



## IV REUNIÓN DE LA ASOCIACIÓN DE PALEOPATOLOGÍA EN SUDAMÉRICA - PAMinSA IV

Lima - Perú  
2 al 5 de Noviembre



### ORGANIZING COMMITTEE

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Raúl Tito  
Richard Thomas  
Elsa Tomasto  
Douglas Ubelaker  
Marcela Urizar  
John Verano

### FIRST COMMUNICATION

Dear colleagues,

We are glad to invite you to the fourth meeting of the Paleopathology Association in South America – PAMINSA IV, to be held in Lima, Peru, from the 2<sup>nd</sup> to the 5<sup>th</sup> of November 2011. This event will enrich the discussion about human remains in the region and will bring together professionals and students from Latin America and other parts of the world around our common interest of paleopathology. This meeting confirms that these reunions have become a tradition in Latin America in the same way as they have in North America and Europe.

In this opportunity we also want to recognize the contribution of Marvin Allison to this field. He has developed paleopathological studies in Peruvian collections since the 60s. He worked in close collaboration with the pathologist Enrique Gerszten and the archaeologist Alejandro Pezzia. Allison promoted the integration of biology with pre-Hispanic studies from a multidisciplinary perspective. He also provided opportunities for training to many professionals and defined a productive road to the recognition of the value of bioarchaeological collections.

Presentations at the meeting can be made either in a symposium or as a poster. There will also be the opportunity to participate in workshops that will take place on November 2<sup>nd</sup>. For our colleagues from other countries we will offer our help in arranging lodging, travel and tours to museums, archaeological sites, visits to collections and local places of interest.

We hope that this meeting will be an enriching experience for you all. We hope to see you in November!

With our best wishes,  
The organizing committee

## **PRESENTATIONS**

The meeting will have two types of presentations:

**SYMPOSIA:** targeted to studies that incorporate a discussion regarding a specific theme. There will be fifteen minutes for podium presentations plus five minutes discussion.

**POSTERS:** to present study cases, novel techniques and methodologies, diagnostic criteria and the status of ongoing research studies.

Poster dimensions are 120 cm height by 85 cm width. The posters will be exhibited during a special session where one of the authors will have to be present.

The inclusion in the program relies on the recommendations of the Scientific Committee.

Every participant can present up to two papers where she/he is first author either at oral or poster presentations. The symposium must have at least four presentations in order to be opened.

Presentations can be made in English or Spanish.

### **DUE DATE**

Abstracts must be submitted by July 31<sup>st</sup>, 2011 at [paminsaperu@gmail.com](mailto:paminsaperu@gmail.com) with a copy to the respective symposium coordinator.

### **GUIDELINES FOR ABSTRACT PRESENTATION**

Abstracts must have no more than 300 words written either in English or Spanish. They must be sent using the Word program, with font Times New Roman 12, and single line spacing. Each proposal must include the following information:

- Indicate the preference: Symposium / Poster
- Title:
- Author (s):
- Main text including objectives, materials and methods, summary of the results and discussion
- Author (s) affiliation (s)
- e-mail

First, the Organizing Committee will confirm the reception of the proposal. Second, the Scientific Committee will make recommendations regarding the paper acceptance.

The participants of the meeting can propose sessions. If someone wishes to propose a theme in particular, please contact us as soon as possible and include details of topic, time, and list of participants.

# SYMPOSIA

## SYMPOSIUM 1:

### **Infectious diseases and their epidemiological impact in America**

Session to present papers that show the impact of diseases caused by microorganisms in the cultural history of the Americas. Contributions will show studies using macroscopic, radiographic and molecular methods.

Coordinator: Sonia **Guillén**, PhD. – Centro Mallqui – Pontificia Universidad Católica del Perú  
e-mail: soniaguillen@gmail.com

## SYMPOSIUM 2:

### **Bone traumatism interpretation: unrevealing interpersonal relationship patterns**

The study of skeletal trauma in recent years has provided evidence that allows the identification of patterns of behavior among people which in turn improves our understanding of these societies. The great amount of recovered evidence and methodological and technical research in skeletal trauma keep providing new approaches to this matter.

Coordinator: Mellisa **Lund**, MA - Equipo Peruano de Antropología Forense  
e-mail: mlundvalle@yahoo.com  
John Verano, PhD. – University of Tulane

## SYMPOSIUM 3:

### **Contribution of the DNA to paleopathology and population genetic studies**

During the last years molecular studies have brought a great promise to discuss many topics about prehistoric populations. This symposium expects to enrich the debate regarding the application of molecular techniques in the field of paleopathology, and from a broader perspective, in topics of population dynamics. Contents related to the evaluation of techniques, methodologies, and their difficulties; study cases; and genetic characterization of ancient and modern populations, will be discussed.

Coordinators: Evelyn **Guevara**, MA. – Centro Mallqui  
e-mail: genetica-pamina@gmail.com  
Raúl Tito, M.Sc. – University of Oklahoma

## SYMPOSIUM 4:

### **Social change and disease: contributions of paleopathology to the study of the Colonial and Republic Periods in America**

Studies showing the ways in which diseases played protagonist roles in history are increasing. Nevertheless, the knowledge of this important aspect of human societies is still limited. Paleopathological investigations of the Colonial and Republic periods in the American continent present interesting challenges as they offer the possibility to combine information about the introduction of new pathogens, as well as social and economic changes with no antecedents in the region, and the opportunity to use written sources. Nevertheless, because of a purely academic issue –the frontiers separating the disciplines of biology, archaeology and history– studies of human remains are not sufficiently integrated. This symposium attempts to create a space for dialogue and exchange of experiences in the study of paleopathology for these two periods.

