

CURRICULUM VITAE: Carroll-Ann Eustolia Ranne Trotman**CONTACT INFORMATION (PERSONAL DATA)**

Place of Birth Port-of-Spain, Trinidad

Citizenship United States

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 College of Dentistry
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<https://medicalxpress.com/news/2018-04-facial-bell-palsy-puzzling-paralysis.html>

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 Columbus, OH 43201
 United States

EDUCATION

<u>Institution/Location</u>	<u>Degree</u>	<u>Date Conferred</u>	<u>Degree</u>
University of Dundee Dundee Dental School Dundee, Scotland	B.D.S. (equiv to D.D.S.)	1982	Bachelor of Dental Surgery
Royal College of Surgeons London, England		1985	Primary Fellowship in Dentistry
Columbia University School of Dentistry New York, New York		1989	Certificate in Orthodontics
Columbia University Graduate School of Arts and Sciences New York, New York	MA (Masters)	1989	Oral Biology
Hospital for Sick Children Orthodontic Division Toronto, Canada		1990	Fellowship in Craniofacial Anomalies
The University of Michigan Horace Rackham School of Graduate Studies Ann Arbor, Michigan	MS (Masters)	1995	Clinical Research Design and Statistical Analysis

The University of Washington Department of Biostatistics Seattle, Washington	1996	Fellowship in Clinical Dental Research Methods
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PROFESSIONAL DEVELOPMENT

<u>Institution</u>	<u>Date Completed</u>	<u>Program</u>
American Dental Educators Association (ADEA)	2000-2001	Leadership Institute Fellow
American Council on Education (ACE)	2002-2003	ACE Fellow
Office of the President UNC Leadership Institute Leadership Development Workshop for Department Chairs	2003	Participant
The University of North Carolina Office of the President	2003-2005	Leadership Institute Fellow
TIAA-CREF Institute (www.tiaa-crefinstitute.org)	2005-2007	Institute Fellow
American Council on Education (ACE) National Women's Leadership Forum	2012	Participant
BIG Academic Alliance Dean Leadership Program	2021-2022	Participant

EMPLOYMENT HISTORY (ACADEMIC AND ADMINISTRATIVE APPOINTMENTS)

<u>Position</u>	<u>Institution</u>	<u>Dates</u>
House Officer in Periodontology	Dundee Dental Hospital, Scotland	07/1982-12/1982
House Officer in General Dentistry	University College Hospital, London	08/1983-01/1984
Senior House Officer in Oral Surgery	Prince Charles Hospital, and Bridgend District Hospital, Wales	01/1984-03/1985
Senior House Officer in Oral Surgery	Dundee Dental Hospital, Scotland	11/1985-06/1986
Assistant Professor	The University of Michigan School of Dentistry	09/1990-07/1998
Attending Orthodontist	Cleft Lip / Craniofacial Anomalies Team The University of Michigan Hospital	09/1990-08/1998

Orthodontist (Faculty Practice)	Dental Faculty Associates The University of Michigan	01/1991-08/1998
Associate Professor with tenure	The University of Michigan School of Dentistry	1998
Associate Professor with tenure	The University of North Carolina Adams School of Dentistry	08/1998-12/2005
Attending Orthodontist	The University of North Carolina Craniofacial Center	08/1998-2007
Orthodontist (Faculty Practice)	Dental Faculty Practice The University of North Carolina	08/1998-2007
Attending Orthodontist	The University of North Carolina Medical Hospital	10/1998-2007
Director, Pre-Doctoral Clinical Orthodontic Program	The University of North Carolina Adams School of Dentistry	2003-2005
Director of Advanced Education in Orthodontics	The University of North Carolina Adams School of Dentistry	07/2004-08/2005
Interim Associate Dean for Academic Affairs	The University of North Carolina Adams School of Dentistry	02/2005-01/2007
Professor with tenure	The University of North Carolina Adams School of Dentistry	01/2006-09/2007
Assistant Dean for Graduate Education & Academic Development	The University of North Carolina Adams School of Dentistry	02/2007-09/2007
Adjunct Professor	The University of North Carolina Adams School of Dentistry	10/2007-09/2013
Professor with tenure	The University of Maryland School of Dentistry	10/2007-09/2013
Orthodontist (Faculty Practice)	The University of Maryland Faculty Dental Service Plan Associates	10/2009-09/2013
Associate Dean for the Office of Academic & Student Affairs	The University of Maryland School of Dentistry	10/2007-01/2013
Associate Dean for the Office of Academic Affairs	The University of Maryland School of Dentistry	02/2013-08/2013
Professor with tenure	Tufts University School of Dental Medicine	09/2013-07/2021
Chair, Department of Orthodontics	Tufts University School of Dental Medicine	09/2013-07/2021

Interim Director, Advanced and Graduate Education	Tufts University School of Dental Medicine	01/2014-07/2017
Associate Dean for Faculty Development	Tufts University School of Dental Medicine	08/2017-07/2021
Adjunct Professor	Tufts University School of Dental Medicine	07/2021-present
Dean, The Ohio State University College of Dentistry	The Ohio State University	15/2021-present
Professor with tenure	The Ohio State University	15/2021-present

PROFESSIONAL QUALIFICATIONS (STATE, DENTAL AND BOARD LICENSURE)

Diplomate of the American Board of Orthodontics, 2006-present
 Clinical Academic License, State of Michigan, 1991-2000
 Clinical Instructor License, State of Maryland, 2008-2014
 United Kingdom, 1982-present
 Clinical Instructor License, State of North Carolina, 1999-present
 Faculty Limited License, State of Massachusetts, 2014-present
 Faculty Limited License, State of Ohio, 2022-present

TEACHING (DIDACTIC) AND EDUCATIONAL LEADERSHIP

Summary of Teaching Activities

Graduate Dental (The University of Michigan School of Dentistry)

1992-1998 Course director, Craniofacial Anomalies (Orthodontics #590 & #778)
 1992-1998 Course director Craniofacial Anomalies Hospital and DFA Rotation
 1997-1998 Course director, Statistics (Orthodontics #777)
 1992-1996 Course director, Graduate Ortho. / Pedo. Course and Clinic Rotation (Orthodontics #591)
 1992-1998 Lecturer, Facial Growth (Orthodontics #603) 2hrs of lecture

Predoctoral Dental (The University of Michigan School of Dentistry)

1992-1998 Orthodontics and Pediatric Dentistry (#742) 2hrs. of lecture

Graduate Dental (The University of North Carolina Adams School of Dentistry)

1998-2001 Lecturer, Oro-Pharyngeal Function (ORTH #215) 6 hrs. of lecture
 2001-2007 Course director Oro-Pharyngeal Function (ORTH #215) 6 hrs. of lecture
 1998-2007 Advanced Clinical Orthodontics (ORTH #205)
 1998-2007 Course director, Craniofacial Anomalies Clinic (ORTH 210)
 1998-2007 Lecturer, Craniofacial / Communicative Disorders (DENG 250) 3 hrs. of lecture
 1998-2007 Lecturer, Orthodontic Diagnosis / Treatment Planning (ORTH #203) 6 hrs. of lecture
 1998-2007 Lecturer, Growth and Development (ORTH #208) 6 hrs. of lecture
 2002-2007 Biomechanics (ORTH #206) 1 hr. of lecture
 2004-2005 Course director of Advanced Education in Orthodontics

Predoctoral Dental (The University of North Carolina Adams School of Dentistry)

1998-2001 Course director, Growth and Development (DENT 305) 6hrs. of lecture
 1998-2007 Lecturer, Biomechanics and Preclinical Orthodontics (DENT #213) 1-2 hrs. of lecture

2003-2007 Clinical Orthodontic Treatment (DENT 334)
 2003-2005 Course director, Undergraduate Orthodontic Clinics

Graduate Dental (The University of Maryland School of Dentistry)

2008-2009 Clinical Instructor, Graduate Clinical Orthodontics 8 hrs./month
 2008-2013 Course director, Orthodontic Typodont Course

Graduate Dental (Tufts University School of Dental Medicine)

2013-2021 Course director, Growth and Development (DEGR 232)
 2013-2021 Course director, Management of Patients with Craniofacial Anomalies (OR 203)
 2015-2021 Course director, Oro-Pharyngeal Function (OR 212)
 2014-2021 Course director, Orthodontic/Orthognathic Surgery
 2014-2021 Clinical Instructor, Clinical Orthodontic Practice (OR104 & OR 204)

Graduate Dental (The Ohio State University College of Dentistry)

2024-present Craniofacial Anomalies Course 2 hrs. of lecture

Resident / Student Research Advisement & Mentorship

The University of Michigan School of Dentistry

1992-1993 Robert A. Valdez, High School Student
 1992-1993 Irene Loo, High School Teacher
 1993-1994 Lynn Chen, Medical Student
 1994-1995 Felix Papillon, Dental Student
 1995-1996 Kelly S. Moffatt, Graduate Student
 1997-1998 Geoff Greenlee, Dental Student
 1996-1998 Kirsten Silvester, Graduate Student
 1998-1999 Ema Chohan, Pre-Dental Student
 1998-1999 Amy Joslin, Dental Student

