

**CURRICULUM VITAE
OF
CRAIG S. MILLER, D.M.D., M.S.
October 2003**

GENERAL INFORMATION

Office Address: Oral Health Practice
Oral Medicine Section
MN 118 Medical Center
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Email Address: cmill@pop.uky.edu

State Licensure: 1984 Kentucky

EDUCATION

1975-1976 University of Louisville, Louisville, Kentucky

1976-1979 University of Kentucky, Lexington, Kentucky, Bachelor of General Studies "with High Distinction"

1978-1982 University of Kentucky, College of Dentistry, Lexington, Kentucky, Doctor of Dental Medicine "with Distinction"

1985-1987 University of Texas Health Science Center, San Antonio, Texas. Master of Science & Certificate in Dental Diagnostic Science

POST-GRADUATE TRAINING:

1982-1983 Dental General Practice Residency, U.S.A.F. Wright-Patterson Medical Center, Dayton, Ohio.

1987-1988 Postdoctoral Fellowship (with Dr. Kendall O. Smith), Departments of Microbiology and Dental Diagnostic Science, University of Texas Health Science Center, San Antonio, Texas.

1988-1989 Dental Teacher Training Fellowship, American Fund for Dental Health, Chicago, Illinois.

1989 Clinical Research Fellowship, American Association of Dental Schools/Warner Lambert, University of Kentucky, Lexington, Kentucky.

PROFESSIONAL EXPERIENCES

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| 1980 | Co-Step Dental Research Externship, The United States Public Health Service, Department of Indian Health Service, Albuquerque, New Mexico. |
| 1994-1999 | Director, Oral and Maxillofacial Radiology, University of Kentucky College of Dentistry, Lexington, Kentucky. |

DENTAL MILITARY SERVICE

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| 1982-1983 | United States Air Force Dental Corp, Dental Officer, Captain, (General Practice Residency), Medical Center Wright-Patterson, Wright- Patterson Dental Clinic, Wright-Patterson A.F.B., Ohio |
| 1983-1985 | United States Air Force Dental Corp, Dental Officer, Captain, U.S.A.F. Hospital Beale, Beale Dental Clinic, Beale A.F.B., California |
| 1986-1989 | United States Air Force Reserves, Reserve Dental Officer, Captain, 11th Contingency Hospital, Lackland A.F.B., San Antonio, Texas |

ACADEMIC APPOINTMENTS

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| 1985-1987 | Teaching Assistant, Department of Diagnostic Science, The University of Texas Health Science Center at San Antonio, Texas. |
| 1987-1988 | Instructor, Department of Diagnostic Science, The University of Texas Health Science Center at San Antonio, Texas. |
| 1987-1988 | Postdoctoral Fellow, Department of Diagnostic Science, The University of Texas Health Science Center at San Antonio, Texas. |
| 1988 | Clinical Assistant Professor, Department of Diagnostic Science, The University of Texas Health Science Center at San Antonio, Texas. |
| 1989-1994 | Assistant Professor, Oral Diagnosis/Oral Medicine Section, Department of Oral Health Science, College of Dentistry, University of Kentucky, Lexington, Kentucky. |
| 1994-Present | Associate Professor, Oral Diagnosis/Oral Medicine Section, Department of Oral Health Science, College of Dentistry, University of Kentucky, Lexington, Kentucky. |
| 1996-Present | Associate Professor, Department of Microbiology and Immunology, College of Medicine, University of Kentucky, Lexington, Kentucky. |

1999-Present Professor, Oral Diagnosis/Oral Medicine Section, Department of Oral Health Practice, College of Dentistry, University of Kentucky, Lexington, Kentucky.

1999-Present Professor, Department of Microbiology and Immunology, College of Medicine, University of Kentucky, Lexington, Kentucky.

SPECIALTY BOARDS

1988 Diplomate, American Academy of Oral Medicine

PRACTICE OF DENTISTRY

1989-Present Intramural practice in Oral Medicine and Oral Radiology

HONORS AND AWARDS

1976 John M. Atherton Scholarship, University of Louisville, Louisville, Kentucky.

1976 Alumni Scholarship, University of Louisville, Louisville, Kentucky.

1978 University Scholarship, University of Kentucky, Lexington, Kentucky.

1979 Bruce O'Bray Basic Science Award, University of Kentucky College of Dentistry, Lexington, Kentucky.

1982 Omicron Kappa Upsilon, University of Kentucky College of Dentistry, Lexington, Kentucky.

1985 Air Force Commendation Medal, Beale AFB, California.

1986 Nikon International Small World Microscopic Photography Award.

1986-87 Senior Resident, Department of Dental Diagnostic Sciences, The University of Texas Health Science Center, San Antonio, Texas.

1988-89 Fellowship, American Fund for Dental Health, Dental Teacher Training Fellowship.

1989 AADS/Warner Lambert Clinical Research Fellowship.

1990 Edward M. Hatton Award Competitor and Semifinalist, AADR Annual Meeting, Cincinnati, Ohio.

1992 Academic Research Enhancement Award, National Institute of Dental Research

1993	Outstanding Didactic Instructor, College of Dentistry, University of Kentucky
1994	NIH FIRST AWARD (R29), National Institute of Dental Research
1997	Certificate of Merit, American Academy of Oral Medicine
1999	Diplomate Lecturer, American Academy of Oral Medicine Annual Meeting, Seattle, Washington April 29, 1999.
2001	AADR Student Research Group Mentor Award, presented in Chicago, Illinois, March 7, 2001.

HOSPITAL APPOINTMENTS

1983-1985	U.S.A.F. Hospital Beale, Captain, United States Air Force Dental Corp Staff Dentist, Beale, A.F.B., California.
1986-1988	11th Contingency Hospital, Captain, United States Air Force Reserves, Lackland A.F.B., San Antonio, Texas.
1988	Bexar County Hospital District - Medical Center Hospital Associate Member, Department of Hospital Dentistry, San Antonio, Texas.
1988	Audie Murphy Veterans Administration Hospital Staff Dentist, Department of Dentistry, 7400 Merton Minter Blvd., San Antonio, Texas.
1989-Present	University Hospital, A. B. Chandler Medical Center, Hospital Dentistry Staff, 800 Rose Street, Lexington, Kentucky.
1989-Present	Veterans Administration Medical Center, Cooper Drive and Leestown Road, Lexington, Kentucky.

CONSULTING ACTIVITY

1987-Present	Mariano School of Dentistry, Guatemala City, Guatemala, Central America.
1988	Audie L. Murphy Memorial Veterans Administration Hospital, 7400 Merton Minter Blvd., San Antonio, Texas 78284.
1989-Present	The United States Pharmacopeial Convention, Inc., 12601 Twinbrook Parkway, Rockville, Maryland 20852.
1989-Present	Veterans Administration Medical Center, Cooper Drive, Lexington, Kentucky.
1990-Present	Federal Corrections Institute, Dental Clinic, Leestown Road, Lexington, Kentucky.

1993-Present	National Institutes of Health Peer Review Consultant
1995-1996	Panelist, National Institute for Dental Research, Special Emphasis Panel for Oral Cancer Center Applications.

