

## Paper Conservation | Technical Research Projects | Past and Ongoing

- Non-destructive analysis with XRF, FTIR, Raman spectroscopy and Microfadeometry of photographs from the Museum's collection (with Getty Conservation Institute)
- Ongoing non-destructive instrumental analysis to characterize the materials and painting techniques of manuscript illuminations from the Museum's collection
- Technical study of gold, silver, and other metals (and their grounds) in manuscript illuminations
- Analysis of surface coatings on photographs by Gustave Le Gray - XRF and FTIR (with the Getty Conservation Institute)
- Continued non-invasive, technical analysis to characterize and/or identify black drawing media with the Getty Conservation Institute
- Collaborative study of Degas's Russian Dancers, on long-term loan to the Getty Museum, for November 2016 installation
- Analysis of the pigments, watermarks, and binding structures of the manuscripts of Martín de Murúa with Karen Trentelman (Getty Conservation Institute) and scholars of post-colonial Peru
  - [http://www.getty.edu/conservation/publications\\_resources/newsletters/23\\_1/gcnews1.html](http://www.getty.edu/conservation/publications_resources/newsletters/23_1/gcnews1.html)
- Collaborative analytical research into the techniques and workshop practices of Florentine painter and illuminator Pacino da Bonaguida
  - [http://www.getty.edu/conservation/our\\_projects/science/florentine/](http://www.getty.edu/conservation/our_projects/science/florentine/)
- Use of rigid polysaccharide gels in the conservation treatment of works of art on paper and photographs