The University of North Carolina Adams School of Dentistry

1998-2001 Kelly Mitchell, Orthodontic Resident
 1999-2000 Thomas Ferrell, Pre-Dental Student
 2000-2001 Robert Sanborn, Pre-Dental Student
 2001-2002 Juan Castillo, Pre-Dental Student
 2002-2003 Craig Dorian, Pre-Dental Student
 2003-2006 Bethany Harris, Pre-Dental Student
 2002-2003 Dr. Han, Graduate Student
 2003-2004 Robert Sanborn, Dental Student
 2003-2004 John Murdock, Dental Student
 2005-2006 Jason Pollei, Dental Student
 2006-2007 Drew Heberer, Pre-Dental Student
 2007-2008 Daniel Driskill, Pre-Dental Student
 2008-2009 Phillip Barbee, Pre-Dental Student
 2008-2009 Erin Duffy, Pre-Dental Student
 2009-2014 Terry Hartman, Pre-Dental Student

Tufts University School of Dental Medicine

2014-2015 Catalina Breton, Pre-Medical Student
 2015-2016 Andrew Lemchen, Dental Student
 2016-2018 Daniel Regan, Dental Student-Dean's Research Scholarship recipient
 2017-2018 Mitra Marvasti-Sitterly, Pre-Dental Student
 2017-2018 HJ Jung, Pre-Dental Student
 2018-present Yi-Chen (Jo) Chiang, Dental Student-Dean's Research Scholarship recipient
 2018-present Lily Razavi, Dental Student-Dean's Research Scholarship recipient

2018-2019	Rachel Obeid, Dental Student-Dean's Research Scholarship recipient
2020-present	Giselle Clark, Dental Student, Dean's Research Scholarship recipient
2018-present	Daniel Regan, Orthodontic Resident
2020-present	Suzanna Lopez, Orthodontic Resident
2020-present	Amanda Hayes, Orthodontic resident

Post-doctoral Fellows Mentored

1991	Weber Ursi (DDS)
1992	Anthony Collette (DDS, Ph.D.)
1996	Ashraf Ayoub (DDS)
2000	Sunjay Suri (BDS, MDS)
2003	Jang Yeol Lee (DDS)
2007-2011	Chihiro Tanikawa (DDS, Ph.D.)
2009-2012	Nayoung Lee (Ph.D.)

Thesis Advisor and Chair, Student Thesis Committee

1992	Beth Marcincin, masters student, The University of Michigan
1994	David C. Hou, masters student, The University of Michigan School of Dentistry
1997	David E. Walker, Jr., certificate student, The University of Michigan School of Dentistry
1999	Maria C. Mendez, masters student, The University of Michigan School of Dentistry
1999	Josie C. Weeden, masters student, The University of Michigan School of Dentistry
2001	Kelly Ritter, masters student, The University of North Carolina Adams School of Dentistry
2003	May Nooreyazdan, masters student, The University of North Carolina Adams School of Dentistry
2006	Ronald Hsu, masters student, The University of North Carolina Adams School of Dentistry
2006	Jason Herring, masters student, The University of North Carolina Adams School of Dentistry
2013	Terry Hartman, masters student, Nova Southeastern University
2015	Carter Thomas, certificate student, Tufts University School of Dental Medicine
2015	Neil Fluckinger, certificate student, Tufts University School of Dental Medicine
2016	Audra Reynoso, certificate student, Tufts University School of Dental Medicine
2017	Diana Eshaki, certificate student, Tufts University School of Dental Medicine
2017	Isabel McQuattie, masters student, Tufts University School of Dental Medicine

Member Thesis Committee

1992	Mary H. G. Walton, masters student, The University of Michigan School of Dentistry
1993	Lyn M. Cyterski, masters student, The University of Michigan School of Dentistry
1994	John Lupini, masters student, The University of Michigan School of Dentistry
1994	Joyce Y. Chang, masters student, The University of Michigan School of Dentistry
1994	Tracy L. Crummett, Ph.D. student, The University of Michigan School of Dentistry
1995	J.S. McGill, masters student, The University of Michigan School of Dentistry
1995	M. Lai, masters student, The University of Michigan School of Dentistry
1995	Bert L. Hagler, masters student, The University of Michigan School of Dentistry
1996	Steve Scott, masters student, The University of Michigan School of Dentistry
1997	Eric D. Hannapel, masters student, The University of Michigan School of Dentistry
1997	Timothy j. Bussick, masters student, The University of Michigan School of Dentistry
1997	Ludia H. Kim, masters student, The University of Michigan School of Dentistry
1997	Linda K. Ratner, masters student, The University of Michigan School of Dentistry
1998	Frederick A. Fenderson, masters student, The University of Michigan School of Dentistry
1998	E. R. Groth, masters student, The University of Michigan School of Dentistry
1998	R. Komolpis, masters student, The University of Michigan School of Dentistry
1998	Michael R. Hardy, masters student, The University of Michigan School of Dentistry
1998	Kirsten Silvester, doctoral student, The University of Michigan School of Dentistry
1999	Kurt Marsh, masters student, The University of North Carolina Adams School of Dentistry
2000	Kelly Mitchell, masters student, The University of North Carolina Adams School of Dentistry
2003	Ryan Handleman, masters student, The University of North Carolina Adams School of

Dentistry

2015	Alana J. Bednarz, masters student, Tufts University School of Dental Medicine
2017	Maysa Khojah, masters student, Tufts University School of Dental Medicine
2017	Nora Alhazmi, masters student, Tufts University School of Dental Medicine
2017	Ruba Alkadhi, masters student, Tufts University School of Dental Medicine
2018	Mohammed Barashi, masters student, Tufts University School of Dental Medicine
2019	Mosaab Hawsawi, masters student, Tufts University School of Dental Medicine

Faculty Mentor and Mentor for NIH/NIDCR Career Development Awards

2009-2011	Co-Mentor, NIDCR R01 Supplement awarded to Ana M. Mercado DMD, Division of Orthodontics, College of Dentistry, The Ohio State University, Columbus, OH. Supplement awarded on Parent Research Grant "Functional Outcomes of Cleft Lip Surgery." PI: Carroll Ann Trotman
2015-2023	Advisor, Career Development Committee K 23 Award for Thomas Sitzman MD, Division of Plastic Surgery, Phoenix Children's Hospital, Phoenix, AZ
2016-present	Principal mentor, Career Development K08 Award for Evangelos Papatathanasiou, DDS, PhD, Department of Periodontology, Tufts University School of Dental Medicine, Boston, MA
2015-2021	Principal mentor for Dr. Sercan Akyalcin, promoted to Professor 2020, Tufts University School of Dental medicine
2018-2021	Principal mentor for Dr. Xu Qian, Assistant Professor, Department of Orthodontics, Tufts University School of Dental Medicine

EDUCATIONAL LEADERSHIP/SERVICE (Dental School, University, and Outside Organizations)**Dental School****The University of Michigan School of Dentistry**

1991-1998	Member, Orthodontic Admissions Committee
1993-1998	Member, Orthodontic Search Committee
1993-1995	Member, Human Subjects Committee
1996-1998	Member, Neural Signaling and Pain Focus Group
1997-1998	Member, Committee on Clinical Research

The University of North Carolina Adams School of Dentistry

1998-2004	Member, Teaching Committee
1999	Member, Craniofacial Center Director Search Committee
2000	Member, North Carolina-AADR Awards Committee, Dental Research in Review Day
2000-2003	Member, Technology Advisory Committee
2001-2003	Member, Dental Hygiene Advisory Committee
2001-2002	<i>Secretary of the Faculty</i>
2000	Member, Department of Prosthodontics Chair Search Committee
2002-2003	<i>Chair of the Faculty</i>
2003	North Carolina-AADR Awards Committee, Dental Research in Review Day
2003	Member, Hygiene Faculty Search Committee
2003	School Representative, ADEA Advocacy Day on Capitol Hill, Washington, DC
2003	Member, Pediatric Chair Search Committee
2003	Promotion and Tenure Manual Review Committee
2003	Member, Assistant Dean for Student Affairs Search Committee
2003	Member, Constitution and Bylaws Committee
2004	Member, Instructional Technology Committee
2004-2005	<i>Chair, Pre-Doctoral OSCE Committee</i>
2004	School Representative, Dean's Advocacy Day on Capitol Hill, Washington, DC
2005	School Representative, Dean's Advocacy Day on Capitol Hill, Washington, DC

2005-2008 *Chair*, Curriculum Committee
 2005-2008 *Chair*, Outcomes Assessment Committee
 2005-2008 Member, Faculty Development Committee

