

## Charles F. Streckfus, Curriculum Vitae

**Name:** Charles F. Streckfus, DDS, MA, FAAOM, FACD

**Present Title:** Professor, Scientist Educator Tenure Track)

**Address:** UT School of Dentistry at Houston  
BBSB, Rm 5322, 1941 East Rd., Houston, TX 77054

**Citizenship:** USA

### **Undergraduate:**

The Johns Hopkins University – 1971  
B.S. Biology

### **Graduate Education:**

University of Maryland School of Dental Surgery – 1978  
Doctor of Dental Surgery

Towson State University – 1974  
M.A. in Psychology

### **Postgraduate Training:**

Senior Staff Fellow – NIDCR/NIA – 1992-1995  
Molecular Epidemiology, Gerontology National  
Institutes of Health

### **Academic Appointments:**

A. August 1, 2005 – Present

Professor, Department Diagnostic Sciences  
University of Texas School of Dentistry at Houston  
7500 Cambridge St.  
Houston, Texas 77054.  
**Tenured September 1, 2009.**

B. November 1, 2012 – Present

Adjunct Professor, Department Ophthalmology  
Baylor College of Medicine  
1 Baylor Plaza  
Houston, Texas 77030.

C. August 1, 2005 – Present

## Charles F. Streckfus, Curriculum Vitae

Adjunct Professor  
University of Texas School of Nursing at Houston  
6901 Bertner Ave.  
Houston, Texas 77030.

D. April 1, 1995 ~ July 8, 2005

University of Mississippi Medical Center, School of Dentistry  
Assistant Dean of Research and Graduate Programs 7/1/98 – 7/8/05  
Tenured July 1, 2000.  
Professor, Department Periodontics & Oral Biology, 6/1/01 – 7/8/05  
Professor, School of Medicine, Depart. of Anatomy, 7/1/97 -  
7/8/05. Professor, Graduate Programs, 4/1/95 - 7/8/05.  
Director of Clinical Research, 2/1/98 - 7/8/05  
Professor, School of Dentistry, Depart. Diag. Sciences, 7/1/97 – 6/1/01.  
Associate Professor, Depart. Diag. Sci., 4/1/95 - 7/1/97.  
Associate Professor, School of Medicine. Depart of Anatomy 4/1/95 -  
7/1/98.

E. March 23, 1992 ~ March 30, 1995

Senior Staff Fellow  
National Institute of Dental Research/NIH  
Promoted and assigned as Dental Officer, 1/195.  
Senior Staff Epidemiology Research Fellow, 3/23/92 -1/1/95.

F. University of Maryland School of Dentistry  
Clinical Assistant Professor (1982 - 1995)  
Clinical Instructor (1978 -1981)

### Hospital Appointments:

The James and Margaret Elkins Chair Alkek Eye Center, Sjögren's Treatment  
Center, Baylor College of Medicine, Department of Ophthalmology, 1977 Butler  
Boulevard, Houston, TX 77030  
Warren Grant Magnuson Hospital and Clinical Center of the National Institutes of  
Health, Bethesda, Md. 1992 to 1997.  
Johns Hopkins Hospital Bayview Campus, Department of Otolaryngology,  
Baltimore, Md., 1994 to 1997.

### Licensure:

Maryland State Dental License: 1978 - present.  
Mississippi State Dental License: 1995 - 2007.  
Texas State Dental License: 1/23/06 - present.

## Charles F. Streckfus, Curriculum Vitae

North East Regional Board, 1978 - present.  
DEA Controlled Substance Licensure: 1978 - present.  
Maryland Controlled Substance License: 1978 - present.  
Texas Controlled Substance License: 2006 - present.  
NIH Certification for Human Subjects Research: 969050654, 2000 - present  
UTHSC Radioactive Material Permit: 1996 - present.

### Certification:

Fellow American Academy of Oral Medicine, 1995 - present  
Elected Fellow American Academy of Dentistry, 1998 - present.

### Professional Organizations (and Committees of these):

South West Oncology Group (**I was the only dentist in the USA appointed to this committee**)  
American Association of Cancer Research  
Human Proteome Organization  
American Association Advancement of Science  
International Association Dental Research/American Association Dental Research  
AADR Ethics Committee  
*Omicron Kappa Upsilon* (selected), *Rho Sigma* Chapter, National Dental Honor Society  
American Dental Association  
ADA Council of Scientific Affairs (Appointed)  
ADA Chair Health Screening Program (Appointed)  
American Dental Education Association  
The Proteome Society  
American Academy Oral Medicine  
American College of Dentistry (selected)  
*Sigma Xi*

### Honors and Awards:

#### A. Scientific Awards

Certificate of Appreciation: 2<sup>nd</sup> International Cancer Study & Therapy Conference. February 20-22, 2017, Balto., MD.  
Nominated for the IADR distinguished Scientist award, 2014.  
Certificate of Appreciation for Contributions to the Scientific program of the 88<sup>th</sup> Annual Session Greater New York Dental Meeting, November 23-28, 2012.  
Nominated for the IADR Award for Scientific Excellence August, 2011.  
Elected to Chair the ADA Health Screening Program 8/12/11  
Nominated for the Brinker Award of the Susan G. Komen Breast Cancer Foundation, 2010.

## Charles F. Streckfus, Curriculum Vitae

Elected to the ADA Council of Scientific Affairs 8/12/08  
Awarded Tenure at UT – Dental Branch to start 9/1/09.  
Commendation - Scientist Reviewer, USAMRC/CDMRP/DOD, Panel#3  
Molecular Biology and Genetics, June 14-16, 2009, Restin VA.  
Invited to American Cancer Society's luncheon on celebrating achievements in  
cancer research, Houston, TX, October 22, 2008.  
President's Award for Scientific Excellence, Presented by the International  
Society for Preventive Oncology, 6<sup>th</sup> International Symposium Predictive  
Oncology Intervention Strategies, Pasteur Institute, Paris France, February 9 –  
12, 2002.  
Elected Fellow into American College of Dentists, 5/14/98.  
Gerontological Society of America: Certificate of Recognition, 11/15/97.  
National Institutes for Dental Research: Merit Award 5/6/95.  
American Academy of Oral Medicine, Professional Service Award 4/24/91.

### B. Patents

Detection of Salivary Proteins Modulated Secondary to Ductal Carcinoma *in situ*  
of the Breast., serial number 13/918,467, Patent No. 8,772,038 issued 7/8/14.  
Method of Diagnosing and Monitoring Breast Carcinomas. Patent #6,972,180,  
Issued 12/6/05.  
Method of Diagnosing and Monitoring Breast Carcinomas. Patent #4856-CON,  
Issued 12/27/03.  
Method of Diagnosing and Monitoring Breast Carcinomas. Patent # 6,294,349,  
Issued 9/25/01.

### C. Educational and Mentoring Awards

Nominated for OKU Leeper Award by UTSOD Mu/Mu Chapter OKU, 10/2014.  
Received the UT-School of Dentistry Dean's Excellence Award, Scholarship of  
Teaching, May, 2014.  
Received the UT-School of Dentistry Dean's Excellence Award Outstanding  
Mentor Award, October 25, 2013.  
Student Research award for Tara Luther star of the South  
San Antonio District Dental Society ~ In appreciation for providing outstanding  
continuing education in the advancement of the profession of Dentistry 10/5/10.  
Keynote Speaker. Cancer Research Breakthroughs. The Rotary Club of  
Houston, Houston, Texas, May 21, 2009.  
Keynote Speaker. National Junior Honor Society Address, Victory Lake  
Intermediate School, League City, Texas, March 24, 2009.  
Certificate of Appreciation, Texas Dental Hygiene Educator's Association, 2/6/09  
Certificate of Appreciation, Bay Area Dental Hygiene Association, 1/8/09.  
University of Mississippi Medical Center Certification of Appreciation in  
recognition for outstanding support of the Mississippi Dental Association Student  
Mentoring Program, July 13, 2004.

