

Brittany Nicole Cox (b. USA, 1985)

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RESEARCH INTERESTS

- The connection between time and the sublime.
 - Birds: their migration patterns and behavior, as related to human impact.
 - Illuminating lost techniques used by ornamental turners of previous centuries for turning wood and ivory pieces, such as the Coburg Ivories.
 - Holography as related to guilloché on metal works.
 - Mechanical magic apparatus used and made by magicians past.
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PROFESSIONAL EXPERIENCE

Director, Memoria Technica **2012 - Current**

Memoria Technica, Seattle Washington, USA

Horological conservation and restoration of automata, mechanical music objects, mechanical magic, and complicated clocks and watches. Assessment and stabilization to full, in-depth conservation and analysis, as well as bespoke services. Management of complicated multidisciplinary multi-year projects, including large scale public clocks, museum clocks, and artist projects. Client outreach, management, finances, public engagement, research and academic writing, organizing and executing collaborations for charitable endeavors, responsible for conservation interns, build out of workshop, and curriculum development for classes.

City of Tacoma Clockmaker **2019 – ongoing**

Coordinating and developing a strategy for restoring the City of Tacoma’s public clocks. Duties have included restoration of the clock mechanism and motion works, dial fabrication, outsourcing jobs, contract writing, restoration proposals, treatment reports, and ongoing maintenance.

Planetary Environment Exploration Team, NASA **October 2019**

Bench training for the manufacture and assembly of instruments for planetary environments, Goddard Space Flight Center, Green Belt, MD, USA.

Conservator, Seattle Art Museum **October 2014 - ongoing**

Assessment, treatment, documentation of pieces for the Seattle Art Museum on a contract basis, Seattle, WA

Project Manager, Harmon Horological Workshop Catalogue and Liquidation **2013 - 2014**

Wolcott, Connecticut, USA

Assessment, cataloguing, valuation, and sale of contents of 5,000 square foot workshop, including thousands of tools, books, and other horological ephemera.

Junior Conservator, West Dean College **2012**

Cataloguing, assessment, documentation, cleaning, reassembly of the National Trust Anglesey Abbey’s complicated musical automaton Pagoda clock, UK

Conservation Internship, Museum Speelklok **2012**

Conservation of automata and mechanical music objects, Netherlands

Project Developer/Funding, West Dean College **2010 - 2012**

Research, grant writing, assessment, cross disciplinary collaboration and proposals for Temple Newsam’s George Pyke Clock Conservation Project

Guest Curator, Handel House Museum **2010 –2013**

Research and development of “The Triumph of Time over Music: George Frideric Handel and Charles Clay’s Musical Clocks”

RECENT NOTABLE PROJECTS

Bristlecone Time, a 5,000 year Sculpture by Jonathan Keats **Projected Completion 2024**

Horological and strategic consultant and guilloché artist, for the Nevada Museum of Art for Artist Jonathan Keats on his monumental scale public clock project.

Fluvial Time **2021 – ongoing**

Horological and strategic consultant for a UNESCO sponsored monumental scale public clock by Artist Jonathan Keats to be located on the Danube river in Vienna.

Only Watch Auction, Geneva Switzerland**November 2023**

Manufactured a custom original patterned guilloché watch dial in collaboration with Ludovic Ballouard for the Only Watch auction benefiting children suffering from Muscular Dystrophy.

Robotics Archive, Carnegie Mellon University**2022 – 2023**

Conservation Consultant for Carnegie Mellon University on assessing their collection of early robotics and devising a strategy for developing a working archive.

EDUCATION**MA, Museum Studies****July 2013**

West Dean College, University of Sussex, West Sussex, England

Dissertation title: “A Preliminary Investigation into Materials used for Bellows Coverings in Smoking Automata”

Committee: Lorna Calcutt, David Dorning, Matthew Read

Conservation of Clocks Post-Graduate Diploma, distinction**July 2012**

West Dean College, West Sussex, England

Additional training in the following areas:

- Leather Conservation training with The Leather Conservation Centre
- Papier-mâché under the tutelage of David Farrer
- Organ Building under the tutelage of Andrew Butterworth
- Silversmithing under the tutelage of John Norgate

Conservation and Restoration of Clocks Diploma**July 2011**

West Dean College, West Sussex, England.

