

CONTINUING DENTAL EDUCATION
School of Dentistry
University of Minnesota

2nd Annual Dean's Day:
Dental Research Updates from the U of M

Friday
March 24, 2006

PROGRAM

Coffman Theater • Coffman Memorial Student Union • U of M Mpls Campus

8:00 Final Registration and Assembly
Continental Breakfast

Research Posters
School of Dentistry Students

8:25 **Welcome**

Dr. Patrick Lloyd
Dean, School of Dentistry

Introduction

Dr. Greg Germaine
Professor, Department of Diagnostic
and Surgical Sciences

8:30 **KEYNOTE SPEAKER**
Mammalian Whole Tooth Tissue Engineering

Dr. Pamela Yelick

9:30 **Question and Answer Session**

Dr. Yelick

9:45 Refreshment Break

Research Posters
School of Dentistry Students

FACULTY PRESENTATIONS

10:15 **Neural Mechanisms of Cancer Pain:
Functional Interactions Between Tumor
And Peripheral Nerve**

Dr. Donald Simone

10:45 **Cannabinoids and Cancer Pain**

Dr. Darryl Hamamoto

11:15 **The Relationship Between TMD and
Headaches**

Dr. Donald Nixdorf

11:45 **Question and Answer Session**

Drs. Simone, Hamamoto & Nixdorf

12:15 Luncheon (on your own)

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FACULTY PRESENTATIONS (continued)

1:00	Magnetoencephalography: A Gateway to the Brain	Dr. John Koutlas
1:30	Pathogenesis of Periodontitis: Current Thinking	Dr. Massimo Costalonga
2:00	Question and Answer Session	Drs. Koutlas & Costalonga
2:15	Refreshment Break	
	<i>Research Posters</i> School of Dentistry Students	
2:45	Myths and Facts in Restorative Dentistry	Dr. Jorge Perdigao
3:15	Flow of Dental Materials	Dr. Edward Combe
3:45	Histologic Evaluation of Hard Tissues and Nonbiologic Materials	Dr. Michael Rohrer
4:15	Question and Answer Session	Drs. Perdigao, Combe & Rohrer
4:30	Closing Remarks/Adjourn	Dr. Patrick Lloyd

Keynote Speaker

Pamela C. Yelick, Ph.D., Associate Member of Staff, Department of Cytokine Biology, The Forsyth Institute; Faculty Member, Department of Oral and Developmental Biology, Harvard School of Dental Medicine, Boston, Massachusetts. Dr. Yelick is an active researcher in the areas of molecular genetic analyses of craniofacial cartilage, bone, and tooth development. Her research models include the zebrafish, *Danio rerio*, and mammalian models for whole tooth tissue engineering. She is the author of numerous scientific articles and has been an invited lecturer at several universities and research symposia. In 2004, Dr. Yelick received The William J. Gies Award in Biomaterials & Bioengineering Research for best paper published in the *Journal of Dental Research* during the preceding year: "Tissue Engineering of Complex Tooth Structures on Biodegradable Polymer Scaffolds."

Faculty

Edward C. Combe, M.Sc., Ph.D., D.Sc., Professor, Biomaterials Program, Department of Restorative Sciences, University of Minnesota School of Dentistry.

John G. Koutlas, D.D.S., M.S., Associate Professor, Division of Oral and Maxillofacial Pathology, Department of Diagnostic and Biological Sciences, University of Minnesota School of Dentistry.

Massimo Costalonga, D.M.D., Ph.D., Assistant Professor, Division of Periodontology, Department of Developmental and Surgical Sciences, University of Minnesota School of Dentistry.

Darryl T. Hamamoto, D.D.S., Ph.D., Assistant Professor, Division of Oral Medicine, Oral Diagnosis, and Oral Radiology, Department of Diagnostic and Biological Sciences, University of Minnesota School of Dentistry.

Donald R. Nixdorf, D.D.S., M.S., Assistant Professor, Orofacial Pain Program, Department of Diagnostic and Biological Sciences, University of Minnesota School of Dentistry.

Jorge Perdigao, D.M.D., M.S., Ph.D., Associate Professor, Division of Operative Dentistry, Department of Restorative Sciences, University of Minnesota School of Dentistry.

Michael D. Rohrer, D.D.S., M.S., Professor and Director, Division of Oral and Maxillofacial Pathology, Department of Diagnostic and Biological Sciences, University of Minnesota School of Dentistry

Donald A. Simone, Ph.D., Professor and Interim Chair, Department of Diagnostic and Biological Sciences, University of Minnesota School of Dentistry.