

# *CURRICULUM VITAE*

## **LAWRENCE GETTLEMAN, B.A., D.M.D., M.S.D.**

**DATE of BIRTH:** 1940, Atlantic City, New Jersey

**UPDATED:** July 2008

**MARITAL STATUS:** Married: August 11, 1963 Erica (Ricky) Sobel  
Children: Jacquelyn G. Samolsky (1967); Michael (1969) Grandchildren: 5

**HOME ADDRESS:** 1461 South Fourth Street  
Louisville, Kentucky 40208-2118  
(502) 634-1461 (Telephone), (502) 636-7667 (Telefax)

<b>OFFICE ADDRESS:</b>	<u>Mailing Address</u>	<u>Street Address</u>
	School of Dentistry University of Louisville Louisville, KY 40292-0001 (502) 852-1185 - (Telephone) (502) 852-5401 - (Faculty Practice & Appointments)	School of Dentistry, University of Louisville 501 South Preston Street Louisville, KY 40202-1701 (502) 852-1220 - (Telefax) (502) 727-7244 - (Cell)

**INTERNET:** [gettleman@louisville.edu](mailto:gettleman@louisville.edu)      [www.louisville.edu/dental/bbs/larry.htm](http://www.louisville.edu/dental/bbs/larry.htm)

**ACADEMIC POSITION:** **Professor of Prosthodontics & Biomaterials**  
**Department of Diagnostic Sciences, Prosthodontics, & Restorative Dentistry**  
**University of Louisville, School of Dentistry**

**CORPORATE POSITION:** President, LouisianA Research & Development, Inc. (LARD)  
c/o Alan Emerman, CPA, 1812 Clearview Parkway  
Metairie, Louisiana 70001, (504) 455-1643

**EDUCATION: High School:** **Miami Beach Senior High School**, Miami Beach, Florida, 1954-58

**College:** **Rutgers College**, College of Arts & Sciences, New Brunswick, New Jersey, 1958- 62.  
**Bachelor of Arts**, June 6, 1962 (Psychology). Advisor: Prof. John Krauskopf

**Professional:** **Harvard School of Dental Medicine**, Boston, Massachusetts, 1962-66.  
**Doctor of Dental Medicine**, June 17, 1966. Advisor: Prof. Rune Söremark

**Postdoctoral:** **St. Louis University, School of Dentistry**, Department of Crown and Bridge Prosthodontics, St. Louis, Missouri, 1966-68; **Master of Science in Dentistry** degree in Crown and Bridge, February 2, 1969 (N.I.D.R. Research Training Grant). Board-Eligible in Prosthodontics. Advisor: Prof. James D. Harrison

**Postgraduate Education:** **University of Missouri at Rolla**, Graduate Engineering Center, St. Louis.  
Behavior of Metallic Materials, Prof. Anton deS. Brasunas, 1967-68

**Washington University**, St. Louis, Sever Institute of Technology; Applied Polymer Science, Prof. Anthony T. DiBenedetto, 1968  
**Massachusetts Institute of Technology**, Cambridge, Massachusetts; Nonmetallic Materials, Prof. Donald R. Uhlmann, 1972  
**National Association of Corrosion Engineers**, New Orleans, Louisiana; Basic Corrosion Course, Prof. Anton deS. Brasunas, 1981

**MILITARY SERVICE:****United States Public Health Service**

Staff Dentist (LCDR, O-4), Commissioned April 24, 1968. Senior Assistant Dental Surgeon, Service No. 31129. Division of Dental Health, BEMT, NIH, Dental Health Center, Materials and Technology Branch, Physical Testing Laboratory, San Francisco, California 1968-70. USPHS Contract Project Officer. Chief: Dr. Gunnar Ryge. Presently in inactive reserve status.

