

## Elizabeth N. Glander

1303 Delaware Ave. Apt 1001, Wilmington, DE 19806

(386) 747-0621 [eglander@udel.edu](mailto:eglander@udel.edu)

<https://elizabethglander.wixsite.com/glanderconservation>

---

### **Education**

Winterthur University of Delaware Program in Art Conservation

Expected Graduation Date: Fall 2027

Paintings Major

Co-Leader for Class of 2027

Walsh University, B.A.

Major: Museum Studies

Minors: Chemistry, Art History, & Art

Graduated: May 2022, *Summa Cum Laude*

Cumulative GPA: 3.98

Undergraduate Research:

Museum Studies Senior Capstone Project: *Developing a Disaster Plan for the Plattsburgh State Art Museum in New York*

Chemistry Research: *Investigating the Oddy Test Through Testing Materials Commonly Used Around a Museum's Collection While Challenging Inconsistencies*

---

### **Relevant Coursework**

Advanced Paintings Conservation: This course is for paintings majors with topics on historical and current treatment methodologies, examination and performing treatments. Seminar include, but are not limited to, consolidation, tear repair, linings, varnishes, and inpainting.

Instrumental Techniques: Students working with Winterthur and University of Delaware scientists to learn about different analytical techniques including XRF, XRD, FTIR, Raman, SEM-EDS, and GC-MS. Students create a research proposal in the fall and then implement the research in the spring.

Reconstruction Painting Independent Study: This independent study goes through the process of reconstructing a painting using historically accurate materials. This provides hands-on experience in the creation process as well as gain an understanding of the working properties for the materials.

---

## **Conservation Experience**

### **Contract Conservation Technician**

November 2025

Flux Art Conservation, Philadelphia, PA

Supervised by Elizabeth Nunan

Material focus: painting

#### **Treatment**

- Modern and contemporary painting on canvas.
  - Assembled strainer. Unrolled painting and dry surface cleaned verso. Stretched painting onto strainer.

### **Project Intern**

June-July 2025

National Gallery of Art, Washington, D.C.

Supervised by Jay Krueger, Head of Painting Conservation; Molly Hughes-Hallett, Project

Painting Conservator; Brianna Weakley, Project Post Graduate Painting Fellow; Michelle Facini,

Head of Paper Conservation; Michelle Stein, Paper Conservation Technician

Project grant funded by the Getty Institute's Conserving Canvas Project

Material focus: paintings

#### **Treatments**

- *The Nebulae*, 1929, Robert Winthrop Chanler, oil on canvas.
  - Consolidated lifting paint around tears. Learned and implemented thread-by-thread tear mending to stabilize tears in the canvas.

#### **Additional Experiences**

- Artists' Material Collection
  - Added recent donation to FileMaker (collection database), photographed objects, created paint drawdowns, created housing and placed objects in storage.
- Gallery Condition Checks
  - Reviewed records in FileMaker for paintings in the galleries, checked the current condition of the painting, and updated records in FileMaker. Used a soft bristle brush to gently remove dust from the surface of the paintings. If painting was glazed, used a soft cloth to remove finger prints.

**Preprogram Intern**

March-August 2024

Williamstown &amp; Atlanta Art Conservation Center, Williamstown, MA

Supervised by Helene Gillette-Woodard, Senior Objects Conservator and Head of Objects