## Charles F. Streckfus, Curriculum Vitae

Commendation for the ADA Accreditation Research Standards 6.1, 6.2.  
Certificate of Commendation for the commitment to increase the number of minority biomedical research scientists and for participating in the MARC Silver Anniversary Conference, Tougaloo College, 2/10/01.  
Cancer Research Training Award, Neuro -Oncology Branch, NCI/NIH. 7/1/00 – 9/1/00. Student from Base Pairs Program (Giovanni Adams).  
Induction into *Omicron Kappa Upsilon* (selected), *Rho Sigma* Chapter, National Dental Honor Society 5/14/98.  
Faculty of the Year Award (selected), American College of Dentists, Mississippi Section, 4/17/98.  
Certificate of Commendation from Dean E Reese University of Maryland School of Dentistry for Contributions Made In Geriatric Field Instruction and Dental Education, Academic Year 1988-1989.  
Pediatric Externship - Baltimore City Hospital 1976-1978.  
Orthodontic Clerkship - Univ of Md School of Dentistry, 1978.

### D. Leadership Awards

Houstonia Magazine, Top-Dentists Award, May, 2014, Houston, Tx.  
ADA/CSA Award for Outstanding and Dedicated Services 2009-2012.  
IADR Certificate of Appreciation Award Group Program Chair March 13, 2004.  
AADS Legislative Workshop Participant 9/7-11/96.  
Leadership, Achievement, and Distinguished Service Award, Upper Chesapeake Health Management Systems, 11/15/89.  
Nominated for the American Dental Assoc Geriatric Health Care Award representing the University of Maryland School of Dentistry, 6/88.  
Appointed to the State Board Claims Arbitration 1984 - Present Health Claims Arbitration Office, 118 N Howard St, Suite 610, Balto, Md 21201.  
Nominated Baltimore's Best 1982 for Community Health Care Delivery.  
Letter of Commendation from Mayor William D Schaefer - 1982.

### Editorial Positions:

Editorial Board of *World Journal of Clinical Oncology* (*WJCO, World J Clin Oncol*).  
Editorial Board of *Oncology Discovery*.  
Editorial Board HOAJ Biology

### Reviewer:

### Grant Agencies, And Foundations

CDMRP/DOD Breast Cancer Section, Molecular Biology group. July 22 24, 2008.  
Appointed grant reviewer for the Susan G. Komen Foundation Breast Cancer Foundation –11/18/05-1/13/08.  
Prevention Research Center Oral Health Small Grants Programs, Group Centers for Health Promotion and Disease Prevention, August 30, 2002.

## Charles F. Streckfus, Curriculum Vitae

Scientific Review Panel Member, Scientific Review Branch, Division of Extramural Research, NIDCR/NIH: Grant# RFA, DE13635-02 An intraoral vacuuming appliance for sialorrhea.7/29/02.

Scientific Review Panel Member, Scientific Review Branch, Division of Extramural Research, NIDCR/NIH: Grant# RFA, DE 99-003, Centers for Research to Reduce Oral Health Disparities, 7/15/02.

Pilot Committee, Scientific Review Panel Member, Scientific Review Branch, Division of Extramural Research, NIDCR/NIH: Grant# RFA, DE 02-004, Research to Prevent or Reduce Oral Health Disparities, 7/15-17/02.

Planning Committee, Scientific Review Panel Member, Scientific Review Branch, Division of Extramural Research, NIDCR/NIH: Grant# RFA, DE 99-005, Research to Prevent or Reduce Oral Health Disparities, 7/17/02.

Chairperson, Scientific Review Panel Member, Scientific Review Branch, Division of Extramural Research, NIDCR/NIH: Grant# RFA, DE014891-01 Conference In Closing The Gap In Hispanics' Oral Health 5/07/02.

Parent Committee, Scientific Review Panel Member, Scientific Review Branch, Division of Extramural Research, NIDCR/NIH: Grant# RFA, DE 99-003, Centers for Research to Reduce Oral Health Disparities, 1/19/01, 4/23-25/01, 5/17/01.

Scientific Review Panel Member, Scientific Review Branch, Division of Extramural Research, NIDCR/NIH: Grant# RFA, DE 99-003, Centers for Research to Reduce Oral Health Disparities, 1/19/01, 4/23-25/01.

### Journals

Editorial Board of *World Journal of Clinical Oncology*

International Journal of General Medicine

Journal of Cancer Biomarkers

Special Care in Dentistry

Journal of Dental Education

Journal of Cancer Detection and Prevention

Journal American Public Health Association

Journal of Physiology

Journal of Aging: Clinical and Experimental Research

Journal of Head & Neck Cancer

Journal American Dental Public Health Association

Journal of Dental Research

Journal of Oral Pathology & Medicine

Journal of Biochimica et Biophysica Acta (BBA - Proteins and Proteomics)

Journal of Clinical Chemistry and Laboratory Medicine

Journal of Oral Diseases

Journal of Hypertension

Journal of Oral Pathology & Medicine

International Journal of General Medicine Submission

Journal of Molecular Medicine

## Charles F. Streckfus, Curriculum Vitae

Journal of Oral Pathology and Medicine.

### Consultantships:

Scientific Consultant & Scientific Advisory Board Member. 2/20/2014 – Present  
Consensus Panel Member, Sjögren's Syndrome Foundation Guidelines for Oral Aspects of Sjögren's Syndrome. SSF Clinical Practice Guidelines – Consensus panel for Caries Prevention. 2/20/2014 – Present.

Consultant and Advisor to the American Dental Association, Council of Scientific Affairs, Salivary Function and Biomarkers, 2012 - present.

Senior Scientific Advisor Houston Center for Biomaterials and Biomimetics, 2011 to present.

### Service on National Grant Review Panels, Study Sections, Advisory Panels And Committees

#### A. NIH, CDC, DOD & Komen Grant Review Committees:

CDMRP/DOD Breast Cancer Section, Molecular Biology group. July 22 24, 2008 -2011.

Grassroots Advocacy and State Issues Center for Public Policy and Advocacy  
American Dental Education Association, appointed 10/1/05.

Appointed grant reviewer for the Susan G. Komen Foundation Breast Cancer Foundation –11/18/05-1/13/06.

Prevention Research Center Oral Health Small Grants Programs, Group Centers for Health Promotion and Disease Prevention, August 30, 2002.

Scientific Review Panel Member, Scientific Review Branch, Division of Extramural Research, NIDCR/NIH: Grant# RFA, DE13635-02 An intraoral vacuuming appliance for sialorrhea.7/29/02.

Scientific Review Panel Member, Scientific Review Branch, Division of Extramural Research, NIDCR/NIH: Grant# RFA, DE 99-003, Centers for Research to Reduce Oral Health Disparities, 7/15/02.

Pilot Committee, Scientific Review Panel Member, Scientific Review Branch, Division of Extramural Research, NIDCR/NIH: Grant# RFA, DE 02-004, Research to Prevent or Reduce Oral Health Disparities, 7/15-17/02.

Planning Committee, Scientific Review Panel Member, Scientific Review Branch, Division of Extramural Research, NIDCR/NIH: Grant# RFA, DE 99-005, Research to Prevent or Reduce Oral Health Disparities, 7/17/02.

Chairperson, Scientific Review Panel Member, Scientific Review Branch, Division of Extramural Research, NIDCR/NIH: Grant# RFA, DE014891-01 Conference In Closing The Gap In Hispanics' Oral Health 5/07/02.

Parent Committee, Scientific Review Panel Member, Scientific Review Branch, Division of Extramural Research, NIDCR/NIH: Grant# RFA, DE 99-003, Centers for Research to Reduce Oral Health Disparities, 1/19/01, 4/23-25/01, 5/17/01.

## **Charles F. Streckfus, Curriculum Vitae**

Scientific Review Panel Member, Scientific Review Branch, Division of Extramural Research, NIDCR/NIH: Grant# RFA, DE 99-003, Centers for Research to Reduce Oral Health Disparities, 1/19/01, 4/23-25/01.

