

**VCU School of Dentistry
Faculty Research Directory (11/11/05)**

Administration

Ronald J. Hunt – Harry Lyons Professor and Dean

D.D.S. Dentistry, University of Iowa, 1973
M.S. Dental Public Health, University of Iowa, 1982
Diplomate American Board of Dental Public Health, 1986

Research interests: Epidemiological surveys; clinical trials; health policy and educational policy research

Betsy Hagan – Associate Professor and Associate Dean for Clinics

DDS Dentistry, Virginia Commonwealth University, 1978
MBA Business, Virginia Commonwealth University, 1984

Research interests: Financial impact of dental employer-employee relationships; legal issues in dental practice.

Department of Endodontics

Frederick R. Liewehr – Professor and Department Chair

D.D.S Dentistry, University of Iowa, 1981
Certificate GPR, Reynolds Army Hospital, 1982
Certificate Endodontics, US Army Endodontic Postgraduate Program, 1993
M.S. Oral Biology, Medical College of Georgia, 1993
Diplomate American Board of Endodontics, 1998

Research interests: Trauma, development of biocompatible endodontic materials and techniques

B. Ellen Byrne - Associate Professor and Associate Dean for Academic Affairs

D.D.S. Dentistry, Virginia Commonwealth University, 1983
Certificate Endodontics, Virginia Commonwealth University, 1990
Ph.D. Pharmacology, Virginia Commonwealth University, 1991

Research interests: Clinical pharmacology

Chin-Lo Hahn – Associate Professor

B.D.S. Dentistry, Taipei Medical College, 1982
M.S. Oral Biology, University of Maryland, 1985
Certificate Endodontics, University of Maryland, 1985
Ph.D. Microbiology/Immunology, University of Maryland, 1989
D.D.S. Dentistry, University of Missouri-Kansas City, 1991

Research Interests: Caries microbiology and immunology in pathogenesis of pulpitis; oral streptococci, cytokines and cardiovascular diseases

Department of Oral and Maxillofacial Surgery

A. Omar Abubaker - Associate Professor and Department Chair

B.D.S Dentistry, University of Alexandria, Egypt, 1975
Ph.D. University of Pittsburgh, 1984
D.M.D. Dentistry, University of Pittsburgh, 1990
Certificate Oral and Maxillofacial Surgery, Presbyterian University Hospital of Pittsburgh, 1984-1990
Certificate Research Fellowship, Oral and Maxillofacial Surgery, University of Pittsburgh 1990-1991
Diplomate American Board of Oral and Maxillofacial Surgery, 1993

Research interests: Clinical and basic research on the pathophysiology of temporomandibular disorders with special interest in the role of hormones in these disorders, the management and economics of oral and maxillofacial trauma and facial reconstruction.

Daniel M. Laskin – Professor

D.D.S. Dentistry, Indiana University, 1947
M.S. Oral Pathology, University of Illinois, 1951
Diplomate American Board of Oral and Maxillofacial Surgery, 1955

Research interests: Temporomandibular disorders, orofacial pain, craniofacial growth, clinical studies in oral and maxillofacial surgery, clinical drug trials

Robert A. Strauss – Associate Professor and Program Director

DDS Dentistry, University of Buffalo, 1979
Certificate GPR, Buffalo General Hospital, 1980
Certificate Anesthesiology, Micheal Reese Medical Center, 1981
Certificate Oral and Maxillofacial Surgery, Micheal Reese Medical Center, 1984

Diplomate American Board of Oral and Maxillofacial Surgery, 1986

Research Interests: Laser and cosmetic surgery, sleep apnea, anesthesia, orthognathic and reconstructive surgery

Department of Orthodontics

Steven J. Lindauer – Norborne Muir Professor, Department Chairman

DMD Dentistry, University of Connecticut, 1986
MDS Sc Oral Biology, University of Connecticut, 1989
Certificate Orthodontics, University of Connecticut, 1989

Research Interests: Orthodontic biomechanics; orthodontic clinical research, and jaw function

Eser Tufekci – Assistant Professor

Certificate Orthodontics, University of Minnesota, 2002
PhD Biomaterials and Oral Biology, The Ohio State University, 1998
MSD Dental Materials, The Ohio State University, 1993
DDS University of Istanbul, Istanbul, Turkey, 1989

Research Interests: Dental and Orthodontic Materials, Orthodontic Research

Bhavna Shroff – Professor, and Graduate Director

MDentSc University of Connecticut, 1989
Certificate Orthodontics, University of Connecticut, 1989
DDS Universite Salpetriere Paris V, 1978

Research Interests: Biology of Tooth Movement, Dental Eruption, Orthodontic Research

Department of Pediatric Dentistry

Tegwyn H. Brickhouse – Assistant Professor

DDS Dentistry, University of Nebraska Medical Center, 1996

PhD Epidemiology, University of North Carolina at Chapel Hill, 2002
Certificate Pediatric Dentistry, University of North Carolina at Chapel Hill, 2002
Certificate Dental Public Health, University of North Carolina at Chapel Hill, 2002

Research Interests: Oral Health Disparities and Health Services Research, Pediatric Oral Health Performance Measures, utilization of dental services in public programs, the delivery of oral health services in medical settings.