TEACHING ACTIVITY

The University of Texas Health Science Center, San Antonio:

1985-1988	Instructor, Radiographic Interpretation, Third-year Dental Clinic.
1985-1988	Clinical Instructor, Diagnosis and Treatment Planning, Third-year Dental Clinic.
1987-1988	Co-course Director, "Physical Evaluation in Dentistry", 5-day preceptorship, U.S.A.F. Lackland A.F.B., General Dental Residents.
1986-1988	Co-Director, Diagnostic Science Seminar, 16-hour seminar, Graduate Dental Diagnostic Science students.
1986-1988	Course Director, Cardiopulmonary Resuscitation, BLS Course C, Department of Dental Diagnostic Science and Department of Prosthodontics.
1988	Course Director, Cardiopulmonary Resuscitation Instructor's Course, 16-hours, Faculty, Department of Dental Diagnostic Science.
1988	Course Director, Pharmacology, 16-hours, Dental Assistant students.
1988	Clinical Instructor, Diagnosis and Treatment Planning

The University of Kentucky College of Dentistry:

1989-1990	Co-Director, Cardiopulmonary Resuscitation, Instructor's Course.
1989-1992, 1997	Pediatric Dental Graduate Oral Medicine/Oral Radiology Seminar (2 contact hours).
1989-1997	Instructor, CDS 815, Introduction to Clinical Dentistry (13 contact hours).
1989-1993, 1996, 1999, 2000-2001	Instructor, BIO 395-1 Independent Study in Microbiology Research.
1989-Present	Director, ODM 830, Management of the Medically Compromised Dental Patient (45 contact hours).

1989-1997	Clinical Instructor, ODM 821 (2nd Year), and ODM 841 (4th Year), Clinical Oral Diagnosis, Emergency Clinic and Treatment Planning (96 contact hours).
1990-1995	Director, ODM 831, Clinical Oral Diagnosis (192 contact hours).
1991-Present	Lecturer in CDE 850 Computer Applications in Dentistry Elective Course (1 contact hour).
1991-Present	Director, OHS 850B, Independent Research in Oral Biology.
1991-Present	Director, Mini-Residency in Oral Medicine/Oral Pathology (36 contact hours twice annually; total 72 contact hours).
1992-1993	Urgent Dental Problems Seminar (16 contact hours).
1993-1995	Co-Director, Physical Diagnosis, General Practice Residency (28 contact hours).
1993-1996	Lecturer, CDS-840 New Developments in Dentistry IV. Pharmacotherapeutics 4th year dental students (4 contact hours).
1994-1995	Co-Director, ODM 820, Oral Radiology (20 contact hours).
1994-1996	Lecturer, CDS 810B New Developments in Dentistry I, Scientific Writing & Reading (4 contact hours).
1994- Present	Lecturer, CDS 836 Diagnosis and Management of Facial Pain (1 contact hour)
1995, 1997-98	Instructor, Pharmacotherapeutics in the Advanced General Dentistry Program (12 contact hours).
1995-present	Instructor, MI822, Immunity and Infectious Disease (5 contact hours)
1995-1996	Instructor, Dental Hygiene, Oral Pathology (2 contact hours)
1995-Present	Lecturer, Physical Diagnosis, General Practice Residency (4-8 contact hours).
1995-Present	Course Director, ODM 820, Oral Radiology (35 contact hours)
1996-Present	Instructor, Graduate Periodontics Seminar PER 820 (8 contact hours)
1997-Present	Instructor, OBI 650/1, Graduate Oral Biology (4 contact hours)
1997-2000	Instructor, BIO 101, Ways of Doing Biology (2 contact hours)
1997-present	Lecturer, OBI 840/826 Clinical Dental Pharmacology (4 contact hours)

Instructional Development

1991	Merger of ODM 830 and CDS 833
1991-Present	Introduction of problem solving into the curriculum
1993	Introduction of a research curriculum in the education of student dentists.
1995-Present	Strategic planning and introduction of the New Kentucky Curriculum
1995	CD-ROM, Interactive learning in Oral Medicine
1996-97	Oral Medicine Web Page

Mentor, Student Research

1989-1992	Loretta Balbalmoradi, "Relationship of Large Plaque Effect and Interferon Production in Herpes Simplex Infected Fibroblasts."
1990-1991	Jeff McClain, "Human Gingival Fibroblast Attachment to Titanium Alloy Implants."
1991-1992	Deborah Royse, "In situ Hybridization Analysis of Human Papillomavirus in Oral Mucosal Lesions."
1991-1992	Paul Anderson, "Steroid-induced Activation of Herpes Simplex Virus."
1992-1993	Vasantha Rao, "A Novel Procedure for Detecting HPV DNA in Oral Lesions."
1992-1993	Deborah Royse, "Relationship of Carcinogen Risk and Human Papillomavirus with Oral Squamous Cell Carcinoma determined by the PCR and Southern Blot Analysis."
1993-1994	Art Wickson, "Transcriptional Regulation of HSV-1 LATs by Heat Shock Proteins."
1994-1995	Doug Hiser, "Systemic Lupus Erythematosus and Infective Endocarditis"
1994-1995	Brian Romick, "Effect of Heat Shock and UV Light on Transcriptional Regulation of HSV-1 LATs"
1994-1995	Frances Tran, "Fibroblast Attachment to Periodontally Involved Root Surfaces Treated by ND:YAG laser."
1995-1996	David Gover, "Nitric Oxide Activates Transcription of IE110 and LATs."

1996-1997	Emma Latham, "Effect of Dental Electrical Equipment on Pacemaker Activity."
1996-1997	Derek Brown, "Recombinant Vaccinia Expressing GM-CSF in Cancer Gene Therapy."
1997-1998	Mario Chorak, "Effect of Heat Shock on Herpes Simplex Virus I Reactivation from PC-12 Latency."
1997-1998	You Xia, "Effect of LAT on Herpes Simplex Virus Reactivation from PC-12 Latency."
1997-1999	Stephen Hambley, "Effect of UV-Irradiation and Estrogen on Herpes Simplex Virus I Reactivation from PC-12 Latency."
1998-1999	Chris Freeman, "Characterization of a Persistent HSV-1 Infection in PC12 Cells."
1998-1999	Donna Veid, "Growth Kinetics and Level of Viral Gene Expression in HSV-1 infected PC12 and Vero Cells."
1998-1999	Stephen Hambley, "Effect of Estrogen on Herpes Simplex Virus I Reactivation from PC-12 Latency."
1998	Robin Dunlop, "Effect of Pituitary Adenylate Cyclase Peptide on Herpes Simplex Virus I Activation from Quiescently Infected PC-12 Cells."
1999	Maria Bustamante, "Effect of Estrogen on Herpes Simplex Virus I Activation from Quiescently Infected PC-12 Cells."
1999-2000	Mike Glasmaier, "Effect of Forskolin and Heat Stress on Herpes Simplex Virus Type II Activation from PC-12 Latency."
1999	Natalie Jensen, "Identification of a Forskolin Responsive Herpes Simplex Virus I Gene."
1999-2000	Chris Freeman, "Mapping the Heat Stress Response Element Associated with Herpes Simplex Virus I Re-activation."
1999-2000	Emily Ruda, "Effect of soluble cAMP on Herpes Simplex Virus Type I Activation from PC-12 Latency."
2000-2001	Andrea Jill Kelley, "Effect of Soluble cAMP Analogues and Pituitary Adenylate Cyclase Activating Peptide on Herpes Simplex Virus Type I Activation from PC-12 Latency."
2001	Shera Rice, "Effect of Trichostatin on the Activation of Quiescent HSV-1"