### **University of Texas School of Dentistry at Houston Committees:**

#### Current

Physiology Search Committee, Chairman elect. 6/1/17.  
Appointment Promotions and Tenure Committee, Chairman elect. 9/1/16  
Student Evaluation & Promotions Committee D1  
Dean's Academy of Distinguished Teaching Scholars  
Houston Center for Biomaterials and Biometrics Advisory Board

#### Past

Faculty Development and Evaluation Committee (Chair)  
Promotions Committee - Diagnostic Sciences  
Faculty Senate (President – elect)  
Perio Search Committee (ad hoc)  
Local AADR Cohort (President elect)  
Assistant Dean for Clinical Research Committee (ad hoc)  
Research Committee  
UT-Dental Search Committee

### **University of Texas Health Science Center at Houston School**

Biological Safety and Welfare Committee, Sept 1, 2013 - present  
Conflict of Interest Committee, Sept 1, 2006- 2012  
Institutional Review Board (2005-2008)  
Intellectual Property Committee  
CCTS Engine for Innovation Committee  
GSBS

### **Graduate School of Biomedical Sciences Committees:**

None

### **University of Texas Hospital Committees:**

None

### **Community Service:**

UT-Dental Branch Sterilizer Service 2005 -2008

### **Sponsorship of Candidates Pre And Postdoctoral Degrees:**



## Charles F. Streckfus, Curriculum Vitae

*Note: I have co-authored with all the students I mentored. Their names are embolden throughout the citations.*

Dr. Alexandra Garraton: Characterization of Immune Regulatory and Inflammatory Cells in Human Periapical Lesions. Masters of Endodontics Thesis Committee, UTSOD, 8/5/2015.

**Tran D**, Gay I, Du XL, Fu Y, Bebermeyer RD, Neumann AS, **Streckfus C**, Chan W, Walji MF. Assessment of Partial-Mouth Periodontal Examination Protocols for Periodontitis Surveillance. Journal of Clinical Periodontology, 2014, DOI: 10.1111/jcpe.12285.

**Tran DT**, Gay I, Du XL, Fu Y, Bebermeyer RD, Neumann A, Streckfus C, Chan C, Walji MF. Assessing Periodontitis in Populations: A Systematic Review of the Validity of Partial Mouth Examination Protocols. Journal of Clinical Periodontology, 2013, Accepted manuscript online: 10 SEP 2013 01:50AM EST | DOI: 10.1111/jcpe.12165.

Napeñas J, **Miles L**, Edwards C, **Streckfus CF**. Salivary Flow Rates Among Women Diagnosed with Benign and Malignant Tumors. Spec Care Dentist 2013, 33(3):102-110.

Trajtenberg, CP; Barros, Juliana;; Patel, Shalizeh, Miles, Leslie C, **Streckfus C**. Salivary flow rates, per se, may not serve as consistent predictors for dental caries. Open Journal of Stomatology 2013, 3:133-141.

Paige S, **Streckfus CF**. Salivary analysis in the diagnosis and treatment of breast cancer: a role for the general dentist. Dental Abstracts, 2007, 52(5):274-5. (selected as top 20 articles published of the month by the editors)

Streckfus C, Bigler L, **Dellinger T**, **Kuhn M**, **Chouinard N**, Dai X. The Expression of the c-erbB-2 Receptor Protein In Glandular Salivary Secretions. J Oral Path Med, 2004, 33:595-600.

**Copeland L**, Krall EA, Brown LJ, Garcia RI, Streckfus CF. Predictors of tooth loss between two adult populations. J Pub Health Dent, 2004, 64(1): 31-37.

**Brinkley J**, **Copeland L**, Streckfus C, Tucci M, Benguzzi H. Sustained delivery of *HER-2/NEU* antibody by TCPL delivery device using adult male rats as a model. Biomed Sci Inst., 2003, 39:324-328.

Bigler LG, Streckfus CF, Burns R, **Copeland L**, Dai X, **Kuhn M**, Martin P, Kaelbling M Bigler SA. The potential use of saliva to detect recurrence of disease in high-risk breast cancer patients. Oral Path Med.2002, 31(7):421-431.

## Charles F. Streckfus, Curriculum Vitae

Streckfus CF, Bigler LG, **O'Bryan TM**. Effects of aging on salivary cytokine concentrations and whole saliva flow rates among women. Intl J Exp Clin Geron. 2002, 48(5):282-288.

**Dickey W**, Streckfus CF, Brown J. Subjective Well Being and Dental Treatment in Elderly African-Americans. Psy Reports. 2002, 91:525-526.

**Adams RG**, Dellinger T, **Kuhn MM**, Streckfus CF, Bigler L. p53 as a diagnostic tool for the detection of cancer. J Miss Acad Sci. 2001, 46(4):1-5.

Streckfus CF, Bigler L, Dellinger TD, Dai X, **Cox WJ**, **McArthur A**, Kingman A, Thigpen JT. Reliability assessment of soluble *c-erbB-2* concentrations in the saliva of healthy women and men. Oral Surg Oral Med Oral Path. 2001, 91(2):174 -180.

**Streckfus CF**, Bigler L, Dellinger TD, Pfeifer MR, **Rose A**, Thigpen JT. CA 15-3, and *c-erbB-2* presence in the saliva of Women. Clin Oral Invest. 1999, 3(3):138-143.

**McIntyre R**, Bigler L, Dellinger TD, Pfeifer MR, **Mannery T**, Streckfus CF. Oral contraceptive use does not alter the expression of CA 15-3 and *c-erbB-2* in the saliva of healthy women. Oral Surg Oral Med Oral Path. 1999, 88:687-690.

Streckfus CF, Parsell D, Streckfus JE, **Pennington W**, Johnson RB. The relationship between oral alveolar bone loss and aging among African-American and Caucasian individuals. Intl J Exp Clin Geron. 1999, 45:110-114.

**Younger H**, **Harrison T**, Streckfus CF. Relationship between stimulated whole, glandular salivary flow rates, and root caries prevalence in an elderly population. J Spec Care Dent. 1998, 18(4):156-163.

**Harrison T**, **Younger H**, Bigler L, Tucci M, Pratt L, Malamud F, Thigpen JT, Streckfus CF. Salivary sIgA concentrations and stimulated whole saliva flow rates among women undergoing chemotherapy for breast cancer. J Spec Care Dent. 1998, 18(3):109-112.

Johnson RB, Gilbert JA, Cooper RC, Dai X, Newton BJ, Tracy RR, West WF, DeMoss TL, Myers PJ, **Streckfus CF**. Alveolar bone loss one year following ovariectomy in sheep. J Perio. 1997, 68:864-871.

### Sponsorship of Postdoctoral Fellows:

Dr. Alexandra Garraton, Endodontic Master's Degree committee, 2015.

Tran, DT, PhD program, Public Health, 2011-present.

Miles, Leslie, PhD program, Nursing, 2011-present.

Garraton, Alexandra, DMD Master's Degree committee 2014.

## Charles F. Streckfus, Curriculum Vitae

Dr. Christopher Claus, Chair Pedodontic Master's Degree committee 2010.  
 Dr. Ghazaleh Ghaneh Endodontic Master's Degree committee, 2009.  
 Dr. Ryan Cregger, Chair Pedodontic Master's Degree committee, 2008.  
 Dr. Kristina Langworthy, Chair Pedodontic Master's Degree committee, 2009.  
 Naurato Nicholas MS UMMC2005 Needed to complete thesis. Went to periodontics program  
 Copeland, Lynn Ph.D. UMMC2005 Needed to complete comps and dissertation. Went in to private practice.  
 Dellinger, Tracy MS UMMC4/1/00 The use of saliva for the detection of ovarian cancer.