The University of Maryland School of Dentistry

2008-2013 *Chair*, Curriculum Innovation and Management Committee
 2008-2013 *Chair*, Pre-Clinical Progression Committee
 2008-2013 *Chair*, Clinical Progression Committee
 2008-2013 *Chair*, Student Affairs Committee
 2008-2013 *Chair*, Clinical Sciences Council Committee
 2008-2013 Member, Dental Hygiene Progression Committee
 2008-2013 *Chair*, Student Awards Committee

Tufts University School of Dental Medicine

2013-present Member, Executive Faculty Committee
 2013 *Chair*, Search Committee for Chair of Pediatric Dentistry
 2013 *Chair*, Search Committee for Graduate Orthodontic Program Director
 2014 *Co-Chair*, Committee to review and revise the Promotion and Tenure Manual
 2014-2017 *Interim Director*, Advanced Graduate Education Committee
 2014-2019 Member, Patient Care Quality Assurance Committee
 2014-2018 Member, Strategic Planning and Oversight Committee
 2017 Member, Faculty Appointments, Promotion, and Tenure Committee
 2020-present Accreditation 2023 Steering Committee

University

The University of Michigan

1992-1998 Planning Committee for the following Moyers Symposia.
 21st Moyers Symposium, 1994
 22nd Moyers Symposium, 1995
 23rd Moyers Symposium, 1996
 24th Moyers Symposium, 1997
 25th Moyers Symposium, 1998
 1997-1998 Conflict Resolution Officer

The University of North Carolina (UNC) at Chapel Hill

2004-2005 Member, Faculty Retention Work Group
 2004-2008 Faculty Council Member
 2004-2005 Member, Innovations in Faculty Work Life Committee, UNC Office of the President
 2004-2005 Member, Agenda Committee for Faculty Council
 2004-2005 Member, Diversity Task Force Committee
 2004-2005 Member, Executive Steering Committee of the Diversity Task Force
 2005-2007 Member, Health Science Advisory Committee
 2005-2006 Member, International Affairs Advisory Council
 2006-2007 Member, Academic Policy Committee, UNC Graduate School
 2006-2007 Member, UNC Graduate School Administrative Board
 2007-2008 Member Appointments, Promotions, and Tenure Committee

The University of Maryland, Baltimore

2008-2012 Member, Instructional Technology Committee
 2011 Member, Search Committee for the Vice President and Chief Academic and Research Officer
 2011 Theme *Co-Leader & Member*, University of Maryland Baltimore Strategic Planning Committee. Theme titled "Achieve pre-eminence as an innovator in our missions of education, research, clinical care, and public service."

2012-2013 Theme *Co-Leader & Member*, University of Maryland Baltimore Strategic Plan Executive Implementation Committee. Theme titled “Interdisciplinary Research”

Tufts University

2017-2018 Member, Steering Committee Tufts University Strategic Plan for Research & Scholarship
 2017-2021 Member, Tufts University Committee on Teaching and Faculty Development
 2017-2021 Tufts University Research Council

Leadership as Dean of The Ohio State University

2021-present Member, Provost’s Council of Deans
 2021-present Member, Health Science Deans meeting
 2021-present Chair, Executive Council (EC) College of Dentistry
 2021-present Chair, Deans Council College of Dentistry
 2021-present Chair, Strategic Planning and Implementation Committee College of Dentistry
 2021-present Member, Institutional Effectiveness Committee, College of Dentistry

National / International Offices in Professional and Research Societies

1992-1993 Member, Symposia Committee, American Cleft Palate Association
 1993-1998 Member, Time and Place Committee, American Cleft Palate Association
 1994-1997 Member, Ad Hoc Parameters Committee, American Cleft Palate Association
 1995-1996 *Vice-President*, Michigan Cleft Palate Association
 1996-1997 *President*, Michigan Cleft Palate Association
 1997-2000 *Chair*, Ad Hoc Parameters Committee, American Cleft Palate Association
 1997-1998 Member, Program Committee, American Cleft Palate Association
 1999-2003 Member, Team Standards Committee, American Cleft Palate Association
 1999-2000 Member, Nominating Committee, American Cleft Palate Association
 1999-2001 *Co-Chair*, American Cleft Palate Association Symposium on Distraction Osteogenesis
 1998-1999 Secretary Treasurer, Section on Orthodontics, American Dental Education Association
 1999-2000 *Chair Elect*, Section on Orthodontics, American Dental Education Association
 2000-2001 *Chair*, Section on Orthodontics, American Dental Education Association
 2001-2002 Member, Program Committee, American Cleft Palate Association
 2001-2002 Ad Hoc Member, NIDCR Study Section OBM 2
 2000-2004 Permanent Member, NIDCR Special Grants Review Committee
 2000-2001 *Director*, Craniofacial Biology Group, American Association of Dental Research
 1999-2000 Abstract Reviewer, American Association of Dental Research
 1999-2000 Abstract Reviewer, International Association of Dental Research
 1999-2000 Abstract Reviewer, American Dental Education Association
 2003 Ad Hoc Reviewer, Austrian Science Foundation (FWF) Grant Review
 2004-2005 Ad Hoc Member, NIDCR Study Section, Skeletal Biology Development and Disease
 2004 Ad Hoc Member, NIH National Heart, Lung, and Blood Institute Clinical Trials Review Committee
 2005-2006 Ad Hoc Member, NIDCR Special Grants Review Committee
 2005 Ad Hoc Member, NIH Skeletal Muscle and Exercise Physiology and SBIR Grant Review Committee
 2007 Ad Hoc Reviewer, Vienna Science and Technology Fund in response to the Life Sciences Call 2007 for project proposals “Linking Research and Patients Needs”
 2008 Ad Hoc Reviewer, The Wellcome Trust, England
 2008 Ad Hoc Member, NIDCR PAR-06-211 Panel “Data Analysis & Statistical Methodology”
 2009 *Chair*, NIDCR Face Base Review Committee in response to the “The Face Base Consortium: Functional Genomics of Craniofacial Development and Disease”

	RFA
2009	Member, NIH/CSR Challenge Grant Review Committee
2010	Member, Special Emphasis Panel/Scientific Review Group ZRG1 Moss-B (03)
2011	Ad Hoc Member, NIDCR Study Section, Skeletal Biology Development and Disease
2011	Ad Hoc Member, NIDCR Study Section, Skeletal Biology Development and Disease meeting "Functional assessment of TMJ function after discectomy"
2011	<i>Chair</i> , NIDCR Face Base Review Committee in response to the "The Face Base Consortium: Functional Genomics of Craniofacial Development and Disease"—Competing revision application
2011-2017	Commission Site Visitor, Commission on Dental Accreditation
2012	Ad Hoc Member, NIDCR Study Section, Skeletal Biology Development and Disease, Moss-B (04)
2012	<i>Chair</i> , NIDCR Study Section applications in response to RFAs entitled "Effectiveness of Treatment for Oral Diseases in Medically Compromised Patients"
2012	<i>Leader</i> , Orthodontic Delegation to China, People to People Ambassador Programs
2013-2014	<i>Vice President</i> , Edward H. Angle Society of Orthodontists (Eastern Component)
2013	Member, NIDCR Special Emphasis Panel ZDE1 MH06 entitled "Review of Effectiveness of Treatment for Oral Diseases in Medically Compromised Patients"
2013	Member, NIDCR Study Section entitled "Small Research Grant Applications for Oral Health Data Analysis and Statistical Methodology Development"
2014-2015	<i>President Elect</i> , Edward H. Angle Society of Orthodontists (Eastern Component)
2014	Member, NIH Study Section entitled "Small Business Grant Applications for ZRG1 Moss K(11)"
2015-2016	<i>President</i> , Edward H. Angle Society of Orthodontists (Eastern Component)
2015	Member, Special Emphasis Panel/Scientific Review Group for ZRG1 Moss-K (11)
2014-2017	Member, American Dental Education Association Legislative Advisory committee
2015	Advisor, Emerging Leaders, American Dental Education Association
2016-2017	<i>1st Past President</i> , Edward H. Angle Society of Orthodontists (Eastern Component)
2016-present	Member, American Academy of Dental Science, Inc. Boston, MA.
2016	Member, Commission on Dental Accreditation (CODA) Site Visit, University of California San Francisco Craniofacial Clinical Fellowship Program, San Francisco April 2016
2017-2018	<i>2nd Past President</i> , Edward Angle Society of Orthodontists (Eastern Component)
2017	Member, NIDCR Loan Repayment Program Panel ZDE1 LC (20)
2017	<i>External Orthodontic Co-Examiner</i> for the National University of Singapore (NUS) Graduate Orthodontic Program Conjoint MDS (Orthodontics)/M ORTH RCS Edinburgh Examination
2017	Member, Commission on Dental Accreditation (CODA) Site Visit, New York University Langone Medical Center/Institute of Reconstructive Surgery Craniofacial Clinical Fellowship Program, New York March 2017
2017	<i>Chair</i> , Commission on Dental Accreditation (CODA) Site Visit, NYU (Lutheran) Hospitals Center Orthodontic Program, New York April 2017
2018	Member, NIDCR ZRG1 MOSS D10 (Small Business) and ZRG1 MOSS D82 (AREA / R15)
2018	Member, Special Emphasis Panel/Scientific Review Group 2019/05 ZRG1 MOSS-Q (02)M
2020	<i>Chair</i> , ZRG1MOSSD10 (Small Business Grants) Review Committee, June 22-23
2021	Permanent member, NIH Special Emphasis Panel (SEP) on Musculoskeletal, Orthopedic, Oral, Rheumatology, Rehab, Skin
2021	Member, Clinical Informatics and Digital Health (CIDH) Study Section.

