

Carter T Bruett

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Educational History

D.D.S.: University of Utah School of Dentistry Completion: May 2021	08/2017 – present
M.Ed.: University of Utah College of Education Emphasis in Instructional Design and Educational Technology Completion: May 2021	08/2019 – present
B.S.: University of Utah College of Science Emphasis in Cell and Molecular Biology Graduated: May 2017 Cumulative GPA: 3.983 <i>Committee Member, University of Utah School of Dentistry</i>	08/2013 – 05/2017

Professional Leadership and Committee Involvement

Equity, Inclusion, Diversity, Ethics, and Professionalism Committee <i>Student Chair, University of Utah School of Dentistry</i> Established this important committee alongside a team of peers, faculty, and staff. Advised on and directed school policy related to these key school values.	09/2019 – present
Pathways Development Committee <i>Committee Member, University of Utah School of Dentistry</i> Developed a novel program (“Pathways in Dental Medicine”) to create flexible options in dental student curriculum. Collaborated with a team of faculty to implement this program into the school’s curriculum.	06/2019 – present
Strategy Council <i>Committee Member, University of Utah School of Dentistry</i>	05/2019 – present
Didactic Delivery Optimization & Implementation Committee <i>Committee Member, University of Utah School of Dentistry</i>	07/2018 – present
American Dental Education Association Council of Students <i>Local Chapter President, University of Utah School of Dentistry</i> Founded the ADEA Chapter at the School of Dentistry and lead the organization for the first two years.	03/2018 – present
Equity and Inclusion Committee	09/2017 – 09/2019

Student Representative, University of Utah School of Dentistry

Retention, Promotion, and Tenure Committee

August 2018

Student Representative, University of Utah School of Dentistry

Student Advisory Committee

09/2017 – 09/2018

Secretary, University of Utah School of Dentistry

Freshman Ambassador Board

08/2015 – 08/2016

Associate Director, Union Programming Council, University of Utah

The MUSS Board

09/2014 – 12/2016

Vice-President, University of Utah Alumni Association

12/2015 – 12/2016

Notable Clinical Experiences

Oral Pathology & Oral Medicine Clinical Rotations

01/2019 – present

Dr. Bryan Trump DDS MS, University of Utah School of Dentistry

Approx. 360 hours

Assisted Dr. Trump in treating patients in his Oral Pathology & Oral Medicine faculty practice. Saw patients for recall under Dr. Trump's supervision and clerked on pathology cases.

1 day per week

Notable Teaching Experiences

Histology Lab Teaching Assistant

08/2019-12/2019

Developing Empathy through Cultural Humility Training

08/2018

University of Utah School of Dentistry

Fall 2018 Faculty Retreat

Student Teaching Experiences

10/2017 – present

University of Utah School of Dentistry

Courses: Advanced Ethics, Human Form and Function, Oral Pathology, Oral Medicine

Topics: Branchial Arch Development, Pathways in Dental Medicine, Diversity and Inclusion in the Modern Dental Education Climate, Practical Oral Medicine

Organic Chemistry Teaching Assistant

University of Utah Department of Chemistry

Courses: Organic Chemistry I, Organic Chemistry II, Culinary Chemistry, Organic Spectroscopy II

Community Service and Philanthropy

PrEP Clinic Co-Director <i>University of Utah Health</i> Founded the first-in-state and third-in-nation PrEP Clinic with partners from University of Utah Health in an effort to provide comprehensive sexual health care and enable access to PrEP to end HIV in Utah.	08/2017 – present
Rape Recovery Center, Board of Directors <i>Member at Large</i>	06/2018 – present
Rape Recovery Center <i>Philanthropic Coordinator and Outreach Volunteer</i>	01/2015 – 05/2017

Research Experience and Current Projects

Exploring the Accuracy of Differential Diagnoses for Submitted Biopsy Cases (Current Project undergoing data analysis) <i>PI: Dr. Bryan Trump DDS MS, University of Utah School of Dentistry</i> Evaluating the accuracy of clinical differential diagnoses for submitted biopsy reports to help guide future continuing education and teaching practices	07/2019 – present
Case Report of Orofacial Granulomatosis and Review of Literature with Diagnosis Algorithm and Analysis of Reported Treatments (Current project undergoing editing) <i>PI: Dr. Leslie Halpern DDS MD PhD MPH MPHIL MA, University of Utah School of Dentistry</i>	01/2019 – present
Dentol: A Histology Study App for Dental Education (Current project undergoing data collection) <i>PI: Dr. Kathryn Moore PhD, University of Utah School of Dentistry</i>	05/2018 – 08/2018
Research Assistant <i>PI: Dr. Peter Flynn PhD, University of Utah College of Science, David Grant NMR Center</i> Quantified the stabilization effects of the cell environment on protein mutants. Studied the internal motions of proteins with ubiquitin as a model using relaxation series experiments by Nuclear Magnetic Resonance. Performed statistical data analysis on the results. Assisted in administration of the center for use by other scientists. Generated a supervisory plan for future undergraduates.	05/2014 – 08/2017
Research Assistant <i>PI: Dr. Scott Youngquist, University of Utah Health Emergency Dept.</i>	05/2014 – 08/2014

