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## Employment

**The Courtauld Institute of Art**  
London, United Kingdom  
Sept 1 2020 → present

### Head of Conservation

Department of Conservation  
The Courtauld Institute of Art  
Sept 1 2020 → present

## Research outputs

### Increased NIR photoluminescence of Egyptian blue via matrix effect optimization

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### X-ray and Infrared Microanalyses of Mona Lisa's Ground Layer and Significance Regarding Leonardo da Vinci's Palette

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### A study of cadmium yellow paints from Joan Miró's paintings and studio materials preserved at the Fundació Miró Mallorca

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### Digital technology virtual restoration of the colours and textures of polychrome Bodhidharma statue from the Lingyan Temple, Shandong, China

Tong, Y., Cai, Y., Nevin, A. & Ma, Q., Jan 18 2023, In: *Heritage Science*. 11, 12, p. 1-17 17 p.

**Optimization of conditions for the cleaning of overpaint from the stone carvings of the Potala Palace, Tibet using enzyme-based cleaning agents**

Guo, J., Shi, E., Mu, X., Han, J., Wu, W., Song, Y., Da, S., Dawa, O., Gua, F., Guo, L. & Nevin, A., Jan 1 2023, In: *Journal of Cultural Heritage*. 59, p. 83-92 p.

**Focus Point on Advances in Photonics for Heritage Science: Developments, Applications and Case Studies**

Comelli, D. (ed.), Nevin, A. (ed.) & Valentini, G. (ed.), Sept 30 2022, *European Physical Journal Plus*.

**Analytical Approaches to the Analysis of Paintings: An Overview of Methods and Materials**

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**Paints and Binding Media**

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**Multi-Analytical Assessment of Bodied Drying Oil Varnishes and Their Use as Binders in Armour Paints**

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**An investigation into the synthesis of cadmium sulfide pigments for a better understanding of their reactivity in artworks**

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### **Comparative Visual Examination of Medardo Rosso's *Bambino ebreo***

Nevin, A. & Hecker, S., Oct 26 2020, *Finding Lost Wax: The Disappearance and Recovery of an Ancient Casting Technique and the Experiments of Medardo Rosso*. Hecker, S. (ed.). Brill, p. 235-255 (Studies in Art & Materiality; vol. 3).

### **Creative Inconsistencies: Compositional Analysis of Rosso's Waxes**

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### **The identification of synthetic organic red pigments in historical plastics: Developing an in situ analytical protocol based on Raman microscopy**

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### **An exploratory study for the non-invasive detection of metal soaps in paintings through optical coherence tomography**

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### **An 'imperial radiation': Experimental and theoretical investigations of the photo-induced luminescence properties of 6, 6'-dibromoindigo (Tyrian purple)**

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### **Degradation of cadmium yellow paint: new evidence from photoluminescence studies of trap states in Picasso's *Femme (Époque des "Demoiselles d'Avignon")***

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### **Egyptian blue pigment in East Mediterranean wall paintings: a study of the lifetime of its optical infrared emission**

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### **Heritage Wood: Investigation and Conservation of Art on Wood**

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### **In-situ technical study of modern paintings part 1: The evolution of artistic materials and painting techniques in ten paintings from 1889 to 1940 by Alessandro Milesi (1856-1945)**

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**Time-resolved photoluminescence microscopy combined with X-ray analyses and Raman spectroscopy sheds light on the imperfect synthesis of historical cadmium pigments**

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**The Noninvasive Analysis of Painted Surfaces: Scientific Impact and Conservation Practice**  
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