**DENTAL LICENSURE:**

Commonwealth of Massachusetts, No. 10386, 1966

State of Florida, No. 4094, 1966 \*

State of Missouri, No. 10891, 1968

State of Louisiana, No. 3229, 1978

\* Current Commonwealth of Kentucky, No. 6424, 1990 \*

**PRIVATE PRACTICE:**

1. Harvard Group Dental Practice

Harvard School of Dental Medicine, 1971-75

2. 180 Beacon Street

Boston, Massachusetts; 1975-76

3. Intramural Dental Practice

LSU School of Dentistry, 1976-80

**Limited to Prosthodontics &****Restorative Dentistry**

4. 4300 Houma Boulevard

Metairie, Louisiana, 70006. 1980-87

5. 2825 Houma Boulevard

Metairie, Louisiana, 70006. 1987-89

6. Faculty Private Practice

University of Louisville, 1990-present

**ACADEMIC APPOINTMENTS:**

(# Full-time appointments)

Guest Lecturer, University of California, School of Dentistry, San Francisco, 1969-70, and Guest Lecturer, University of the Pacific, School of Dentistry, San Francisco, 1969-70

# **Instructor in Prosthetic Dentistry, Harvard School of Dental Medicine, Boston, 1971-72**

# **Assistant Professor of Prosthetic Dentistry, Harvard School of Dental Medicine, Boston, Massachusetts, 1972-76**

Research Affiliate, Massachusetts Institute of Technology, Department of Materials Science and Engineering, Cambridge, Massachusetts, 1972-76

Affiliated Scientist, New England Regional Primate Research Center, Southborough, Massachusetts, 1973-76

Lecturer, Boston University School of Graduate Dentistry, Boston, Massachusetts, 1976-78

# **Associate Professor and Head, Department of Biomaterials, Louisiana State University School of Dentistry, New Orleans, Louisiana, 1976-80. Associate Clinical Professor, 1980. Tenured September 1, 1978**

**Senior Staff Associate, Polymer Department, Gulf South Research Institute, Lake Pontchartrain Laboratories, New Orleans, 1980-1988 (60% time)**

Adjunct Associate Professor, Adjunct Professor, Department of Biomedical Engineering, School of Engineering, Tulane University, New Orleans, Louisiana, 1977-94

Adjunct Professor, Department of Biological Materials, Northwestern University Dental School, Chicago, Illinois, 1981-87

Adjunct Assistant Professor, Department of Orthopaedics, Tulane Medical School, New Orleans, Louisiana, 1982-93

Adjunct Professor, Department of Mechanical Engineering, College of Engineering, University of New Orleans, New Orleans, Louisiana, 1987-94

# **Professor of Prosthodontics & Biomaterials, School of Dentistry, University of Louisville, Louisville, Kentucky, 1990-present. Tenured, January 1, 1990. Satisfactory post-tenure review, June 2001, June 2006.**

Graduate School Faculty, University of Louisville, 1990-**present**

Associate, Department of Chemical Engineering, Speed School of Engineering, University of Louisville, Louisville, Kentucky, 1992-**present**

Faculty Member, James Graham Brown Cancer Center, University of Louisville, Louisville, Kentucky 2001-**present**

OUTCOMES RESEARCH<sup>®</sup> Institute, General Member, University of Louisville, Louisville, Kentucky 2003-**present**

Adjunct Professor, Department of Restorative Dentistry and Biomaterials, University of Texas, Dental Branch, Houston, Texas 2005-**present**. Senior Scientist, Houston Biomaterials Research Center.

**ADMINISTRATIVE and TEACHING RESPONSIBILITIES: (\* Course Director)**

**Harvard School of Dental Medicine**

Admissions Committee	United Way Chair
Clinical Activities Committee	Safety Committee
Associate Chair, Alumni-Faculty Campaign	TEAM Grant
Prosthetics Lab & Clinic Supply Supervisor	Dental Materials, 1971-76*
Tooth Implant-Transplant Research Unit	Fixed Prosthodontics, 1971-76
Group Dental Practice	Removable Prosthodontics, 1971-76

