

Conservation Science Colloquium Speakers

The Edith O'Donnell Institute of Art History Hosted by The Dallas Museum of Art November 12, 2018



Norman Tennent, Emeritus Professor at the University of Amsterdam since 2014, graduated with a PhD in chemistry from Glasgow University and worked as a post-doctoral researcher at the Ohio State University. In 1975, he was appointed to establish a new conservation science section for Glasgow Museums & Art Galleries, where he remained till 1987 when he began a career as a freelance conservation science researcher, teacher and consultant. Research interests include polymer degradation and stability, indoor atmospheric pollution, the technical study and conservation of inorganic materials and the re-evaluation of former conservation treatments. He is a former editor of *Studies in Conservation*, founding editor of *Reviews in Conservation* and has more than a hundred published articles. In 2001 he was appointed to a special Chair at the University of Amsterdam and became the first full Professor of Conservation Science in 2009. Since 2016, Norman has been associated with conservation science at The Edith O'Donnell Institute of Art History (EODIAH) and was appointed Visiting Conservation Scientist at EODIAH in 2018 for a 3-year term. normantennent@yahoo.co.uk



Dr. Robert van Langh (1968) has been head of the Department of Conservation & Science at the Rijksmuseum in Amsterdam since 2006. Beginning as a gold- and silversmith, Robert was subsequently trained as a conservator at the National Institute of Fine Arts in Antwerp. After working at the Museum of the Tropics, he became a metals conservator at the Rijksmuseum in 1995. During this time he developed the metals conservation training program now being taught at the University of Amsterdam.

In 2012 he finished his PhD at Delft University of Technology combining Materials Science and Art History with the title: 'Technical Studies of Renaissance Bronzes'. As of 2015 Robert is also chair of NICAS (Netherlands Institute of Conservation, Art and Science), a new innovative multidisciplinary research center housed in the Rijksmuseum Conservation building, uniting art history, conservation and science.



Amy V. Walker is the Interim Head and Professor of Materials Science and Engineering, University of Texas at Dallas. She was previously an Assistant Professor of Chemistry and an inaugural member of the Center for Materials Innovation at Washington University in St. Louis. She holds a B.A. in physics and a Ph.D. in chemistry from Cambridge University in England. Her research concerns the development of simple, robust methods for constructing complex two- and three- dimensional structures by manipulating interfacial chemistry, as well as surface/imaging analytical techniques for probing the structures produced. The primary technique employed in her research group is time-of-flight secondary ion mass spectrometry (TOF SIMS), and she has an active program in the development of TOF SIMS and data analysis. To date Amy has published over 90 papers and 4 book chapters. In recognition of her research she was made a Fellow of the AVS (American Vacuum Society) in 2015, and awarded an ACS Progress/Dreyfus Lectureship in 2008, a DuPont Young Professor Grant in 2006 and a Ralph E. Powe Junior Faculty Enhancement Award in 2003. In addition to her regular departmental duties, Amy is the 2018 Chair of the AVS Trustees (Awards Committee) and has been elected the 2020 AVS President.



Jodie Utter, Senior Conservator of Works on Paper for the Amon Carter Museum of American Art, holds a graduate degree from the Art Conservation Program at Winterthur/University of Delaware. Utter has taught numerous classes and workshops and given lectures on conservation, preservation, and artists' pigments. She has conducted extensive research on the watercolor materials and techniques of Charles M. Russell, resulting in numerous lectures and publications, including a technical study published in a definitive book entitled *Charles M. Russell, Watercolors 1887-1926*. She is a fellow of the International Institute for Conservation (IIC) and the American Institute for Conservation (AIC), and is a member of Western Association for Art Conservation (WAAC), Midwest Regional Conservation Guild (MRCG), and the American Society of Trace Evidence Examiners (ASTEE).



Guus Verhaar is a postdoctoral researcher in a project concerning the chemical degradation of glass in museum collections. The project is funded and facilitated by the University of Texas at Dallas (EODIAH), the Corning Museum of Glass, and the Rijksmuseum. He holds a PhD in conservation science from the University of Amsterdam, an MA in conservation science and a BSc in physics and astronomy. Before embarking on his PhD research, he held a one-year appointment as research technician with the Rijksmuseum. His research is aimed at providing practical tools and recommendations for conservators and curators, as well as studying the fundamental glass chemistry processes occurring as a result of atmospheric deterioration.



Ignacio Pujana Dr. Pujana's research is focused in sedimentary geology, including stratigraphy, biostratigraphy, and micropaleontology as working tools. He is presently working on microscopic fossils of Mesozoic age (251-66 million years old), particularly Radiolarians. Dr. Pujana is a member of the UTD Geosciences Department, where he teaches six courses: Oceanography, Paleontology, Earthquakes and Volcanoes, Geology Environments and Resources of Latin America, Physical Geology and Historical Geology.

Two years ago Dr. Pujana and Robert Stern started the Micro Imaging Lab in the Department of Geosciences. This Lab is devoted to imaging natural materials at several scales and analyzing elemental compositions in a non-destructive way.

The UTD Geosciences Micro-Imaging Lab includes a Scanning Electron Microscope (with EDX), a portable XRF Niton™ XL3t Ultra spectrometer, a Gigamacro imaging system, microscopes, and photographic light stand. Our web page (which is still under construction) is at <https://www.utdallas.edu/microimaging>.