Additional training in the following areas:

- Gilding under the tutelage of Judy Wetherall
- Silversmithing under the tutelage of John Norgate
- Blacksmithing under the tutelage of Andrew Smith
- Hand engraving under the tutelage of Wayne Parrot
- Wood working and dovetailing under the tutelage of Tom Kealy and Norbert Gutowski
- Lacquering under the tutelage of Francis Brodie
- Techniques in Horological polishing and finishing with Charles Frodsham & Co Ltd
- Mechanical music repair under the tutelage of Alan Godier

Watchmakers of Switzerland Training and Education Programme Certification**August 2010**

Watch Technology Institute, Seattle Washington, USA, 2010

Swiss American Watchmakers Training Alliance Certification**August 2010**

Watch Technology Institute, Seattle Washington, USA

Certified Watchmaker of the 21st Century, CW21 Certification**August 2010**

Watch Technology Institute, Seattle Washington, USA

BS, Philosophy, Cum Laude**May 2008**

University of Texas at San Antonio, USA

ADDITIONAL TRAINING

Micro-mechanics and manufacture with Phillip Peck, Mitchell Peck, Abington, PA **2017**

Manufacture of singing bird mechanisms with Efim Shargorodsky, New Holland, PA **2017**

Mount making workshop with James Hascall, Mount Making Focus, Seattle, WA **2017**

Traditional clockmaking with David Lindow, Lindow Machine Works, Lake Ariel, PA **2015 /2016**

TEACHING & ADVISING**Guilloché Instructor and Private Tutor, Memoria Technica****2015 – Current**

Developed curriculum for advanced and beginner’s engine turning classes. Collaboration with specialists in the field as visiting tutors.

International Guilloché Tutor, Queen Elizabeth Scholarship Trust**December 2022**

QUEST tutor for Scholar Seth Kennedy. Developed curriculum and lesson plan for teaching on two antique guilloché machines in the United Kingdom.

Tutor/Event Lead, The Field Trip Society**2017-Current**

Toy Automata, guilloché, and musical box classes	
Tutor/Event lead, Girl Scouts of Western Washington	2017
Toy automata class and history of horology, developed for earning a horology badge	
Tutor/Event lead, Atlas Obscura	2016 - 2018
Guilloché, Mechanical Music, Cardboard Automata workshops for adults and children	
Guest Tutor, Watch Technology Institute, Seattle WA	2012 – 2013
Visiting tutor, lecturer on specialist topics in antiquarian horology	
Short Course Tutor, Terrarium Craft, West Dean College	2012
Developed short course on botany and terrarium craft, taught over one day	
Organizer/Tutor, One day Watchmaking Workshop, West Dean College	2011
Developed one day workshop for interested staff and students to bring and learn about a family heirloom and the history of watchmaking	

ACADEMIC HONORS AND AWARDS

Finalist, Museum of Arts and Design Inaugural Burke Prize	2018
Awarded the Antiquarian Horological Society (AHS) Prize	2012
Outstanding work performed on an automaton ship	
Awarded the West Dean College Chairman's Prize	2012
Conservation work performed on automata	
Recipient of a Women's Jewellery Association Scholarship	2012
MA studies at West Dean College	
Recipient of a Scholarship from the York Foundation for Conservation and Craftsmanship	2012
MA studies at West Dean College	
Recipient an Edward James Foundation Scholarship	2012
MA studies at West Dean College	
Monument Trust Scholar	2011-2012
Academic Year including full tuition and accommodation fees, West Dean College	
Recipient of an Edward James Foundation scholarship	2011-2012
Recipient of the St Roche's Scholarship	2010-2011
Academic Year including full tuition and accommodation fees, West Dean College	
Recipient of a Women's Jewellery Association Scholarship	2010-2011
West Dean College	
Awarded a travel grant, Furniture History Society	2011
Research relating to a dissertation on royal clocks by Charles Clay, John & George Pyke	
Who's who, Dean's List, and Presidents list	2004-2007
Distinguished for academic achievement, UTSA	
Lifetime membership to Omicron Delta Kappa National Leadership Honour Society	2005
Based on academic achievement, UTSA	
Lifetime membership Alpha Chi National Honour Society	2005
Based on academic achievement, UTSA	
Lifetime membership Mortar Board	2005
Based on academic achievement, UTSA	