SCHOLARSHIP, INVESTIGATION AND DISCOVERY

Grant Support

Active

- 2021-present NIDCR R01 (DE028565) Grant "3D Dynamic and Patient-Centered Outcomes of Facial Reanimation Surgery in Patients with Facial Paralysis" *Principal Investigator: C.A. Trotman*. J. Faraway, T.A. Hadlock, C. Phillips. ~\$2,853,000.00 Total DC 4-YR-PERIOD. In No-Cost Extension.
- 2015-2020 NIDCR U01 (DE024503) Phase II Inter-Center Clinical Trial Grant "Targeting Surgeon Decision Making for Lip Revision Surgery." *Principal Investigator: C.A. Trotman*. Co-Investigators: J.J. Faraway, C. Phillips, J. Wood, C. Runyan, R. Daniel, L. Kilpatrick, L. David, W. Austen, C. Rogers, I. Ganske, R. Bruun, E. Liao, A. Scott, E. Bennet. ~\$2,000,000.00 Total DC 5-YR-PERIOD.

Completed

- 2015-2017 NIDCR R21 (DE025295) Grant "Function and Form Outcomes in Patients with Facial Paralysis." *Principal Investigator: C.A. Trotman*. Co-Investigators: T.A. Hadlock, C. Phillips. \$150,000.00 Total YR01 & 125,000.00 Total YR02. In no-cost extension yr 2018-2019.
- 2012-2014 NIDCR STTR Phase II Grant "Dynamic Facial Soft Tissue Analysis System." *Co-Principal Investigators: C. Heaston (3dMD), C.-A. Trotman*. \$380,000.00 Total YR01 & 318,000.00 Total YR02.
- 2010-2013 NIDCR Clinical Trial Planning Grant "Functional Outcomes of Cleft Lip Surgery." *Principal Investigator: C.-A. Trotman*. Co-Investigators: C. Phillips, J. Preisser, R. Strauss. \$150,000 DC YR 01.
- 2006-2012 NIDCR R01 Competing Renewal "Functional Outcomes of Cleft Lip Surgery." *Principal Investigator: C.-A. Trotman*. Co-Investigators: G.K. Essick, S.M. Barlow, C. Phillips, J.J. Faraway, J. van Aalst. \$348,229.00 DC YR01, \$1,851,520.00 DC 5-YR-PERIOD.
- 2009-2011 NIDCR R01 Supplement to Parent Research Project Grant "Functional Outcomes of Cleft Lip Surgery." *Principal Investigator: C.-A. Trotman*. Co-Investigators: G.K. Essick, S.M., C. Phillips, J. van Aalst. \$189,022.00 DC.
- 2009-2011 NIDCR R01 Re-entry Supplement to Parent Project Grant "Functional Outcomes of Cleft Lip Surgery." *Principal Investigator: A. Mercado*. *Mentors: C.-A. Trotman, K. Vig*. \$85,902 DC.
- 2010-2011 NIDCR STTR Phase I Grant "Dynamic Facial Soft Tissue Analysis System." *Co-Principal Investigators: C. Heaston (3dMD), C.-A. Trotman*. \$91,379.00 DC YR01.
- 2008-2010 Robert Wood Johnson Foundation Community-Based Dental Education Round 2. *Principal Investigator: C.-A. Trotman*. Co-Investigator: Dr. Norman Tinanoff. \$200,000.00 DC2-YR-PERIOD.
- 2003-2006 Faculty Recruitment and Retention: Perceptions and Concerns of Early and Mid-career Faculty at the University of North Carolina. *Co-Principal Investigators: Betsy Brown and C.-A. Trotman*. TIAA-CREF Institute funded \$35,000.00.
- 2005-2007 Refining Measures of Lip Function. *Principal Investigator: C.-A. Trotman*, Co-Investigator: J.J. Faraway. NIDCR R03 Proposal. \$50,000.00 DC YR 01, \$100,000.00 DC 2-YR-PERIOD.
- 2001-2005 Functional Outcomes of Cleft Lip Surgery. *Principal Investigator: C.-A. Trotman*. Co-Investigators: G.K. Essick, S.M. Barlow, C. Phillips, and J.J. Faraway. NIDCR R01 Grant DE 13814 funded \$337,818.00 DC YR 01, \$1,361,842.00 DC 4-YR-PERIOD.

- 1998-2002 Functional Orthodontic Outcomes. *Principal Investigator: C.-A. Trotman.*
Co-Investigator: W.R. Proffit. NIDCR funded \$54,647.00 DC YR 01, \$229,064.00 DC 5-YR-PERIOD
- 2000-2001 Perceptions on Faculty Recruitment, Retention, and Success in Dental Academia. *Principal Investigator: C.-A. Trotman.* Co-Investigators: J.C.F. Tulloch, E. Bennett, N. Scheffler. AAOF funded \$10,000 1-YR-PERIOD
- 1999-2000 Mobility of Photodamaged Skin: Treatment Effects. *Co-Principal Investigator: C.-A. Trotman,* G. K. Essick. Unilever Research USA \$60,000.00
- 1996-1997 Clinical Outcomes of Distraction Osteogenesis. Submitted as part of the Center for Biorestitution of Oral Health Development Grant (School of Dentistry, University of Michigan). *Principal Investigator: C.-A. Trotman,* \$4,500.00
- 1992-1993 Unilateral and Bilateral Cleft Lip and Palate Treatment Regimes: An Intercenter Study. American Association of Orthodontists Research Grant. *Principal Investigator: C.-A. Trotman.* \$15,000.00
- 1991-1992 Neurohistochemical Analysis of Soft Palate Musculature in Cleft and Non-cleft Mice. Faculty Rackham Grant, University of Michigan. *Principal Investigator: C.-A. Trotman,* \$10,000.00

Submitted (not funded)

- 2019 NIDCR R03 (DE031006) "Quantifying the Therapeutic Impact of Specialized Pro-resolving Mediators (SPMs) on Scarring after Cleft Lip Repair using Multiphoton Microscopy Imaging." *Principal Investigator: E. Papathanasiou.* Co-Investigators: *C.A. Trotman,* T. Van Dyke, A. Scott, I. Georgakoudi ~ \$200,000.00 1-Yr-PERIOD.

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Research Acknowledgements

Motion Analysis Corporation, Motion Analysis, CA. Acknowledgment in Company Manual (1996) regarding cooperative development (Motion Analysis Company, *C.-A. Trotman*, and *M.M. Gross*) of 3-D Face Tracking equipment.

Electronic & Printed Media Publications (Non-Peer Reviewed)

1. Restoring the Power of the Face. *C.A. Trotman:*

<https://vimeo.com/261378447>

2. Featured in Brighter World The Campaign for Tufts publication (2017) Bell's Palsy Research conducted by Dr. Carroll Ann Trotman.
3. Featured in Tufts Dental Medicine, Magazine of the Tufts University Dental Alumni Association (pg. 8) Titled: Facing A Mystery. A Novel use of 3-D Imaging Might Help Explain Bell's Palsy, A Puzzling Facial Paralysis. Written by Jeffrey Burt on research conducted by Dr. Carroll Ann Trotman.
4. Featured in Medical Press/Medical Research: "Mapping facial expressions to explain Bell's palsy, a puzzling facial paralysis" by Jeffrey Burt, Tufts University.
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Trotman, C.-A., Barlow, S. Lip force dynamics in patients with cleft lip. J. Dent. Res. 84 (Spec. Issue A): Abstract 2501. Baltimore MD, 2005.

Essick, G.K., Harris, B., Prajapati, R., Phillips, C., *Trotman, C.-A.* Factors affecting sensory thresholds on the vermillion of patients with cleft lip. American Cleft Palate Association Meeting Program, Abstract #175, April 2005.

Phillips, C., *Trotman, C.-A.* Surgeon agreement: Lip revision for patients with repaired cleft lip. American Association for Dental Research (AADR) meeting, Abstract #796. Orlando Florida 2006.