Coordinators:  
Elsa Tomasto M.A. – Pontificia Universidad Católica del Perú  
e-mail: etomast@pucp.edu.pe

Douglas Ubelaker PhD. – Smithsonian Institution

SYMPOSIUM 5:

**Coprolite studies and paleoparasitology in South America**

The analysis of desiccated feces is a scientific practice that started in the first decades of the 1800s. In South America this line of work in human and animal materials is producing interesting results for the reconstruction of life, health and environmental conditions.

Coordinator: Inés **Gárate**, PhD. – Universidad Nacional Mayor de San Marcos  
e-mail: igarateca@yahoo.com

SYMPOSIUM 6:

**Paleopathology in South American mummies**

The purpose of this symposium is to get an overview of current studies on South American human mummified remains, bringing up together the different disciplines and technologies involved. We will focus on accurate diagnoses and *ad hoc* curation of specimens studied. Likewise, this symposium should become the meeting point for researchers from different but complementary areas to ask for solutions to common issues faced in our collections.

Coordinator: Guido **Lombardi**, M.D. – Universidad Peruana Cayetano Heredia  
e-mail: guido\_lombardi@hotmail.com

SYMPOSIUM 7:

**Paleopathology in the zooarchaeological record in South America: problems and possibilities**

Most paleopathological research on animals has focused on fauna from the old world. Methodologies and standardized protocols for registry developed from this research. There are scarce studies in South America and the objective of this symposium is to generate a discussion around registry, analysis and recent studies integrated to the archaeological evidence. Topics to be developed include study cases, registry methods, problems for paleopathological research, health and disease conditions, handling of herds and ways domesticated and wild animals were used.

Coordinators: Mag. Patricia **Maita** – Museo Nacional de Arqueología, Antropología e Historia del Perú  
e-mail: pat\_maita@hotmail.com  
Richard Thomas PhD. – University of Leicester

SYMPOSIUM 8:

**Biology, culture and environment: isotopic analysis contributions**

Few decades ago the use of stable isotope analysis was introduced in archaeological research. Currently chemical analysis has become one of the main research lines in archaeology. This is reflected in the greater number of publications using this data in relation to topics such as diet, mobility, migration patterns, among others. Despite the great advances in the bioarchaeological field, very little has been done in the area of paleopathology. This session will provide the opportunity to discuss research that includes the study of stable isotopes and paleopathology.

Coordinators: Mag. Martha **Palma** – Centro de Investigaciones en Antropología Biológica y Genética (CIABG)  
e-mail: palma.mr@pucp.pe  
Dra. Corina Kellner – Northern Arizona University

SIMPOSIUM 9:

**Bioarchaeology of Sambaquis**

**Coordinador** Dra. Sheilla M. F. Mendonca de Souza - Escola Nacional de Saúde Pública / Fiocruz, Brasil

email: [sferraz@ensp.fiocruz.br](mailto:sferraz@ensp.fiocruz.br)

## POSTERS SESSION

Coordinators:

**Alfredo Altamirano, PhD.**

e-mail: [alfredo-altamirano@hotmail.com](mailto:alfredo-altamirano@hotmail.com)

**Marcela Urizar, MA.**

## WORKSHOPS

The workshops are designed to have at least ten participants

### WORKSHOP 1: **Analysis and interpretation of traumatisms**

Organizer: José Pablo Baraybar, M.A.

### WORKSHOP 2: **Trepanation in ancient Peru**

Organizer: John Verano

Tulane University

Trepanation (the removal of a portion of the skull bone by scraping, cutting, or drilling) is the oldest known surgical procedure, extending back more than 5,000 years in Europe, and at least 2,000 years in the Americas. Although trepanation was practiced in many places and times, Peru and Bolivia have more examples of prehistoric trepanned skulls than anywhere else in the world. In this workshop we will review the evidence for trepanation in ancient South America, looking at issues such as trepanation technique, survival rates, and possible motivations for surgery. Differential diagnosis of trepanation and other defects

of the skull will also be reviewed. The workshop will include examination of a sample of prehistoric skulls from local museums that show various trepanation techniques and degrees of healing.

### WORKSHOP 3: **Identification and analysis of teeth**

Organizers: María Concepción Godoy, M.A. and Elsa Tomasto, M.A.

Teeth are composed of a very resistant mineralized tissue, consequently they tend to be well preserved into the archaeological findings, even in cases where most of the skeleton is destroyed. The main aim of this workshop is to provide basic dental morphological knowledge to help in the identification of human teeth, as well as, to introduce subjects related to dental analysis and the potential of dental studies into the archaeological sphere.

**TRAVEL, LODGING AND TOURS:** available soon

e-mail: [marcela.urizar@gmail.com](mailto:marcela.urizar@gmail.com)

## REGISTRATION FEE

<b>STUDENTS</b>	<b>: 150 Nuevos Soles</b>
<b>PROFESSIONALS</b>	<b>: 300 Nuevos Soles</b>

**WORKSHOPS: 60 Nuevos Soles**

**SIMULTANEOUS TRANSLATION: 150 Nuevos Soles (optional)**

**Reference exchange rate: S/. 2,70 Nuevos Soles per dollar**

**PAYMENT SYSTEMS:** available soon

### **MEETING PLACE:**

**Auditorium: CENTRO DE CONVENCIONES DEL COLEGIO MÉDICO DEL PERÚ**

Av. 28 de Julio 776, Miraflores

<http://www.cmp.org.pe/centrodeconvenciones>

# **ORGANIZATION AND SPONSORS**

CENTRO MALLQUI  
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