### Membership on Thesis and Supervisory Committees:

<b>Advisory Committee Membership</b>				
<b>Candidate Name</b>	<b>Degree Candidate</b>	<b>University</b>	<b>Date Completed</b>	<b>Title of Dissertation</b>
<b>Doctorate Degree</b>				
Miles, Leslie	Ph.D.	UT-SON	10/30/2015	Oral Care for the Reduction of Hs-CRP in Children: A Randomized Controlled Trial
Tran, D	Ph.D.	UT-SOPH	6/1/2012	Assessing Periodontitis in Populations: A Systematic Review of the Validity of Partial Mouth Examination Protocols
Richards, Latoya	Ph.D.	UMMC	3/10/06	Physiological responses of LNCaP prostate cancer cells to EGCG, TQ and TA alone and in combination upon utilization of the drug delivery system.
Tina Martin	Ph.D.	UMMC	4/5/05	Effect of SH-SY5Y neuroblastoma cells exposed to L-dopa alone and in combination with thymoquinone and/or acetylcholine utilizing sustained and conventional drug delivery.
Daniel Melissa	Ph.D.	UMMC	4/12/05	The effects of estrogen, progesterone, and cortisol with and without challenging antioxidants on the viability and proliferation of

## Charles F. Streckfus, Curriculum Vitae

				SW756, Hela and ECT 1/E6E7 cells in culture.
Baynes, Mark	Ph.D.	Louisiana Baptist Univ.	7/30/96	A study to improve emotional health and relationship skills for the caregivers of technologically dependent children at home.
<b>Masters Degree</b>				
Maria Messing	MS	UT Dental	8/8/2016	Investigating potential correlations between endodontic pathology and cardiovascular diseases using epidemiological and genetic approaches
Chris Claus	MS	UT Dental	8/17/10	Characterization of Immune Regulatory and Inflammatory Cells in Human Periapical Lesions.
Duncan, James	MS	UT Dental	4/29/09	Efficacy of Novel Material Used as a Canal sealer.
Langworthy, Kristina	MS	UT Dental	6/4/09	The relationship between salivary flow rate & growth factor concentrations and obesity among children.
Cregger, Ryan	MS	UT Dental	6/1/08	The relationship between salivary flow rate & cytokines concentrations and obesity among children.
Livingston, Mark	MS	UMMC	4/25/05	Failure Rates of Implants Placed in Irradiated Bone: A Meta-Analysis
Richards, Latoya	MS	UMMC	6/1/04	Physiological responses of LNCaP prostate cancer cells to EGCG, TQ and TA alone and in combination upon utilization of the drug delivery system (Preliminary studies).
Dellinger, Tracy	MS	UMMC	4/1/00	The use of saliva for the detection of ovarian cancer.
Baynes, Mark	MS	Louisiana Baptist	1/6/05	A study of healthy coping mechanisms for the

## Charles F. Streckfus, Curriculum Vitae

		Univ.		caregivers of technologically dependent children at home.
<b>Students</b>				
Copeland, Lynn	Ph.D.	UMMC	2005	Needed to complete comps and dissertation. Went in to private practice.
Gina Fonfara-	Ph.D.	UMMC	2005	Needed to complete comps and dissertation. Went to dental school.
Farley, Kristin	Ph.D.	UMMC	2005	In her second year.
Naurato Nicholas	MS	UMMC	2005	Needed to complete thesis. Went to periodontics program.
Selvidge, Marshall	MS	UMMC	2005	Needed to complete thesis.
Heitzman, Casey	MS	UMMC	2005	Needed to complete thesis.

### Teaching responsibilities: (current and past)

#### Pre-doctoral Lectures and Courses UT- Dental Branch

##### Current

- DENF – 1543 Clinical Applications I (Fall 2012) 24 clock hrs.
- DENF – 1511 Oral Biology I (Fall 2012) 9 clock hrs.
- DENF – 1510 Biomedical Sciences Core (Spring 2012) 20 clock hrs.
- DENF – 1513 Human Biology (Fall 2013) 15 clock hrs.
- DENF – 1544 Clinical Applications II (Spring 2013) 24 clock hrs.

##### Past

- DENF –2563 Integrated Biological Sciences II (Summer 2013) 24 clock hrs.
- DENF – PBL 4310 (Summer 2012) 24 clock hrs.
- DENU – 1707: Integrated Oral Sciences, Salivary Gland Function and Diagnostics, 15hrs. **Course Director, lecturer since 2006.**
- DENU – 1707: Integrated Oral Sciences, Salivary Gland Function, 2hrs.
- DENU – 1707: Integrated Oral Sciences, Salivary Diagnostics, 2hrs.
- CLIN 3015: Examination, Diagnosis, & treatment Planning Clinic – 5+ hrs/wk in Fall 2006.

#### Postdoctoral Lectures and Courses UT- Dental Branch

- DBPG – 0110: Development, Structure & Function of Oral Tissues – 1-2 hrs. 2005-present

## Charles F. Streckfus, Curriculum Vitae

DBPG – 1116: Advance Basic Sciences II **Director** (Fall) 16 hrs.

### Postdoctoral Lectures and Courses UT- Dental Branch

N Dissertation N7600 101 – Dissertation 50 hrs.

### Pre-doctoral Lectures and Courses UMMC, School of Dentistry

Course 665: Aging (**Course Coordinator**), Diagnostic Sciences Dept., 27hrs.

Course 606-1: Oral Lesions: Saliva Lecture, Diagnostic Sciences Dept., 1hr

Course 602: Physiology, Physiology of saliva, Physiology Dept., 1hr

Course 602: Physiology (lab), Physiology Dept., 1hr

Course 616-2: Dental Caries II: Saliva and root caries, Restorative Dept., 1hr

Course 601: MicroAnatomy, Anatomy Dept., Histology Salivary Glands, 4hrs

Course 601: MicroAnatomy, Anatomy Dept., Histology of Muscle, 4hrs

Course 601: MicroAnatomy, Anatomy Dept., Histology of Blood, 4hrs

Dental Student Work Study Research Program, Office of Research, 3 months.

DH-405-2: Compromised Patient in Dental Hygiene Practice (1995-1997), 45hrs

### Postdoctoral Lectures and Courses UMMC, School of Dentistry

Director of Graduate Program, School of Dentistry

CDR #6/704: Writing for Funding (**Course Coordinator**), 3hrs

CDR #6/705: Laboratory Methodology (**Course Coordinator**), 3hrs

CDR #6/707: Clinical Trials (**Course Coordinator**), 3hrs

CDR #6/713: Advances in Salivary Research (**Course Coordinator**), 3hrs

CDR #6/714: Recent Advances in Aging (**Course Coordinator**), 3hrs

CDR #6/718: Thesis/Dissertation (**Course Coordinator**), 3hrs

CDR #718 Directed Research (**Course Coordinator**), 3hrs

CDR #740 Statistical Methods I (**Course Coordinator**), 3hrs

CDR #741 Statistical Methods II (**Course Coordinator**), 3hrs

CDR #718 Directed Research (**Course Coordinator**), 3hrs

CDR #717 Seminar (**Course Coordinator**), 1hr

CDR #700 Ethics (**Course Coordinator**), 3hrs

CDR #745 Research Protocol & Grant Writing (**Course Coordinator**), 3hrs

### Residency Programs

AEGD/GPR: Salivary Function in Health & Disease, 3hrs

AEGD/GPR: Sjögren's Syndrome, AEGD/GPR, 3hrs

### Minority Mentoring Programs

Project UT – TORCH (2003 – 2005)

## Charles F. Streckfus, Curriculum Vitae

Base Pairs Program (1998 – 2005)

MARC Program (1998 – 2005)

### National Institutes of Craniofacial & Dental Research

College Senior Student Minority Mentoring Program (1991-1993), 3 months  
(Giovanni Adams)

### University of Maryland School of Dentistry

DCJS 558: Clerkship I: Geriatric Externship Program (1988-1989), 19hrs  
**(Received Commendation from Dean Concerning Merits of Program)**

OHCD 528: Community Dentistry Practice Simulation Clinic (1978 -1981), 6hrs

### Grant support: (current and past)

#### ***B.1 Current Support***

##### Foundations

Can a “Simulated Nursing Home” module improve confidence in clinical skills for dental students? Patel SA, Halpin R, Neumann A, Franklin D, Barros JA, **Streckfus CF**, Spears R. The University of Texas Kenneth I. Shine, M.D., Academy of Health Science Education (“Academy”) Award, September, 2016, \$5,000.