Trotman, C.-A., Faraway, J.J. Surgical outcomes assessment: Facial movements in patients with cleft lip. American Association for Dental Research (AADR) meeting, Abstract #812. Orlando Florida 2006.

Tanikawa, C., *Trotman, C.-A.* Objective classification of lip morphology in patients with repaired cleft lip and palate. International Association of Dental Research Meeting, Abstract #2807. Toronto Canada, 2008.

Driskill, D., *Trotman, C.-A.* Three-dimensional nasal shape classification in patients with repaired cleft lip. International Association of Dental Research Meeting, Abstract #2806. Toronto Canada, 2008.

Tanikawa, C., Duffy, E., Takada, K., *Trotman, C.-A.* Three-dimensional (3D) changes in nasal morphology after revision surgery. International Association of Dental Research Meeting, Spain, Abstract #3789, July 2010.

Barlow, S.M., *Trotman, C.-A.*, Chu, S.Y., Lee, J., Kieweg, D. Modification of perioral stiffness in children with repaired cleft lip/palate. American Cleft Palate Association Meeting Program, Abstract #09-RA-241, March 2010.

Tanikawa, C., Zere, E., Lida, C., *Trotman, C.-A.*, Takada, K. Three-dimensional facial soft tissue surface changes during smiling in male patients with a repaired unilateral cleft lip/palate. European Orthodontic Society Meeting, Turkey, June 2011.

Lee, N., Heaston, C., Rey, A., Hartman, T., *Trotman, C.-A.* Facial landmark extraction for lip tracking of patients with cleft lip using active appearance model. HCI 2011 14th International Conference on Human Computer Interaction, Orlando, Florida, Abstract #142, July 2011.

Mercado, A.M., Phillips, C., Vig, K.W.L., *Trotman, C.-A.* Nasolabial esthetic outcomes in patients with cleft lip evaluated before and after lip revision surgery. American Cleft Palate Association Meeting Program, San Jose (CA), April 2012.

Trotman, C.-A., Faraway, J.J., Phillips, C., Hartman, T., van Aalst, J.A. Facial/lip movements in cleft lip/palate: Long-term effects of lip revision. IADR General Session, Seattle, Washington, Abstract #176807, March 2013.

Trotman, C.-A., Phillips, C., Faraway, J.J., Hartman, T., van Aalst, J.A. Systematic assessment approach to treatment planning for lip revision surgery. IADR General Session, Seattle, Washington, Abstract #176866, March 2013.

Trotman, C.-A., Green, J.R., Faraway, J.J., Soltmann, R.E., Hartman, T., van Aalst, J.A. Spontaneous dynamics in cleft infants for speech development. IADR General Session, Seattle, Washington, Abstract #176867, March 2013.

Lee, N., Heaston, C., Rey, A., Hartman, T., *Trotman, C.-A.* Facial landmark extraction for lip tracking of patients with cleft lip using active appearance model. HCI 2011 International 14th International Conference on Human Computer Interaction, Orlando Florida, Abstract #142, July 2011.

Trotman, C.-A., Faraway, J.J., Soltmann, R.E., Hartman, T., van Aalst, J.A. Facial soft tissue dynamics before and after primary lip repair. 12 International Congress on Cleft Lip/Palate and Related Craniofacial Anomalies, Lake Buena Vista, Florida, Abstract #0166, May 2013.

Trotman, C.-A., Heaston, C., Phillips, C., Mercado, A., Lee, N., Hartman, T. Automated three dimensional (3D) measures of the static face in normal and dysmorphic conditions: Novel technology for facial measurement. 12 International Congress on Cleft Lip/Palate and Related Craniofacial Anomalies, Lake Buena Vista, Florida, Abstract #1772, May 2013.

Trotman, C.-A., Phillips, C., Faraway, J.J., Hartman, T., van Aalst, J.A. Influence of objective three dimensional measures and movement images on surgeon treatment planning for lip revision surgery. 12 International Congress on Cleft Lip/Palate and Related Craniofacial Anomalies, Lake Buena Vista, Florida, Abstract #0274, May 2013.

Mercado, A.M., Phillips, C., Vig, K.W.L., *Trotman, C.-A.* Nasolabial esthetic outcomes in patients with cleft lip evaluated in 3-dimensional images. 12 International Congress on Cleft Lip/Palate and Related Craniofacial Anomalies, Lake Buena Vista, Florida, May 2013.

Trotman, C.-A., Yu, J., Phillips, C., Koch, G. Surgeon Agreement/Bias When Evaluating Lip Surgery Outcomes in CL/P Patients. IADR/AADR/CADR Boston, MA, Abstract #1243. March 2015. American Association of Oral & Maxillofacial Surgeons Best Abstract Award—IADR Oral & Maxillofacial Surgery Group.

- Lu, T.-C., Sirianna, V., Trotman, C.-A. Validation of a New Method to Measure Facial Soft Tissue Movements. IADR/AADR/CADR Boston MA, Abstract #4342. March 2015.
- Kanavakis, G, Lee, M, Srinivasan, S, Finkelman, M, Trotman, C.-A. Association of lateral incisor crown-root angulation and palatally impacted canines. IADR/AADR/CADR Boston MA, March 2015.
- Barashi, M.A., Nelson Monteiro, N., Smith, E.E., Zhang, W., Stoppel, W., Kaplan, D., Trotman, C.A., Yelick, P.C. Dental Cell Differentiation on Silk Hydrogel Tooth Bud ECM Scaffolds. IADR/AADR/CADR San Francisco, CA, Abstract #1879. March 2017.
- Regan, D., Faraway, J.J., Trotman, C.A. 3D Nasolabial Morphology In Normal and Cleft Lip/Palate Subjects. IADR/AADR/CADR San Francisco, CA, Abstract #3991. March 2017.
- Barashi, M., Monteiro, N., Stoppel, W., Kaplan, D., Trotman, C.-A., Yelick, P.C. Dental cell differentiation on silk hydrogel tooth bud ECM scaffolds. IADR/AADR/CADR San Francisco, CA March 20-24, 2017.
- Lemchen, A., Breton, C., Finkelman, M., Kanavakis, G., Trotman, C.A. Three Dimensional Evaluation of the Cervical Vertebrae Maturation Index. 2017 Bates Day Poster Presentation, Tufts University School of Dental Medicine.
- Khojah, M., Correa, L., Finkelman, M., Trotman, C.A. Predictors of success for oral appliance (OA) therapy in obstructive sleep apnea (OSA) patients based on initial craniofacial characteristics. Joint Meeting of the American Academy of Sleep Medicine and the Sleep Research Society Boston, MA, Abstract #0594; Article in Sleep 40(suppl_1):A220-A220 · April 2017, DOI: 10.1093/sleepj/zsx050.593. American Academy of Dental Sleep Medicine Clinical Research Award.
- Alhazmia, N., Trotman, C.A., Finkelman, M., Hawley, D., Zoukhrie, D., Papatthanasiou, E. Salivary alkaline phosphatase as a biomarker for skeletal maturity. E-poster, Annual Session, American Association of Orthodontists, San Diego, CA. 2017.
- Regan, D., Hadlock, T., Tran, D., Trotman, C.A. Tracking Facial Recovery in Patients with Facial Paralysis. 2018 Bates Day Poster Presentation, Tufts University School of Dental Medicine.
- Barashi, M., Zhang, W., Monteiro, N., Stoppel, W., Kaplan, D., Trotman, C.A., Yelick, P. Decellularized Tooth Bud ECM Silk Scaffolds Promote Dental Cell Differentiation. IADR/AADR/CADR Fort Lauderdale, FLA March 21-24, 2018.
- Bednarz, A., Lee, M., Finkelman, M., Trotman, C.A., Kanavakis, G. Accuracy of Force Delivery of Nickel Titanium Coil Springs. European Orthodontic Society Congress, Edinburgh, Scotland June 17-21, 2018
- Razavi, L., Dusseldorp, J.R., Hadlock, T.A., Faraway, J., Trotman, C.A. Nasolabial Fold Dynamics in Normal Subjects and Facial paralysis Patients. 2018 Bates Day Poster Presentation, Tufts University School of Dental Medicine. Faculty Mentor: Dr. Carroll Ann Trotman. Omicron Kappa Upsilon (OKU) Hilde Tillman Award to Ms. Razavi.
- Obeid, R.C., Jung, J., Guarin, D., Hadlock, T.A., Trotman, C.A. Validity of 2D versus 3D Facial Measurements for Treatment Outcomes. 2018 Bates Day Poster Presentation, Tufts University School of Dental Medicine. Faculty Mentor: Dr. Carroll Ann Trotman. Scientific Merit Award for First-Time Presenters to Ms. Obeid.
- Chiang, Y.-C., Marvasti-Sitterly, M., Phillips, C., Hadlock, T.A., Trotman, C.A. Facial Paralysis: Impact of Treatment on Perceived Function and QOL. 2018 Bates Day Poster Presentation, Tufts University School of Dental Medicine. Faculty Mentor: Dr. Carroll Ann Trotman. Bates Student Research Group "Peer-reviewed" Award to Ms. Chiang.

