

Curriculum Vitae

Dr. Douglas M. Erickson

1. CURRENT POSITION:

Solo Private Prosthodontic Practice
Dental Implant and Reconstructive Center
1212 Medical Arts Building
324 W. Superior Street
Duluth, MN
1998-2021 (retired)

2. EDUCATION AND TRAINING:

- a. Postdoctoral Education: 1992-1995
AFIT/University of Texas Health Sciences Center at San Antonio
School of Dentistry
San Antonio, Texas
Master of Science in Prosthodontics, 19 May 1995
- b. Postdoctoral Education: 1981-1982
Denver General Hospital
Oral Surgery/General Practice Residency Program
Denver, Colorado
Certificate for General Practice Residency completion, 30 June 1982
- c. Doctoral Education: 1977-1981
University of Minnesota, School of Dentistry
Minneapolis, Minnesota
Doctor of Dental Surgery awarded on 19 June 1981
- d. Undergraduate Education: 1972-1977
St. Olaf College
Northfield, Minnesota
Major in Biology
Bachelor of Arts awarded, June 1977
- e. Professional Military Education: February 1992
Air Command and Staff School

3. ACADEMIC/PROFESSIONAL APPOINTMENTS:

- a. Adjunct Assistant Professor,
Department of Graduate Prosthodontics,
University of Minnesota, 2016-2021
- b. Member, St. Luke's/Essentia Hospitals Craniofacial Clinic,
Duluth, Mn, 2003-2021

- c. Member, American Academy of Restorative Dentistry, July 2011
- c. President and Program Chairman, Northeastern District Dental Society
Duluth, MN, 2009-2011
- d. President, Minnesota Academy of Gnathological Research
Minneapolis, MN, 2006-2007
- e. President, Minnesota Chapter of the American College of Prosthodontist
Minneapolis, MN, 2005-2006
- f. Lieutenant Colonel, USAF, 10 years' service, Honorable Discharge 1998
- g. Wilford Hall Medical Center
Lackland Air Force Base, Texas
 - 1996-97. Chief, Dental Laboratory Services. Responsible for 6 Dental Laboratories at Lackland AFB, with a working staff of 44 enlisted and civilian personnel. Instrumental in the development and implementation of new Stereolithography Laboratory, a unique DOD resource, and a new Area Dental Laboratory supporting dental clinics in the states of Texas, Louisiana, Arkansas and Oklahoma.
 - 1995-96. Assistant Chairman for Removable Prosthodontics, Department of Prosthodontics. Responsible for the assignment and monitoring of removable prosthodontic cases handled by junior and senior post-graduate prosthodontics residents.
 - 1995-96. Assistant Chairman for Freshman Training, Department of Prosthodontics. Responsibilities included the pre-clinical laboratory training of freshman post-graduate prosthodontic residents, and the assignment and mentoring of resident Masters research projects.
- h. Appointment to the Graduate Faculty
Department of Prosthodontics
Graduate School of Biomedical Sciences
University of Texas Health Science Center at San Antonio, Texas
- i. Resident Clinical Instructor
University of Texas Health Science Center at San Antonio, Texas
Responsible for teaching junior and senior dental students on complete and removable prosthodontic dental laboratory techniques.
- j. Past Clinical Assistant Professor. University of Colorado School of Dentistry,
Denver, Colorado
Contributed as a preceptor of senior dental students in community clinical settings.
- k. Associate Staff, St. Anthony Hospital System
Denver, Colorado, 1 April 1988

4. BOARD CERTIFICATION/LICENSURES:

Board Certification:

- a. American Board of Prosthodontics
Date: June 1996 (Life Diplomate Status, 2022)
- b. Central Regional Board
Date: 14 June 1981

Licensure:

- a. State: Idaho
License #: D-5216-PR
Date: 16 October 2020
- b. State: Wyoming
License #: 1562
Date: 15 October 2020
- c. State: Minnesota
License #: D9892
Date: 21 October 1981 (Emeritus Active, 2022)
- d. State: Colorado
Date: 21 October 1981 (inactive)
- e. National: National Board of Dental Examiners
American Dental Association
Date: June 1981

5. MILITARY ASSIGNMENTS:

Jul 1995 – Jun 1997	-	Lackland Air Force Base, Texas (AETC)
Jul 1992 - Jun 1995	-	Lackland Air Force Base, Texas (AFIT)
Oct 1988 - Jun 1992	-	Travis Air Force Base, California (MAC)

6. PUBLISHED ARTICLES:

Erickson, D.M., Chance, D., Schmitt, S., Mathis J. 1999. **An Opinion Survey of Reported Benefits from the Use of Stereolithographic Models.** J Oral Maxillofac Surg, 57:1040-1043.