Evaluating the effectiveness of UTSD curriculum content on tobacco dependence education via assessment of the knowledge, attitudes and implementation of tobacco smoking cessation interventions among dental and dental hygiene students. Nwizu N, Patrounova V, Halpin R, Manon V, **Streckfus CF**. UTSOD Dean’s Award, September, 2016, \$5,000.

The correlation between a hands-on pretest exercise and student achievement in preclinical courses. Gonzales, M, Koeppen R, Streckfus CF. UTSOD Dean’s Award, September, 2016, \$5,000.

##### Corporate Institutions

None

##### Government

None

##### Pending Support

## Charles F. Streckfus, Curriculum Vitae

None

### Past Grantsmanship

#### **Foundations**

Mucosal Dysbiosis is a Risk Factor for Sjögren Syndrome. Biology Inflammation Center, Sjogrens Syndrome Foundation through the Baylor College of Medicine, May 2013, \$25,000.

Matin S, Klein J, **Streckfus C**. The Advisory Board of The Mike Hogg Fund is pleased to inform you that it has approved an award in the amount of \$17,920 in support of "The Use of Stimulated Whole Saliva as a Diagnostic Test for the Detection of Renal Cell Carcinoma".

Meininger, Janet C Miles, L, Streckfus CF. Oral Care for the Reduction of Hs-CRP and Adiponectin in Children: A Randomized Controlled Trial, STTI Zeta Pi Chapter, 3/6/2013, \$3000.

Agency: Gillson-Longenbaugh Foundation

Investigator: **Streckfus, CF**.

Title: Use of Saliva Markers for Breast Cancer Treatment Response & Recurrence

Amount: \$65,000. 9/1/07-8/30/08

Agency: Avon Foundation

Investigator: **Streckfus CF**, Dubinsky WP.

Title: Salivary biomarkers for breast cancer detection.

Amount: \$260,000/2 yrs.

Agency: Susan G. Komen Foundation

Investigator: **Streckfus CF**, Dubinsky WP.

Title: Salivary biomarkers for breast cancer detection.

Amount: \$381,000/2 yrs.

Agency: University of Texas Health Science Center

Investigator: **Streckfus CF**, Dubinsky W. The Clinical Validation of Salivary

Breast Title: Cancer Biomarkers in Preparation for use on a [nano-bio-chip based](#) platform for cancer detection. 2007, Biotechnology/Biomedical Engineering Seed Grant

Amount: \$44,824

#### **Government**

Agency: NIDCR/NIH - PAR-00-116 DE-02-002



## Charles F. Streckfus, Curriculum Vitae

Ruth L. Kirschstein National Research Service Award to Kristin Fairley through Project TORCH.

Investigators: PI: D'Souza R, UTHSC; **Streckfus, CF** Subcontractor for UMMC site

Title: National Research Service Award Institutional Research Training Grants  
Amount: \$22,154/yr for two years

Agency: Mississippi Functional Genomics Network

Investigators: Kaelbling M (Genetic PI), **Streckfus C F** (Clinical PI).

Title: Expression of cancer-related genes in Multiple Myeloma.

Amount: \$30,000.

Agency: NCI/NIH - NCI5U10CA26385-27

Investigators: Thigpen, JT; **Streckfus CF (consultant)**

Title: SouthWest Oncology Group

Amount: \$unknown

SBIR Agency: NIDCR/NIH

Investigators: **Streckfus CF** (Clinical PI), Repka M (Pharmaceutical PI)

Title: Anti-fungal Denture Adhesive Film for Oral Candidiasis"

Amount: \$2,000/patient

Agency: NIDR/OD/NIH 1 R55 DE/OD12414-01

Investigator: **Streckfus CF**

Title: Saliva as a diagnostic fluid for the detection of breast cancer in women.

Amount: \$65,000 (9/97-9/99)

Agency: Veteran Affairs

Investigators: Holder R, **Streckfus CF**

Title: Post Doctoral Fellowship in Dental Research

Amount: \$154,163 (7/97-6/99)

Agency: NIDR/NIH DE11210-02

Investigators: Johnson RB; **Streckfus CF**

Title: The effects of ovariectomy on the periodontium.

Amount: \$67,988 (10/94-9/97)

Agency: University of Mississippi Medical Center Biomedical Res Award  
UMMC#59903

Investigators: **Streckfus CF**

Title: An Exploratory Study Investigating the Use of Stimulated Whole Saliva as an Adjunct Diagnostic fluid for the Detection of Breast Cancer in Women. **Note: Results from this study enabled me to obtain the NIH Shannon Award.**

Amount: \$10,000 (1/97-12/97)

## Charles F. Streckfus, Curriculum Vitae

Agency: University of Mississippi Medical Center SOD#92017CFS Investigators:  
**Streckfus CF**

Title: An Exploratory Study Investigating the Use of Stimulated Whole Saliva as  
an Adjunct Diagnostic fluid for the Detection of Breast Cancer  
Amount: \$2,000 (7/95-6/96)

Agency: Robert Wood Johnson Foundation Grant through the Municipal Health  
Services Program of Baltimore City

Investigators: **Streckfus CF**

Title: Community Health Services for the Elderly  
Amount: \$2,000,000/yr (5/81-6/91)

Agency: NIH HE2618-C (WGE) and NIH Contract PH-43-67-1467 WGE

Investigators: Esmond WG, Streckfus CF (Biomedical Engineer)

Title: The design and construction of an artificial dialysis kidney.  
Amount: Unknown (1968-1971)

### Private Industry

Agency: Oral Health Products, Inc. - POH#51522

Investigators: Copeland L, **Streckfus CF**

Title: A comparison of three types of dental floss: nylon unwaxed, waxed nylon,  
and expanded polytetrafluoroethylene floss.  
Amount: \$16,000 (04/01-9/01)

Agency: Medic, Corporation - MC57131

Investigators: **Streckfus CF**, Bigler L

Title: Development and implementation of a rapid, cost-effective means to use  
saliva for the detection of breast cancer in women and recurrence of cancer in  
high-risk breast cancer patients.  
Amount: \$250,000 (8/99 - 1/03)

Agency: Access Pharmaceuticals - AP-C9E03

Investigators: Curran A, **Streckfus CF**

Title: A phase2/3 investigator blind, randomized, parallel-group study to  
determine the effects of Amalexanox Disc, 2mg, on the healing of recurrent  
apthous ulcers as compared with vehicle disc or no treatment.  
Amount: \$27,000 (11/98 -11/00)

Agency: American Cancer Society Institutional Research Grant Student Stipend  
Award - ACS #51301

Investigators: Achord A (Student); **Streckfus CF**

Title: The use of saliva for the detection of ovarian cancer in women  
Amount: \$16,000 (7/99 - 7/00)

## Charles F. Streckfus, Curriculum Vitae

Agency: Investigators: Parsell D (Jr Faculty): **Streckfus CF**  
Title: Prostate cancer diagnostics utilizing saliva and expressed prostatic secretions.  
Amount: \$5,000 (9/98 - 10/99)

Agency: Veldona Corp. - 96-HU-SS-06  
Investigators: **Streckfus CF**  
Title: The effects of Interferon Alpha on salivary function in Individuals suffering from Sjögren's Syndrome: Phase III open label clinical study.  
Amount: \$18,000 (11/98 -11/99)

Agency: American Cancer Society Institutional Research Grant Junior Faculty Development Award  
Investigators: Bigler L (Jr Faculty); **Streckfus CF**  
Title: The use of saliva for early detection of recurrence in high-risk cancer patients.  
Amount: \$10,000 (9/98 -10/99)

