamerican Odyssey: A Conference Focused on First Americans Archaeology, Santa Fe, New Mexico
- 08/15/2013 Distribution of Archaeological Sites in the Lower Pecos Region: Distribution of Archaic Period Chagas Disease Transmission in Western Texas. 5th Meeting of the Paleopathology Association in South America, Universidad de Magdalena, Columbia.
- * 08/6-9/ 2013 Dietary Analysis of Korean Mummies. 8th World Congress On Mummy Studies.
- 08/6-9/ 2013 Parasitological Analysis Of Medieval Burials In Nivelles, Belgium. *Ibid.*
- * 08/6-9/ 2013 Further Refinements Of Intestinal Wash: The Zweeloo Woman Bog Body. *Ibid.*
- * 05/15/2013 Pollen in Marijuana Pipes. XIV Simpósio Brasileiro de Paleobotânica e Palinologia (with Nicole A. Wall, Marina Milanello Do Amaral and Tif Garvin)
- * 05/15/2013 Case Study: Determining Location Of Homicide Through Palynology. *Ibid.* (with Nicole A. Wall, Marina Milanello Do Amaral)
- * 05/15/2013 Pollen From Mummified Human Internal Organs From Italy. *Ibid.* (with Nicole Gulseth, Annie Larsen, Kelsey Lynch, , Marina Amaral, Dario Piombino-Mascoli)
- * 05/16/2013 Detecting Contraband Tobacco Products Through Pollen Analysis: Examining The Pollen Profile For Brazilian Tobacco. *Ibid.* (with Shane Williams, Sergio A De M Chaves)
- * 05/16/2013 Evaluation Of Forensic Methods For Collecting Pollen. *Ibid.* (with Marina Milanello Do Amaral)

2012

- * 06/12/2012 La Mita y Análisis de Dieta Durante el Horizon- te Inca en los Valles de Arica. Instituto De Alta Investigación - Universidad de Tarapacá, Arica, Chile.
- * 06/21/2012 Que Podemos Aprender del Estudio de *Pediculus humanus capitis* Presente en las Culturas Precolumbianas del Periodo Intermedio Tardío de Valle de Moquegua, Perú. Instituto De Alta Investigación - Universidad de Tarapacá, Arica, Chile.
- * 07/14/2012 Intestinal Contents and the Pathoecology of Ancient Disease. Korean Academy of Paleopathology and Bioarchaeology. Korean National Museum, Seoul, Korea.

* Migrations – Parasites Reveal Prehistoric New World Colonization. XVIII International Congress for Tropical Medicine and Malaria, and the XLVIII Congress of the Brazilian Society of Tropical Medicine in Rio de Janeiro.

09/05/2012 What Head Lice Teach Us About Ancient Cultures: Demographics of Infestation, Influence of Status on Infestation, Treatment of Infestation. Rocky Mountain Region Parasitology Conference, Cedar Point Biological Research Station. (Nicole Searcey's UCARE research, Searcey lead author).

2011

04/15/2011 Archaeoparasitological Investigation of a Mummy from Sicily, 18th-19th Century AD (Kelsey Kumm, lead author), Southwestern Association of Parasitologists.

04/15/2011 Archaeoparasitology of Chaco Canyon (Rachel Paseka, lead author), Ibid.

*04/19/2011 Emergence and Control of Parasite Infections. South Carolina Institute of Archaeology and Anthropology Annual Symposium.

06/12/2011 Forensic Palynological Analysis Of Intestinal Contents of a Korean Mummy (Paulette Arguelles, lead author), AAAS/Mummy Congress.

06/12/2011 Forensic Palynological Analysis Of Piraino 1, Sicily, Italy: Diet, Medicine, And Season Of Death (Melissa Lein, lead author), Ibid.

06/12/2011 Macrofossils, Microfossils And Dietary Interpretations For Piraino 1, Sicily (Sara Leroy-Toren, lead author), Ibid..