Erickson, D.M., Harris, S.E., Dean, D.D. Boyan, B.D. Schwartz, Z. 1997. **Recombinant Bone Morphogenetic Protein - 2 Affects Costochondral Chondrocyte Proliferation and Differentiation in a Cell Maturation-Dependent Manner.** J Orthop Res, 15(3):371-80.

Erickson, D.M. 1995. **Regulation of Growth Zone and Resting Zone Chondrocytes by Bone Morphogenetic Protein – 2**, Master Thesis.

7. PUBLISHED ABSTRACTS:

- a. Erickson, D.M., Harris, S.E., Dean, D.D., Brooks, B.P., Luna, M., Schwartz, Z., Boyan, B.D. 1994. **Direct Effect of rhBMP-2 on Chondrocyte Differentiation is Maturation-Specific**. J Dent Res, 73: 376.
- b. Dean, D.D., Harris, S.E., Meincki, J.W., Erickson, D.M., Wozney, J.M., Boyan, B.D., Schwartz, Z. 1995. **Bone Morphogenetic Protein - 2 is an Autocrine Factor for Chondrocytes in the Endochondral Pathway**. Submitted for publication with 1996 Orthopedic Research Society.

8. CERTIFICATIONS:

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| July 2022 | - | CPR Provider, American Heart Association |
| June 1992 | - | ACLS Provider, American Heart Association |
| May 1988 | - | Intravenous Sedation Techniques, David Grant Medical Center, Travis Air Force Base, California |
| July 1982 | - | Dental General Practice Residency, Denver General Hospital, Denver, Colorado |

9. MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:

- a. District 10 Representative to the Council on Governmental Affairs, American Dental Association
- b. American Academy of Restorative Dentistry
- c. International Academy of Gnathological Research
- d. Member of MnDenpac Board, Minnesota Dental Association
- c. American College of Prosthodontists
- d. American Board of Prosthodontics, diplomate
- e. American College of Dentists
- f. Minnesota Academy of Gnathological Research, past president
- g. Minnesota Northeastern District Dental Association, past president
- h. American Dental Association
- i. Minnesota Dental Association
- j. Omicron Kappa Upsilon
- k. Rotary Club 25, Duluth, MN

10. EXPERT WITNESS

2006-7 Materialise Dental v. Nobel Biocare

- a. Patent infringement over stereolithographic surgical guides for placement of dental implants in edentulous arches.
- b. Represented Materialise interests
- c. Settled out of court

2015 Expert witness for Sirona/Dentsply
 Sirona v. Straumann - settled
 Sirona v. Anatomage - settled
 Sirona v. 3 Shape - settled

11. LECTURES:

Everything Implants: The learned subtleties that can make implants easy and fun.

PowerPoint Presentation
 Dental Rendezvous
 Thunder Bay, Ontario
 January 2016

The Evolution of Solo Dental Practice Under the Influence of the Rapid Growth of Corporate Dentistry.

Lecture
 Driggs, Idaho
 January 2015

Everything Implants: The learned subtleties that can make implants easy and fun.

PowerPoint Presentation
 Great Lakes Study Club
 Proctor, Minnesota
 November 2012

Evolution in the use of Computed Tomography in Dentistry,
 Advanced Implant Case Planning, and
 Relevance of CBCT in the Restorative Practice

PowerPoint Presentations
 St. Louis, MO
 December 2009

The Aging Dentition, and
 Dental Photography
 PowerPoint Presentations
 Min-No-Aya-Win Dental Clinic
 Cloquet, MN
 December 2009

Digital 3D Models as an Adjunct to Medical and Dental Care
 PowerPoint Presentation
 Harbortown Rotary Club

Duluth, MN
November 2009

Relevance of CBCT in the Restorative Practice, and
Advanced Implant Case Planning
PowerPoint Presentations
Implant Academy World Conference
Monterey, CA
June 2009

Relevance of CBCT in the Restorative Practice
PowerPoint Presentation
Minnesota Academy of Gnathological Research
White Bear Lake, MN
May 2009