Material focus: objects and textiles

Treatments

- *Chinese Burial Temple*, date unknown, once known artist, soapstone.
  - Measured and cut carbon fiber rods to replace deteriorating original pegs. Reattached broken pieces with B72 in acetone. Create instructions and annotated diagram identifying how to assemble object.
- *Taichi*, 1985, Ju Ming, bronze.
  - Applied patina to and tone newly welded areas. Washed, rinsed, and dried. Applied tinted wax and buffed surface.
- *Lion sculptures*, c. late 1800s, once known artist, concrete.
  - Stabilized cracks in concrete. Created fills.
- *Pastoral Staff*, c. 1890s, once known artist, sting-ray leather, aluminum, gold, enamel.
  - Removed leather from handle and humidified to reshape and flatten. Reduced aluminum corrosion mechanically. Assisted with reattaching leather to handle.
- *Billard ball table pockets*, c. 1800s, once known artist, leather, textiles.
  - Created leather fills for areas of loss. Recreated textile to be used as a fill by color matching paint, applying it to a new textile, and recreating the design in the paint prior to it drying.
- *Trunk cover and trunk*, c. late 1800s, attributed to S. L. Clements, canvas, leather, wood, metal.
  - Surface cleaned, consolidated red rot, applied patches to holes and tears, lined canvas trunk cover,
- *Silver fish pendant*, c. mid 1900s, casted silver fish and blue ribbon.
  - Removed double sided tape and adhesive residue, lined ribbon, used couching stitches to reattach detached ribbon section, surface cleaned and removed silver tarnish, created mounting board.

Additional Experiences

- Assisted with lab tours.
- Assisted with conservation education workshops.

**Preprogram Intern**

June-August 2023

Toledo Museum of Art, Toledo, OH

Supervised by Emily Cummins, Associate Objects Conservator; Marissa Stevenson, Associate Conservator of Textile Based Collections

Material focus: objects and textiles

## Treatments

- *Cruet Set: Silver Stand*, 1862, designed by Christopher Dresser and manufactured by Hukin & Heath, sterling silver and glass.
  - Performed solubility and cleaning tests, removed lacquer, removed silver tarnish, adhered silver component onto its glass component, and applied lacquer coating.
- *Pinkerton, B 04-11-03*, 2004, Jun Kaneko, cast bronze with patina and steel table with patina, located outside.
  - Washed, rinsed, and dried. Removed corrosion from top of mild steel table and applied protective coating. Applied wax to bronze and buffed into surface.
- *Migrating Pedmarks*, designed 1998 and cast 2008, Lynda Benglis, cast bronze, located outside.
  - Washed, rinsed, and dried. Applied tinted wax to interior and shoe polish to exterior.
- *The Seated II*, 2019, Wangechi Mutu, cast bronze, located inside.
  - Dry dusted, applied wax, and buffed surface.
- *Second Daughter*, 1989, Deborah Butterfield, cast bronze, located outside.
  - Washed, rinsed, and dried. Applied wax and buffed surface.
- *Vermont (The Autumn)*, 1984, Jim Dine, cast bronze, located outside.
  - Washed, rinsed, and dried. Applied hot wax and buffed surface.
- *Untitled*, 1991, Joel Shapiro, cast bronze, located outdoors.
  - Washed, rinsed, and dried. Applied hot wax and buffed surface.
- *John Burroughs*, 1918, Cartaino di Sciarrino Pietro, cast bronze, located outside.
  - Washed, rinsed, and dried.
- *Figure on Trunk with Wheels – Big*, 2000, Magdalena Abakanowicz, cast bronze, located outside.
  - Removed corrosion, washed, rinsed, and dried. Applied wax and buffed surface.
- *Gorilla*, Daisy Youngblood, 1996, cast bronze, located outdoors.
  - Washed, rinsed, and dried. Applied tinted wax and buffed surface.
- *Polar Bear Bench*, Judy McKie, 2000, carved marble, located outdoors.
  - Washed and rinsed.
- *Bearing Figure with Amphora*, Howard Ben Tré, 1995-1997, cast colorless low-expansion glass, gold leaf inclusion, patinated cast bronze, and granite casing, located outdoors.
  - Washed and rinsed.
- *Pair of Parallelogram Chairs*, Scott Burton, 1987, polished balmorall granite, located outdoors.
  - Washed, rinsed, and dried.
- *Moon Mirror*, Josiah McElheny, 2019, stainless steel with pressed colored prismatic glass, located outdoors.
  - Washed, removed corrosion, rinsed, and dried.
  - Created log sheet for tracking damages to the glass panels.
- *Printed Cotton Fragment*, unknown artist, c. 19<sup>th</sup>-century, Europe.

- Performed microscopy analysis on thread samples.
- Mounted textile fragment onto a permanent mount for storage and exhibition.