Agency: Veldona Corp - 96-HU-SS-05A  
Investigators: **Streckfus CF**  
Title: The effects of Interferon Alpha on salivary function in Individuals suffering from Sjögren's Syndrome: Phase III clinical study. Private Industry  
Amount: \$18,000 (11/98 -11/99)

Agency: Celgene Corp - 11-003-97UM  
Investigators: Mosca N, **Streckfus CF**  
Title: A double-blind dose comparison trial of thalidomide of recurrent or refractory Aphthous stomatitis in HIV-infected patients.  
Amount: \$25,000 (1/98 -12/98 )

Agency: Veldona Corp - 96-HU-SS-03  
Investigators: **Streckfus CF**  
Title: The effects of interferon alpha on salivary function in individuals suffering from Sjögren's Syndrome: A phase ii clinical trial.  
Amount: \$26,000 (11/96 -11/97)

Agency: 96-HU-SS-04 (Investigators: **Streckfus CF**)  
Veldona Corp \$16,450  
Title: Cytokine concentrations in serum, stimulated whole and parotid in patients receiving IFN symptomatic treatment of Sjögren's Syndrome  
Amount: \$16,000 (11/96 -11/97)

Agency: Veldona, Corp. – 97-HU-HI-16  
Investigators: **Streckfus CF**  
Title: The effects of oral interferon in saliva secretion of HIV infected patients  
Amount: \$7,500 (10/97-10/98)

## Charles F. Streckfus, Curriculum Vitae

Agency: MGI Pharmaceutical - MGI 647.83

Investigators: Holder R, **Streckfus CF**

Title: The effects of pilocarpine on salivary function in individuals undergoing head and neck radiation therapy for oral cancer

Amount: \$25,000 (12/96-12/98)

Agency: U.S. Biomaterial Corp.

Investigators: Parsell D, **Streckfus CF**

Title: Subtraction radiography and the histological evaluation of implanted bioglasses from sol-gel and melt derived processing routes.

Amount: \$16,000 (4/97 to 4/98)

Agency: Henry J Kaiser Foundation

Investigators: Saunders E, Kong W, Jenkins P, **Streckfus CF** (Research/Dental Consultant)

Title: Project Lean

Amount: \$unknown (1/90 – 6/91)

Agency: Merck, Sharp, and Dome Corp

Investigators: Saunders E, Jenkins P, **Streckfus CF** (Research/Dental Consultant)

Title: Comparison of the efficacy and tolerability of lisinopril and sustained released verapamil in mild to moderate uncomplicated essential hypertension in older patients.

Amount: \$unknown (3/89 – 3/90)

Agency: Marion Laboratories

Investigators: Saunders E, Jenkins P, **Streckfus CF** (Research/Dental Consultant)

Title: The safety and efficacy of cardizem in black hypertensives.

Amount: \$unknown (2/90 – 7/90)

### Presentations

#### a: Conference, symposia, or workshop organizer

**Streckfus CF.** Altered Salivary Proteins Profiles among Cervical Carcinoma Patients. 2017 IADR/AADR/CADR Conference, San Francisco, CA, March 24, 2017.

**Streckfus CF.** Altered Salivary Proteins Profiles among Cervical Carcinoma Patients. 2017 IADR/AADR/CADR Conference, San Francisco, CA, March 24, 2017.

## Charles F. Streckfus, Curriculum Vitae

**Streckfus CF.** Presence of breast related proteins in saliva. International Cancer Study & Therapy Conference, Baltimore, MD, February 20-22, 2017. (invited)

**Streckfus CF,** Romaguera J, Streckfus CG. Salivary protein profiles for determining the efficacy of mantel cell lymphoma therapy. International Cancer Study & Therapy Conference, Baltimore, MD, April 4-6, 2016. (**Keynote Speaker**)

**Streckfus C.** Salivary proteome: an *in vivo* model to study breast cancer progression. First Annual North America Saliva Symposium, Tufts University, Boston, MA, October 25, 2014.

**Streckfus C.** The oral manifestations of systemic lupus erythematosus. Lupus Foundation of America, Texas Gulf Coast Chapter, Houston, TX. February 25, 2015.

**Streckfus C.** Salivary protein alterations secondary to disease. Baylor College of Medicine, June 16, 2014.

**Streckfus CF.** Salivary proteome as an *in vivo* model to study breast cancer progression. Proceedings of SPIE, Baltimore, Md, May 5, 2014. (**Invited**).

Deborah R. Franklin, DDS, MA, LPC; Leslie B. Roeder, DDS, MS; Gena D. Tribble, PhD; Arthur H. Jeske, DMD, PhD; Cameron B. Jeter, PhD; John C. McMahon, PhD; Ted D. Pate, PhD; Raymond K. Simmons, DDS, DMSc;

**Charles Streckfus, DDS;** John A. Valenza, DDS. "Involve me and I learn:" Integrating Basic Science and Clinical Education, ADEA, Monday March 17, 3/17/2014, 12:10-12:30 PM Educational Programs: Workshops/Seminars/Small Group Discussion

**Streckfus CF** Romaguera J, Streckfus CG. The Use of Salivary Protein Secretions as an *In Vivo* Model to Study Mantel Cell Lymphoma Progression and Treatment. March 18-22, 2014, Charlotte, N.C.

**Streckfus C.** Sjögren's syndrome: Understanding the concepts in its evaluation, systemic treatment and treatment management of its oral manifestations. Greater Houston Dental Society Star of the South Program, March 27, 2014, Houston, Tx.

**Streckfus C.** Dental/Oral Manifestations of Sjögren's Syndrome. Sjögren's syndrome conference at Baylor College of Medicine, Lee and Joe Jamail Specialty Care Center, October 26, 2013.

**Streckfus CF.** Salivary proteome as an *in vivo* model to study breast cancer progression (Her2/neu). Proceedings of SPIE, Baltimore, Md, April 29, 2013. (**Invited**).

## Charles F. Streckfus, Curriculum Vitae

**Streckfus C.** Salivary proteome as an *in vivo* model to study breast cancer progression [abstract]. Proceedings of the 104th Annual Meeting of the American Association for Cancer Research; 2013 Apr 6-10; Washington, DC. Philadelphia (PA): AACR; 2013. Abstract nr 5232.

**Streckfus C.** Salivary Diagnostics Greater New York Dental Meeting, November 25, 2012. **(Invited)**.

**Streckfus C.** Salivary Diagnostics Greater New York Dental Meeting, November 26, 2012. Conference Section Chairman by Invitation

**Streckfus CF.** Aging and Salivary Cytokine Concentrations as Predictors of Whole Saliva Flow Rates. In symposium:Changes in Saliva Composition with Age, AADR Washington D.C. 3/5/10, **(Invited)**.

**Streckfus C.** Salivary Diagnostics as it Relates to Ductal Breast Cancer Greater Houston Partnership Membership Tour, The Brown Foundation Institute of Molecular Medicine for the Prevention of Human Diseases, Nov. 12, 2008, Houston Texas.

**Streckfus C.** Salivary Diagnostics as it Relates to Ductal Breast Cancer Greater Houston Partnership Annual Meeting luncheon, The Brown Foundation Institute of Molecular Medicine for the Prevention of Human Diseases, Jan. 8th, 2008, Houston Texas.

**Streckfus, CF.** Salivary Diagnostics: A new solution for an old problem – breast cancer detection. Proceedings of SPIE Vol. 7306 (SPIE, Bellingham, WA 2009) 730608.

Keynote Speaker. National Junior Honor Society Address, Victory Lake Intermediate School, League City, Texas, March 24, 2009.

**Streckfus CF.** Salivary Markers for the detection of breast cancer. Research in Progress Seminar Lecture, Series, UTMB Cancer Center, Galvestin, TX, May 26<sup>th</sup>, 2009.