Prosthodontic Solutions for the Average Patient
Table Clinic
Senior Exposition
Duluth, MN
April 2008

The Evolution in the use of Computed Tomography in Dentistry
PowerPoint Presentation
Implant Academy
Philadelphia, PA
April 2008

Prosthodontic Solutions for the Average Patient
Table Clinic
Senior Exposition
Duluth, MN
April 2008

Relevance of CBCT in the Restorative Practice
PowerPoint Presentation
Duluth Dental Forum
Duluth, MN
October 2007

Prosthodontic Solutions for the Average Patient
Table Clinic
Senior Exposition
Duluth, MN
April 2007

Guidance vs. Navigation in Dental Implant Planning and Placement
PowerPoint Presentation

Design of Medical Devices Conference
University of Minnesota
April 2007

Implants and an Aging Population
PowerPoint Presentation
Head of the Lakes Dental Assistants Society
Hibbing, MN
March 2007

Implant Hybrids in the General Dental Office
PowerPoint Presentation
Northern Minnesota Implant and Reconstruction Study Club
Duluth, MN
February 2007

The Aging Dentition – Problems with Wear and Edentulism
PowerPoint Presentation
Blue Parrott Study Club
Bonaire
January 2007

Implant Overdentures
PowerPoint Presentation
Duluth Dental Forum
Duluth, MN
November 2006

The Effect of Digital Data in Implant Dentistry
PowerPoint Presentation
Minnesota Northeast District Dental Society
Hibbing, MN
July 2006

Evolution of CT in Implant Dentistry
PowerPoint Presentation
Minnesota Academy of Gnathological Research
Minneapolis, MN
May 2006

Crown and Bridge tips for Bigger Cases
PowerPoint Presentation
Duluth Dental Forum
Duluth, MN
May 2006

Implants for the Masses
PowerPoint Presentation
Hellickson Study Club

Minneapolis, MN
May 2006

The Evolution in the use of Computed Tomography in Prosthodontics
PowerPoint Presentation
Minnesota Chapter Meeting of the American College of Prosthodontists
Minneapolis, MN
April 2006

Prosthodontic Solutions for the Average Patient
Table Clinic
Senior Exposition
Duluth, MN
April 2006

Implant Innovations and Practical Tips
PowerPoint Presentation
Iron Range Dental Assistants Society
Hibbing, MN
April 2006

Dental Photography, How to do it
PowerPoint Presentation, Hands on Technique Course
Northern Minnesota Implant and Reconstruction Study Club
Duluth, MN
January 2006

The Evolution in the use of Computed Tomography (CT) in Dentistry
PowerPoint Presentation
Materialise Annual Users Meeting
Chicago, IL
November 2005

Prosthodontic Considerations for the Adult Cleft Patient
PowerPoint Presentation
Department of Speech Therapy
University of Minnesota
Duluth, MN
July 2005

Implant Innovations and Practical Tips for the General Practitioner
PowerPoint Presentation
Minnesota Northeast District Dental Society
Hibbing, MN
March 2005

Digital 3D Models as an Adjunct to Medical and Dental Care
PowerPoint Presentation
Duluth Rotary Club

Duluth, MN
May 2004

The Diagnostic Mounting
PowerPoint Presentation, Hands on Technique Course
Northern Minnesota Implant and Reconstruction Study Club
Superior, WI
May 2004

3D Reconstruction Models, Essential for Craniomaxillofacial Surgery
PowerPoint Presentation
Brooks Army Medical Center Trauma Symposium
San Antonio, TX
August 2003

New Technologies: Their Impact in Routine Implant and Restorative Dentistry
PowerPoint Presentation
Minnesota Star of the North State Dental Convention
St. Paul, MN
April 2003

Twenty Ways to Stay out of Trouble with Daily Prosthodontic Cases:
Evaluating a Patient's Restorative Needs and Pulling it Off
PowerPoint Presentation
Minnesota Star of the North State Dental Convention
April 2003

Subtle Variations in the Use of Surgical Guides after 30 Uses: A Few Surprises
PowerPoint Presentation
New York University, Implant Dentistry's Missing Link
PowerPoint Presentation
New York, NY
October 2002

Considerations in Advanced Orthognathic/Restorative Reconstructions
PowerPoint Presentation
Minnesota Academy of Gnathological Research
Minneapolis, MN
May 2002

