

JILLIAN PELTO
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EDUCATION

2011-2015 University of Maine: BA in Earth Science and BA in Studio Art
Honors College High Honors; G.P.A.: 3.68
2016 University of Maine: Working on MS in Earth Science

WORK EXPERIENCE

2012-present Lead researcher, North Cascades, Washington. Study of 200+ glaciers to correlate with glacial retreat during climate change.
2009-present Field Assistant, North Cascade Glacier Climate Project, Washington.
2015 Field Assistant in the Falkland Islands; three weeks. Collection and lab analysis of sediment cores from the Falkland Islands; with Dr. Brenda Hall, UMaine Orono, and Dr. Thomas Lowell, UCincinnati.
2014-2015 Student Research Lab Assistant: analyzed peat cores from the Cordillera Darwin Range in Chile. Created ArcGIS map of 800+ mummified seal samples from the Dry Valleys, Antarctica; with Dr. Brenda Hall.
2013-2014 Student Research Assistant: completed map analysis of crevasse-monitoring program of Greenland; for Professor Dr. Gordon Hamilton.
2013-2014 Field Assistant in the McMurdo Dry Valleys, Antarctica; five weeks. Collected samples of mummified Crabeater, Weddell, and Leopard seals, created watercolors of field sites and seals; with Dr. Brenda Hall, UMaine Orono, and Dr. Paul Koch, UC Santa Cruz.
2012-13 Work-study position with UMaine Art Department, maintaining studios.

ART SKILLS

Painting: acrylic, watercolor
Field sketches and watercolors on location
Photography and editing
Printmaking: monoprint, woodcut, copper etching, screenprint, polyester plate lithography.

DIGITAL SKILLS

Creating core cross-sections in Adobe Illustrator
Comparing Greenland crevasse pattern changes with ESRI
Creating ArcMaps using Excel
ArcGIS, ESRI, Excel, Photoshop, Illustrator, Final Cut, Movie Maker, Social Media

FIELD SKILLS

Measuring glacial mass balance and stream discharge
Mapping and measuring crevasses and glacier margins
Selecting rock samples
Surveys of ice worms and mountain goats
Analyzing peat cores, sediment cores and glacial geology
Running peat Loss of Ignition tests
Detailed sampling and description of mummified seals and penguins

AWARDS, ACHIEVEMENTS and EXHIBITS

2016 Hakai Magazine, *Amplifying Data Through Art*, 08/22/16
2016 Daily Planet, *This Artist Has Turned Depressing Climate Change Data Into Stunning Art*, 08/17/16

2016 National Geographic Adventure, *This Artist Turns Dull Data Into Art—and a Call to Action*, 08/03/2016

2016 Climate Crocks, *NOAA: The State of the Climate*, 08/02/2016

2016 Bulletin of the Meteorological Society, NOAA, *State of the Climate in 2015*. Cover art

2016 NOAA Climate.gov, '*State of the Climate 2015*' author focus: *Father and daughter talk about their connection to climate, the wilderness of the North Cascades, and each other*, 08/02/2016

2016 Group Exhibition, *Data Art Show*, Joint Statistical Meeting 2016 Chicago.

2016 Creative Sensibility, *Spotlight: Jill Pelto – Data, Art, and a Cause*, 06/19/16

2016 1 Million Women, *This artist turns climate data into works of art*, 03/26/16

2016 Mental Floss, *This Scientist Transforms Climate Change Graphs Into Works of Art*, 03/18/2016

2016 GeoEd, *Using art in your science teaching and outreach. The why and the how*, 03/16/2016

2016 Stern, *Recognize what secrets hidden in these pictures?*, 03/13/16

2016 The Creators Project, *Climate Change Data Becomes Beautiful Nature Illustrations*, 03/12/16

2016 Smithsonian, *These Watercolor Paintings Actually Include Climate Change Data*, 03/11/16

2016 Public Radio International, *Watercolor? Look closer. It's a climate change graph!* 03/09/16

2016 Science Friday, *Connecting the Dots on Climate Change*, 03/08/16

2016 Glacier Hub, For Jill Pelto, *Science Intersects With Art*, 03/08/16

2016 Kitsap Sun, *Amusing Monday: Climate science finds artistic expression*, 03/07/2016

2016 Art the Science, *The SciArt Weather Report*, 03/06/16

2016 ClimateYou, [Jill Pelto: Artist Inspired by Climate Change](#), 02/27/16

2016 Rock Head Science, *Earth Science Artist, Jill Pelto @GlaciogenicArt: A Day in the GeoLife Series*, 03/05/16

2016 ArtBinder, *ArtBinder's Weekly Reads*, 02/29/16

2016 PBS NewsHour, *Painter captures the data of climate change in 7 stunning watercolors*, 02/22/16

2016 Fast Coexist, *These Beautiful Paintings Turn Depressing Climate Change Graphs Into Art*, 02/17/16

2016 Natural Resources Defense Council, *Paint by Numbers*, 02/16/16

2016 Huffington Post, *Climate Change This Week: Cool Landscapes, Hot Futures, and More!*, 02/09/16

2016 Creative Resistance, *Through An Artist's Eyes*, 02/16

2016 Kottke.org, *Climate Change Art*, 02/03/16

2016 Grist Article, *Artist turns climate data into striking paintings*, 02/03/16

2016 Wunderblog, *Climate Change Museum*, 02/02/2016

2016 Climate Central, *These Paintings Turn Climate Data Into Art*, 02/02/16

2015 Bangor Daily News, *Artistic scientist illustrates effects of climate change*, 12/30/15.

2015 Maine Journal online, *Communication of Science through Art*, 12/21/15.

2015-2016 Group Exhibition *Ghosts of Carnegie Hall* at Lord Hall Gallery, UMaine Orono.

2015 Exhibition of fieldwork sketches and paintings, Rock & Art Shop, Bangor.

2015 Co-Creator of short film *Visual Glacier Mass Loss: North Cascade Glacier Climate Project 2015*, played at American Geophysical Union Science Film Festival.

2015 Presented poster, and published a paper, for the 72nd Eastern Snow Conference.

2015 Group Exhibition at Zen Asian Bistro at Bangor Art Walk.

2015 Presentation of my work, using art to communicate science, to Tony DeRose, Research Group Leader at Pixar, at 2015 Maine Science Festival.

2015 Recipient of the Churchill Exploration Fund, Climate Change Institute.

2014 Presented poster at the Geological Society of Maine meeting at Bowdoin College.

2013-2015 Artworks selected for inclusion in the Dean's Exhibitions in Stevens Hall.

2012-2015 Juried into UMaine Student Art Exhibition.

2011-13 University of Maine Dean's List

2011-13 UNIVERSITY OF MAINE DEAN'S LIST.
2012 Awarded Center for Undergraduate Research fellowship, UMaine Orono, for my
 crevasse study in North Cascades, Washington.
2011-present Leader of UMaine Art & Design Club, open to major and non-majors, bi-monthly.