PUBLICATIONS

- Cox, Brittany N. Ed. Daniel Bunyard. London: Penguin, manuscript in preparation.
- Cox, Brittany N. "Where was now?" Vanity Fair Magazine Film & Tv Issue, On Time. October 2022.
- Cox, Brittany N. "In Real Time." The Long Now Foundation Newsletter, March 2021.
- Cox, Brittany N. and David Lindow. "Looking at Guilloché in Conservation." American Institute for Conservation of Historic and Artistic Works Post Prints, 2018.
- Cox, Brittany N. and Al Collins. *Sacred Geometry: A 16th Century Coloring Book*. Seattle: Memoria Technica, 2016.
- Cox, Brittany N. and Al Collins. *Sacred Geometry: Book of Receipts*. Seattle: Memoria Technica, 2016.
- Cox, Brittany N. "George Frideric Handel and Musical Clocks." Furniture History Society Newsletter, No.190, May 2013.
- Cox, Brittany N. "God Save the King - The Automaton Ship and Silver Shagreen Case." Antiquarian Horology, Volume 33, Issue 5, September 2012.

SELECTED EXHIBITIONS

Group Exhibition, *Good Witch/Bad Witch*, Museum of Museums, Seattle Washington, October 2020.

Group Exhibition, *The Future of Craft Part 2*. Museum of Arts and Design, NY, New York. October 2018 – March 2019. Details: <https://madmuseum.org/exhibition/burke-prize-2018>.

BIBLIOGRAPHY

PRINT MEDIA

- Warren, Lynn. National Geographic Magazine. Mysteries of a Virus. "Timeless Time Machines." February 2021. Available online at: <https://www.nationalgeographic.com/magazine/article/antiquarianhorologist-brittany-nicole-cox-uses-antique-tools-to-keep-timeless-timepieces-ticking>
- Archer, Sarah. American Craft Magazine. The Beauty Issue. "Beauty After Damage: Restoring a Music Box." July 2020. Available online at: <https://craftcouncil.org/magazine/article/beauty-afterdamage-restoring-music-box>
- Freidenrich, Emily. "The Antiquarian Horologist." Almost Lost Arts, Chronicle Books, September 2019.
- DeTillio, Samantha. Metalsmith Magazine. June 2019. "Mechanical Magic: The Automata of Brittany Cox".
- Berbegal, Peter. "In the (Uncanny) Valley of the Dolls." Strange Frequencies: the Extraordinary Story of the Technological Quest for the Supernatural, Penguin Books, 2018, pp.15-34.
- Kearns, Kristin. 2018. Burke Prize, exhibition catalogue. October 3, 2018 – March 17, 2019, Museum of Arts and Design, New York, NY.
- McClune, Danielle. ARCADE Magazine. 13 November 2018. "Designing Time: Antiquarian Horology and the Meaning of Craft." Available online at: <http://arcadenw.org/article/designing-time>
- Reddinger, Paige. Robb Report: Muse. 22 October 2018. "Ever Met an Antiquarian Horologist? How Brittany Nicole Cox brings the robots of yesterday back to life." Available online at: <https://robbreport.com/muse/discoveries/meet-an-antiquarian-horologist-2824090/>
- Liffman, Taz. Smith Journal. Summer 2018. "A Matter of Time."
- Craighead, Caroline. Seattle Magazine. March 2018. "On the Clock."
- Seim, Carrie. "Ahead of Her Time. Horologist Q & A." NY Post, Alexa Magazine, The Watch Issue. October 2017.
- The Stranger, Cortes, Amber. 6 September 2017. "Person of Interest: Antiquarian Horologist Nico Cox's World of Mechanical Clocks and Automaton Birds." Available online at: <http://www.thestranger.com/person-of-interest/2017/09/06/25390373/person-of-interest-antiquarian-horologist-nico-coxs-world-of-mechanical-clocks-and-automaton-birds>
- The Independent, Pozniak, Helena, 10 May 2012. "Conservation Courses: Breathe life into old treasures." Available online at: <http://www.independent.co.uk/student/postgraduate/postgraduate-study/conservation-courses-breathe-life-into-old-treasures-7733183.html>