**Forsyth Dental Center**

Dental Materials Course for Dental Hygienists, 1972-76

**Louisiana State University, School of Dentistry**

Clinic Committee	Originator, Great Moments in Biomaterials Lecture Series
<i>Ad Hoc</i> Casting Committee	
<i>Ad Hoc</i> Committee on Radiopaque Resins	Conjoint Dental Materials Science for Freshman Dental Students*
Faculty Council	
Research and Grants Committee	Dental Materials Science for Dental Hygienists
Animal Care Committee	Dental Materials Science for Dental Assistants
Intramural Dental Practice Advisory Committee	Dental Materials Science for Dental Laboratory Technicians*
Subcommittee on Disability Insurance	Oral Implants Elective Course

Advanced Fabrication Procedures for Cast  
Gold Restorations Elective  
Dental Materials Science for

Postdoctoral Prosthodontic Students  
Advanced Dental Materials Science Elective  
Course\*

**Jefferson Community & Technical College**

Allied Dental Technology, Adult Personnel Training Programs Advisory Council, 1996-98

**University of Louisville, School of Dentistry**

Research Committee, 1990-95, 2001-2006  
Faculty Assembly; Research Committee, 1991-95  
Biomaterials for Prosthodontists (**PROS 0683-950-01, -02**),  
1991-2, 1993-4, 1995-6, 1998-9, 2000-1\*  
Student Research Group Advisor, 1991-2001  
Acting Associate Dean for Research, 1991-92  
Senior Selective Course in Biomaterials,  
1992, 1995, 1996\*  
Lecturer, Advanced Concepts in Dentistry  
I & II, 1993, 1994, 1995  
Laser Education Committee, 1993-2004  
Continuing Education Committee, 1993-96  
Promotions, Appointments, and Tenure  
Committee, 1993-95  
Faculty Personnel Committee, 1995-96  
Co director, Scientific Method in Dentistry  
(**IDSC 0619-800-02**), freshman dental students 1995-96\*  
Environmental Control Committee, 1994-96  
Southern Association of Colleges and Schools,  
Institutional Self-Study Committee on Organi-  
zation, Administration, and Corporate Entities.  
Subcommittees on Institutional Advancement,  
and on Governing Board, 1995-97  
Clinic Operations & Patient Care Committee 1997-00  
Informatics Committee, 1997-01  
Dental Materials Science (**IDSC 0601-88-02**), freshman  
dental students, 1997\*  
Simulation Clinic Committee, 1998  
Senator, UofL Faculty Senate,  
(dental school delegate) 1994-2006  
Faculty Grievance Committee 1999- 2005.  
Committee on Libraries, 2005- **present**  
*Ad Hoc* Private Practice Plan Committee, 2005-06

Oral Biology Seminar (**OBIO 0635-606-01**), oral  
biology students 1999-2000\*, 2005-**07**  
Advanced  
Implantology.....postdoctoral  
students 2000-**2007**  
Advanced Education in General Dentistry,  
mentor, 2000, 2002-3  
United Way Committee, 2000-02  
Biological Sciences Review course, 2003-4  
Fund for the Arts Unit Representative,  
2003-2006  
Southern Association of Colleges and  
Schools, Committee on Library and  
Other Learning Resources, 2005-2007  
Faculty Assembly Executive Committee,  
2005-06  
Correlated Sciences (**SUHD 800-01**) freshman  
dental students 2005-**2007**  
Preview to Dentistry, pre dental students  
(**BIOL 390-01**) 2005-2006  
Introduction to Fundamentals of  
Biomedical Sciences; Summer Medical  
& Dental Education Program (**PHZB 215**)  
2006  
Dental School Volunteer Captain, 2006-  
07  
Medical Education Research Team,  
2006-**present**  
Research Self-Study Accreditation  
Committee, 2007-**08**  
Committee for the Review of Individual  
Financial Interests in Research, 2008-**11**