John H. Unkel- Associate Professor and Chairman

DDS Dentistry, Northwestern University, 1988
Certificate Pediatric Dentistry, Children’s Hospital of Pittsburgh, 1991
Fellowship Craniofacial Fellowship, Children’s Hospital Chicago Northwestern, 1992
MPA West Virginia University, 1999

Research Interests: Health Policy and Graduate Medical Education Administration, pediatric pharmacologic interventions and clinical trials.

Michael D. Webb – Associate Professor

DDS Dentistry, Northwestern University, 1985
Certificate Pediatric Dentistry, Children’s Hospital of Pittsburgh, 1989
Certificate Dental Anesthesiology, University of Pittsburgh, 1991
Diplomate American Board of Pediatric Dentistry, 2000

Research interests: Access to dental care for children, dental treatment of children with special health care needs, sedation and anesthesia for pediatric dental patients

Department of Periodontics

Harvey A. Schenkein – Paul Tucker Goad Professor, Chairman, and Assistant Dean for Research

D.D.S. Dentistry, SUNY at Buffalo, 1974
Ph.D. SUNY at Buffalo, 1978
Certificate Periodontics, SUNY at Buffalo, 1978

Research interests: Genetic risk for periodontal diseases, immunobiology of periodontal diseases, periodontal infection and systemic diseases

Thomas C. Waldrop - Associate Professor and Graduate Director

D.D.S. Dentistry, Virginia Commonwealth University, 1973
M.S. Biomedical Sciences, UT Health Science Center, Houston, Tx, 1978
Certificate Periodontics, USAF, Wilford Hall Medical Center, Lackland AFB, 1978
Diplomate American Board of Periodontology, 1982

Research interests: Implantology, guided bone regeneration, guided tissue regeneration and dental occlusion as it relates to periodontal disease and treatment.

Thomas E. Koertge – Associate Professor

D.M.D. Dentistry, Southern Illinois University, 1978
Certificate Periodontics, University of Iowa, 1981
Ph.D. Microbiology and Immunology, University of Iowa, 1984

Research interests: periodontics, immunology, antimicrobial drugs, educational measures.

Sharon K. Lanning – Assistant Professor

B.A. Canisius College, 1992
D.D.S. SUNY Buffalo, School of Dental Medicine, 1996
Certificate VCU, School of Dentistry, 1999

Research interests: Implementation and evaluation of educational programs and curricula through the use of outcome assessment instruments such as knowledge surveys, satisfaction surveys, and evaluation criteria.

Department of Prosthodontics

Dr. John W. Unger - W. Tyler Haynes Professor and Department Chairman

D.D.S. Dentistry, University of Illinois, 1972
Certificate Prosthodontics, University of Illinois, 1974
Diplomate American Board of Prosthodontics

Research interests: Implant retained dentures

David R. Burns - Associate Professor

B.S. Lewis and Clark College, 1976
D.M.D. Dentistry, Oregon Health Sciences University, 1980

Certificate Prosthodontics, Emory University, 1985
Diplomate American Board of Prosthodontics

Research interests: Implant overdenture treatment; restoration of endodontically treated teeth

Dr. James P. Coffey - Associate Professor

D.D.S. Dentistry, University of Minnesota, 1982
M.S. Prosthodontics, 1984
Diplomate American Board of Prosthodontics

Research interests: Dental materials, occlusion

Hugh B. Douglas, Jr. - Associate Professor

B.S. College of William and Mary, 1966
D.D.S. Dentistry, Medical College of Virginia, 1970
M.S. Prosthodontics, University of North Carolina, 1974

Research interests: Restoration of implants; restoration of endodontically treated teeth

Department of Oral and Craniofacial Molecular Biology

W. Andrew Yeudall – Interim Chairman and Associate Professor

B.Sc. University of Glasgow, 1983
B.D.S. University of Glasgow, 1986
Ph.D. University of Glasgow, 1991

Research interests: diagnostic and predictive markers for squamous cell carcinoma, cell cycle regulation, growth factor signaling

Francis L. Macrina - Professor

B.S. Cornell University, 1968
Ph.D. Syracuse University, 1972

Research interests: Molecular pathogenesis of infectious diseases including caries, periodontal disease, and endocarditis; microbial genomics; research on content and effectiveness of scientific ethics instruction

