LACMA

CITY AS COSMOS: 
ART AND ARCHAEOLOGY AT TEOTIHUACAN

INTERNATIONAL SYMPOSIUM
Organized by the Program for the Art of the Ancient Americas at LACMA during the Exhibition City and Cosmos: The Arts of Teotihuacan

Friday, May 4 | 9:30 am–4 pm  
Saturday, May 5 | 9:30 am–5 pm  
Free and open to the public

LACMA | Bing Theater  
5905 Wilshire Boulevard, Los Angeles

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Image credit: Detail of Feathered Serpent Pyramid, photograph by Jorge Pérez de Lara Elías, © INAH
FRIDAY, MAY 4
9:30–9:45 am  Welcome and Introduction, Diana Magaloni and Megan E. O’Neil

9:45 am–12 pm  Session 1: Art and Technology at Teotihuacan, moderated by Kim Richter
9:45–10:15 am Matthew H. Robb, “Space, Object, and Identity in the City of the Gods”
10:15–10:45 am Laura Filloy Nadal, “Spectacular Anthropomorphic Sculptures on Exceptionally Rare Stones: Conservation and Technical Analysis”
10:45–11 am Break
11–11:30 am Diana Magaloni, “Teotihuacan Mural Painting Through Time”
11:30 am–12 pm Discussion

12–1:30 pm  Lunch Break

1:30–3:45 pm  Session 2: Teotihuacan and the Maya, moderated by Annabeth Headrick
1:30–2 pm Karl A. Taube, “When East Meets West: Maya Presence and Influence at Teotihuacan”
2–2:30 pm Megan O’Neil, Charlotte Eng, John Hirx, Laura Macarelli, Diana Magaloni, Yosi Pozeilov. “Artistic Innovation and Exchange in Teotihuacan and Maya Stucco-Painted Vessels”
2:30–2:45 pm Break
3:15–3:45 pm Discussion

SATURDAY, MAY 5
9:30–9:45 am  Welcome and Introduction

9:45 am–12:30 pm  Session 3: Pyramids and Offerings, moderated by Manuel Aguilar
9:45–10:15 am Saburo Sugiyama, “Cosmic Monuments and Polity Sacralized at Teotihuacan”
10:15–10:45 am Nawa Sugiyama, “Sacred Animals, Sacred Places, Ritualized Landscapes at Teotihuacan”
10:45–11 am Break
11–11:30 am *Sergio Gómez Chávez, “El escenario ritual y político de la ciudadela en Teotihuacán: La construcción del complejo recurso discursivo” (*in Spanish)
11:30 am–12 pm Julie Gazzola, “Importance and Symbolism of Some of the Foreign Materials Recovered in the Tunnel Under the Temple of the Feathered Serpent, Teotihuacan”
12–12:30 pm Discussion

12:30–2 pm  Lunch Break

2–4:45 pm  Session 4: Life in the City, moderated by Claudia García-des Lauriers
2–2:30 pm Linda Manzanilla Naim, “The City of Teotihuacan, an Exception in Mesoamerica: Multifamily Apartment Compounds and Multiethnic Neighborhood Centers”
2:30–3 pm David Carballo, “Daily Life and Social Status at Teotihuacan: A View from the Center and Periphery”
3–3:15 pm Discussion
3:15–3:30 pm Break

3:30–4:45 pm  Session 5: The City and its Legacy, moderated by Claudia García-des Lauriers
3:30–4 pm Jesper Nielsen and Christophe Helmke, “Crowning Years and Rulers: The Year-Sign Headdress in Teotihuacan”
4–4:30 pm Leonardo López Luján and Michelle De Anda Rogel, “Teotihuacan in Mexico-Tenochtitlan: Recent Discoveries, New Insights”
4:30–4:45 pm Discussion
**SPEAKER BIOS**

**Manuel Aguilar-Moreno, Professor, Art History, California State University, Los Angeles**  
Dr. Manuel Aguilar-Moreno is a renowned expert on pre-Columbian civilizations, the colonial history of Mexico and the Mexican Muralism. He has published on a wide range of subjects, including Mesoamerican art and history, colonial art and history of Mexico with emphasis in the Amerindian-Christian art of the transculturation process of the 16th Century, funerary art, and the pre-Columbian ballgame.

