

CONTINUING DENTAL EDUCATION
School of Dentistry
University of Minnesota

**Infection Control, Dentistry & You: Keeping Your
Office Safe and Sane**

**Saturday
October 14, 2006**

PROGRAM
Continuing Conference Center • St. Paul Campus

8:00 Final registration and assembly

8:25 Welcome and introduction

Ms. Teresa Ludwig
*Environmental Health & Safety
School of Dentistry*

8:30 **Breaking the Chain—Basic Infection Control Principles**

Dr. Shannon Mills

- video: “If Saliva Were Red”
- unchained maladies—breaking the chain of infection
- standard precautions—“Please keep your seat belt fastened low and tight...”
- disinfection and sterilization—Dr. Spaulding’s durable paradigm
- the 2003 CDC Guidelines—what impact have they had?

10:00 Refreshment break

10:15 **The Threat Matrix—Defining the Risks**

- Hepatitis B, C and D—vaccine and vulnerability
- HIV and AIDS—ignorance, accommodations or denial?
- herpes virus—an underestimated adversary?
- the viral world—“trying to reason with cold and flu season”
- biofilms and waterlines—latest finding may signal new risks
- birds, bombs and bovine brains—emerging threats

11:15 Question and answer session

11:30 Luncheon (included)

12:30 **OSHA & Dentistry—Adversary or Ally?**

- OSHA inspections—what do the data show?
- safety devices—does anything really work?
- post-exposure management—planning for the inevitable

1:45 Refreshment break

2:00 **Technology Update—What’s New in Dental Infection Control?**

- dental waterlines—seeking solutions
- germicides and barriers—what’s best for your office?
- single-use devices—what does “disposable” really mean?
- decontamination and sterilization—the European invasion

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- 3:00 **Surfing for Safety—Internet Infection Control Resources**
- 3:15 Question and answer session
- 3:30 Adjourn

GUEST SPEAKER

Shannon E. Mills, DDS, FAGD, FICD, Associate Professor and Assistant Director of the Dental General Practice Residency Program, University of Nevada School of Medicine (UNSOM). Dr. Mills is a 1977 graduate of Baylor College of Dentistry. He completed an Advanced Education Program in General Dentistry at Wilford Hall USAF Medical Center in 1983 and is certified by the American Board of General Dentistry. In July of 2005, he retired from the United States Air Force in the rank of Colonel after 28 years of service to join the UNSOM GPR faculty in Las Vegas, Nevada. While on active duty, Dr. Mills served in military healthcare facilities in the US and overseas, gaining diverse experience in clinical general dentistry, education, research and healthcare policy. Dr. Mills is former director of the US Air Force Dental Investigation Service (now the Dental Evaluation and Consultation Service) and has served as Chief Consultant in Dental Infection Control and Occupational Health to the Air Force Surgeon General. He is an internationally recognized expert in infection control and dental office safety and has been a featured speaker at many conferences and symposia in the US and abroad. He has authored or co-authored numerous papers on dental infection control in peer-reviewed journals and was a member of the American Dental Association (ADA) panel that drafted the 1995 statement on dental unit water lines. He is a consultant to the ADA and the Centers for Disease Control and Prevention, Division of Oral Health. Dr. Mills is an active member of professional organizations including the ADA, the Academy of General Dentistry, the Organization for Safety and Asepsis Procedures (OSAP), the International Association for Dental Research (IADR) and the Association of Professionals in Infection Control (APIC). He presently serves as Chairman of the ADA and American National Standards Institute (ANSI) Standards Committee for Dental Products. He is a Fellow of both the Academy of General Dentistry and the International College of Dentists and is a Past Chairman of the Board of Directors of OSAP, Dentistry's Infection Control and Safety Resource.

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