06/12/2011 Parasitology Of The Piraino 1 Mummy, Sicily, Italy (Kelsey Kumm, lead author), Ibid..

06/12/2011 Parasitism Of The Zweeloo Woman Bog Body With Overview Of Bog Body Helminths (Nicole Searcey, lead author), Ibid..

*06/12/2011 KJ Reinhard et al., Microfossil Analysis Of The Zweeloo Woman Bog Body, Ibid..

*06/12/2011 KJ Reinhard, State-Of-The-Art Ancient Mummy Research: Coprolites, Ibid..

*08/10/2011 Forensic Palynological Investigation of Marijuana Use: From Paraphernalia to Corpses, 2011 Trace Evidence Symposium: Science, Significance and Impact.

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2010

*06/23/2010 Emergence and Control of Parasitism in Historic Albany. Annual meetings of the American Society of Parasitologists.

11/18/2010 Transitions of Food and Health in the Lluta Valley, Chile at the Time of Inka Expansion (Sheila Dorsey, lead author). American Anthropological Association.

2009

*03/20/2009 The ENSO phenomenon: Bioarchaeological Implications of *Diphyllobothrium pacificum* and Anisakid infections in Chinchorro populations. First Bolzano Mummy Congress, Bolzano, Italy.

*03/20/2009 Where Have All the Plant Foods Gone? The Search for Refined Dietary Reconstruction from Chinchorro Mummies. Ibid..

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*04/23/2009 Assessing Criminal Depravity Through Analysis of the Human Skeleton. Society for American Archaeology.

04/23/2009 Forensic Analysis of a Mummified Homicide Victim. Forensic Archaeology

Symposium, Society for American Archaeology.

*08/03/2009 Forensic Palynology Workshop. Trace Evidence Conference sponsored by the FBI and National Institute of Justice.

*08/04/2009 Bone Recovery from Saturated Sediments Case MLA07-16, Melissa A. Schmidt. Nebraska Chapter of the International Association for Identification.

2008

*01/08/2008 Archaeoparasitology in Historic Contexts. In symp. "Recent Research in Archaeobiology and Historical Ecology". Society for Historical Archaeology.

*06/30/08 Minimally Destructive Utilization of Mummies in Archaeohelminthological Studies. 83rd Annual Meeting of American Society of Parasitologists.

*06/30/08 Problems of Interpreting Prehistoric Oddities from Arid Archaeological Sites: Taeniids, Hymenolepidids, and Flukes. *Ibid.*

2007

*02/23/07 A New Method for the Recovery of Dietary and Disease Data from Mummies Using Sections of Bowel. VI World Congress on Mummy Studies, Lanzarote, Spain.

02/23/07 *Enterobius vermicularis* ancient DNA in Pre-Columbian Human Populations. *Ibid.*

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*03/3/07 Depravity in the Tribal Context: When is Heinous Behavior Culturally Proscribed. Fulbright Academy of Science and Technology Annual Meeting, Panama City.

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Presented at the Annual Meetings of the Society for American Archaeology, Austin.

06/24/07 Ancient Migrations Based On Paleoparasitology. In: From Alaska to Chiapas: The First North American Parasitology Congress, 2007. p. 192.

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06/24/07 Helminth Parasites in Paleofeces from Cueva De Los Muertos Chiquitos, Rio Zape Valley, Durango, México. *Ibid.* p. 193.

*10/03/07 Microrresíduos: A Bioarqueologia Muito Além dos Ossos. IV Congresso da Sociedade de Arqueologia Brasileira. (A symposium on microresidues for the 14th Society of Brazilian Archaeology Congress, in Portuguese).

*10/03/07 Discurso: Paleoetnobotânica e Controvérsia (in Portuguese). *Ibid.*

*10/30/07 Parasitos em populações pré-históricas: adaptações parasito-hospedeiro. XX Congresso Brasileiro de Parasitologia (in Portuguese). Recife, Brazil. (Parasites in prehistoric populations: host-parasite adaptations, Congress of the Brazilian Society of Parasitology).