RADIO/TELEVISION

- Barse, AJ. Analog Explorer. 28 April 2023. "Mechnica Intelligence?" Available online at: <https://beacons.ai/ajbarse>
- Unna, Liz. Director. Making Time, December 2022.
- Culyba, Michael. Director. Keeper of Time, April 2022.
- Boyle, Nikki. The Daily Smile Podcast. 13 January 2021. "The Antiquarian Horologist". Available online at: <https://www.iheart.com/podcast/272-the-daily-smile-62455185/>
- Atlas Obscura. Show & Tell with Antiquarian Horologist Nico Cox, May 2020. Available online at: <https://www.atlasobscura.com/videos/antiquarian-horologist-nico-cox>
- Atlas Obscura. Infrequently Asked Questions, November 2019. Available online at: https://www.youtube.com/watch?v=qZeu63dDmzM&feature=emb_logo
- Larson, Margaret. Host. New Day Northwest. 4 September 2019. Available online at: <https://www.king5.com/article/entertainment/television/programs/new-day-northwest/almost-lost-arts-book-emily-friedenrich-horologist-brittany-nico-cox/281-efb27dd8-87cb-4ffd-a7bb60fd14fb5c55>
- Roach, Stephen. Makers and Mystics podcast. 5 October 2018. Available online at: <http://www.makersandmystics.com/makersandmystics/2018/10/5/s4-e10-nico-cox-on-the-art-of-keeping-time>
- Karlinksy, Malia. Interview by Malia Karlinksy. Komo. Seattled Refined. 25 April 2017. "Seattle's Own

- Brittany Nicole Cox is one of the few Antiquarian Horologists in the world.” Available online at: https://sinclairstoryline.com/renderer/seattlerefined/people/seattles-brittany-nicole-cox-bringing-amazing-automata-back-to-life?LatestContent&_id=1524687317838
- Family, Farhod and Andrew Lampard. Interview by Andrew Lampard. CNN. Great Big Story. 21 March 2017. “A Craft of Future Past: Mastering Antiquarian Horology.” Available online at: <http://www.greatbigstory.com/stories/fixing-restoring-and-preserving-cutting-edge-machines-of-the-past>
- Guppy, Nancy. Interview by Nancy Guppy. Art Zone. Seattle Channel. 24 February 2017. “The Magical World of Brittany Nicole Cox.” Available online at: <http://www.seattlechannel.org/videos?videoid=x70829>
- Spitzer, Gabriel. Interview by Gabriel Spitzer. KPLU. News for Seattle and the Pacific Northwest Blog. 28 August 2015. “Seattle Horologist Masters Clockwork to Make Time Travel and Stand Still.” Available online at: <http://www.kplu.org/post/seattle-horologist-masters-clockwork-make-time-travel-and-stand-still>
- Spitzer, Gabriel. 22 August 2015. “Ticking Clock: Sound Effect Episode 33.” Audio blog post. *News for Seattle and the Pacific Northwest*. KPLU 88.5. Available online at: <http://www.kplu.org/post/ticking-clock-sound-effect-episode-33>