Published Material and Presented Posters

“An Analysis of Utah’s Most Common Lesions”	August 2019
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Carter T. Bruett and Bryan Trump DDS MS
Utah Dental Journal, Utah Dental Association

“Comprehensive Oral Care Improves Treatment Outcomes in Male and Female Patients with High-Severity and Chronic Substance Use Disorders”

July 2019

Glen R. Hanson, DDS, PhD, Shawn McMillan MPA, Kali Mower, BS, Carter T. Bruett, BS, Lley Duarte, BS, Sri Koduri, MS, MPA, Lilliam Pinzon, DDS, MS, MPH, Matt Warthen, Ken Smith, PhD, Huong Meeks, PhD, Bryan Trump, DDS, MS

The Journal of the American Dental Association
Volume 150, Issue 7, 591-601
DOI: <https://doi.org/10.1016/j.adaj.2019.02.016>

“An Analysis of Utah’s Most Common Lesions”

June 2019

Carter T. Bruett and Bryan Trump DDS MS

AAOMP 2019 Annual Meeting Poster Presentation, Miami, Florida

“Comprehensive Oral Healthcare Improves Treatment Outcomes in Substance Abuse Patients”

June 2019

Glen R. Hanson, DDS, PhD, Shawn McMillan MPA, Carter T. Bruett, BS, Lley Duarte, BS, Sri Koduri, MS, MPA, Lilliam Pinzon, DDS, MS, MPH, Matt Warthen, Ken Smith, PhD, Huong Meeks, PhD, Bryan Trump, DDS, MS

IADR 2019 Annual Meeting Poster Presentation, Vancouver, Canada

“Assignments of 1H/13C by Nuclear Magnetic Resonance for Vanillin”

March 2015

Carter T Bruett and Peter F. Flynn PhD

Gauss Haus Poster Presentation, Salt Lake City, Utah

Conferences Attended

International Association of Dental Research Annual Meeting

June 2019

Vancouver, British Columbia, Canada

Poster presented

American Association of Oral and Maxillofacial Pathology

June 2019

Annual Meeting, Miami, Florida

Poster presented

American Dental Education Association Spring Meeting

March 2019

Chicago, Illinois

Council of Students, Residents, and Fellows Track

American Dental Education Association Fall Meeting

October 2019

Toronto, Ontario, Canada

Council of Students, Residents, and Fellows Track

American Dental Education Association Spring Meeting
Orlando, Florida
Student Diversity Leadership Training

March 2015

Employment History

Tutor and Teaching Assistant

05/2019 – present

*University of Utah School of Dentistry, Dept. of Oral Pathology,
Salt Lake City, Utah*

Graduate Research Assistant

05/2018 – 09/2018

*University of Utah School of Medicine, Dept. of Neurobiology and
Anatomy, Salt Lake City, Utah*

Research Assistant

04/2016 – 08/2017

*University of Utah College of Science, Dept. of Chemistry,
Salt Lake City, Utah*

Health Unit Coordinator

05/2014 – 01/2015

*Intermountain Healthcare, Intermountain Medical Center Emergency
Dept, Murray, Utah*

Guest Services Agent

11/2010 – 05/2015

Deer Valley Resort, Park City, Utah

Honors and Awards

Young Alumni Graduate Scholarship

May 2019

University of Utah Alumni Association

Excellence in Student Research

April 2019

University of Utah School of Dentistry

Excellence in Student Leadership

April 2019

University of Utah School of Dentistry

Excellence in Oral Pathology

April 2019

University of Utah School of Dentistry

Jay A. Aldous Endowment

December 2018

University of Utah School of Dentistry

Young Alumni Graduate Scholarship

May 2018

University of Utah Alumni Association

D1 Excellence in Service Award

March 2018

University of Utah School of Dentistry

Herman Hooten Award for Work in Inclusion

February 2018

Office of Health Equity and Inclusion, University of Utah Health

Graduate Student Fellowship Scholarship

May 2017

University of Utah Alumni Association

Campus Involvement Scholarship

May 2016

University of Utah Alumni Association

Campus Involvement Scholarship

May 2015

University of Utah Alumni Association

Legacy Student Scholarship

May 2014

University of Utah Alumni Association

Award of Recognition for Outstanding Academic Services

February 2014

University of Utah

Legacy Student Scholarship

May 2013

University of Utah Alumni Association

Professional Societies

International Association of Dental Research

2018-

Gay and Lesbian Medical Association

2018-

American Dental Association

2017-

American Dental Education Association

2017-

Beehive Honor Society

2017-

Owl and Key Honor Society

2016-

Order of Omega Honor Society

2015-

American Student Dental Association

2014-