**David Carballo, Associate Professor, Department of Archaeology, Boston University**  
Dr. David Carballo received his PhD in Anthropology from UCLA in 2005 and is Associate Professor of Archaeology, Anthropology, and Latin American Studies at Boston University. He is a specialist in Mesoamerican archaeology, focusing particularly on the prehispanic civilizations of central Mexico. Currently ongoing projects at the ancient city of Teotihuacan include the Proyecto Arqueológico Tlajinga, Teotihuacan, and the Proyecto Plaza de las Columnas. The first seeks to understand urbanization, neighborhood organization, and the daily life of commoners through excavations and geophysical prospection within a southern district of the city. The second is focused on a palace compounds and is aimed at understanding the city’s political economy.

**Michelle-Marilène De Anda Rogel, Architect, Proyecto Templo Mayor, INAH**  
Michelle De Anda Rogel is an architect from the Universidad Nacional Autónoma de México (UNAM). She received a Masters in Conservation at the National Institute of Anthropology and History (INAH). She has been adjunct professor in the seminar of Maya architecture at UNAM and participated in the Conservation Project of Ek’ Balam, Yucatan. Since 2010 she is member of the Proyecto Templo Mayor where she develops the architectural surveys and the virtual reconstructions of all the archaeological remains. Her research has focused on the graphic documentation of the polychromy in the Mexica capital, mainly in mural paintings and sculptures. From these topics, she has presented in different conferences and meetings in Canada, USA and in Mexico.

**Charlotte Eng, Forensic Microscopist, Lawrence Livermore National Laboratory**  
Dr. Charlotte Eng is the former Andrew W. Mellon Senior Scientist at LACMA. For twelve years, she was a conservation scientist at who focused on materials identification of a wide array of art objects ranging from Mayan vessels to Renaissance woodcut prints to contemporary jewelry. She currently is a forensic microscopist at the Lawrence Livermore National Laboratory.

**Barbara Fash, Director, Corpus of Maya Hieroglyphic Inscriptions Program, and Co-Director, Meso Lab and Santander Program for Research and Conservation of Maya Sculpture, Peabody Museum, Harvard University**  
Artist and museum curator Barbara Fash has curated numerous exhibits at the Peabody, including “Fragile Memories”, “Distinguished Casts”, “Storied Walls”, and the Maya section of the “All the World is Here.” As Director of the Corpus for Maya Hieroglyphic Inscriptions Program, she carries on the publication of the flagship catalog of hieroglyphic inscriptions. In addition, she continues to build on her forty years of research at the Maya archaeological site of Copan, Honduras, including as creator of the Copan Sculpture Museum. Most recently Barbara has begun collaborating on analysis of a new Maya mural with the Plaza de las Columnas Project at Teotihuacan, Mexico. Along with many articles and book chapters, her publications include *Precolumbian Water Management: Ideology, Ritual, and Power*, with Lisa Lucero (2006) and *The Copan Sculpture Museum: Ancient Maya Artistry in Stucco and Stone* (2011 with the Peabody Museum Press). She was awarded the Hoja de Laurel de Oro in Honduras, and the Orden del Pop in Guatemala, in recognition of her of service in preserving and documenting the cultural heritage of Copan.

**William L. Fash, Charles P. Bowditch Professor of Central American and Mexican Archaeology and Ethnology, Department of Anthropology, Harvard University**  
Dr. William Fash received his Ph.D. in Anthropology from Harvard University. For 25 years he has directed multi-institutional, multi-national, and interdisciplinary research illuminating ancient Maya lifeways, art, and cultural history at Copan, Honduras. He and his wife Barbara played key roles in the design and creation of the Sculpture Museum in Copán. For his efforts he was awarded the Order of José Cecilio del Valle by the President of Honduras in 1994, and selected as

