

Devin Short

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EDUCATION

Ph.D., History, University of Washington, 2021 (projected)

M.A., History, University of Washington, 2018

M.Sc., Chemistry, Simon Fraser University, 2018

Thesis: *Nuclear Isobar Separation for Penning Trap Mass Measurements at TRIUMF*

B.Sc., Physics, University of Washington, 2012

AWARDS

Digital History Fellowship, 2018

Rondeau Evans Fellowship, 2016-2017

Simon Fraser University Chemistry Alumni Graduate Scholarship, 2016

US Department of Energy Spring Undergraduate Laboratory Internship, 2010

PUBLICATIONS

Articles

C. Babcock et al., “Mass measurements of neutron-rich indium isotopes toward the $N = 82$ shell closure,” *Physical Review C* 97 (2018): 024312.

E. Leistenschneider et al., “Dawning of the $N = 32$ shell closure seen through precision mass measurements of neutron-rich titanium isotopes,” *Physical Review Letters* 120 (2018): 062503.

D. Lascar et al., “Precision mass measurements of $^{125-127}\text{Cd}$ isotopes and isomers approaching the $N = 82$ closed shell,” *Physical Review C* 96 (2017): 044323.

A. T. Gallant et al., “Mass determination near $N = 20$ for Al and Na isotopes,” *Physical Review C* 96 (2017): 024325.

S. Triambak et al., “The $2^+_1 \rightarrow 3^+_1$ γ width in ^{22}Na and second class currents,” *Physical Review C* 95 (2017): 035501.

D. Lascar et al., “Improvements to TITAN’s mass measurement and decay spectroscopy capabilities,” *Nuclear Instruments and Methods B* 376 (2016): 292-297.

Christian Jesch et al., “The MR-TOF-MS isobar separator for the TITAN facility at TRIUMF,” *Hyperfine Interactions* 235 (2015): 97-106.

Wolfgang R. Plaß et al., “High-performance multiple-reflection time-of-flight mass spectrometers for research with exotic nuclei and for analytical mass spectrometry,” *Physica Scripta* 2015 (2015): 014069.

C. Wrede et al., “Preparation of ^{20}Ne , ^{24}Mg , ^{28}Si , and ^{36}Ar targets by ion implantation into thin carbon foils,” *Nuclear Instruments and Methods B* 268 (2010): 3482-3484.

Laboratory Reports

- C. Hornung et al., "A Laser Ablation Carbon Cluster Ion Source and an RFQ-based Switchyard for the FRS Ion Catcher," *GSI Helmholtz Centre for Heavy Ion Research Annual Report 2014-1* (2014): 105.
- D. A. Short et al., "M1 width of the 2^+_1 state in ^{22}Na and searches for tensor contributions to beta decays," *CENPA Annual Report 2010-2011* (2011): 55.
- C. Wrede et al., "Development of thin ion-implanted targets for precision studies," *CENPA Annual Report 2010-2011* (2011): 49.
- S. Triambak et al., "M1 width of the 2^+_1 state in ^{22}Na and searches for tensor contributions to beta decays," *CENPA Annual Report 2009-2010* (2010): 52.

TEACHING EXPERIENCE

- Teaching Assistant**, Department of History, University of Washington, Seattle, WA
US Political and Economic History, 1920 – Present (HSTAA 345), Spring 2019
Nazi Germany and the Holocaust (HSTEU 234), Winter 2019
Race, Gender, and Class in Latin America and the Caribbean (HSTLAC 185), Fall 2018
American Military History (HSTAA 212), Spring 2018
Peoples of the United States (HSTAA 105), Winter 2018
American Citizenship (HSTAA 110), Fall 2017
- Teaching Assistant**, Department of Chemistry, Simon Fraser University, Burnaby, BC
Science and Society (SCI 300), Spring 2015

LABORATORY RESEARCH EXPERIENCE

- Research Assistant**, Department of Chemistry, Simon Fraser University, Burnaby, BC
Summer 2015 – Summer 2016
Summer 2014 – Fall 2015
- Intern**, TRIUMF's Ion Traps for Atomic and Nuclear Science, TRIUMF, Vancouver, BC
Summer 2013 – Summer 2014
- Student Hourly**, Center for Experimental Nuclear Physics and Astrophysics,
University of Washington, Seattle, WA
Summer 2010 – Spring 2012
- Intern**, Materials Science Division, Lawrence Berkeley National Laboratory, Berkeley, CA
Spring 2010
- Student Hourly**, Center for Experimental Nuclear Physics and Astrophysics,
University of Washington, Seattle, WA
Spring 2009 – Winter 2010

PRESENTATIONS

“This Bounded World: Analogical Reasoning and Nineteenth-Century British Physics,”
Columbia History of Science Group Annual Meeting, UW Friday Harbor Labs, March 2-3, 2018.

Devin Short et al., “M1 width of the 2^{+1} state in ^{22}Na and searches for tensor contributions to beta decays,” American Physical Society, 2011 Fall Meeting of the APS Division of Nuclear Physics, October 26-29, 2011, abstract id. EA.120.