- 2001 Josh Howard, "Effect of Subthreshold dose of Trichostatin on the Forskolin-induced Activation of Quiescent HSV-1".
- 2001 Bracken Lewis, "Effect of Sodium Butyrate on the Activation of Quiescent HSV-1".
- 2001-2 Craig Johnson, "Mapping the Forskolin Response Element in the HSV-1 Alpha 0 promoter."
- 2002 Jing-Jing Zhang, "Validation of Gene Regulation in the Quiescence HSV-1 Infection of PC12 cells."
- 2002 Allison Elliot, "Effect of Cycloheximide on the Activation of Quiescent HSV-1".
- 2002 Pooja Kayi, "Effect of Beta-Endorphin on the Activation of Quiescent HSV-1".
- 2002 Brandon Greer, "Roscovitine inhibits Virus Reactivation of Quiescent HSV-1".
- 2002 Mary Catherine Correll, "Effect of Cycloheximide on the Activation of Quiescent HSV-1".
- 2002 Shane Barker, "Association of the Quiescent HSV-1 Genome with Nucleosomes."
- 2002 Shaunna Ramsdale, "Effect of Cycloheximide and Trichostatin on the Activation of Quiescent HSV-1".
- 2002 William Allen, "Requirement of the LAT gene for Activation of HSV-1 from a Quiescent State".
- 2003 Alaine Green, "Effect of the HSV-1 IE Genes Provided in *Trans* on Activation of HSV-1 from a Quiescent State".
- 2003 Jonathan Joshi, "Expression of HSV-1 IE Genes Provided in *Trans* in QIF-PC12 cells is Doxycycline Dose Dependent".
- 2003 William Allen, "Growth and Reactivation of HSV-1 Alpha 0 Deletion Mutants from a Quiescent State".
- 2003 Ryan Jawitz, "Requirement of the LAT gene for Reactivation of HSV-1 from QIF-PC12 cells".
- 2003 William Allen, "Growth of LAT negative HSV-1 in Corneal and ND-PC12 cells".
- 2003 Ashley Roe, "Human Osteosarcoma Cells Induce Reactivation of HSV-1 from QIF-PC12 cells".

National Science Foundation: Research Experiences for Undergraduates (REU) Program

- 2002 Rachel Roberts, REU Summer Student, "Effect of Cycloheximide on the Activation of Quiescent HSV-1".
- 2003 Eli Zimmerman, "Effect of Adenoviruses that Encode Specific HSV-1 Proteins on Reactivation a Quiescent State".

Graduate Students

- 1994-1996 Debbie Royse, "Effect of UV-light and Cytokines on HSV-1 Replication and LATS Expression."
- 1999 Steve Lubbe, "Establishment of Herpes Simplex Virus Type II Quiescent State in PC-12 Latency"
- 1999-2003 Amber Savells-Arb, "Effect of Pituitary Adenylate Cyclase Activating Peptide on Herpes Simplex Virus Type I Activation from PC-12 Latency."
- 2000-2001 Samuel Black, "Pathogenic Requirements of HSV-1 Latency and Reactivation in vitro."
- 2002 Trikivram Dasu, "Association of the Quiescent HSV-1 Genome with Nucleosomes and Endless DNA."
- 2003 Ravi Subramamarian, "Induction of Reactivation of HSV-1 from QIF-PC12 cells Requires a Cell-Associated Factor".

Mentoring Program Awards

- 2000 Mentor (Andrea Jill Kelley) in the University of Kentucky, Kentucky Young Scientist Summer Scholar (KYSS) Program.
- 2001-3 Mentor in the Integrative Neuroscience REU Program (NIH sponsored).
- 2000-2001 High School Research Apprentice Program (HS-RAP) (sponsored by Howard Hughes Fund– Josh Howard

Awards Received by Mentored Students

- 1992 Student Research Fellowship, Dr. Deborah Royse, "Human papillomavirus detection in oral squamous cell carcinoma" awarded by American Association of Dental Research.
- 1993 Billy Pennell Award for Clinical Research, Dr. Negueen Hakimi, awarded by Southern Academy of Periodontology
- 1994 Edward M. Hatton Award Finalist, Dr. Art Wickson, "Heat Shock Proteins Bind the HSV-1 Promoter" awarded by American Association of Dental Research.

- 1994 2nd Place Billy Pennell Award for Clinical Research, Dr. Dorene Sabulski, awarded by Southern Academy of Periodontology.
- 1996 Edward M. Hatton Award Competitor, David Gover, "Nitric Oxide Activates Transcription of IE110 and LATS."
- 1998 Edward M. Hatton Award Finalist, Mario Chorak, "Effect of Heat Shock on Herpes Simplex Virus I Reactivation from PC-12 Latency" awarded by American Association of Dental Research.
- 1999 Howard Hughes Medical Institute Research Fellowship to Natalie Jensen, "Identification of a Forskolin Responsive Herpes Simplex Virus I Gene."
- 1999 AADR Student Research Fellowship to Chris Freeman, "Mapping the Heat Stress Response Element Associated with Herpes Simplex Virus I Re-activation" awarded by American Association of Dental Research.
- 1999 1st Place, ADA Dentsply Student Research Award to Chris Freeman, "Characterization of a Persistent Herpes Simplex Virus I Infection in PC12 Cells", ADA Annual meeting Honolulu, Hawaii.
- 1999 1st Place, Hinman Student Research Award to Chris Freeman, "Characterization of a Persistent Herpes Simplex Virus I Infection in PC12 Cells", Hinman Student Research meeting, Memphis, Tennessee.
- 2000 Student Research Fellowship, Samuel Black, awarded by American Association of Dental Research, "Pathogenic requirements of HSV-1 latency and reactivation in vitro."
- 2001 Edward M. Hatton Award Semi-Finalist, Samuel Black, awarded by American Association of Dental Research, "PACAP Reactivates HSV-1 from Quiescently infected Neurally Differentiated PC12 Cells."
- 2002 National Institutes of Health Summer Fellowship, awarded to Samuel Black by National Institutes of Health.

