Painting Techniques of Ottoman Interiors: reconstructing decorative panels from a Damascus Room at the Metropolitan Museum of Art
Lauren Fair, Beth Edelstein, and Adriana Rizzo

This interior dates to 1707 and functioned as a reception chamber, or qa’a, in the house of an affluent family in Damascus, Syria. Poplar wall paneling and ceilings are decorated with layers of gesso with raised relief designs, known as ‘ajami, metal leafing, colored glazes, and bright paint colors.

The current appearance exhibits multi-layered, darkened restoration varnishes that obscure the once-vibrant colors and interplay of light between reflective and matte surfaces. Small blue backgrounds of calligraphy panels, once a brilliant blue, are now so darkened they appear to be black.

The project purpose is to illustrate the intended appearance of the room, and to better understand the original techniques and materials. Images of the reconstructed panels will be part of the didactic materials available to museum visitors on a computer kiosk at the room’s entrance.

Analysis of the original pigments and media, supplemented by recipes and techniques from historic treatises and current research, guided the selection of materials for the reconstruction [1, 2]. Identified paint pigments include minium, vermilion, basic verdigris, smalt, carbon black, and lead white; glaze colorants include aloe (orange), verdigris (green), and cochineal (red).

The calligraphy panel is integrated in the wall paneling and is the second of 27 panels with Arabic poetry in thuluth jali script. This panel reads: “(May) feasts of rejoicing remain with you eternally.”

The door panel and frame are from the upper section of one set of cupboard doors on the south wall.

Acknowledgements
for their significant contributions: Mecka Baumeister, Anke Scharrahs, Elinor Holland, Rice Keplinger, Timothy Hayes, Margaret Lawson, Stewart Pollen, Lisa Barro, Katie Sikoryak, Hiromi Nomurajima, Frances Sultan.


1. Tin leaf
2. Aloe orange glaze
3. Minium/vermillion flower
4. Cochineal red glaze
5. Restoration varnish layers, dirt between layers

Sample taken from red flower on border

Sample taken from red flower on border

Neutral verdigris lead white

Neutral verdigris lead white, and saffron