LAURA FILLOY NADAL, SENIOR CONSERVATOR, MUSEO NACIONAL DE ANTROPOLOGÍA, INAH
With a BA in art conservation from Mexico’s Escuela Nacional de Conservación, Restauración y Museografía, and an MA and PhD in archaeology from the Université Paris I-Sorbonne, Dr. Filloy has been a visiting researcher at Princeton University and at Harvard University’s Dumbarton Oaks Research Library, and a visiting professor at the Università degli Studi di Roma, La Sapienza, and the Sorbonne in Paris. She has collaborated on various research projects as the Xalla Project and the Moon Pyramid at Teotihuacan, and in restoring important ancient Mexican artwork. She is currently a professor at the Escuela Nacional de Conservación and senior conservator at the Museo Nacional de Antropología. Recipient of INAH’s Awards: Premio Paul Coremans 2002, for the best Conservation Project: Pakal Funeray Mask; Premio Miguel Covarrubias 2003, for the best work on design and installation.

CLAUDIA GARCÍA-DES LAURIERS, ASSOCIATE PROFESSOR OF ANTHROPOLOGY, DEPARTMENT OF GEOGRAPHY AND ANTHROPOLOGY, CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA
Dr. García-Dés Lauriers received her MA in Art History (2000) and an MA (2002) and Ph.D. in Anthropology (2007) from the University of California, Riverside. Dr. García-Des Lauriers specializes in the archaeology of Central Mexico and the Pacific Coast of Chiapas. Since 2005, she has been the Director of the Proyecto Arqueológico Los Horcones (PALH) that has focused on archaeological investigations of interactions between the site of Los Horcones and Teotihuacan. Other important areas of interest are the archaeology of identity, interaction, art and iconography, landscapes and architecture. Her recent book titled Archaeology and Identity in the Pacific Coast and Highlands of Mesoamerica, is a co-edited collaboration with Michael Love and was published by the University of Utah Press in 2016.

JULIE GAZZOLA, RESEARCHER, DIRECCIÓN DE ESTUDIOS ARQUEOLÓGICOS, INAH
Archaeologist Dr. Julie Gazzola is a researcher at the Archaeological Studies Directorate of the National Institute of Anthropology and History (INAH) since 2004. She is a graduate of the Panthéon-Sorbonne University of Paris, graduated in 2000 with a PhD thesis on the uses of cinnabar in Teotihuacán. She has worked in Teotihuacán since 1997 in research on pigments, lapidary and the first occupations of the city. On three occasions she has been awarded the Teotihuacan Prize for the best research on Teotihuacan. Since 2002 she has been co-director of the Investigation and Conservation Project of the Temple of the Plumed Serpent, Teotihuacan, and director of the First Occupations Project in Teotihuacan since 2005.

SERGIO GÓMEZ CHÁVEZ, ARCHAEOLOGIST, ZONA ARQUEOLÓGICA DE TEOTIHUACÁN, INAH
Sergio Gómez Chávez is an archaeologist with PhD studies in Anthropology at the National School of Anthropology and History (ENAH). He has directed several archaeological projects in Teotihuacán and organized several academic events. He is the author of more than one hundred scientific articles in Mexico and abroad that address aspects of urbanism, social and spatial organization, foreign presence, the writing system and the language in Teotihuacán. He has also published several works on specialized artisan production, ideology and power structures. He has several essays on the protection of the archaeological and historical patrimony of Mexico. For several years he was a professor at ENAH. In 2005 and 2006 he had academic and research residencies at La Sorbonne, Paris IV, and the School of Advanced Studies in Social Sciences of France. In 2005 he received the Teotihuacán Prize for the best research on Teotihuacán. In 2016 he received the Most Important Archaeological Field-Discovery in the World Award from the Chinese Academy of Social Sciences. Since 2002 he directs the Ciudadela Project as well as the Tlalocan project, consisting of the tunnel exploration under the Temple of the Plumed Serpent in Teotihuacán.
Annabeth Headrick, Associate Professor of Art History, University of Denver
Annabeth Headrick received her M.A. and Ph.D. from the University of Texas at Austin. Her research incorporates art, architecture, anthropology, and archaeology in a synthetic and comprehensive way. She is the author of *The Teotihuacan Trinity: the Sociopolitical Structure of an Ancient Mesoamerican City*, and her other publications consider ancestors, deities, warfare and ritual in Mesoamerica. Her current work continues with issues surrounding Teotihuacan as well as the city of Chichén Itzá.