Todd Kitten - Assistant Professor

B.A. Biology, University of Dallas, 1986

Ph.D. Microbiology, Univ. of Texas Health Science Center at San Antonio, 1992

Research interests: virulence of oral streptococci in dental caries and in extra-oral disease; genomic and post-genomic analyses of oral microflora; discovery of new virulence factors involved in *Streptococcus sanguis* endocarditis

Janina Lewis - Assistant Professor

M.S. Biology, Uniwersytet Gdanski, Poland, 1990

Ph.D. Microbiology, Virginia Commonwealth University, 1997

Research interests: virulence of oral Gram-negative bacteria implicated in development and progression of periodontal disease

Ping Xu - Associate Professor

B.Sc. Nanjing University, 1982

M.Sc. Nanjing University, 1986

Ph.D. Oxford University/Nanjing University, 1989

Research interest: microbial genomics and comparative genomics, vaccine development on streptococcal endocarditis, drug targets identification.

Department of Oral Pathology

James C. Burns - Professor and Department Chairman

D.D.S. Dentistry, Virginia Commonwealth University, 1972

M.S.Ed. Education, University of Southern California, 1975

Ph.D. Microbiology & Immunology, Virginia Commonwealth University, 1979

Research interests: Oral cancer, topical medicines for oral ulcers & aphthous ulcers, retrospective analysis of oral lesions, oral virology

John A. Svirsky - Professor

D.D.S. Dentistry, Virginia Commonwealth University, 1973

G.P.R. General Practice Residency, Long Island Jewish Medical Center,

Queens, New York, 1974
Certificate Oral Pathology, Catholic Medical Center, Jamaica, New York, 1976
M. Ed. Adult Education, Virginia Commonwealth University, 1979

Research interests: AIDS education grants, clinical research drug studies and early diagnosis of oral cancer.

Laurie C. Carter-Associate Professor

D.D.S. University at Buffalo, 1983
Certificate Oral Pathology, University at Buffalo, 1986
M.S. University at Buffalo, 1988
Ph.D. University at Buffalo, 1993

Research Interests: Correlation between presence of calcified atherosclerotic plaque in the carotid bulb on imaging studies and risk for stroke, correlation of radiographic patterns of disease with histopathology, biochemical measurements and biologic behavior.

Department of General Practice

Fred Certosimo-Chairman and Associate Professor

D.M.D. University of Pennsylvania
Certificate Comprehensive Dentistry, Naval Postgraduate Dental School
MSEd Old Dominion University

Research interests: Clinical aspects of General Practice Dentistry.

Gilbert Button-Associate Professor

D.D.S. Virginia Commonwealth University

Research Interests: Dental materials, restorative dentistry, cements.

Peter C. Moon - Associate Professor

B.S. Engineering Physics, University of Toledo-1964
M.S. Materials Science, University of Virginia, 1967
PhD Materials Science, University of Virginia, 1971

Research interests: Bonding in dentistry; development of collagen fibrils and HAP ceramics for tissue engineering constructs to promote bone and dentin repair;

phosphoprotein molecules which activate mineralization, the use of fluorescence to diagnosis caries

Francis J. Robertello - Assistant Professor

D.M.D. Dentistry, University of Pennsylvania, 1968
M.S. Restorative Dentistry, University of Michigan, 1978
M.Ed. Education, George Washington University, 1984

Research interests: Materials research, minority dental health research regarding ethnic snacks, fluoride releasing materials and the effect of bleaching agents

Robert F. Barnes-Associate Professor

D.D.S. Virginia Commonwealth University
Certificate Prosthodontics, Virginia Commonwealth University

Research interests: Clinical trials, dental materials - composites, impression materials

Carol N. Brooks - Associate Professor

BS Dental Hygiene, VCU School of Dentistry, May, 1975
DDS VCU School of Dentistry, May, 1994
AEGD VCU School of Dentistry, June, 1995

Research Interests: Dentin bonding, composite resins, periodontal research in the areas of genetic risk and immunology, clinical aspects of general dentistry

Debra R. Haselton – Associated Professor

DDS Virginia Commonwealth University 1994
Certificate AEGD 1995
Certificate Prosthodontics 1997
Diplomate American Board of Prosthodontics 2002

Research Interests: Dental Materials-strength testing, microleakage studies, ceramic implant abutment analyses; Clinical Studies-ceramic materials, prosthodontic patient psychology

Division of Dental Hygiene

Joan M. Pellegrini - Assistant Professor

PhD candidate, Education, Virginia Commonwealth University (anticipated 2006)

M.S. Dental Hygiene Education, Columbia University, NYC, 1972

B.S. Dental Hygiene, Fairleigh Dickinson University, Rutherford, NJ, 1970

A.A. Dental Hygiene, Fairleigh Dickinson University, Teaneck, NJ, 1968

Research interests: Clinical dental hygiene, adult education, technology in education, educational strategies, interdisciplinary clinical studies with medically compromised patients, domestic violence.