Papathanasiou, E., Scott, A., Beale, C., Trotman, C.A., Van Dyke, T. LXA4-ME Reduces Scar Tissue after Cleft Lip Repair. IADR/AADR/CADR Vancouver, Canada, June 19-22, 2019.

Razavi, L., Dusseldorp, J.R., Hadlock, T.A., Faraway, J., Trotman, C.A. Nasolabial Fold Dynamics in Normal Subjects and Facial Paralysis Patients. IADR/AADR/CADR Vancouver, Canada, June 19-22, 2019. ID #1494

Chiang, Y.-C., Marvasti-Sitterly, M., Phillips, C., Hadlock, T.A., Trotman, C.A. Facial Paralysis: Impact of Treatment on Perceived Function and QOL. IADR/AADR/CADR Vancouver, Canada, June 19-22, 2019. ID#: 2447

Obeid, R.C., Jung, J., Guarin, D., Hadlock, T.A., Trotman, C.A. Validity of 2D versus 3D Facial Measurements for Treatment Outcomes. IADR/AADR/CADR Vancouver, Canada, June 19-22, 2019. ID#: 2104

Scott, A.R., Trotman, C.A., Beale, C., van Dyke, T.E., Papathanasiou, E. Development of a Novel Animal Model to Simulate Scarring After Cleft Lip Repair Surgery." AAFPRS Annual Meeting Boston, M.A 2020.

Clark, G., Corrado, A., Trotman, C.A. Utility of Two-Dimensional (2D) versus Three-Dimensional (3D) Facial Photographs for Surgical Treatment Planning in Patients with Repaired Cleft Lip/Palate (CL/P) who need Lip Revision. 2021 Bates Day Virtual Poster Presentation, Tufts University School of Dental Medicine. Faculty Mentor: Dr. Carroll Ann Trotman.

HONORS, AWARDS

1982	Certificate of Merit in Oral Surgery, Dundee University
1982	Alexander Robb Mechan Prize in Dentistry, Dundee University
1983	Seventh Day Adventist Award for <u>Clinical Excellence in Dentistry</u>
1987	Birnberg Day <u>Postgraduate Prize</u> , Columbia University
1988	Unitek Award for <u>Clinical Excellence</u> , Columbia University
1998	Sigma Si
2000	ADEA NDAF/Colgate Faculty Recognition Award for Research
2002	Omicron Kappa Upsilon (OKU), Upsilon Upsilon Chapter
2002	Fellow, American Council on Education
2015	<u>Best Abstract</u> , American Association of Oral & Maxillofacial Surgery Group titled "Surgeon agreement/bias when evaluating lip surgery outcomes in CL/P patients" International Association for Dental Research 93 rd General Session & Exhibition
2017	Certificate of Appreciation for Service, Commission on Dental Accreditation.
2017	Elected as a member of the American Academy of Dental Sciences (AADS), Harvard University, Boston, M.A.
2018	Brainerd "Barney" Swain Award of Excellence for the <u>Best Paper 2018</u> , Edward Angle Society of Orthodontists (Eastern Component) titled "Measuring the Determinants of Facial Disability"
2019	Inducted as a Fellow, American College of Dentists.
2019	Elected to the Robert R. Andrews Honor Society for the Promotion of Research, Tufts University School of Dental Medicine.
2020	Elected to the American College of Dentists
2023	Elected to the International College of Dentists
2025	Elected to the Pierre Fauchard Academy

PRESENTATIONS**Invited Speaker**

- 1987 Greater New York Dental meeting, Title: "Affine Transformation."
 1992-1997 Washtenaw Community College, Title: "Treatment of Patients with Cleft Lip and Palate."
 1992 Michigan Cleft Palate Association, Title: "Alveolar Bone Grafting."
 1993 Beckwith-Wiedemann Association, Title: "Orthodontic Treatment Options."
 1993 Michigan Oral and Maxillofacial Surgery Seminar, Title: "Orthodontic techniques." 1992 Michigan Cleft Palate Association Meeting, Title: "Treatment of Midfacial Retrusion in Cleft and Craniofacial Patients."
 1994 Michigan Cleft Palate Association Meeting, Title: "Update in Dentistry."
 1995 Michigan Cleft Palate Association Meeting, Title: "Airway Obstruction."
 1996 Great Lakes Association of Orthodontists Annual Meeting, "Moderator of Scientific Session."
 1996 American Association of Orthodontists Annual Session Scientific Program, Title: "How Treatment changes in Form and Function Affect Growth and Development in Patients with Cleft Lip and Palate."
 1996 Meeting of the Michigan Society of Oral and Maxillofacial Surgeons, Chalmers J. Lyons Academy, and Detroit Academy of Oral Surgery, Title: "Vertical Problems."
 1997 American Association of Orthodontists Annual Session Scientific Program, Title: "The Role of the Orthodontist in the Management of Primary Midfacial Deformities."
 1997 Children's National Medical Center, Washington, DC, Title: "Statistics for the Dental Specialist"--One day course given to the Orthodontic and Pediatric Dentistry Residents.
 1997 Thumb Dental Society Meeting, Port Huron, Title: "How Treatment changes in Form and Function Affect Growth and Development in Patients with Cleft Lip and Palate."
 1998 American Cleft Palate-Craniofacial Association 55th Annual Meeting. Co-Chair Pre-Conferences Symposium, Title: "Driven to Distraction: The Reconstruction of Craniofacial Malformations."
 1998 American Association of Orthodontists Annual Session Scientific Program, Title: "Clinical Management of Patients with Craniofacial Anomalies."
 1999 American Association of Dental Schools-Section on Orthodontics, Title: "The Impact of Technology: A Faculty's Perspective."
 1999 American Cleft Palate-Craniofacial Association 56th Annual Meeting. Panel Presentation, Title: "Decision Analysis-Alveolar-Nasal Fistula."
 1999 Scottish Rite Children's Medical Center, 11th Annual Symposium on Cleft Lip & Palate and Related Conditions, Title: "Controversies in Cleft Care" and "Facial Mobility as an Outcome Measure for Surgical Reconstructive Procedures."
 1999 Department of Orthodontics, Osaka University, Osaka, Japan, Title: "Principles of Treatment for Cleft Lip and Palate" and "Facial Mobility as an Outcome Measure for Surgical Success."
 1999 Department of Orthodontics, Tokyo Medical and Dental University, Japan, Title: "Facial Mobility as an Outcome Measure for Surgical Success."
 1999 Harvard Dental Society Meeting, Seoul, Korea, Title: "Facial Mobility as an Outcome Measure for Surgical Success."
 2000 The Jerry and Jane Weintraub Center for Reconstructive Biotechnology, Title: "Dynamic Facial Analysis as an Outcome Measure for Surgical Success."
 2000 University of North Carolina School of Dentistry, Title: "Careers in Dentistry"
 2000 American Dental Education Association's Minority Recruitment and Retention Conference Panelist, Title: "Recruitment and Retention of Faculty."
 2000 American Association of Orthodontists Annual Session Scientific Program, Title:

