14th Annual Dental Research Updates from the U of M
Friday, March 2, 2018

Great Hall • Coffman Memorial Student Union

7:30 Final registration and assembly. Continental breakfast

8:00 Welcome

Gary Anderson, DDS, MS
Interim Dean

8:05 Opening remarks

David Bereiter, PhD
Interim Associate Dean for Research

8:10 Keynote presentation: Opioid prescription protocol
Robert Nadeau, DMD, MD

9:00 Research poster presentations and refreshments
School of Dentistry Students

10:00 CaseCAT presentation: Regenerative Endodontics
Ana Fusu (D4)

10:05 Salivary diagnostics: The future is now!
Nelson Rhodus, DDS, MPH

10:45 Anti-biofilm dentin: a novel approach to resist carious lesions around composite restorations
Dina Moussa, BChD, MS, PhD candidate

11:00 Novel regulators of osteoclast formation & function
Eric Jensen, PhD

11:45 Telementoring: measuring the interest for the dental care of children with special health care needs
Megan O’Connell, RDH, BSDH, RF

12:00 Lunch on your own

12:45 Imaging in development: Dental MRI
Laurence Gaalaas, DDS, MS

1:15 What’s in a picture: informing the infectious nature of human cancer viruses through morphological analyses
José Maldonado-Ortiz, PhD, DDS candidate

1:30 Exploring the current knowledge, attitudes, and practices of Minnesota oral health professionals toward HPV-related oropharyngeal cancers and the HPV vaccine
Cyndee Stull, MDH

2:00 From bugs to bone with immunity in between
Massimo Costalonga, PhD, DMD

2:30 Question and answer session

3:00 Closing remarks; adjournment

Powerpoints are available to view on our webpage: https://www.dentistry.umn.edu/continuing-dental-education/lecture-and-participation-courses/dental-research-updates-u-m
Meet Our Keynote Speaker

Robert Nadeau, DMD, MD, Clinical Associate Professor and Clinical Director, Division of Oral and Maxillofacial Surgery, Department of Diagnostic and Biological Sciences, University of Minnesota School of Dentistry. Dr. Nadeau completed his undergraduate and dental education at the University of Minnesota and his Graduate Training Program in Oral and Maxillofacial Surgery and medical degree at the University of Missouri, Kansas City. He received his certification from the American Board of Oral and Maxillofacial Surgery in 2015.
nade0016@umn.edu

Meet Our Presenters

Massimo Costalonga, PhD, DMD, Associate Professor, Division of Periodontology, Department of Developmental and Surgical Sciences, University of Minnesota School of Dentistry. Dr. Costalonga’s research interest centers in the area of mucosal immunology and animal models of periodontitis. He is funded by the National Institutes of Health to study the interaction of commensal and pathogenic microorganisms with the mucosal immune system of the nose and the intestine. Dr. Costalonga has served on the Oral, Dental and Craniofacial Sciences Study Section at the NIH as an ad hoc member for mucosal immunology and currently teaches a range of courses within the dental school.
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Ana Fusu, D4, PASS student, University of Minnesota School of Dentistry.
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Laurence Gaalaas, DDS, MS, Clinical Assistant Professor, Oral and Maxillofacial Radiology, Division of Oral Medicine, Diagnosis and Radiology, Department of Diagnostic and Biological Sciences, University of Minnesota School of Dentistry; Diplomate, American Board of Oral and Maxillofacial Radiology. Dr. Gaalaas received his dental degree from the University of Minnesota in 2012 and completed specialty training and a Master of Science degree in oral and maxillofacial radiology from the University of North Carolina at Chapel Hill in 2015. He is a member of the American Academy of Oral and Maxillofacial Radiology, and has ongoing teaching responsibilities plus an active radiology practice through the University of Minnesota.
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Eric D. Jensen, PhD, Research Assistant Professor, Department of Diagnostic and Biological Sciences, Division of Oral and Maxillofacial Pathology, University of Minnesota School of Dentistry. Dr. Jensen completed his undergraduate education at St. Olaf College and his PhD at the University of Colorado. His research interests focus on understanding transcriptional gene regulatory mechanisms and signal transduction pathways that contribute to bone health and disease.
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José Maldonado-Ortiz, PhD, DDS Candidate, University of Minnesota School of Dentistry.
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**Dina Moussa, BChD, MS, PhD Candidate in oral Biology, MinnCResT Fellow, University of Minnesota School of Dentistry.**
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**Megan S. O’Connell, RDH, BSDH, RF, student, University of Minnesota School of Dentistry.**
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**Nelson L. Rhodus, DMD, MPH, Distinguished Professor and Director, Division of Oral Medicine, Oral Diagnosis and Radiology, Department of Diagnostic and Surgical Sciences, University of Minnesota School of Dentistry. Dr. Rhodus is a Diplomate of the American Board of Oral Medicine, and Director of the Oral Medicine and Xerostomia Clinics. He is an attending member of the Hospital Staff of Fairview-University Medical Center, the Minnesota Cancer Center, and a consultant to the Veteran's Hospital and Hennepin County Medical Center.**
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**Cyndee Stull, MDH, received her dental hygiene education at the University of South Dakota and received her Bachelor’s degree in Dental Hygiene Public Health in 1982. Since then, Ms. Stull has worked in private practice dental hygiene. She joined the University of Minnesota Division of Dental Hygiene in 2010 and received a Master’s degree in Dental Hygiene in 2013. She's a thought leader, researcher and educator in the areas of clinical instruction, dental public health, the care of patients with special needs, periodontology, interprofessional education and dental practice management.**
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