

CONTINUING DENTAL EDUCATION  
School of Dentistry  
University of Minnesota

2nd Annual Robert J. Feigl Symposium:  
New Horizons in Children's Dental Care 2008

Friday  
September 19, 2008

Continuing Education & Conference Center • St. Paul Campus

- 8:00 Final registration and assembly
- 8:25 ***Welcome and introduction*** ***Dr. Robert Feigl***
- 8:30 **Optimal Management of the Child with Congenital Heart Disease** **Dr. Paddy Fleming**
- outline of congenital heart disease in children
  - current AHA/ADA Infective Endocarditis Prophylaxis Guidelines
  - dental treatment priorities for children with congenital heart disease
- 9:45 Question and answer session **Dr. Fleming**
- 10:00 Refreshment break
- 10:15 **Managing the High Caries Risk Patient: Modulation of Oral Biofilms** **Dr. Max Anderson**
- historical view of our understanding of dental caries
    - etiology
    - distribution of disease
    - implications for modern practice
  - traditional interventions and evidence of what's working
  - biofilms revisited – war & peace
    - new knowledge and leveraging it into practice
- 12:00 Luncheon (included)
- 1:00 **Managing the High Caries Risk Patient: Modulation of Oral Biofilms (continued)**
- 2:15 Question and answer session **Dr. Anderson**
- 2:30 Refreshment break

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- 2:45 **Evidence-Based Fluoride Recommendations that Make Sense for the Pediatric Practice** Dr. Michael Ignelzi, Jr.
- systemic fluoride – what do we know 50 years later?
  - topical fluorides – sound science or marketing hype?
  - high risk vs. low risk patients – which fluoride modalities are most effective and appropriate to use?
- 4:00 Question and answer session Dr. Ignelzi
- 4:15 Course Wrap-up Dr. Robert Feigal
- 4:30 Adjourn

*This program is partially supported by the Robert J. Feigal Lectureship in Pediatric Dentistry, a fund established with the University of Minnesota Foundation with the purpose of promoting an annual symposium in Dr. Feigal's name covering contemporary pediatric dental topics. Lectureship funding this year will support resident attendance.*

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**3M ESPE**  
in support of this program.*

**Moderator**

**Robert J. Feigal**, D.D.S., Ph.D., Professor and Graduate Program Director, Division of Pediatric Dentistry, Department of Developmental and Surgical Sciences, University of Minnesota School of Dentistry. Dr. Feigal has served as Director of the Pediatric Dentistry programs at both the University of Minnesota and the University of Michigan, training 120 new specialists for more than 25 years. His work as an investigator funded by federal and industrial sources to study bonding to contaminated surfaces and his long clinical practice has led Dr. Feigal to a creative perspective on caries management and restorative dentistry for children. He is a Diplomate of the American Board of Pediatric Dentistry, has lectured throughout the United States, Europe, Latin America, and Asia, and has published more than 70 articles and book chapters.

### **Speakers**

**Maxwell H. Anderson**, D.D.S., M.S., M.Ed., Principal, Anderson Dental Consulting. Dr. Anderson received his dental degree from the University of Nebraska (1976), his Master of Science in Restorative Dentistry from The University of Michigan (1983) and his Master of Education from George Washington University (1988). He completed a career in the United States Navy in 1990 and has served on the faculty of the University of Washington and Indiana University. He also served as the Vice President and Dental Director of Washington Dental Service, a Delta Dental Plan, in Seattle, Washington from 1994 through 2004. His primary research and academic interests are in the management of dental diseases through treating these diseases as bacterial infections and in the analysis of insurance treatment data to identify best practices on risk adjusted populations. He is currently actively consulting regarding risk assessed evidence based dental plan designs and health outcomes. In addition, he is the President and CEO of C3 Jian, Inc. a California based biotechnology company developing targeted antimicrobial drugs. The company is researching mechanisms to eradicate dental caries, and other infectious diseases, through intelligent drug design.

**Paddy Fleming**, B.Dent.Sc., F.D.S., M.S., FED, Senior Lecturer and Consultant in Pediatric Dentistry at Our Lady's Children's Hospital, Dublin and at the Dublin Dental School and Hospital. Dr Fleming graduated from the Dublin Dental School and Hospital in 1977 and is a fellow of the Royal College of Surgeons of Edinburgh and of the Royal College of Surgeons in Ireland. He completed the Master's program in Pediatric Dentistry at the University of Minnesota in 1987 - his research concerning infective endocarditis prophylaxis was undertaken under the direction of Dr Bob Feigal. Returning to Ireland, Dr Fleming undertook consultant pediatric hospital training jointly between Dublin and Belfast. His interests are in the provision of dental care for medically compromised children and he has published and lectured on this topic. Dr Fleming is currently Chairman of the Advisory Committee in Paediatric Dentistry of the Irish Committee for Specialist Training in Dentistry and is an examiner for the Fellowship in Paediatric Dentistry of the Royal College of Surgeons in Ireland. In addition, he is the current Secretary of the European Academy of Paediatric Dentistry

**Michael A. Ignelzi, Jr.**, D.D.S., Ph.D., full time private practice limited to orthodontics and pediatric dentistry in Greensboro, North Carolina; Adjunct Associate Professor, Department of Pediatric Dentistry, University of North Carolina School of Dentistry. Dr. Ignelzi received his D.D.S., Certificate in Pediatric Dentistry and Ph.D. in Biochemistry and Biophysics from the University of North Carolina at Chapel Hill and his Certificate in Orthodontics and Dentofacial Orthopedics from the University of Michigan. From 1995 - 2006, Dr. Ignelzi was an Associate Professor in the Department of Orthodontics and Pediatric Dentistry at the University of Michigan where he taught in the clinics, lectured, and treated patients in the dental faculty practice. He has published over 75 scientific articles, abstracts and book chapters and has made over 140 presentations to national and international audiences on orthodontics and pediatric dentistry. Dr. Ignelzi currently serves as Chair of the American Academy of Pediatric Dentistry's Scientific Program Committee, is a national media spokesperson for the American Academy of Pediatric Dentistry and also serves on the Editorial Board of the journal *Pediatric Dentistry*.