Faculty Preceptor

- 1991-1993 Preceptor to Maria S. Zeuss, University of Carabobo, Carabobo, Valencia, Venezuela
- 1993-present NIH High School & Teacher Minority Research Apprentice Program

Faculty Advisor

- 2001-present Faculty Advisor to the Student Research Group, University of Kentucky, College of Dentistry

Student Advisor

- 1990-1994 Paul Anderson, Tina McGeorge

1991-1995	Frances Tran
1992-1996	Laura Jones Herfel
1993-1998	Vasantha Rao, Jerry Williams
1994-1998	Kevin Roarke
1995-1999	Tam Lee, Anna Koury
1996-2000	Teresa Boyd
1997-2001	Carmen Santana
1998-Present	Marco Pinto
1999-Present	Marcus Higgins, Lydia Lewis
2000-Present	Maria Bustamante, Emily Ruda

Thesis Advisor

1991-1993	Committee member, Master of Science, Negueen Hakimi, "Polyvinyl alcohol membranes: A preliminary investigation for use as a local drug delivery device in periodontal chemotherapy," College of Dentistry, University of Kentucky
1993	Committee member, Master of Science, Dorene Sabulski, "Antibiotic drug release from polyvinyl alcohol and polylactic acid membranes."
1994-1996	Chairman, Master of Science thesis committee, Debbie Royse, "Effect of UV-light and cytokines on HSV-1 replication and LATS expression."
1997-1998	Committee member, Master of Science, John Lauten, "Intersession reliability of somatosensory testing in chronic temporomandibular disorder patients."
1997-1999	Committee member, Master of Science, Claudio Nery, "The clinical effects of experimental trapezius muscle pain in normal subjects: patterns of pain and electromyographic activity."
1999-2000	Committee member, Master of Science, Chuck Patterson, "Evaluation of a topical medicament for the treatment of selected musculoskeletal conditions of the masticatory system – an open label clinical trial."
1999-2003	Co-Chairman, Master of Science thesis committee, Amber Savells-Arb, "Regulation of gene activation during herpes simplex virus reactivation."
2002-2003	Committee Chair, Master of Science, Natalie Jensen, "Forskolin Responsiveness of the HSV-1 Alpha 0 Promoter"
2002-Present	Committee Chair, Master of Science, Chuck King, "Salivary markers of Periodontal Disease"

Postdoctoral Mentor

1994-1996 Robert J. Danaher, Ph.D., "Molecular aspects of herpes simplex virus reactivation".

SERVICE

PROFESSIONAL ORGANIZATIONS

1981	National Dental Board
1982	Southern Regional Dental Board (KY Licensure #5691)
1982-1997, 1998-present	American Dental Association
1982-Present	Omicron Kappa Upsilon
1983-1986	American Academy of General Dentistry
1987-1994	Organization of Teachers of Oral Diagnosis
1987-Present	American Academy of Oral Medicine
1987-1993, 98-present	American Academy of Dental Radiology
1987-Present	American Association for Dental Research
1987-1994	American Association of Dental Schools
1989-1997	Kentucky Dental Association
1989-1997	Bluegrass Dental Society
1990	American Association for the Advancement of Science
1990-Present	American Society of Microbiology
1991-1993	American Association of Hospital Dentists
1991-1995	Sigma Xi Scientific Research Society of North America
1991-1993	Special Care Organizations in Dentistry
1999-present	International Society for NeuroVirology

PROFESSIONAL SERVICE (NATIONAL AND INTERNATIONAL)

1988	8th International Association of Dento-Maxillo-Facial Radiology, Organizing Committee, Chairperson Photographic Services.
1988	Organization of Teachers of Oral Diagnosis Workshop recorder, "Perspectives on the Current Issues in Diagnosis and Therapeutics of Oral and Related Infectious Diseases", Beaver Creek, Colorado, August 8-11, 1988.
1989-0	Mentor to Dr. Maria Zeuss, Professor, Departamento de Atencion Odontologica Integral al Adulto, Universidad de Carabobo, Valencia, Venezuela.
1990-1	Organization of Teachers of Oral Diagnosis, Ad Hoc Strategic Planning Committee.
1992-Present	Editorial Board, Journal of Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology and Endodontics
1992-6	Invited Reviewer, Journal of the American Dental Association.
1995	Co-Chair, Experimental Pathology Session, American Association of Dental Research
1996	Co-Chair, Neuroscience and TM Session, International Association of Dental Research

1997	Invited Reviewer, Forensic Science International Journal
1998	Co-Chair, Experimental Pathology Session, American Association of Dental Research
2001- Present	AADR Warner Lambert/Edward H. Hatton Awards Committee
2001-2	External Reviewer, Task Force on Cancer Prevention, Early Detection and Treatment in New Jersey
2001	Invited Reviewer, Journal of Oral and Maxillofacial Surgery.
2003	Invited Reviewer, Cancer
2002-3	Invited Reviewer, Current Eye Research

OFFICES HELD

1989-1992	Secretary/Treasurer, Kentucky Section of The American Association of Dental Research.
1992-1993	President-elect, Kentucky Section of the American Association of Dental Research.
1993-1994	President, Kentucky Section of the American Association of Dental Research.
1997-2001	Councilor, Kentucky Section of the American Association of Dental Research.
1997-2001	Secretary, American Academy of Oral Medicine
2001-2002	Vice-President, American Academy of Oral Medicine
2002-2003	Vice-President, Oral Pathology & Oral Medicine Group, American Association of Dental Research
2002-2003	President-Elect, American Academy of Oral Medicine
2003-	President, American Academy of Oral Medicine

American Academy of Oral Medicine

1989-1993	Chairman Graduate Awards Committee
1989-Present	Board of Trustees
1990	Moderator, Scientific Session, American Academy of Oral Medicine, 44th Annual Meeting, Key Biscayne, Florida, May 5.

1991	Moderator, Scientific Session, American Academy of Oral Medicine, 45th Annual Meeting, New Orleans, Louisiana, April 26.
1991-Present	Ad Hoc Committee on Dental Management of the HIV infected patient.
1992	Moderator, Scientific Session, American Academy of Oral Medicine 46th Annual Meeting, San Diego, California, April 28 - May 2, 1992.
1992-1996	Chairman, Membership Recruitment and Retention Master Committee
1993	Moderator, Scientific Session, American Academy of Oral Medicine 47th Annual Meeting, Phoenix, Arizona, May 4-10, 1993.
1993-94	Ad Hoc Committee on Dental Management of the Medically Compromised Patient.
1994-Present	Member, Ethics and Discipline Committee
1994	Moderator, Clinical Diagnostic Conference, American Academy of Oral Medicine 48th Annual Meeting, Clearwater, Florida, April 26-30, 1994.
1995-Present	Chair, Ad Hoc Committee on Parameters of Care
1995-1997	Co-chair, Specialty Recognition Application Committee
1997-Present	Chair, Specialty Recognition Application Committee
1997-Present	Member, Honorary Fellowship and Awards Committee
1997-Present	Executive Board, American Academy of Oral Medicine

American Association of Dental Research

2001-Present	Hatton Awards Committee
2003-2004	Oral Medicine & Pathology Group Program Chair IADR/AADR/CADR General Session and Exhibition Honolulu, Hawaii

American Society of Virology

2001-2002	Annual Meeting Conference Planning Committee
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UNIVERSITY SERVICE

University of Kentucky Lexington Campus

1991-Present	Associate Member, Graduate Faculty Council
2002-Present	University Appeals Board Members

University of Kentucky Medical Center

1991-1994	Academic Council for the Medical Center
1994-present	Preceptor, Outreach Center for Science and Kentucky Young Researchers Program
1997	Computer Course Task Force

University of Kentucky College of Dentistry:

1981-82	Admissions Committee
1981-82	Honor Code Committee
1989	Ad Hoc Committee for Medical Emergencies
1989-1990	Admissions Committee
1989-Present	College Computer Committee, Academic Performance Committee, Informed Consent Committee
1989-1992	Volunteer, Oral Cancer Screening (IBM)
1991	Omicron Kappa Upsilon, William S. Kramer Nomination Committee
1992-present	Sharon K. Butler Memorial Scholarship Committee
1991-1993	Faculty Development Committee
1991-1994	Biosafety Committee
1992-1993	Admissions Committee, Ad Hoc Committee on Clinical Evaluation
1993	Search Committee for Head, Research and Graduate Studies
1994-Present	Outreach Preceptor
1995	Faculty Practice Workgroup, Strategy for Oral Health Education Committee
1996	Standard 5, Basic Science Curriculum, Accreditation Committee
1996-Present	Infection Control Committee, Kentucky Curriculum Committee, Basic Science Liason Committee, Research Leadership Team
1997-2000	Chair, Digital Radiology Committee; COHR Development Committee; Director of COHR Search Committee
1999	Reviewer of Medical Center Research Fund Grant Proposals
2000	Ad hoc committee on Medical Emergencies in the College
2000-1	Associate member, Admission Committee
2000-1	Honor Code committee

University of Texas Health Science Center, San Antonio, Texas:

1986	Postdoctoral Affairs Committee
1986-87	Graduate Faculty Council
1987	Pew Grant Proposal Committee
1988	Accreditation Steering Ad Hoc Subcommittee on Teaching Program, Department of Dental Diagnostic Science

COMMUNITY ACTIVITY

1990	Educator, Ill-effects of Smokeless Tobacco, University of Kentucky Baseball Team
1991	Issues in Dentistry, Health Connections Television Interview, Telecable Channel 9, Lexington, Kentucky
1992	United Way Fall Festival Contest Judge
1991-1995	Judge of Table Clinic Presentations, American Student Dental Association Day
1992-Present	Sharon K. Butler Scholarship Selection Committee, College of Dentistry

1993-1996	Peer Review Committee, Bluegrass Dental Society
1993	Organizing Committee, Kentucky Dental Association Fall Meeting
1993-Present	Supervising Dentist, Nathaniel Mission Health Care Facility, Lexington, Kentucky
1994	County Liaison Committee, Bluegrass Dental Society
1994-95	Scientific Sessions Committee, Bluegrass Dental Society
1994-95	Chair, TriState Dental Research Meeting, Lexington, Kentucky
1995	Research! America Scientist in the Schools
1996	Contributor to Lexington's Kids Magazine
1998-Present	Youth Soccer Coach
1998-Present	Hispanic - Migrant Health Fair
2002-Present	Director Chess Club, Brookside Elementary School

RESEARCH AND CREATIVE PRODUCTIVITY

Publications:

1. **Miller CS**, Foulke CN. Use of lysine in treating recurrent oral herpes simplex infections. *J Acad Gen Dentistry* 32(6):490-493, 1984.
2. **Miller CS**. Foreign body. *Oral Surg Oral Med Oral Pathol* 62(2):223-224, 1986.
3. Molina DG, **Miller CS**. An esthetic extrusion device. *J Acad Gen Dentistry* 1:43-45, 1987.
4. **Miller CS**, Craig RM, Mantich N. Blue-black macule on the maxillary palate. *J Am Dent Assoc* 114:503-504, 1987.
5. **Miller CS**, Dove SB, Cottone JA. Failure of cemental annulations in teeth to determine the age of humans. *J Forensic Sciences* 33(1):137-143, 1988.
6. **Miller CS**, Thrash WJ, Terezhalmay G, Glass BG, Katz J. Progressive deep muscle relaxation for the treatment of myofascial pain dysfunction. *J Oral Medicine* 42(4):216-220, 1988.
7. Miller CS, Craig RM. White corrugated mucosa. *J Am Dent Assoc* 117:345-346, 1988.
8. **Miller CS**, Craig RM. Bluish dome-shaped nodule of the lip. *J Am Dent Assoc* 118:745-747, 1989.
9. **Miller CS**, Henry RG, Damm DD. Proliferative mass found in the gingiva. *J Am Dent Assoc* 121:559-560, 1990.
10. **Miller CS**, Damm DD, Adams G. Basal cell carcinoma initially recognized by the dentist. *Compend Contin Educ Dent* 11(12):728-731, 1990.
11. Sobieralski MF, **Miller CS**, Jones SE. Subtle manifestations of AIDS. *J Dent Hygiene* 64(2):63-68, 1990.
12. **Miller CS**, Nummikoski PV, Barnett DA, Langlais RP. Cross sectional tomography a diagnostic technique for determining the buccolingual relationship of impacted mandibular third molars and the inferior alveolar neurovascular bundle. *Oral Surg Oral Med Oral Pathol* 70:791-791, 1990.

13. **Miller CS**, Smith KO. Enhanced replication of herpes simplex virus type 1 in human cells. *J Dent Res* 70(2):111-117, 1991.
14. Zeuss M, **Miller CS**, White DK. In situ hybridization analysis of human papillomavirus DNA in oral mucosal lesions. *Oral Surg Oral Med Oral Pathol* 71:714-720, 1991.
15. **Miller CS**, Triplett RG. Minimizing risk of infection using a carbon dioxide laser. *Spec Care in Dentistry* 11(4):155-157, 1991.
16. **Miller CS**, Zeuss M, White DK. In situ hybridization detection of HPV DNA in oral lesions: a comparison of two kits. *J Oral Pathol Med* 20:403-408, 1991.
17. **Miller CS**, Damm DD. Verapamil-induced gingival hyperplasia in a dental population. *J Periodontol* 63(5):453-456, 1992.
18. **Miller CS**, Redding S. Diagnosis and management of orofacial herpes simplex virus infections. *Dental Clinics of North America* 36(4):879-895, 1992.
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Editor, **The Ageing Times**, Southwest Geriatric Newsletter, 1986-88.

Associate Editor, **Clinician's Guide to Treatment of HIV-Infected Patients**, The American Academy of Oral Medicine, 1993, 31 pages.