**TRAINING, PROFESSIONAL ORGANIZATIONS, COMMITTEES, and OFFICES:**

Music & Band Camp, University of Miami, Coral Gables, FL, summers 1953, 1955

Science & Math Camp, Florida State University, Tallahassee, FL, summer 1957

Rutgers Alumni Association

American Dental Association, 1963-**present**. **Life member.**

California Dental Association, 1968-70; San Francisco Dental Society, 1968-70

Massachusetts Dental Assoc., 1971-76; Metropolitan District Dental Society, 1971-76  
Louisiana Dental Association, 1977-89;  
New Orleans Dental Association, 1977-89; Delegate to the Louisiana Dental Association, 1982-89; New Orleans Dental Conference Committee, 1982-1984; Honor Dentist Committee, 1988-89; Chair, Peer Review Committee, 1989  
Kentucky Dental Association, 1990-**present**;  
Louisville Dental Society, 1990-**present**; Science Fair Committee chair, 1991-**present**; Community Service Committee, 1993-95. Representative to the Louisville Water Company's Customer Advisory Council, 2002-**present**; Community Service & Dental Health Committee, 2007-**present**  
International Association for Dental Research, 1966-**present**;  
American Association for Dental Research, 1966-**present**. Cohort, National Affairs Committee, 1979-**present**; Exhibits Committee, 1991-94; Fellowships Committee, 2007-**2010**.  
Boston Section 1971-76, President, 1976-77;  
New Orleans Section, 1976-90, President, 1979-80; Alternate Councilor, 1981-84, 1985-89;  
Louisville Section, 1990-**present**. President, 1991-2000; Student Research Group advisor, 1990-2001; Councilor, 2000-**present**.  
Dental Materials Group, I.A.D.R., 1967-**present**  
Wilmer Souder Award Committee, 1971-72; Chair, Speaker's Bureau Committee, 1973-74; Chair, Membership Committee, 1976-79; Chair, Local Arrangements Committee, 1978-79, 1981-82; Chair, Public Relations Committee, 1981-82; Constitution and Bylaws Committee, 1982-85, Chair, 1984. Abstract Review Committees 2001, 2005-07. Treasurer, DMGC-A, 2001-05. DMGC-A Terminal President, 2005-06. Interim Advisory Board, **2008-9**. Membership Chair, 2008-**09**  
Prosthodontics Research Group, I.A.D.R., 1974-**present**. Director, 1980-84  
Implantology Research Group, I.A.D.R., 1984-2004  
Harvard Dental Alumni Association, 1966-**present**. Class of '66 Agent, 1971-72, 1981-88, 1995-97, 2006  
American Society for Metals, 1968-74  
American Society for Materials International, 1995-98  
American Society for Testing and Materials, 1968-75  
Committee F4 on Medical & Surgical Materials and Devices, 1972-76  
American Association for the Advancement of Science, 1968-72  
American Dental Education Association (formerly AADS), 1971-2003, 2005-**present**  
Biomaterials Section, Secretary 1997-98, Chair-Elect 1998-99, Chair 1999-2000;  
Fixed Prosthodontics Section; Dental Laboratory Technology Section; Removable Prosthodontics Section. Representative to Accredited Standards Committee MD156, 1983-88, 1991-93. Career Development for Faculty Leaders Summer Program, 1997  
Greater Boston Dental Society, 1972-76  
Harvard Odontological Society, 1972-2001  
American College of Prosthodontists, Member, 1972-**present**  
Committee on Color and Color Matching, 1973-78, Local Arrangements Committee, 1977, Research Committee, 1980-82, 1984-1986,. Prosthodontic Nomenclature Committee, 1984-87. President, Kentucky Chapter, 1997-98. Representative to ADA Standards Committee on Dental Products, 2000-**present**.  
Northeastern Prosthodontics Society (I.R. Hardy Prosthetic Conference), 1972-76  
Federation of Prosthodontic Organizations, 1972-86, 1990-94  
Academy of General Dentistry, 1974-80, **Fellow**, 1980

Society for Biomaterials, Charter Member, 1974-**present**

Finance Committee, Chair 1977-78, 1981-83; Liaison Committee, 1980-81; Membership Committee, 1980-83; Standards Committee, 1981-83; Publications Committee, Chair, 1983-84; Long-Range Planning Committee, 1986-1988; Nominating Committee, 1988-1989