### Additional Experiences

- Assisted with integrated pest management (IPM) and gallery cleaning.
- Assisted conservators with security reported incidents including water leaks, insect activity, and visitors touching artwork.
- Wrote treatment reports and uploaded to Articheck, a digital art condition reporting program.
- Rehoused Netsuke for storage and updated inventory spreadsheet with descriptions and locations.
- Performed the Oddy Test and reviewed results.

### **Preprogram Intern**

Summers 2020 & 2021

ICA – Art Conservation, Cleveland, OH

June 2022-February 2024

Supervised by Andrea Chevalier, Director of Conservation and Head of Paintings Conservation; Wendy Partridge, Paintings Conservator; and Claire Curran, Objects Conservator

Material focus: paintings, objects, and preventive

### Treatments

- Model airplanes, artist unknown, c. mid-late 20<sup>th</sup> century, balsa wood, metal, and plastic, treatment ongoing.
  - Consolidation, surface cleaning, assisting with replacing missing and degraded pieces, and reattaching detached components.
- *Lecture Chart*, Archibald Willard, early 20<sup>th</sup> century, distemper on canvas.
  - Surface cleaned, removed loose threads along the edges and at tears, applied damp blotters and weights to relax wrinkles, reinforced tears and holes with rayon tissue coated with Beva 371, attached PeCap 7-330T coated with Beva 371 with a tacking iron for strip lining.
- *Mural for Black House*, artist unknown, c. 1970-72, acrylic on canvas.
  - Mechanically removed old glue from back of canvas, attached canvas insert, assisted conservators with lining.
- Objects and facsimiles related to the establishment of Alcoholic Anonymous, 20<sup>th</sup>-century.
  - Removed old mounts, surface cleaned, created, and installed custom Mylar photo corners for facsimiles, and assisted with securing linen to Coroplast for display cases at a Summa Health wellness center in Akron, OH.
- Rehoused materials from 1901 Freemasons time capsule prior to treatment.
- 19<sup>th</sup> and 20<sup>th</sup> century frame treatments.
  - Consolidated loose gesso, removed surface grime, inpainted areas of loss.

- Removed detached pieces of plaster, secured loose pieces of plaster, removed surface grime, inserted a mixture of methyl cellulose, microballoon glass bubbles, and titanium white pigment in large crevices, inpainted smaller areas of loss.
- Created custom storage box & insert for 19<sup>th</sup>-century medicine vials.

### ICA Education Collection

- Education Collection Inventory.
  - Worked with other interns to create and update a searchable education collection inventory spreadsheet.
  - Inventoried, documented, and photographed collection.
- African textile samples documentation and rehousing.
  - Photographed and rehoused samples in mylar envelopes.

### Ohio Heritage Emergency Response Association (OHERA) Spreadsheet

- Worked as part of a team to create a master list of heritage organizations in Ohio for use by first responders and county offices of emergency management.
  - Began going county by county in Ohio to find historical landmarks, historic houses, museums, libraries, archives, archeological sites, and performing arts organizations.
  - Each entry includes the name of organization, address, GPS coordinates, and contact information.
- Inputted information into a master spreadsheet.
  - All 88 counties in Ohio have been mapped and the final master spreadsheet has 5,533 entries.
- White paper written.
- Supervised two other summer interns, Summer 2021.
  - Assigned counties and reviewed quality of work.

### Additional Experience

- Assisted with Education Tours.
- Attended webinars offered by ICA – Art Conservation, Ohio Museum Association, and Emerging Conservation Professional Network (ECPN).

---

## Work Experiences

### Laboratory Technician

August 2023-January 2024

Plasma Futures

Adrienne Blocklin, Project Manager

- Utilized the Extech RHT20 to monitor and analyze temperature and relative humidity levels of the laboratory.
- Utilized a cold plasma generator and Teledyne NO Analyzer Model T1200M that uses chemiluminescence for measurements pertaining to NO gas research.
- Wrote standard operating procedures (SOPs) for operating the instruments.
- Maintained laboratory equipment and instrumentation.