- "Controversies in Cleft Care."
- 2001 Educators Conference, American Association of Orthodontists, Title: "Recruitment, Retention, and Success in Dental Academia."
- 2001 University of Houston Dental School, Title: "Outcomes Assessment of Soft Tissue Surgery."
- 2001 Southern Orthodontic Association Conference, Title: "Recruitment, Retention, and Success in Dental Academia."
- 2003 University of Louisville School of Dentistry, Title: "Outcome Measures for Cleft Lip Surgery: Issues Related to Facial Movements."
- 2004 University of North Carolina School of Dentistry, Dental Research in Review—Hands on Workshop, Title: "The Role of Facial Imaging in Orthodontics: Novel Techniques and Applications."
- 2004 American Cleft Palate-Craniofacial Association 60th Annual Meeting, Title: Visual and Statistical Modeling of Facial Movement in Patients with Cleft lip."
- 2004 Edward H. Angle Society of Orthodontists Meeting—Eastern Component, Title: "Visual and Statistical Modeling of Facial Movement in Patients with Cleft lip."
- 2004 TIAA-CREF Institute Three R Conference, Co-Presenter, Title: "Faculty Recruitment and Retention: Perceptions and Concerns of Early and Mid-career Faculty at the University of North Carolina."
- 2004 Keeping Our Faculties III Conference, Co-Presenter, Title: "Recruiting, Retaining, and Advancing Faculty of Color", University of Minnesota.
- 2005 Edward H. Angle Society of Orthodontists Meeting—Eastern Component, Title: "Functional Lip Force Dynamics in Patients with Cleft Lip: Implications for Facial Movement."
- 2005 American Association of Orthodontists Annual Session Scientific Program, Title: "3-D Dynamic Facial Movement Modeling as an Outcome Measure for Surgical Success."
- 2006 Edward H. Angle Society of Orthodontists Meeting—Eastern Component, Title: "Smile Analysis and Quantification."
- 2007 Osaka University, Invited Presenter, Title: "New Developments in Orthodontics: The Case for Evidence-Based Treatment."
- 2007 Edward H. Angle Society of Orthodontists Meeting—Eastern Component, Title: "Effect of Lip Revision Surgery on Patients with Repaired Cleft Lip: Clinical Trial Findings 2001-2005."
- 2007 American Dental Educators Association 84th Annual Session, Title: "Change, Innovation, and The Quality of Faculty Work-Life."
- 2007 American Cleft Palate-Craniofacial Association 63rd Annual Meeting, Pre-Conference Symposium, Title: "Lip Revisions. Did We Achieve What We Set Out To Accomplish? Clinical Trial Findings 2001-2005."
- 2007 American Cleft Palate-Craniofacial Association 63rd Annual Meeting, Title: "Subjective and Objective Measures of Lip Function for the Surgeon."
- 2007 American Association of Orthodontists 107th Annual Session, Title: "A New Look at the Soft Tissue Paradigm: Soft Tissue Effects of Facial Surgery."
- 2007 Delegation to Moldova (dental visit), Titles: (1) "New Developments in Orthodontics: The Case for Evidence-Based Treatment." (2) "Orthodontic and Surgical Management of the Cleft Patient." (3) "Principles of Surgical Orthodontic Treatment."
- 2007 37th Biennial Meeting of the Edward H. Angle Society, Title: "Smile Analysis and Quantification in Cleft Patients: An Analysis of the Effects of Surgery."
- 2007 66th Annual Meeting of the Japanese Orthodontic Society, Title: "The Soft Tissue Paradigm: A Focus on Dynamic Shape/Movement."
- 2007 7th Scientific Postgraduate Symposium, University of Sao Paulo School of Dentistry, Bauru, Brazil, Title: "Controversies in Cleft Care: Effects of Surgery (2001-2005)."
- 2008 The Mouth and Face Forum 2008—In Silico Dentistry, Invited Presenter, Title: "What is in a Smile: Smile Analysis to Assess Impaired Mobility—Clinical Trial

- Findings (2001-2005).”
- 2008 3dMD Company Session at the American Cleft Palate-Craniofacial Association 64th Annual Meeting, Title: “Dynamic Outcomes of Facial Soft Tissue Surgery: Objective Movement Analysis.”
- 2008 American Association of Orthodontists 108th Annual Session, Title: “Cleft Lip Revision Surgery: Clinical Trial Outcomes and Implications for Clinical Care.”
- 2010 7th International Orthodontic Congress, Title: “Diagnostic 3D Facial Soft Tissue Imaging: Dynamic & Form Outcome Evaluations.”
- 2010 ADEA CCI Summer Meeting Panelist on Instructional Technology Solutions for Dental Education Panel & Invited Presenter, Title: “Learning Without Limits.”
- 2011 International Symposium on Physiome and Systems Biology for Integrated Life Sciences and Predictive Medicine. MEI Center, Title: “Finishing Treatment in Patients with Craniofacial Disabilities: The Importance of Facial Soft Tissue Animations.”
- 2012 American Association of Orthodontists 112th Annual Session, Title: “The Missed (4th) Dimension of Time in Cleft Care: When is Treatment Completed?”
- 2012 XIV International Symposium on Dentofacial Development and Function, 11th National Congress on Orthodontics of China, Beijing, China, Title: “Assessing Soft Tissue Disability in Patients with Cleft Lip/Palate.”
- 2013 Giddon Behavioral Medicine and Dentistry Lecture, Research Day, Harvard School of Dental Medicine. Title: “Targeting and Improving Soft Tissue Functional Outcomes for Craniofacial Rehabilitation.”
- 2013 Friends of NIDCR: Bringing Oral Health Research Home. University of North Carolina School of Dentistry. Title: Targeting Surgeons’ Decision-Making for Lip Surgery.”
- 2014 Bates-Andrews Student Research Day. Tufts University School of Dental Medicine. Title: “Restoration of Soft Tissue Dynamics and Form in Cleft Lip /Palate Patients.”
- 2016 American Association of Orthodontists 2016 Winter Conference Collaborative Management of Complex Dentofacial Conditions. Title: “Cleft Palate and Craniofacial Update on Orthodontics and Surgery.”
- 2017 Edward Angle Society Meeting (Eastern Component). Title: “The Cervical Vertebrae Maturation Index: How valid is this?”
- 2017 American Association of Orthodontists 117th Annual Session, Title: “3D Approach to Target Facial Soft Tissue Asymmetry.”
- 2017 China International Orthodontic Conference & 16th National Orthodontic Conference of Chinese Orthodontic Society. Title: “Targeting Facial Asymmetry and Shape Distortions in Three Dimensions.”
- 2018 AEEDC Dubai World Orthodontic 2018 Conference, Title: “Current Concepts in the Care and Treatment of Patients with Cleft Lip/Palate.”
- 2018 Edward Angle Society Meeting (Eastern Component). Title: “Measuring the Determinants of Facial Disability.”
- 2019 18th General Session of Western China Stomatological Academic Conference, Chengdu, China. Title: “Current Concepts in the Care and Treatment of Patients with Cleft Lip/Palate.”
- 2019 American Academy of Dental Science, Harvard University, Title: “The Power of The Face.”
- 2019 International Webinars Angle Society of Europe (ASE) and Angle East Society. Craniofacial growth/ disturbed tooth eruption/auto-transplantation. Co-Presenter with Dr. Timothy Turvey. Title: “Facial Cleft and Craniofacial Update on Orthodontics and Surgery.”
- 2020 Mentoring Circles Program of the Massachusetts Chapter of the National Association of Women in Science. Invited Speaker. Title: “Mentoring for Success.”
- 2019 The Edward H. Angle Society of Orthodontics 43rd International Biennial Meeting. Title: “The Power of the Face: Restoring Function after Paralysis & Cleft Repair.”
- 2020 Gordon Conference. Barga, Italy. Cells, Tissues and Interactions: Creating Form and Repairing the Head. GRC: Craniofacial Morphogenesis and Tissue Regeneration. Title “The Power of the Face: Restoring Function Following Paralysis &

- Clefting.”
- 2020 9th International Orthodontic Congress (9th Virtual IOC). The 12th Asian Pacific Orthodontic Conference. The 79th Annual Meeting of the Japanese Orthodontic Society. Title: “The Power of the Face: Restoring Function after Paralysis & Cleft Impairment.”
- 2021 “Pathway to Promotion for Early Career Faculty: Pearls of Wisdom.” Presenters: Drs. Thaisa Bordin, Carroll Ann Trotman, Sophia Seed, Lynn Johnson. 2021 ADEA Annual Session.

Continuing Education Courses Given

- 1994 “Orthodontic and Surgical management of the Cleft Patient”, The University of Michigan School of Dentistry
- 1995 “Treatment of patients with cleft lip and palate”, The University of Michigan School of Dentistry
- 1996 An Overview for the Brazilian Orthodontic Specialist “The Treatment of Patients with Cleft Lip and Palate and other Craniofacial Anomalies”, The University of Michigan School of Dentistry
- 1996 “Treatment of patients with craniofacial anomalies”, The University of Michigan School of Dentistry
- 2004 “Orthodontic Management of Patients with Cleft Lip and Palate”, Asheville, North Carolina (AHEC). The University of North Carolina School of Dentistry
- 2008 “What is in a Smile?” and “Bone Anchors in Orthodontics”, Alaska Inside Passage Cruise, The University of Maryland

SOCIETY MEMBERSHIPS

- 1991-present American Cleft Palate Association
- 1995-present American Dental Association
- 1995-present American Association of Orthodontists
- 1998-present American Association for Dental Research
- 2000-present American Dental Education Association
- 2002-present Omicron Kappa Upsilon
- 2003-2004 American Association for Higher Education
- 2002-present American Council on Education
- 2007-present Edward H. Angle Society of Orthodontists (Eastern Component)
- 2019-present American College of Dentists

EDITORIAL REVIEWER

- 1992-2016 American Journal of Orthodontics and Dentofacial Orthopedics.
- 1992-2015 American Cleft Palate-Craniofacial Anomalies Journal.
- 1993-present Australian Orthodontic Journal.
- 1996-present Angle Orthodontist.
- 2000-present Journal of Dental Education.
- 1997-1998 Journal of Oral Medicine, oral Surgery, and Oral Pathology, Oral Radiology, and Endodontics.
- 1997-1998 Journal of Prosthodontics.
- 2004-2015 Journal of Oral Rehabilitation.
- 2008 Medical Engineering and Physics
- 2009 World Journal of Orthodontics
- 2009-2010 International Journal of Pediatric Dentistry
- 2010-present Journal of Dental Research

