

Jana Butman

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Education

Brown/RISD Dual Degree Program | Providence, RI 2013-18

One of 13 students selected for a five-year dual degree program at Rhode Island School of Design and Brown University.

Brown University | Chemistry | Bachelor of Science

Rhode Island School of Design (RISD) | Furniture Design | Bachelor of Fine Arts

Corcoran College of the Arts and Design | Washington, DC 2012

Pre-College program in painting and drawing.

Experience

Preservation Research and Testing Junior Fellow | Library of Congress (LOC) | Washington, DC 2017

Used X-Ray Fluorescence, IR, HPLC, and optical microscopy to analyze the fouling materials on the surface of early recording media (e.g., wax cylinders, Edison Diamond Discs, shellac discs) and tested the performance of commercially available cleaning agents and new cleaning formulations and procedures for possible use at National Audiovisual Conservation Center (NAVCC).

Undergraduate Research Assistant | Brown University | Providence, RI 2016 - Present

Advisor: Prof. Jerome Robinson. Developed methods to synthesize novel organic ligands and lanthanide compounds. Purified compounds using chromatography and crystallization techniques and characterized products by NMR, TLC, mass spectrometry, and X-ray diffraction.

RISD Museum Guild | RISD Museum | Providence, RI 2016 - Present

Member of the RISD Museum education department's undergraduate group the Museum Guild. Worked collaboratively with Guild members to advertise, curate, and execute a night of performance art *Intermission/Intervention/Interruption* as part of the RISD Museum's programming series *Assembly*.

Art Department Intern | Sloans & Kenyon Auctioneers and Appraisers | Chevy Chase, MD 2016

Supported art department at auction house. Researched and appraised consignors' paintings and works on paper (prints and drawings). Wrote condition reports. Catalogued work in RFC auction systems and lotted work for sale on Invaluable.com. Installed work for display in auction. Took phone bids during live auction.

Exhibition Design Intern | Smithsonian National Portrait Gallery (NPG) | Washington, DC 2015

Assisted design and production department with exhibition design and gallery maintenance. Created mounts for Alexander Gardner photographs and stereocards in the Lunder Conservation Lab. Additional work with NPG registrar included art handling, crating, and framing. Designed and installed gallery graphics and signage.

Visual Arts Intern | Strathmore Hall Foundation | Rockville, MD 2014

Worked with visual arts and education departments. Curated and researched shows for the Mansion Gallery, tracked artwork sales, installed and de-installed artwork, ran gallery receptions and events, managed summer art education program, trained docents, and edited curator statements.

Technical Skills

Lab | Organic and Inorganic synthesis, Column Chromatography, Crystallization, Liquid/Gas Chromatography-Mass Spectroscopy, IR, UV-VIS, and NMR (1H, 13C, and 2D) spectroscopy, X-Ray Fluorescence, Optical Microscopy

Art/Conservation | Bookbinding, Flat Media, and Casework Installation, Art Handling, Sculpture/Frame Cleaning, Mat Cutting, Mount Making, Oil and Acrylic Painting, Drawing, Intaglio Printing, WAV Lift Operation

Software | Adobe Creative Suite including Photoshop and Acrobat, Autodesk AutoCAD, Inventor, and Revit, ChemDraw, Dassault Systems Solidworks/MasterCam, LabArchives, Microsoft Office including Word and Excel, RFC Auction Systems, TopSpin NMR

Construction | Woodworking (joinery, steam bending, bent lamination), Metalworking, Laser Cutting, CNC, 3D Printing, Foam Prototyping, Technical Drafting