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GRANTS AND CONTRACTS

Funded Research

- | | |
|---------|---|
| 1988 | Miller CS [Principal Investigator], Contract Pfizer Laser Systems, Pfizer CO ₂ Laser Model 10-C (consignment). |
| 1988-89 | Miller CS [Principal Investigator], American Fund for Dental Health, Dental Teacher Training Fellowship, Total Direct Costs: \$20,000 |
| 1989 | Miller CS [Principal Investigator], AADS/Warner Lambert Clinical Research Fellowship, "Effect of Electromagnetic Radiation on the Activation of Herpes Simplex Virus", Total Direct Costs: \$3,987. |
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- 1994-00 **Miller CS** [Principal Investigator]. "Signal Transduction in Oral Herpes Reactivation". National Institute of Dental Research, FIRST Award, R29 DEO9885-01A1, Total Costs: \$514,864.
- 1995 **Miller CS** [Principal Investigator], "Dental Management of Medically Compromised Patient - Digital Lecture." Small Grant Technology Transfer Award, College of Medicine, University of Kentucky, Total Direct Costs: \$1,200.
- 1996 **Miller CS** [Principal Investigator], "Oral Medicine CD-ROM" Digital Lecture." MCFACTS Center Minigrant, University of Kentucky, Total Direct Costs: \$ 1,000.
- 1997-98 **Miller CS** [Principal Investigator], "Origin of Pain in Burning Mouth Syndrome". University of Kentucky Medical Center Small Grant Fund and College of Dentistry, Total Direct Costs: \$29,997.
- 1997 **Miller CS** [Principal Investigator], University of Kentucky Single Investigator Equipment Award, Total Direct Costs: \$8,507.
- 1997-98 **Miller CS** [Principal Investigator], Henry R, Raybould T. "Effect of Sialogogues on Salivary Function in the Irradiated Head and Neck Cancer Patient." MGI Pharma, drug provided for study.
- 1997-02 White R, Marciani R, [Principal Investigators], **Miller CS** [Consultant]. "Multicenter Trial of Third Molar Patient Management." Oral and Maxillofacial Surgery Foundation, Total Direct Costs: \$377,500.
- 1998 **Miller CS** [Principal Investigator], "Computer Assisted Instruction on Adrenal Disease: An Interactive Case Presentation" University of Kentucky; Total Direct Costs: \$1,275.00.
- 1998-99 **Miller CS** [Principal Investigator], Raybould T, Reece D, Ferretti G, Burt J. "Phase III Study of the Efficacy and Tolerability of IB-367 in Patients Receiving Ablative Chemotherapy." Intrabiotics and Pharmaceutical Research Associates. Total Direct Costs: \$7,785.

- 2000 Fleming J, [Principal Investigator], **Miller CS** [Consultant]. “Navigational Decision-Making in Dental Management Cases.” Phase I – SBIR National Institutes of Health, R43 Award, Total Direct Costs: \$ 96,000.
- 2000-2002 **Miller CS** [Principal Investigator], “Valtrex Preventive Therapy of Herpes Labialis Associated with Dental Procedures.” Glaxo Smith Kline, Total Costs: \$227,000.
- 2001 **Miller CS** [Principal Investigator], “Digital Camera Recording of Medically Compromised Patients”, Council on Postsecondary Education, Total Direct Costs: \$ 1,000.
- 2001-2006 **Miller CS** [Principal Investigator], “Opportunistic Oral HSV: Mechanisms of Reactivation” National Institutes of Health, RO1 Award, DE14142. Total Costs: \$1,345,886.
- 2002-2006 Ansyln E, [Principal Investigator], **Miller CS** [Co Investigator]. “Saliva Analysis with an Array Sensor”, National Institutes of Health, U01 DE15017, Total Costs: \$4,000,000
- 2003-2005 Berger J, [Principal Investigator], **Miller CS** [Co Investigator]. “JC Virus Detection in Oropharynx and HIV” National Institutes of Health, R21 Award, Total Costs: \$300,000.

Adminstration of Awarded Grant Funds

- 1997 Gendex, Equipment grant, \$1,300.00
- 1997-1999 Eastman Kodak Dental products, X-ray Processing Chemistry Grant, \$ 2,000 to \$ 3,800.00 per year
- 1997-1999 Dentsply International/Rinn Corporate Dental School Grant Program \$650 – \$1390 per year]

Research Pending

- 2003 **Miller CS**, Fleming J. “Novel Health Care Education: Access to Virtual Patient Simulations.” FIPSE, \$555,193 requested.
- 2003 Ebersole, J (PI), **Miller CS** (Co-Investigator and Project Leader) “Viral/Bacterial Interactions in Chronic Disease” COBRE, NIH \$1.5 million requested.

Approved Research, Not Funded

- 1989 Littlefield JH, Suddick R, **Miller CS**, Finkelstein U. “Development, Use and Validation of Computer-based Simulations”, FIPSE, \$287,506 requested.

- 1989 **Miller CS**, [Principal Investigator], Radiological Society of North America, Effect of Electromagnetic Radiation on the Activation of Herpes Simplex Virus, \$9,977 requested.
- 1990-91 **Miller CS**, [Principal Investigator], Jacob R. National Institute of Dental Research, Academic Research Enhancement Award, "Molecular Aspects of Oral Herpes Virus Activation," \$73,062 requested, (Approved, priority score 223).
- 1991 **Miller CS**, [Principal Investigator], White D. "Detection of Human Papillomavirus Type 16 in Oral Cancer by Polymerase Chain Reaction," American Cancer Society Institutional Research Grant, \$7,500 requested.
- 1992 **Miller CS**, [Principal Investigator], White D. Detection of Human Papillomavirus in Oral Cancer by Polymerase Chain Reaction," American Cancer Society Institutional Research Grant, \$7,500 requested.
- 1993 **Miller CS**, Ferretti G, Damm DD. Topical acyclovir for the treatment of primary herpetic gingivostomatitis, Burroughs-Wellcome, \$98,000.
- 1993 **Miller CS**, Theiss BL, Falace DA, Matheny J. "Efficacy of Toradol for the Alleviation of Dental Pain", Syntex Laboratories, \$31,506.
- 1994 Kupp L [Principal Investigator], **Miller CS** [Collaborator]. "Minority and Women Student Dentist Research Program", National Institute of Health. (Priority Score 214)
- 1996 **Miller CS** [Principal Investigator], "Origin of Pain in Burning Mouth Syndrome". National Institute of Dental Research, \$919,534, (Priority Score 333).
- 1998-2003 **Miller CS** [Principal Investigator], "Modeling Oral Herpes virus Infection in vitro" National Institute of Dental Research, RO1 Award, \$1,549,376.
- 1998-2001 **Miller CS** [Principal Investigator], "Alternative Method for the Establishment of Herpes Virus Persistent Infection", American Fund for Alternatives to Animal Research, \$84,987.
- 1999-2004 **Miller CS** [Principal Investigator], "Modeling Oral Herpes Virus Reactivation in vitro" National Institutes of Health, RO1 Award, Total Direct Costs: \$1,079,274.
- 1999-2000 **Miller CS** [Collaborator], "An Exploratory Study Investigating the use of Stimulated Whole Saliva as an Adjunct Diagnostic Fluid for Detection of Breast Cancer." Department of Defense, Total Direct Costs: \$210,000.
- 2001-2005 **Miller CS** [Principal Investigator], "Stress Response Elements in HSV Reactivation" National Institutes of Health, RO1 Award, Total Direct Costs: \$1,662,608; priority score 238
- 2002-6 Rhodus NL [Principal Investigator], "Research Diagnostic Criteria for Burning Mouth Disorder" National Institutes of Health, RO1 Award, (**Miller CS**, consultant). Total Direct Costs: \$ 1,059,894, priority score 325

- 2001-4 Kaetzel, CS [Principal Investigator], **Miller CS** [Collaborator], "Gene regulation in lytic vs latent HSV infection", National Cancer Institute, RFA: Activities to Promote Research Collaborations, Total Costs: \$212,373
- 2002 **Miller CS** [Principal Investigator], "Role of Herpes Simplex Virus 1 in Alzheimer's disease." ADRC Pilot Grant, priority score 2.5
- 2002-2006 Fleming J, [Principal Investigator], **Miller CS** [Consultant]. "Navigational Decision-Making in Dental Management Cases." Phase I – SBIR National Institutes of Health, R43 Award, Total Costs: \$749,981

PATENTS

"Neuronal Cell Model and Methods of Use Therefor." United States Patent 6,268,124, awarded July 31, 2001 (Application No. 09/272,158 File date April 24, 1998)

"Neuronal Cell Model and Methods of Use Thereof" United States Patent 6,573,041 awarded June 3, 2003 (Application No. 60/243701, File date October 27, 2000)

SPEAKING ENGAGEMENTS

International:

"Cross-sectional tomography as an adjunct to third molar surgery", 8th International Association of Dento-Maxillo-Facial Radiology, San Antonio, Texas, June 30, 1988.