Christophe Helmke, Associate Professor, Department of American Indian Languages and Cultures, University of Copenhagen
Dr. Christophe Helmke teaches undergraduate and graduate courses on the archaeology, epigraphy, iconography and languages of Mesoamerica. Since 1996 he has conducted archaeological fieldwork in Belize, Guatemala and Mexico, with focus on the writing systems of the ancient Maya as well as the writing systems of central Mexico, in particular that of Teotihuacan and Epiclassic sites such as Cacaxtla and Xochicalco. Since 2000 he has tutored hieroglyphic workshops with several colleagues as part of conferences in Europe and North and Central America.

John Hirx, Senior Objects Conservator, Conservation Center, LACMA
Prior to working at LACMA, John Hirx worked at both The Metropolitan Museum of Art and The Brooklyn Museum of Art. At LACMA, he and his staff are responsible for the preservation of three-dimensional objects of diverse media, from ancient to contemporary times, indoors and outdoors, on loan for temporary exhibitions or in the permanent collection, and from all curatorial departments. John has a graduate diploma in conservation from New York University’s Institute of Fine Arts Conservation program. He is currently in a PhD program at The Ohio State University where he is pursuing a split degree in the History of Art and Materials Science and Engineering departments. John received both an undergraduate and graduate degree at Hunter College in New York, where he studied art history, studio arts, and chemistry with a concentration in studio ceramics, ceramic technology, and the history of ceramics. His current research interests focus on analytical studies of ceramics, metals, and enamels.

Leonardo López Luján, Senior Researcher, Museo del Templo Mayor, and Director, Proyecto Templo Mayor, INAH
Dr. Leonardo López Luján holds a PhD in Archaeology from the *Université de Paris Nanterre*. He specializes in the politics, religion, and art of Pre-Columbian societies in central Mexico. About these topics he has authored sixteen books and edited fifteen volumes, many of them award-winning publications. He has served as a visiting professor at *Université de Paris Sorbonne, Sapienza-Università di Roma*, and *École Pratique des Hautes Études*. He has been a guest researcher at Princeton University, the *Musée du quai Branly*, Dumbarton Oaks, and the *Institut d’Études Avancées de Paris*. In recent years, he was elected member of the *Academia Mexicana de la Historia*, the British Academy, and the Society of Antiquaries of London. In 2015 he received the Shanghai Forum Archaeology Award as the director of one of the ten best research programs in the world.

Laura Maccarelli, Assistant Conservation Scientist, Conservation Center, LACMA
Laura Maccarelli graduated with a M.Sc. in Conservation Science from the University of Bologna. She had brief internships in England and Malta before serving as an Andrew W. Mellon Fellow in the Science lab of the Conservation Center at LACMA. She is now Assistant Scientist in the LACMA Science lab. Her work focuses on material identification of art objects from the LACMA collection. She is involved in a research project to identify natural organic dyes on textiles using destructive and non-destructive techniques.

Diana Magaloni Kerpel, LACMA Deputy Director and Director of the Program in the Art of the Ancient Americas, LACMA
Dr. Diana Magaloni was formerly Director of the Museo Nacional de Antropología in Mexico City (2009-2013). She has served as researcher and professor at the Instituto de Investigaciones Estéticas in the Universidad Nacional Autónoma de México (UNAM) where she has specialized in indigenous modes of representation and the nature and meaning of the materials used to create ancient mural paintings and painted books. She has published numerous essays, book chapters in these topics. Her book *Colors of the New World: Materials, Artists, and the Creation of the Florentine Codex* was reviewed as a book that opens new ways of understanding art. She holds a Ph.D. in Art History from Yale University and a B.A. in Conservation from the Instituto Nacional de Antropología e Historia (INAH).
Linda R. Manzanilla-Naim, Professor and Researcher, Instituto de Investigaciones Antropológicas, UNAM
Dr. Linda Rosa Manzanilla-Naim, member of El Colegio Nacional, is author and editor of 27 books and 190 articles and chapters on subjects related to the emergence and change of early urban societies in Mesoamerica, Mesopotamia, Egypt, and the Andean Region. One subject that has been of her main interest are the characteristics of corporate, multiethnic societies, such as Teotihuacan: the domestic life of the inhabitants, its government at the neighborhood and state levels, as well as the detailed analysis of its multiethnic population and the movement of foreign raw materials and goods. She has been a pioneer in the interdisciplinary perspective in archaeology, and the recipient of many awards, such as the Shanghai Archaeology Forum Research Award. She has excavated in Mexico (particularly at Teotihuacan and Cobá); Bolivia (Tiwanaku), Egypt (Ma‘adi), Eastern Anatolia (Arslantepe), Migdal (Israel).