**Streckfus CF.** Salivary Diagnostics: Are we just spitting in the wind? Texas Career Education Conference, July 15, 2009, Westin Galleria - Houston, TX

**Streckfus C.** Salivary Markers for Disorders of Oral and Systemic Bone. Orthodontic Seminar. March 11, 2009

**Streckfus CF.** Group program Chair, Diagnostic Science Group, IADR/AADR/CADR, 2003-2005.

## Charles F. Streckfus, Curriculum Vitae

**Streckfus CF.** Chairman, Salivary: composition/physiology/pathology. 80<sup>th</sup> Conference IADR/AADR/CADR, 2002.

**Streckfus CF.** Chairman, Salivary function and aging. 71<sup>st</sup> Conference IADR, 1993.

### **b: Invited presentations at other universities and at professional meetings, conferences and workshops**

**Streckfus CF.** Presence of breast related proteins in saliva. International Cancer Study & Therapy Conference, Baltimore, MD, February 20-22, 2017

**Streckfus CF,** Romaguera J, Streckfus CG. Salivary protein profiles for determining the efficacy of mantel cell lymphoma therapy. International Cancer Study & Therapy Conference, Baltimore, MD, April 4-6, 2016. (**Keynote Speaker**)

**Streckfus C.** Salivary proteome: an in vivo model to study breast cancer progression. First Annual North America Saliva Symposium, Tufts University, Boston, MA, October 25, 2014.

**Streckfus C.** The oral manifestations of systemic lupus erythematosus. Lupus Foundation of America, Texas Gulf Coast Chapter, Houston, TX. February 25, 2015.

**Streckfus C.** A Comparison of Salivary Protein Profiles between Her2/neu Receptor Positive and Negative Breast Cancer Patients: Support for Using Salivary Protein Profiles for Modeling Cancer Progression. Research Seminar Series, University of Texas School of Nursing-Houston, October 4, 2012. (**Invited**).

**Streckfus C.** Dental/Oral Manifestations of Sjögren's Syndrome. Sjögren's syndrome conference at Baylor College of Medicine, Lee and Joe Jamail Specialty Care Center, October 26, 2012. (**Invited**).

**Streckfus C.** Saliva as a Diagnostic Media. Summer Medical and Dental Education Program, June 12, 2008

**Streckfus C.** The role of saliva for diagnosing systemic diseases. The Star of the South Dental Meeting, San Antonio, TX, May 1, 2008.

**Streckfus C.** Salivary Protein Profile Alterations Secondary to Breast Cancer. Texas Therapeutics Institute, The Brown Institute of Molecular Medicine for the Prevention of Molecular Disease, Houston, TX, April 30, 2008

## Charles F. Streckfus, Curriculum Vitae

**Streckfus C.** Salivary Diagnostics. Department of Biochemistry and Cell Biology, Rice University, Houston, TX, April 26, 2008

**Streckfus C.** The role of saliva for diagnosing systemic diseases. Leaders Of Tomorrow – Dinner With the Doctors, River Oaks Country Club, Houston TX, April 23, 2008.

**Streckfus C.** Saliva as a Diagnostic Media. Meeting of the ADA Council on Scientific Affairs, April 22, 2008.

**Streckfus C.** Saliva as a Diagnostic Media. Executive Council at UTHSC for Governmental Relations, March 6, 2008, UTHSC, Houston

**Streckfus C.** Detection of Breast Cancer Using Saliva – **Keynote Address**, AADR, Dallas, Tx., April 4, 2008.

**Streckfus C.** Saliva as a method to detect breast cancer. Invitation to be a Guest Speaker - Avon Walk-A-Thon, Avon Walk for Breast Cancer Houston Exposition, Houston Tx, 2/16/08.

**Streckfus C.** New Developments in Diagnosis and Therapy of Salivary Dysfunction, (Panel speaker and Moderator) The Second International Congress on Salivary Gland Diseases, Pittsburgh, PA, October 19, 2007.

**Streckfus C.** Salivary Protein Profile Alterations Secondary to Breast Cancer. UTHSC Press release, Houston, TX, January 8th, 2008.

**Streckfus C,** Dubinsky W. Salivary Protein Profile Alterations Secondary to Breast Cancer, UH Office of Research, Research Day, New Pathways To Discovery - Leaders In Innovation, Friday, October 19, 2007, Institute of Molecular Medicine. \* Dubinsky presented in my absence.

**Streckfus C.** Salivary Diagnostics: Are we just spitting in the Wind? Ov SPORE Investigator's Scientific Meetings, Ov SPORE Investigator's Scientific Meetings, The University of Texas M.D. Anderson Cancer Center, September 21, 2007.

**Streckfus CF.** Salivary proteomics for cancer detection. SouthWest Oncology Group. Guest Speaker, Salt Lake City, Utah, April 23, 2006.

**Streckfus CF.** How can we prepare dental and dental hygiene students to practice in the 21<sup>st</sup> century? Presented at the University of Minnesota School of Dentistry, September 22, 2004. (By Invitation).

**Streckfus CF.** Guest Speaker for the American Cancer Society Madison Relay for Health in Liberty Park, Madison, MS, April 30, 2004.



## Charles F. Streckfus, Curriculum Vitae

**Streckfus CF.** The Use of Soluble, Salivary c-erbB-2 For The Detection And Postoperative Follow-Up Of Breast Cancer In Women. 82<sup>nd</sup> General Session & Exhibition of the IADR/AADR/CADR, Honolulu, March 10-13, 2004.

**Streckfus CF.** Cytokines as treatments for Sjögren's syndrome. Experts Meeting Sponsored by Genteric, Inc, Oakland Ca, March 27, 2003.

**Streckfus CF.** The use of soluble, salivary c-erbB-2 for the detection and postoperative follow-up of breast cancer in women: a five-year study. Third National Congress of Mastology. Mexico City, Mexico, May, 2, 2002.

**Streckfus CF,** Bigler LG, Copeland L. The reliability of soluble c-erbB-2 concentrations in saliva of healthy women and men. 6th International Symposium on Predictive Oncology & Intervention Strategies, Pasteur Institute, Paris France, February, 9-12, 2002.

**Streckfus CF,** Bigler LG. The use of soluble, salivary c-erbB-2 for the detection and postoperative follow-up of breast cancer in women: a five-year study. 6th International Symposium on Predictive Oncology & Intervention Strategies, Pasteur Institute, Paris France, February, 9-12, 2002.

**Streckfus CF,** The Use of Saliva as a Diagnostic Fluid for the Detection of Breast Cancer, Oregon Health Sciences University, Portland, OR, June 27, 2001.

**Streckfus CF, Invited Panelist,** "New Dental Scientists - Future Leaders of Research and Education", ADEA/AADR, Chicago, IL, March 6, 2001.

**Streckfus CF, Invited Panelist,** "Frontiers of Biomedical Research and Student Training", Tougaloo College, Tougaloo, Mississippi, February, 10, 2001.

**Streckfus CF,** Bigler L, Thigpen JT. The use of salivary c-erbB-2 as a diagnostic marker for the detection of breast cancer. 6<sup>th</sup> World Congress on Advances in Oncology and 4<sup>th</sup> International Symposium on Molecular Medicine, to be presented in Crete, Greece, October 18-20, 2001.

**Streckfus CF,** Bigler L, Thigpen JT. The use of salivary c-erbB-2 as a diagnostic marker for the detection of breast cancer. Royal Academy of Medicine, to be presented in London, England, August, 2001.

**Streckfus CF. Keynote Speaker,** Dental research for the next millennium. Geriatric Society of America, San Francisco, Nov 21-23, 1999.

**Streckfus CF,** Bigler L, Dellinger T, Thigpen JT. The Presence of c-erbB-2, and CA 15-3 in saliva among women. Medical College of Wisconsin, December, 1999.

## Charles F. Streckfus, Curriculum Vitae

**Streckfus CF**, Bigler L, Dellinger T, Thigpen JT. The usefulness of saliva as a diagnostic fluid: A panel discussion. Geriatric Society of America, Nov 21-23, 1999.