"Third International Conference on Curative Dentistry", Kuala Lumpur, Malaysia, December 12, 1996.

"Role of Human Papillomavirus in Oral Cancer", International Society for Oral Oncology, Chicago, Illinois, June 19, 1997.

National:

"Rotational Path of Insertion Removable Partial Dentures", Table Clinic Presentation, Hinman Dental Convention, Atlanta, Georgia, March 17, 1983.

"Cemental Annulations in the Determination of Human Age", The American Academy of Forensic Sciences, San Diego, California, Seventh Southwest Forensic Symposium, San Antonio, Texas, September 28, 1986 and February 19, 1987.

"Psoriasiform Gingivae", The Academy of Oral Medicine, Annual Meeting, Bal Harbor, Florida, May 9, 1987.

"Characterization of Oral Candidiasis in High Dose Cancer Chemotherapy", American Academy of Oral Medicine Meeting, Phoenix, Arizona, May 4, 1989.

"Enhanced Activation of Herpes Simplex Virus", American Academy of Oral Medicine Annual Meeting, Key Biscayne, Florida, May 4, 1990.

"Clinical Pathology Conference - Granulocytic Sarcoma," American Academy of Oral Medicine Annual Meeting, New Orleans, Louisiana, April 25, 1991.

"Top Thirty Prescription Medications" and "Lumps, Bumps, and Lesions", Butte Sierra Dental Society, Yuba City, California, January 28, 1994.

"Recent studies in UV- and hormonal stimulation of herpes virus replication and its potential in LATs gene expression." Southern Association of Agricultural Scientists, Nashville, Tennessee, February 7, 1994.

"Implications of Human Papillomavirus in the Etiology of Oral Cancer." American Association for Cancer Education, Dental Oncology Conference, Louisville, Kentucky, November 19, 1994.

"Viral Infections in Immunocompetent Patients". Naval Dental Center, Oral Medicine Conference, Bethesda, Maryland, April 12, 1995.

"Diagnosing and Managing Oral Mucosal Lesions." Federation of Special Care Annual Meeting, Special Care Issues in Dentistry, Geriatrics Session, Chicago, Illinois, April 19, 1996.

"Burning Mouth Syndrome." American Academy of Oral Medicine Annual Meeting, San Diego, California, May 3, 1996.

"Top 25 Prescription Drugs Taken by Dental Patients." American Dental Hygienist's Association Annual Meeting, Phoenix, Arizona, June 21, 1996.

"Advances in Oral Medicine", Park City, Utah, January 27-30, 1997.

"Advances in Oral Medicine, Geriatrics and Orthodontics", Park City, Utah, January 7-11, 1998.

"The Top 30 Prescription Drugs Taken by Dental Patients" and "Oral and Periodontal Manifestations of Systemic Disease" Oregon Dental Hygienist's Association Annual Meeting, Portland, Oregon, April 4, 1998.

"Overview of Oral Medicine – Hepatitis Virus Infections", University of Pacific School of Dentistry, San Francisco, California, December 4, 1998.

Diplomates Lecture "Human Papillomavirus and Oral Squamous Cell Carcinoma", American Academy of Oral Medicine, April 29, 1999, Seattle, Washington.

"Oral and Periodontal Manifestations of Systemic Disease", Sacramento District Dental Society, February 3, 2000, Sacramento, California.

"Drugs 2000 – Top 50 Rx", Sacramento District Dental Society, February 4, 2000, Sacramento, California.

"Hepatitis A, B, C to HIV", Sacramento District Dental Society, February 4, 2000, Sacramento, California.

"Oral Manifestations of Systemic Disease", Utah Dental Meeting, March 2-4, 2000, Salt Lake City, Utah.

"Lumps, Bumps and Lesions", Utah Dental Meeting, March 2-4, 2000, Salt Lake City, Utah.

"Myths of Burning Mouth Syndrome", American Academy of Oral Medicine Annual Meeting, April 14, 2000, Las Vegas, Nevada.

Oral Medicine Symposium "Herpes Simplex Virus Infections", American Academy of Oral and The University of Pacific, at the Las Vegas Institute, November 29, 2001, Las Vegas, Nevada.

"Clinical Implications & Applications of Oral Medicine", Third District Dental Meeting, February 15, 2002, Butte, Montana.

Joe Gibilisco Dental Reviews Lecture, "For Every Drug Action There is an Interaction", Mayo Dental Reviews, Mayo Civic Center, March 22 and April 5, 2002, Rochester, Minnesota.

American Dental Association Table Clinic Presentation, Antiviral Approaches for Preventing Herpes Labialis Associated with Dental Procedures," New Orleans, Louisiana, Oct 19, 2002

Regional:

"Nursing Bottle Decay", Table Clinic Presentation: Kentucky Dental Association, Lexington, Kentucky, April 20, 1981.

"Panoramic principles", U.S.A.F. Hospital Beale Dental Staff, Beale AFB, California, March 13, 1986.

"Local Anesthesia", The School of Technical Careers, Department of Dental Hygiene, Carbondale, Illinois, May 16, 1986.

"Anatomy and Neuroanatomy of the Head, Neck and Oral Cavity", The School of Technical Careers, Department of Dental Hygiene, Carbondale, Illinois, May 18, 1986.

"Tomography and Cross-Sectional Tomography Principles and Technique", Advanced Program in Dental Radiology, Louisville, Kentucky, June 15, 1989.

"Dental Diagnosticians - Our Role in the Future, "University of Texas Health Science Center, San Antonio, Texas, January 24, 1990.

"Top Twenty Prescription Medications," Kentucky Dental Annual Meeting Louisville, KY, April 2, 1990.

"Top Twenty-Five Prescription Medications," Dental Staff, Homestead Air Force Base, Miami, Florida, May 4, 1990.

"Viral Infections in Dentistry: An Update in Oral Medicine," Bluegrass Dental Society, Lexington, Kentucky, February 12, 1991.

"Top Thirty Prescription Medications," Area Health Education Center, Morehead, KY, November 22, 1991.

"Top Twenty Prescription Medications," Bluegrass Dental Hygiene Society, Lexington, Kentucky, November 10, 1992.

"Miniresidency in Oral Medicine and Oral Pathology", Lexington, Kentucky, April 12-16, 1993.

"Top Thirty Prescription Medications", Teleconference to Owensboro, Kentucky April 16, 1993.

"Miniresidency in Oral Medicine and Oral Pathology," Lexington, Kentucky, October 11-15, 1993.

"Top Thirty Prescription Medications", Teleconference to Hazard, Kentucky, October 15, 1993.

"Top Thirty Prescription Medications", Covington, Kentucky, November 19, 1993.