### Chemistry Research Assistant

June 2022-February 2024

Walsh University, Chemistry Department

Dr. Peter Tandler, Research Advisor

- Performed Oddy Tests on commonly used display case materials.
- Used headspace and pyrolysis GC-MS on commonly used display case materials.
- I anticipate publishing a literature review on the Oddy Test.

### Archives Intern

January 2022-May 2022

Walsh University Archives

LuAnn Boris, Library Director

- Created collection inventory spreadsheet.
  - Included location of item, housing, and condition.
- Reorganized the collection.
  - Organized like collection items together.
  - Updated inventory spreadsheet.
- Performed research requests.
  - When alumni and student organizations requested information from the archives, searched collection and wrote response with findings.

### Summer Research Assistant

June-August 2021 &amp; 2022

Cleveland Philanthropy, Cleveland OH

Holly Witchey, Executive Director

- Performed primary research on historical topics pertaining to the Jephtha Homer Wade and the Wade family in the late 19<sup>th</sup> and early 20<sup>th</sup>-centuries.
- Reviewed transcription of journal, fact checked, created Chicago style endnotes and bibliography.
- Identified public domain images to be used in transcription.

Seasonal Gift Shop Employee May 2019-August 2021  
Akron Zoo, Akron OH  
Joan Hummel, Gift Shop Supervisor

Professional Ballet Dancer August 2009-May 2018

- Pittsburgh Ballet Theatre, Graduate Program 2 years
- Dayton Ballet, Company Member 3 years
- Louisville Ballet, Trainee 1 year
- Milwaukee Ballet, 2<sup>nd</sup> Company Member 2 years

### **Professional Development**

- *Pyrolysis GCMS Seminar and Demo with Frontier*; Walsh University, Shimadzu, and Frontier Lab, November 15, 2023.
- *Caring for Paper Collections*; ICA – Art Conservation and The Center for the Conservation of Art and Historic Artifacts (CCAHA), October 17, 2023.
- *Expanding Horizons: New Approaches in Display and Interpretation*; Toledo Museum of Art, July 20-21, 2023.

### **Presentations**

#### Oddy Test Research

- **Walsh University Community Science and Technology Summit**; Walsh University, November 14, 2023.
- **PITTCON**; *What Can Damage Museum Collections: Using Headspace and Pyrolysis GC-MS to Identify Harmful Materials*, oral presentation, March 20, 2023.
- **Walsh University Community Science and Technology Summit**; Walsh University, November 16, 2022.
- **Academic Celebration of Excellence Symposium**; Poster – *Investigating the Oddy Test Through Testing Materials Commonly Used Around a Museum’s Collection While Challenging Inconsistencies*, Walsh University, April 21, 2022.
- **Walsh University Teacher STEAM Event**; *Art Conservation & The Oddy Test*; Walsh University, December 16, 2021.

#### Museum Studies & Art History Research

- **Academic Celebration of Excellence Symposium**; Presentation - *Developing a Disaster Plan for the Plattsburgh State Art Museum in New York*; Walsh University, April 21, 2022.
- **Academic Celebration of Excellence Symposium**; Presentation – *Leonardo da Vinci’s Mona Lisa: Examining Medium and Technique Through Technical Studies and Conservation Reports*; Walsh University, December 2, 2021.

---

**Professional Organizations**

American Institute for Conservation (AIC)  
Student Member

February 2022-Present

- Member of Emerging Conservation Professional Network (ECPN).

---

**Additional Skills**

- Microsoft Office Suite
- FileMaker, Database Application
- Artichek, Digital Art Condition Reporting
- The Museum System (TMS), Collections Management
- Gas Chromatography-Mass Spectrometry
- Adobe Photoshop
- Polarized Light Microscope
- Conservation Photography

---

**References**

Mina Porell, Associate Paintings Conservator for Winterthur Museum, Garden & Library;  
Affiliated Associate Professor, Department of Art Conservation, University of Delaware

[mporel@winterthur.org](mailto:mporel@winterthur.org)

Molly Hughes-Hallett, Project Conservator at the National Gallery of Art

[molly.hugheshallett@gmail.com](mailto:molly.hugheshallett@gmail.com)