*10/04/07 Key Note Address, Society of Human Ecology. Prehistoric Diet and Modern Obesity among Native Americans. XV Meeting of the Society for Human Ecology, Rio de Janeiro.

*10/05/07 The origin and evolution of human parasites, (Adauto Araujo, lead author). *Ibid.*

*11/15/07 The Bioarchaeology of *Diphyllobothrium pacificum*. 2nd Meeting of the Paleopathology Association in South America, Santiago, Chile.

11/15/07 Infection, Resistance and Spontaneous Healing in Tuberculosis, (Sheila Mendonça de Souza, lead author). *Ibid.*

*11/16/07 Dietary Analysis Of Coprolites From The Lluta Valley In Northern Chile. *Ibid.*

*11/16/07 The Significance of the Floral Remains of Chinchorro Diet. *Ibid.*

11/17/07. Morphometric variability in oocysts of *Eimeria macusaniensis* (Guerra, 1967) in archaeological samples from the Patagonic Holocene, Argentina (Martin Fugassa) *Ibid.*

11/17/07 Making visible the invisible: starch grains in dental calculus and their relationship with dental cavities in Brazilian shellmounds, (Veronica Wesolowski, lead author). *Ibid.*

*11/28/07 A series of three lectures in Portuguese on Forensic Palynology, Forensic Botany, and the Nexus of Forensic Anthropology and Psychology for the National Congress of Forensic Science, Universidade Federal de Pará.

2006

03/05/06 Web-based computer interactive teaching, Fulbright Academy of Science and Technology, Fulbrighters in Science Conference, Berlin.

09/07/06 Microfossils in dental calculus and sediments from a Brazilian shellmound: what do they reveal about diet and plant management? (Sabine Eggers, lead author) International Union for Prehistoric and Protohistoric Sciences, U.N.E.S.C.O., Lisbon, Portugal.

*11/28/06 Pathoecology of Anemia in the Prehistoric West of North America. Invited Kroeber Series Lecture, Department of Anthropology, University of California, Berkeley.

2005

*07/29/2005 Diet, Parasitism and Skeletal Indicators of Stress, 1st Meeting of the Paleopathology Association in South America, Rio de Janeiro, Brazil

07/29/2005 Primary and Secondary Structure of Splicing Leader S11 RNA Gene (S11 RNA) From *Enterobius Vermicularis* Retrieved from Amerindian Coprolites. *Ibid.*

*07/28/2005 Cave Living and Transmission of Chagas in Ancient Times. *Ibid.*

*07/24/2005 Workshop - Paleoparasitology in Brazil- Recovery and Identification of Parasites in Archaeological and Paleontological Samples. *Ibid.*

*04/16/2005 Workshop – Archaeoparasitology. Paleopathology Association.

*04/09/2005 Science and Oral Traditions: a Case Example from the Omaha Nation. Lewis & Clark Midwest Trail State Native American Symposium (Iowa History Forum).

2004

09/02/2004 Conservation Assessment of an Egyptian Mummy (Debra Meier, lead author). V World Congress on Mummy Studies, University of Torino, Italy.

09/02/2004 Protozoan infection diagnosis in mummified material (Marcelo Gonçalves, lead author). *Ibid.*

09/02/2004 The Jivaro shunken heads of the National Museum collection (Sheila Mendonça de Souza, lead author). *Ibid.*

*09/02/2004 Mummies from arid deserts in humid museums: conservation challenges. V World Congress on Mummy Studies, University of Torino, Italy.

09/02/2004 Two Chillon Baby Mummy Bundles. (Sheila Mendonça de Souza, lead author). *Ibid.*

09/02/2004 *Enterobius vermicularis* ancient DNA in Amerindian coprolites: sequence and secondary structure of splicing leader SL1 RNA gene (Alena Mayo Inigues, lead author). *Ibid.*

*04/15/2004 Parasitism and the Chacoan Phenomenon. Center for Desert Archaeology and Salmon Ruin Museum, Chacoan Archaeology Working Conference.