2011-2015	Journal of Orofacial Pain
2012	Clinical Epidemiology
2019	Orthodontics and Craniofacial Research
2019	Plastic and Aesthetic Research

MEETINGS ATTENDED

1990 Finishing, Retention, and Ortho-Perio.
 1990 Update in Orthodontics.
 1990 Annual Conference on TM Disorders.
 1991 Tweed Technique Course.
 1991 The Frankel Appliance: Theory and Practice.
 1991 18th Annual Moyers Symposium.
 1991 Oral Pathology in Children and Adolescents.
 1991 Clinical use of the Herbst Appliance.
 1991 Annual Jarabak Memorial Lecture.
 1991 Current Concepts in the Diagnosis and Treatment of TMD.
 1991 Update in Orthodontics: Orthodontic and Orthopedic Treatment in the Mixed and Early Permanent Dentition.
 1991 Fourth Annual Conference on TM Disorders: Patient Assessment and Diagnostic Imaging.
 1992 19th Annual Moyers Symposium.
 1992 The Eight Annual Jarabak Lecture: Non-extraction Orthodontic Treatment.
 1992 Annual Conference on TM Disorders.
 1992 American Cleft Palate-Craniofacial Association 49th Annual meeting.
 1992 Michigan Cleft Palate Association Annual Conference.
 1993 20th Annual Moyers Symposium.
 1993 Biological and Psychological Aspects of Orofacial Pain.
 1993 Cephalometrics for the Dental Specialist.
 1993 American Cleft Palate-Craniofacial Association 50th Annual Meeting.
 1994 21st Annual Moyers Symposium.
 1994 Michigan Cleft Palate Association Annual Conference.
 1995 22nd Annual Moyers Symposium. Interdisciplinary Management of the Implant Patient. Growth Modification: Does it Work or Not?
 1995 Orthodontics at Michigan.
 1996 Annual Moyers Symposium.
 1996 Surgical Orthodontics into the 21st Century.
 1996 Orthodontic Update: Latest Concepts & Techniques.
 1996 Dialogues in Orthodontics.
 1996 Orthodontics at Michigan.
 1996 American Cleft Palate-Craniofacial Association 53rd Annual Meeting.
 1996 Michigan Cleft Palate Association Annual Conference.
 1996 The Great Lakes Association of Orthodontists Annual Meeting.
 1996 American Association of Orthodontists Annual Meeting.
 1996 Michigan Society of Oral and Maxillofacial Surgeons, Chalmers J. Lyons Academy, and Detroit Academy of Oral Surgery Annual Meeting.
 1997 American Cleft Palate-Craniofacial Association 54th Annual Meeting.
 1997 The Era of Hyper-Efficient Orthodontics.
 1997 Simplified Treatment Mechanics and the Cantilever Bite Jumper.
 1997 American Association of Orthodontists Annual Meeting.
 1997 Thumb Dental Society Meeting.
 1988 NIDR Craniofacial Morphogenesis Workshop.
 1988 American Cleft Palate-Craniofacial Association 55th Annual Meeting.
 1998 Southern Orthodontic Association Meeting.

- 1998 American Association of Orthodontists Annual Meeting.
- 1999 American Dental Education Association Annual Meeting.
- 1999 Scottish Rite Children's Medical Center, 11th Annual Symposium on Cleft Lip & Palate and Related Conditions.
- 1999 American Association for Dental Research Annual Meeting.
- 1999 American Cleft Palate-Craniofacial Association 56th Annual Meeting.
- 1999 University of North Carolina Orthodontic Alumni Meeting.
- 2000 University of North Carolina Orthodontic Alumni Meeting.
- 2000 American Cleft Palate-Craniofacial Association 57th Annual Meeting.
- 2000 American Dental Education Association Annual Meeting.
- 2000 American Association for Dental Research Annual Meeting.
- 2000 American Dental Education Association Conference on Minority Recruitment and Retention.
- 2001 American Dental Education Association Annual Meeting.
- 2002 Southern Orthodontic Association Meeting.
- 2002 American Cleft Palate-Craniofacial Association 59th Annual Meeting.
- 2003 American Association for Dental Research Annual Meeting.
- 2003 American Cleft Palate-Craniofacial Association 60th Annual Meeting.
- 2004 Southern Association of Orthodontists Meeting.
- 2004 Annual Moyers Symposium.
- 2004 American Cleft Palate-Craniofacial Association 60th Annual Meeting.
- 2004 Edward H. Angle Society of Orthodontists Meeting—Eastern Component.
- 2007 American Dental Educators Association 49th Deans' Conference.
- 2007 37th Biennial Meeting of the Edward H. Angle Society.
- 2008 Commission on Dental Accreditation: Informational Session.
- 2008 American Dental Educators Association Academic Affairs 50th Deans' Meeting.
- 2008 American Dental Educators Association Leadership Development for Diversity Officers Workshop.
- 2008 American Dental Educators Association Diversity and Access to Dental Careers Conference "Courageous Leadership—Breaking through the Barriers."
- 2008 Edward H. Angle Society of Orthodontists Meeting—Eastern Component.
- 2008 American Dental Association Annual Session.
- 2008 85th American Dental Educators Association Annual Session.
- 2008 3rd MEI International Symposium.
- 2008 American Dental Educators Association 50th Deans' Conference.
- 2009 American Association of Orthodontists 109th Annual Session.
- 2009 American Cleft Palate-Craniofacial Association 66th Annual Meeting.
- 2009 Edward H. Angle Society of Orthodontists Meeting—Eastern Component.
- 2009 National Dental Association Annual Meeting.
- 2009 American Dental Association Annual Session.
- 2010 Seventh International Orthodontic Congress, Sydney, Australia.
- 2010 American Cleft Palate-Craniofacial Association 67th Annual Meeting.
- 2010 87th American Dental Educators Association Annual Session.
- 2010 Edward H. Angle Society of Orthodontists Meeting—Eastern Component.
- 2010 American Association of Orthodontists 110th Annual Session.
- 2010 American Dental Association Annual Session.
- 2011 American Association of Orthodontists 111th Annual Session.
- 2011 American Cleft Palate-Craniofacial Association 68th Annual Meeting.
- 2011 Edward H. Angle Society of Orthodontists Meeting—Eastern Component.
- 2011 88th American Dental Educators Association Annual Session.
- 2012 Edward H. Angle Society of Orthodontists Meeting—Eastern Component.
- 2012 89th American Dental Educators Association Annual Session.
- 2012 American Association of Orthodontists 112th Annual Session.
- 2012 American Cleft Palate-Craniofacial Association 69th Annual Meeting.
- 2113 Edward H. Angle Society of Orthodontists Meeting—Eastern Component.
- 2013 90th American Dental Educators Association Annual Session.

- 2013 American Association for Dental Research Annual Meeting.
- 2013 12th International Congress on Cleft Lip/Palate and Related Craniofacial Anomalies.
- 2015 American Association of Orthodontists Winter Conference, Miami Beach, Florida.
- 2015 Dr. Herbert I. Margolis Lectureship: Miniplate Anchorage for Midface Protraction in Class III Patients and Molar Distalization in Class II cases—Dr. Hugo De Clerk.
- 2015 Edward H. Angle Society of Orthodontists Meeting—Eastern Component.
- 2015 41th Biennial Meeting of the Edward H. Angle Society of Orthodontists, Pasadena CA.
- 2015 American Association of Orthodontists 115 Annual Session.
- 2016 American Association of Orthodontists Winter Conference, Indian Wells California.
- 2016 Edward H. Angle Society of Orthodontists Meeting—Eastern Component.
- 2017 American Association of Orthodontists 116 Annual Session.
- 2017 Edward H. Angle Society of Orthodontists Meeting—Eastern Component.
- 2017 American Association of Orthodontists 117 Annual Session.
- 2017 China International Orthodontic Conference & 16th National Orthodontic Conference of Chinese Orthodontic Society, Shanghai.
- 2018 AEEDC Dubai World Orthodontic 2018 Conference.
- 2018 American Association of Orthodontists 118 Annual Session.
- 2018 Edward H. Angle Society of Orthodontists Meeting—Eastern Component.
- 2018 Golub Family Lecture on Orthodontics. Speaker: Dr. David Sarver.
- 2019 American Association of Orthodontists 119 Annual Session.
- 2019 Edward H. Angle Society of Orthodontists Meeting—Eastern Component.
- 2019 Golub Family Lecture on Orthodontics. Speaker: Dr. Benjamin Pilska.
- 2020 American Association of Orthodontics 120 Virtual Annual Session.
- 2020 North Eastern Society of Orthodontics Conference (NESOCON) Virtual Session.
- 2020 Yankee Dental Congress. Orthodontic Virtual Symposium.
- 2021 New England Section American College of Dentists Annual Meeting and Awards Ceremony.