**Streckfus CF**. Research opportunities in the field of dentistry. MARC &Tougaloo Colloquium Program, Tougaloo College, Tougaloo, MS, September 21, 1999.

**Streckfus CF**, Bigler L, Dellinger T, Thigpen JT. The Presence of *c-erbB-2*, and CA 15-3 in Saliva among women with benign and malignant breast tumors. Workshop on "Development of New Technologies for Saliva and Other Oral-based Diagnostics." NIDCR/NIH, September 12-14, 1999, Airlie House, Virginia.

**Streckfus CF**, Bigler L, Thigpen JT. The presence of *c-erbB-2* in saliva. Task Force on Design and Analysis. Newark, NJ, May, 1999.

**Streckfus CF**, Bigler L. The use of saliva as a diagnostic fluid for the detection of breast cancer in women. NIGR/NIH. The Johns Hopkins University Triad Research Bldg, Baltimore, Md., December 22, 1998.

**Streckfus CF**. The use of saliva as a diagnostic fluid for the detection of breast cancer. Geriatric Society of America, Nov 17-19, 1997.

**Streckfus CF**. The use of saliva as a diagnostic fluid for the detection of breast cancer. SouthWest Oncology Group, Annual Meeting, Seattle, WA., Oct.18-20, 1997.

Kleinman D, **Streckfus CF**. Oral Mucosal Lesions. Baltimore City Dental Society, Feb. 15, 1995.

**Streckfus CF**. The oral cavity and aging. New York Academy of Medicine, New York, May 28th, 1994.

**Streckfus CF**. Antihypertension medications and salivary function. Clinical Staff Conference, Sinai Hospital, Baltimore, Md November 22, 1993

**Streckfus CF**. The Baltimore Longitudinal Study of Aging: a study of oral physiology and aging issues in oral health research. Seminar Series, NIDR/NIH, Bethesda, Md, Oct 29, 1993.

**Streckfus CF**. Digital subtraction radiography in dentistry: a proposal. Johns Hopkins University Bone Society, GRC/NIA/NIH, Baltimore, Md, Feb 1993

**Streckfus CF**. New technologies in the study of oral physiology and aging. NIA/NIH, Bethesda, Md, October 1992

## Charles F. Streckfus, Curriculum Vitae

**Streckfus CF.** Issues in reducing fats in the black community, "Project Lean." Invited by Henry J Kaiser Foundation and the Stanford Center for Research, Stanford University School of Medicine, Palo Alto, Calif, Feb 1-3,1991

### c: Service as a Panelist or Discussant At Professional Meetings

Consensus Panel Member, Sjögren's Syndrome Foundation Guidelines for Oral Aspects of Sjögren's Syndrome. SSF Clinical Practice Guidelines – Consensus panel for Caries Prevention. 2/20/2014 – Present.

### d: Table Clinic Presentations

Table Clinic: Ngoc (Nancy) Tran – drug induced xerostomia.  
Table Clinic: Courtney B. Anton – Saliva as a diagnostic fluid.

**(I never Kept track of them in the past)**

### e: Continuing Education Courses Presented

**Streckfus C.** Sjögren's syndrome: Understanding the concepts in its evaluation, systemic treatment and treatment management of its oral manifestations. Greater Houston Dental Society Star of the South Program, March 27, 2014, Houston, Tx. (CE 3 Hr.)

**Streckfus C.** Salivary Diagnostics Greater New York Dental Meeting, November 25, 2012.

**Streckfus C.** Salivary Diagnostics Greater New York Dental Meeting, November 26, 2012. Conference Section Chairman by Invitation

**Streckfus C.** Use of saliva for Breast cancer Detection., Ninth District Dental Society. Webster, TX, May 10, 2011.

**Streckfus C.** Salivary Diagnostics. Star of the South GHDS, February 3, 2011, Houston, TX (CE 3 Hr.). ©Produced by Convention Media, Inc.

**Streckfus C.** Salivary Gland Function and the Aging Patient. Star of the South GHDS, February 3, 2011, Houston, TX (CE 1 Hr.). ©Produced by Convention Media, Inc.

**Streckfus C.** Topics in translational research: salivary diagnostics. August 30, 2010 UT Medical School MSB B.605. Houston, TX, 8/30/10.

**Streckfus C.** Salivary Diagnostics: Austin Country Club, Austin, Texas, 8/17/10.

## Charles F. Streckfus, Curriculum Vitae

**Streckfus C.** The history of salivary diagnostics. Greater Houston Dental Society, Houston, TX, 9/24/09. (1CEU)

**Streckfus C.** Salivary Diagnostics: A new solution for an old problem – breast cancer detection. Baytown Dental Study Club, La Porte, Texas, 9/22/09. (1 CEU)

**Streckfus C.** Salivary Gland Function. Star of the South Dental Meeting, Houston, Texas, April 16<sup>th</sup>, 2009. (3 CEU) ©Produced by Convention Media, Inc.

**Streckfus C.** Salivary Diagnostics: A new solution for an old problem – breast cancer detection. Star of the South Dental Meeting, Houston, Texas, April 16<sup>th</sup>, 2009. (3 CEU), ©Produced by Convention Media, Inc.

**Streckfus C.** Assessing Salivary Gland Flow Rates for the general practitioner. Star of the South Dental Meeting, Houston, Texas, April 16<sup>th</sup>, 2009. (1 CEU), ©Produced by Convention Media, Inc.

**Streckfus C.** Saliva Testing for Cancer Detection. Texas Dental Association, San Antonio, Texas, May 8<sup>th</sup>, 2009. (2 CEU) Produced by Convention Media, Inc.

**Streckfus CF.** Salivary Diagnostics. Texas ADA Dental Hygiene Association, Dallas TX, August 9, 2007.

**Streckfus CF.** Salivary Diagnostics: Are we just spitting in the wind? M.D. Anderson Cancer Center, Department of OB/GYN Oncology, Houston, TX , September 21, 2007.

**Streckfus CF.** Salivary Diagnostics for the detection of breast cancer. Greater Houston Dental Hygienists' Society, Houston, TX October 9, 2007.

**Streckfus CF.** Salivary Diagnostics: Are we just spitting in the wind? UTDB Alumni Association, Houston, TX , November 8, 2007.

**Streckfus C.** The role of saliva for diagnosing diseases. The Star of the South Dental Meeting, Houston, TX, April 13, 2007.

**Streckfus CF.** Presentation of Research 8/25/05 @ Department Meeting

**Streckfus CF.** The identification of cancer related biomarkers in Saliva. UT Dental Branch Research Committee Houston Chapter AADR, October 7, 2005.

**Streckfus CF.** The epidemiology of Caries and Hyposalivation Saliva. UT Dental Branch, Continuing Education for Dental Assistants, August 1, 2006.

**Streckfus CF.** Caries, Salivary function and the Oral Condition. December 12, 2005, National Dental Association Meeting, Houston, TX.

## Charles F. Streckfus, Curriculum Vitae

**Streckfus CF.** Alveolar Bone Loss, Alveolar Bone Density, Second Metacarpal Bone Density, Salivary and Gingival Crevicular Fluid IL-6, IL-8 Concentrations in Premenopausal and Postmenopausal Healthy Women. Department Of Orthodontics Research Seminars, 2/22/06.

**Streckfus CF.** The diagnosis and management of xerostomia. Laport, Tx, Texas ADA, 3/28/06.

**(I never Kept track of them in the past)**

### f: Other Presentations

**Streckfus CF.** Saliva Testing For Breast Cancer Detection: A Translational Research Study San Antonio District Dental Society, October 5, 2010 San Antonio, TX.

**Streckfus CF.** Salivary Markers for Breast Cancer Secondary to HER2/*neu* Status : A Preliminary Study. Western Society of Teachers of Oral Pathology, October 15, 2010, Galveston, TX.

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