Medical Applications of Stereolithographic Models
PowerPoint Presentation
AO (Arbeitsgemeinschaft für Osteosynthesefragen), Advanced Symposium
Steamboat Springs, CO
February 2002
Medical Applications of Stereolithographic Models
PowerPoint Presentation
Minnesota Academy of Gnathological Research
Minneapolis, MN

May 2001

New Technologies in Dentistry
PowerPoint Presentation
Pit and Fissure Study Club
Hibbing, MN
April 2001

Practical Prosthetic Applications in Complex Restorative Problems
PowerPoint Presentation
Minnesota Northeastern District Dental Society
Eveleth, MN
March 2001

Medical Applications of Stereolithographic Models
PowerPoint Presentation
Regions Hospital
St. Paul, MN
September 2000

Large Restorative Cases: What is the Best the Best Treatment Modality
PowerPoint Presentation
Minnesota Dental Assistants Association
Hibbing, MN
March 2000

Prosthodontic Tips for the General Practitioner
PowerPoint Presentation
Academy of General Dentistry
Superior, WI
October 1999

Surgical and Restorative Concerns in Implantology
PowerPoint Presentation
Minnesota Northeastern District Dental Society
Eveleth, MN
February 1999

New Technologies in Dentistry: Spark Erosion, Computer Generated Implant
Surgical Guides, Digital Mandibular Recording, Surgical Use of
Stereolithographic Models
PowerPoint Presentation
Duluth Dental Forum
Superior, WI
November 1998

Reported Benefits from the Surgical Use of Stereolithographic Models: a
Preliminary Report
PowerPoint Presentation

San Antonio, Texas
May 1998

Area Dental Laboratory Submission Standards
PowerPoint Presentation
San Antonio, Texas
September 1997

Temporomandibular Influences on Occlusal Concepts
PowerPoint Presentation
San Antonio, Texas
May 1997

Medical Applications of Stereolithographic Models
PowerPoint Presentation
San Antonio, Texas
July 1997

Emerging Dental Laboratory Technologies
PowerPoint Presentation
River City Dental Laboratory Association
San Antonio, Texas
November 1996

Dental Laboratory Update
PowerPoint Presentation
Peterson Area Dental Laboratory Workshop
Colorado Springs, Colorado
March 1997

An Integrated Approach to Orthognathic Surgery and Restorative Therapy
PowerPoint Presentation
American College of Prosthodontics - San Antonio Chapter
San Antonio, Texas
April 1995

Prosthodontic Tips
PowerPoint Presentation
Senior Resident Lecture Series
Wilford Hall Medical Center
Lackland Air Force Base, Texas
October 1994

Regulation of Growth Zone and Resting Zone Chondrocytes by
Recombinant Human Bone Morphogenetic Protein - 2 (BMP-2)
PowerPoint Presentation
American Academy of Dental Research/International Academy of

Dental Research Annual Meeting
Seattle, Washington
October 1994

Load Bearing Implant Materials
PowerPoint Presentation
University of Texas Health Sciences Center at San Antonio
San Antonio, Texas
April 1993

Ceramic Dental Materials
PowerPoint Presentation
University of Texas Health Sciences Center at San Antonio
San Antonio, Texas
March 1993

Practical Infection Control Practices in Air Force Dental Clinics
PowerPoint Presentation
David Grant Medical Center
Travis Air Force Base, California
November 1991

Traumatic Burns
PowerPoint Presentation
David Grant Medical Center
Travis Air Force Base, California
August 1991

Dental Trauma
Lecture
Summit County Medical Center
Frisco, Colorado
January 1987

Study Clubs Established

- Northern Minnesota Implant and Reconstructive Study Club
- Diagnostic Work-up and Documentation for Larger Reconstructive Projects,
Hands-on sessions, Duluth, MN 2004
 - Complete Denture Fabrication, Hands-on sessions, Hibbing Community
College, Hibbing, MN, 2004-5
 - Implant-supported Hybrid Denture Fabrication for the General Practitioner,
Hands-on sessions, Duluth, MN, 2006-7

Scholarships and Awards - Post-Graduate

Robert Beerhalter Memorial Award for “Clinical Excellence and Devotion to Continuing Education, Minnesota Northeast District Dental Society, 2003

Semi-finalist John J. Sharry Prosthodontic Research Competition, American College of Prosthodontists, 1995

Scholarships and Awards - University of Minnesota

Rolland R. Jones Award for Academic Achievement
Omicron Kappa Upsilon National Honor Society
Deans list all 4 years