WEBSITE PUBLICATIONS

- Quill and Pad. Skellern, Ian. 21 April 2022. “Cochlea Unique Piece Automaton by Brittany Nicole Cox: Hare, Snail, Philosophy, History, And Horology. It’s Got It All And Will Make You Smile!” Available online at: <https://quillandpad.com/2022/04/18/cochlea-unique-piece-automaton-by-brittany-nico-cox-hare-snail-philosophy-history-and-horology-its-got-it-all-and-will-make-you-smile/>
- American Craft Council. The Queue: Brittany Nicole Cox. 19 July 2020. Available online at: <https://craftcouncil.org/post/queue-brittany-nicole-cox>
- HODINKEE. Pennington, Cole. 22 April 2020. “10 Questions with Brittany Cox of Memoria Technica.” Available online at: <https://www.hodinkee.com/articles/brittany-cox-of-memoria-technica-10-questions>
- FHH Journal. Bazemore, Cait. 24 January 2020. “Brittany Cox, an exceptional horological conservator – part two.” Available online at: <https://journal.hautehorlogerie.org/en/brittany-cox-an-exceptional-horological-conservator-part-two/>
- FHH Journal. Bazemore, Cait. 23 January 2020. “Brittany Cox, an exceptional horological conservator – part one.” Available online at: <https://journal.hautehorlogerie.org/en/brittany-cox-an-exceptional-horological-conservator-part-one/>
- Dialogue. Boshernitsan, Rimma. 16 March 2019. “Time Well Spent.” Available online at: <https://www.in-dialogue.co/dialogue-voices-archive/2019/5/12/horologist-brittany-nicole-cox>
- The Naked Watchmaker. 22 October 2018. “People 12 Questions: Brittany Nicole Cox, Antiquarian Horologist.” Available online at: <https://www.thenakedwatchmaker.com/people-brittany-cox-1>
- Watchonista, Meier, Jérôme. 27 February 2018. “Events: Brittany Nicole Cox Lecture at The Horological Society of New York.” Available online at: <https://www.watchonista.com/articles/events/events-brittany-nicole-cox-lecture-horological-society-new-york>
- Hodinkee, Manousos, Nicholas. 27 February 2018. “Happenings: Brittany Nicole Cox to Lecture at the Horological Society of New York.” Available online at: <https://www.hodinkee.com/articles/Brittany-nicole-cox-horological-society-of-new-york-lecture>
- Worn and Wound, Alexandersen, Christian. 1 August 2017. “Interview: Mechanical Magic with Antiquarian Horologist Brittany Cox.” Available online at: <http://wornandwound.com/interview-mechanical-magic-antiquarian-horologist-brittany-cox/>
- Worn and Wound, Ryvin, Ilya. 11 May 2017. “Around the Web: Meet Brittany Nicole Cox, Antiquarian Horologist.” Available online at: <http://wornandwound.com/around-the-web-meet-brittany-nichole-cox-antiquarian-horologist/>
- Hodinkee, Pulvirent, Stephen. 23 February 2017. “How to Make Complicated 18th Century Clocks Work (and Look) like New Again.” Available online at: <https://www.hodinkee.com/articles/atlas-obscura-recommended-reading-clock-restoration>
- Atlas Obscura, Holmes, Tao Tao. 6 February 2017. “How an Antiquarian Horologist Brings Tiny Machines Back to Life.” Available online at: <http://www.atlasobscura.com/articles/how-an-antiquarianhorologist-brings-tiny-machines-back-to-life>
- Museums + Heritage, 27 March 2015. “Ground-Breaking Work to Restore 250-Year-Old Anglesey Abbey Clock Completed.” Available online at: <http://www.museumsandheritage.com/advisor/news/>

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BBC News, 24 March 2015. "Anglesey Abbey pagoda clock in 'ground breaking' restoration."
Available online at: <http://www.bbc.com/news/uk-england-cambridgeshire-32016832>
Radiolab Blogland, Levy, Lynn, June 2014. "The Timekeeper's Things." Available online a
<http://www.radiolab.org/story/timekeepers-things/>