Jesper Nielsen, Associate Professor, Department of American Indian Languages and Cultures, University of Copenhagen
The research of Dr. Jesper Nielsen focuses on Mesoamerican iconography, epigraphy and religion, in particular in Teotihuacan, Epiclassic and Maya cultures. He also has an interest in early Colonial studies, as well as research history. Currently Jesper is also a member of the Proyecto La Pintura Mural Prehispánica en México at the UNAM, and he has published numerous books and articles and chapters in international peer-reviewed journals (including Ancient Mesoamerica, Antiquity, Latin American Antiquity and Ancient America) and edited volumes. Recent book publications include Palaces and Courtly Culture in Ancient Mesoamerica, co-edited with Julie Nehammer Knub & Christophe Helmke, Oxford, 2014; The Writing System of Cacaxtla, Tlaxcala, Mexico, co-authored with Christophe Helmke, Ancient America Special Publication No. 2, and Restless Blood: Frans Blom, Explorer and Maya Archaeologist, co-authored with Tore Leifer an Toke Sellner, San Francisco & New Orleans, 2017.

Megan E. O’Neil, Associate Curator, Art of the Ancient Americas, LACMA
Dr. Megan E. O’Neil received her B.A. in Archaeological Studies from Yale College, an M.A. in Art History from the University of Texas at Austin, and a Ph.D. in History of Art from Yale. Before LACMA, she taught at several universities. Her first book, Engaging Ancient Maya Sculpture at Piedras Negras, Guatemala (University of Oklahoma Press 2012), examines how the ancient Maya used sculptures to make contact with the past and how sculptures inspired reception and performance. She also has published on related topics in the journals Res, Ancient Mesoamerica, and the Journal of Visual Culture and in edited volumes. She published a revised edition of the book Maya Art and Architecture, co-authored with Mary Miller (Thames and Hudson 2014), and contributed to the award-winning book, Ancient Maya Art at Dumbarton Oaks (2012), and. For LACMA, she curated the exhibitions Revealing Creation: The Science and Art of Ancient Maya Ceramics; Forces of Nature: Ancient Maya Arts at the Los Angeles County Museum of Art, which will tour in China in 2018-2019; and City and Cosmos: The Arts of Teotihuacan.

Yosi Pozeilov, Senior Conservation Photographer, Conservation Center, LACMA
Yosi Pozeilov joined LACMA as Senior Conservation Photographer in 2003. He was in charge of converting the conservation photographic studio from film to digital capture; this digital implementation has encompassed all aspects of imaging and documentation at the center. In 2004 he was invited by the American Institute of Conservation to teach his first workshop on digital photography for conservation at their annual meeting. Since then, Yosi continues to teach this workshop at several venues across the country, on-line and internationally. Most recently at LACMA, Yosi has been implementing advanced imaging techniques like Reflectance Transformation Imaging (RTI), Multispectral imaging, Photogrammetry and Rollout Photography. He has established protocols for imaged-based condition reporting with the use of mobile technology and tablets.

