

CURRICULUM VITAE

Nandini Singh

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CURRENT POSITION

Assistant Professor of Biological Anthropology Department of Anthropology, Sacramento State University	2017-Present
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EDUCATION

Ph.D., Max Planck Institute for Evolutionary Anthropology, Germany	2006–2010
University of Tuebingen, Germany	
M.Sc. in Human Evolution and Behavior, Biological Anthropology	2003-2004
University College London, United Kingdom	
B.A. in Physical Anthropology and Women's Studies	1998–2002
Knox College, IL, United States of America	

GRANTS AND HONORS

Research and Creative Activities award, Sacramento State University	2018
Penn State Postdoctoral travel grant (AAPA conference)	2014
Postdoctoral Marie-Curie Re-integration grant, (Role: PI)	2011–2013
Postdoctoral grant, Senckenberg Center for Human Evolution and Paleoecology	2011–2012
PhD dissertation grant, Senckenberg Center for Human Evolution and Paleoecology	2009-2010
Marie-Curie “EVAN” Ph.D. dissertation fellowship	2006-2009
M.Sc. in Human Evolution and Behavior with <i>Distinction</i>	2004
Leakey foundation grant for graduate research	2003-2004
Graduate school research grant, University College London	2004
B.A. in Anthropology and Women's Studies, <i>Cum Laude</i>	2002
Richter's foundation grant for undergraduate research	2000-2001
Dean's list	1999-2002

RESEARCH INTERESTS

Primate Evolution: craniofacial evolution, growth and development
Evolutionary developmental biology: Complex morphological traits, heterochrony, morphological integration and modularity, evolutionary medicine
Geometric morphometrics: 3D imaging and analysis, multivariate statistics and evolution of covariance structures

TEACHING

Human Paleontology, Sac State	2019-present
Graduate seminar in Biological Anthropology, Sac State	2018-present
Introduction to Biological Anthropology, Sac State	2017-present
Upper division, Advances in Biological Anthropology, Sac State	2017-present
Primate Evolutionary Biology, <i>Instructor</i> , University of Tuebingen	2011
Asian hominin fossil record, <i>Instructor</i> , University of Tuebingen	2011
Museum Anthropology, <i>Instructor</i> , University of Tuebingen	2011
Introduction to Biological Anthropology, <i>Instructor</i> , University of Tuebingen	2011
Introduction to Human Origins, <i>Guest Instructor</i> , University of Tuebingen	2010
Undergraduate tutorial: Curatorial Methods, <i>Instructor</i> , University of Tuebingen	2010

PREVIOUS WORK EXPERIENCE

Postdoctoral researcher	2012-2017
<i>Department of Anthropology, Pennsylvania State University</i>	
Marie-Curie postdoctoral research fellow	2011-2012
<i>Senckenberg Center for Human Evolution and Paleoecology, University of Tuebingen</i>	

CONFERENCE TALKS AND GUEST LECTURES

“Experimental animal models for domestication: insights into modern human craniofacial evolution”	2019
<i>American Association of Physical Anthropology meeting, Cleveland</i>	
“Hominin Paleontology – fossils and genetics”, <i>Dept. of Geology, Sacramento State University</i>	2018
“Human evolution in the changing world – what will we become?”, <i>Sacramento Anthropological Society, Sacramento State University.</i>	2018
“Socially flawed concept of ‘race’ – biological perspective”, <i>Dept. of Communications, Sacramento State University</i>	2018
“Sonic hedgehog on craniofacial morphology: implications for research on Down Syndrome”	2013
<i>Society of craniofacial genetics and developmental biology, Boston</i>	
“Morphological evolution through integration”, <i>University of Tuebingen</i>	2010
“Quantitative shape analysis of extant hominid crania”, <i>Knox College</i>	2009
“Patterns of cranial integration in <i>Pan</i> , <i>Gorilla</i> , <i>Pongo</i> and <i>Homo</i> : similar or different”	2009
<i>American Association of Physical Anthropology meeting, Chicago</i>	
“Cranial biology”, <i>International Max Planck Research School, Germany</i>	2008
“Craniofacial modularity and integration”, <i>Museo Nacional de Ciencias Naturales, Madrid</i>	2008
“Developmental integration and modularity”, <i>MPI-EVA, Germany</i>	2007
“Cranial integration and discrete traits”, <i>University of Leipzig, Germany</i>	2006

DATA COLLECTION AND PROCESSING SKILLS

G2X MicroScribe Digitizer; Computed Tomography (CT) scanners and laser (Minolta Vivid 910; NextEngine)
Extensive knowledge of the following software used to reconstruct and edit scans and measure and analyse morphometric data: Amira (Visage Imaging), Aviso (Visualization Sciences Group), European Virtual Anthropology Network (EVAN) Toolbox, Landmark Editor, Morphologika, Morpheus, R (programming language)

REVIEWER

Journals

Journal of Human Evolution
American Journal of Physical Anthropology
International Journal of Primatology
PeerJ
PloS One

Funding agencies

Leakey Foundation
National Science Foundation, Ad-hoc reviewer

FIELDWORK

Lake Manyara Paleoanthropological Fieldwork, Tanzania	2008
Aliakmon Paleolithic/Paleoanthropological Survey Project, Greece	2006

INSTITUTIONS VISITED FOR RESEARCH

Natural History Museum, London, UK	2004
Powell Cotton Museum, Kent, UK	2004
Duckworth Collection at the University of Cambridge, UK	2004
Royal Museum of Central Africa, Tervuren, Belgium	2004, 2007
Max Planck Institute for Evol. Anthropol. Leipzig, Germany	2006
Anatomy Institute, Leipzig, Germany	2006
Museum of Natural History, Lisbon, Portugal	2007
Natural History Museum, Berlin, Germany	2007
Zoological State Collection, Munich, Germany	2007
University of Vienna, Vienna, Austria	2007
American Museum of Natural History, New York, USA	2008, 2014
Musée de L'Homme, Paris, France	2011
Anatomy Institute, Halle, Germany	2011

OUTREACH

Anthropology outreach at the Penn State Science-U Health and Pre-Med Exposition	Summer 2016
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COMPUTER SKILLS

Operating systems: Proficient in PC and Macintosh platforms,
Software: Microsoft Office, iWorks, Adobe Photoshop, Adobe Illustrator, AVIZO, R- project programming software