CONFERENCES & PRESENTATIONS

- Upcoming, Speaker & Guest Tutor, National Association of Watch and Clock Collectors, July 2023
- Speaker, Horological Society of New York, *Public enchantment: a history and case study of a tiny mechanical jewel-feathered protagonist.*, May 2023
- Speaker, Seattle Metals Guild, *A Chronology of Wonder*, October 2022
- Speaker, Western Association for Art Conservation, *Public enchantment: a history and case study of a tiny mechanical jewel-feathered protagonist.* Seattle, October 2022
- Speaker, *Debut Keeper of Time Documentary Panel*, New York, April 2022
- Speaker, Dubai Watch Week, *Making Time Documentary Panel*, Dubai, UAE, November 2021
- Speaker, The Collective, Seattle July 2022
- Speaker, Toledo Museum of Art, Guest Lecture, *Wonderous Birds*, June 2021.
- Speaker, Olson Kundig Speaker Series, March 2021.
- Speaker, UCLA Getty Conservation Guest Lecture, *Looking at Horology in Conservation*, December 2020.
- Speaker, University of Washington Visiting Artist Lecture, Seattle, February 2020.
- Speaker, University of Washington Visiting Artist Lecture, Seattle, November 2019.
- Speaker, The Museum of Jurassic Technology, *A Horological Discourse*, Los Angeles, November 2019.
- Speaker, The Interval by the Long Now Foundation, *Here/after: Saving magic, birds, and music*, San Francisco, August 2019.
- Speaker, University of Washington Visiting Artist Lecture, Seattle, May 2019.
- Speaker, Cooper Hewitt Smithsonian Design Museum Historic Morse Design Lecture Series, *Designing the Sublime: Mechanism, risk, & wonder*, New York, May 2019.
- Speaker, Cooper Hewitt Smithsonian Design Museum, *Designing Time*, New York, June 2018.
- Speaker, Creative Mornings, *Craft*, Seattle, June 2018.
- Speaker, Seattle Metals Guild, *Guilloché: Its History and Application*, Seattle, April 2018.
- Speaker, Horological Society of New York, *Horological Conservation: A Preliminary Study of Bellows Materials in Smoking Automata*, New York, March 2018.
- Organizer & Speaker, *The Magic of Horology*, Horological Lecture Series in partnership with the Stimson Green Mansion Historic Trust House, Seattle Washington, 2018 - Ongoing.
- Representative, West Dean College, American Institute for Conservation of Historic and Artistic Works Conference, May 2017.
- Speaker, Ornamental Turners International Symposium, *Engine Turned Pottery*, Denver Colorado, 2016.
- Speaker, Ornamental Turners International Symposium, *Holography as Related to Guilloché*, Denver Colorado, 2016.
- Speaker, American Institute for Conservation of Historic and Artistic Works and Canadian Association for Conservation Joint Conference, *Looking at Guilloché' in Conservation*, Montreal, Canada 2016.
- Speaker, AutomataCon, *Restoring Antique Automata Panel*, Morris Museum New Jersey, USA, 2016.
- Panel Moderator and Speaker, AutomataCon, *Clockworks: Horology Tools and Techniques*, Morris Museum New Jersey, USA 2016.
- Speaker, National Association of Watch and Clock Collectors, *Musical Clocks by Charles Clay*, Seattle, WA, 2014.
- Speaker, *Antique Automata*, Seattle Opera, The Tales of Hoffman, USA 2014.
- Speaker, Western Association of Art Conservation Conference, *Conservation Methods and Materials used for Smoking Automata*, Seattle Art Museum, USA 2013.
- Speaker, National Association of Watch and Clock Collectors, *Fine Automata and Mechanical Music*, Seattle, WA 2013.
- Speaker, Antiquarian Horology Society, *Temple Newsam House's George Pyke Musical Clock*, UK, 2011.
- Speaker, Handel House Museum, *Clocks by Charles Clay and John and George Pyke featuring original music by Handel*, UK, 2011.

PROFESSIONAL SERVICE

Working volunteer at Bowes Museum servicing and assessing the condition of permanent collection pieces, UK, 2011.

Working volunteer at Windsor Castle assessing the Crystal Casket organ clock by Charles Clay, UK, 2011.

Working volunteer at Temple Newsam House servicing and assessing the condition of a ca. 1765 automaton organ clock by George Pyke, UK, 2011.

PROFESSIONAL MEMBERSHIPS

American Institute for Conservation of Historic and Artistic Works (AIC), Professional Associate (active)

Antiquarian Horological Society (AHS) (active)

Horological Society of New York (HSNY) (active)

Long Now Foundation (active)

National Association of Watch and Clock Collectors (NAWCC) (active)

Society of Ornamental Turners (active)

Western Association for Art Conservation (WAAC) (active)

References available upon request.