Kim Richter, Senior Research Specialist, Director’s Office, Getty Research Institute
Dr. Kim Richter was formerly assistant curator of the arts of the Americas at the Fowler Museum at UCLA. Her awards include the Edward A. Dickson Fellowship and the Dumbarton Oaks Junior Fellowship. Her publications include the coedited The Huasteca: Culture, History, and Interregional Exchange (2015). Recently, Dr. Richter co-curated the exhibition Golden Kingdoms: Luxury and Legacy in the Ancient Americas, for the Getty Museum and the Metropolitan Museum of Art, and co-edited the exhibition catalogue.
Matthew H. Robb, Chief Curator, UCLA Fowler Museum
Prior to joining the Fowler Museum, Dr. Matthew Robb was the first curator of the Arts of the Americas at the de Young Museum in San Francisco, where he curated *Teotihuacan: City of Water, City of Fire* and edited the accompanying catalogue. Previously, he was associate curator in charge of the department of the arts of Africa, Oceania and the Americas at the Saint Louis Art Museum. Robb earned an undergraduate degree in 1994 from Princeton University, a master’s degree in 1999 from the University of Texas at Austin and a Ph.D. in 2007 from Yale University, where his thesis on the apartment compounds of Teotihuacan was awarded the Frances Blanshard Fellowship Fund Prize for an Outstanding Dissertation in the History of Art. Robb has lectured and written on a broad range of subjects in the indigenous arts of the Western Hemisphere, from the copper plaques of the ancient Midwest to the history of collecting pre-Columbian art in the 1950s and ’60s, and has contributed essays to a number of edited volumes and journals.

Nawa Sugiyama, Assistant Professor, Department of Sociology and Anthropology, George Mason University
Dr. Nawa Sugiyama received her Ph.D. in Anthropology at Harvard University in 2014 and after was a Peter Buck Post-doctoral Fellow at the National Museum of Natural History at the Smithsonian Institution. For her dissertation, professor Sugiyama documented the earliest evidence of carnivore management in Mesoamerica at the site of Teotihuacan. Post-doctoral work on the felids associated with Altar Q in Copan, Honduras, also demonstrated a wider practice of managing wild carnivores for ritualistic purposes. In both cases she combines zooarchaeological and isotopic data to reconstruct how past human-animal encounters were integral components of the cosmological and socio-political landscape. Currently, she is co-director of the Project Plaza of the Columns Complex at Teotihuacan, Mexico. She founded the Archaeological Sciences Laboratory at George Mason University to continue her interest in utilizing zooarchaeological and isotopic analysis to reconstruct ancient animal and human diets, migration patterns and environments. Professor Sugiyama has conducted her fieldwork, lab work and writing with the support from various institutions including the National Science Foundation, the Smithsonian Institution, Dumbarton Oaks Research Library and Collection, Harvard University, and the Fulbright Foundation.

Saburo Sugiyama, Research Professor, School of Human Evolution and Social Change, Arizona State University
Dr. Saburo Sugiyama obtained a Ph.D. in Anthropology from Arizona State University. He carried out extensive fieldwork at varied sites in Mexico, particularly at the Feathered Serpent Pyramid, the Moon Pyramid, and the Sun Pyramid, and currently is co-director of the Plaza of the Columns complex in Teotihuacan. He also worked at Palenque, Becan, Cacaxtla, and the Great Temple of the Aztecs among others. He has published more than 100 articles in academic journals or books including “Human Sacrifice, Militarism, and Rulership: Materialization of State Ideology at the Feathered Serpent Pyramid, Teotihuacan” from Cambridge University Press. He received several awards and honors including “H.B. Nicholson Award for Excellence in Mesoamerican Studies,” from Harvard University, Research Award from the Chinese Academy of Social Sciences, and “Commendation from the Minister of Foreign Affairs” from the Japanese government. He is Professor Emeritus of Aichi Prefectural University in Japan.

Karl Taube, Professor, Department of Anthropology, University of California Riverside
In addition to extensive archaeological and linguistic fieldwork in Yucatan, Professor Taube has participated on archaeological projects in Chiapas, Mexico, coastal Ecuador, highland Peru, Copan, Honduras and in the Motagua Valley of Guatemala. Taube is currently serving as the Project Iconographer for the San Bartolo Project in the Peten of Guatemala. Taube has broad interests in the archaeology and ethnology of Mesoamerica and the American Southwest, including the development of agricultural symbolism in pre-Hispanic Mesoamerica and the American Southwest, and the relation of Teotihuacan to the Classic Maya. Much of his recent research and publications centers upon the writing and religious systems of ancient Mesoamerica.