Winter Alumni Symposium, "Prescription Drugs Taken by Your Dental Patients", Lexington, Kentucky, December 17, 1993.

"Top Thirty Prescription Medications", Kentucky Dental Meeting, Louisville, Kentucky, March 25, 1994.

"Top Thirty Prescription Drugs and Ulcerative Lesions of the Oral Cavity", Southeastern Kentucky Dental Association, Pineville, Kentucky, August 6, 1994.

"Top Thirty Prescription Drugs and Burning Mouth Syndrome." Mountain Dental Society, Pikeville, Kentucky, December 3, 1994.

"Herpes Virus Infections." Keely Dental Society, Hamilton, Ohio, March 16, 1995.

"Top Twenty Prescription Drugs", Kentucky Dental Hygiene Association 42nd Annual Meeting, Louisville, Kentucky, March 31, 1995.

"Top Thirty Prescription Medications and HIV and Other Viral Infections", Shaker Village, Pleasant Hill, Kentucky, June 2 & 3, 1995.

"Radiation Safety in Dentistry", Lexington, Kentucky, December 7, 1995.

"Oral Medicine Update: HIV and AIDS", Lexington, Kentucky, March 28, 1996.

"Top Thirty Prescription Medications" and "Oral Medicine Update", Jenny Wiley State Park, Kentucky, June 10, 1996.

"Top Thirty Prescription Drugs and their Interactions with Dentistry", Lake Barkley Resort, Cadiz, Kentucky, September 13, 1996.

"Top Thirty Prescription Drugs and Periodontal Manifestations of Local and Systemic Disease", Fayetteville, Arkansas, November 8, 1996.

"Oral and Periodontal Manifestations of Systemic Disease", Bluegrass District Dental Hygiene Association Celebration of Life Annual Meeting, Lexington, Kentucky, March 14, 1997.

"Drug Interactions in Dentistry", Purchase Dental Society, Mayfield, Kentucky, October 23, 1997.

"Prescription Antimicrobial Drug Use for Dentistry: Common Drugs for Common Bugs," Wyndham Garden Hotel, Lexington, Kentucky, July 17, 1998.

"Emergency Procedures and Emergency Drugs in Dentistry," Southeast Kentucky Dental Society, Barbourville, Kentucky, August 20, 1998.

"Drug Interactions in Dentistry", Telemedicine to Advanced General Dentistry Students, Lexington, Murray and Paducah, Kentucky, August 21, 1998.

"Candidiasis and Antifungal Agents", Telemedicine to Advanced General Dentistry Students, Lexington, Murray and Paducah, Kentucky, December 12, 1998.

"Burning Mouth Syndrome", 23rd Fall Symposium, Lexington, Kentucky, September 24, 1999.

"Symposium of the Influence of Gender on Dental Practice", Kentucky Dental Meeting, Louisville, Kentucky, April 1, 2000.

"Common Oral Lesions" Pikeville Osteopathic School of Medicine, Pikeville, KY June 12, 2001.

"Burning Mouth Disorder: Fact or Fiction" and "Understanding the Regulatory Mechanisms of Herpes Simplex virus Reactivation: Impact on Therapeutics" University of Minnesota School of Dentistry, Minneapolis, MN April 4, 2002.

Orofacial Pain in the Dental Practice: A Multidisciplinary Approach, "Differential diagnosis of and treatment", Radisson Hotel, Lexington, KY, May 3, 2002.

"Common Oral Lesions and Ulcerations: Diagnosis and Management", Blue Grass Dental Society Meeting, Embassy Suites Lexington, KY, May 14, 2002.

"Update on Medically Compromised Patients: Avoiding Complications and Emergencies." Green River Dental Society, Owensboro, KY, February 19, 2003.

Local:

"Dentistry from a medical point of view", U.S.A.F. Hospital Beale Medical Staff Grand Rounds Beale A.F.B., California, March 11, 1985.

"Emergencies in the dental office", U.S.A.F. Hospital Beale Dental Staff, U.S.A.F. Hospital Beale, Beale A.F.B., California, January 24, 1985.

"SBE prophylaxis", U.S.A.F. Hospital Beale Medical Staff Grand Rounds Beale A.F.B., California, March 15, 1985.

"Cardiopulmonary Resuscitation", San Antonio Dental Clinics, San Antonio, Texas, Yuba City, California, August 26, 1987 and April 30, 1988.

"Physical Evaluation of the Dental Outpatient", Dental Staff, Dunn Dental Clinic, Lackland A.F.B., Texas, June 14, 1988.

"Radiation Safety", Department of Hospital Dentistry, Wilford Hall Medical Center, Lackland A.F.B., Texas, June 21, 1988.

"Cardiopulmonary Resuscitation Instructors Course", 11th Contingency Hospital, Lackland A.F.B., Texas, June 14, 1988.

"Top Twenty Drugs", Dental Staff, Dunn Dental Clinic, Lackland A.F.B., Texas, June 23, 1988.

"Oral Cancer," Interdisciplinary Geriatric Conference, Veterans Administration Hospital, Lexington, Kentucky, June 29, 1990.

"Prescription Medications in Dentistry," Bluegrass Dental Assistant Society, Lexington, Kentucky September 18, 1990.

"Smokeless Tobacco Usage: Cause for Concern," University of Kentucky Baseball Team, Lexington, Kentucky, October 17, 1990.

"Top Thirty Prescription Medications," Lexington, Kentucky December 19, 1990.

"Common Oral Lesions of the Elderly," Interdisciplinary Geriatric Conference, Veterans Administration Hospital, December 13, 1991.

"Medical Emergencies in Dental Practice," Adjunct Faculty, Holiday Inn, Lexington, Kentucky, December 13, 1991.

"Top Twenty Prescription Medications", Audie Murphy Veterans Administration Hospital Dental Staff, San Antonio, Texas, April 27, 1992.

"Top Thirty Prescription Medications", Veterans Administration Dental Clinic, August 26, 1993.

"1994 Update for Dental Assistants - Dental Radiology", Lexington Veterans Administration Leestown Hospital, Lexington, Kentucky, August 11, 1994.

"Cardiovascular and Pulmonary Drugs", Lexington Veterans Administration Leestown Hospital, Lexington, Kentucky, October 7, 1994.

"Viral Infections", University of Kentucky Faculty Club, Lexington, Kentucky, December 11, 1996.

"Oral Medicine Updates: HIV and AIDS", Lexington, Kentucky, January 21, 1997.

"Top 30 Prescription Drugs Taken by Dental Patients", Advanced General Dentistry Program, March 20, 1998.

"Radiation Safety in Dentistry", Lexington, Kentucky, March 26, 1998.

"Digital Radiology", Bluegrass Dental Assistants Society, Lexington, Kentucky, May 9, 2000.

"Going for the Gold: Making the Most of Careful Evaluation and Treatment of Your Older Patients with Medical Problems and Conditions", Lexington, Kentucky, October 20, 2000.

"Dental Management of the Patient Who Chronically Uses Steroid Medication" Lexington, Kentucky, November 16, 2001.

“Common Oral Lesions and Ulcerations”, Veteran’s Administration, Cooper Drive, Lexington, KY, May 23, 2002.