Harvard Dental Alumni-Faculty Campaign, Associate Chair, Second Century Fund, 1976-1983

American Academy for Plastics Research in Dentistry, 1982-83

Academy of Dental Materials, 1983-**present**

**Fellow**, 1983, Student Awards Committee, 1983-87; Incorporation Committee, 1984; By-Laws Committee, 1983-87; President-Elect, 1983-84; President, 1985-1987; Editorial Board, *Dental Materials*, 1987-91; Program Co-Chair, "International Conference on Oral Metallic Interactions: The Measurement and Consequences of Tarnish and Corrosion of Dental Materials", Callaway Gardens, Georgia, Oct.18-20, 1984; Program Chair, "Color in Dentistry"; "Abrasion and Wear"; Northwestern University, Chicago, 1985; Program Co-Chair, "Materials Research in Maxillofacial Prosthetics," Ritz-Carlton Hotel, Chicago, Feb. 14, 1992

Greater New Orleans Science and Engineering Fair, Board of Directors, Region IX of Louisiana, 1983-96; Vice President, 1986-89; President, 1989-1990

Comité Scientifique, Colloque European, *Corrosion et Degradation des Biomateriaux et Leurs Incidences Cliniques*, Strasbourg, 1983-84

Louisiana Science Centre, 1984-89. Advisory Council, 1986-89

Alpha Omega International Dental Fraternity, 1985-**present**

Louisiana Chapter, Secretary-Treasurer, 1985-1988; Louisville Chapter, 1990-**present**, vice president, 1993-94; president, 1994-95; Phi Chapter student advisor, 1996-**present**

Sigma Xi, The Scientific Research Society, 1986-**present**. Committee on Meetings, 2005-2007

New Orleans Chapter 1986-90.

Louisville Chapter 1990-**present**. Festival of Science for Girl Scouts, 1995, 1998; President-elect & Program Chair, 1996-97; President, 1997-98; Treasurer, 1998-**present**.

American College of Dentists, 1989-**present**, **Fellow**, 1989

Friends of the Kornhauser Health Sciences Library, University of Louisville, 1991-**present**. Board of Directors 1996-**present**. President 1999-2000, 2003-4

Southeastern Academy of Prosthodontics, 1991-2001

U.S. Metric Association, 1993-97, 2003-**present**

American Association of University Professors, 1995-**present**

Materials Research Society, 1993

Academy of Laser Dentistry (Associate Member) 1998

American Academy of Maxillofacial Prosthetics, **Associate Fellow**, 2001-**present**. Materials & Devices Committee 2002-**present**

Society for Clinical Trials, 2004-**present**

Academy for Sports Dentistry, 2008-**present**

## CONTRIBUTOR TO:

*Oral Research Abstracts*: Abstractor for the *Journal of Biomedical Materials Research*, 1970-78.

Task Group of the Commission on Dental Materials, Instruments, Equipment and Therapeutics, Federation Dentaire International, for the Revision of ISO Recommendation RI562, Dental Casting Gold Alloy.

ADA Standards Committee on Dental Products (formerly Accredited Standards Committee MD156 for Dental Materials, Instruments and Equipment); Specification Working Groups for: Alloy for Dental Amalgam, ANSI/ADA Spec. No. 1 and No. 6 for Dental Mercury (WG 1.2), 2003,

Direct Filling Resins, ANSI/ADA Spec. No. 27, 1969-76. Casting Alloys, ANSI/ADA Spec. No. 5, (WG2.13) 1970-**present**. Porcelain and Metal-Ceramic Systems, ANSI/ADA Spec. No. 38 (WG2.20), 1973-**present**. Non-Aqueous Impression Materials, ANSI/ADA Spec. No. 19 (WG2.10), 1975-**present**. Dental Implants, ANSI/ADA Spec. No. 40 and Biological Aspects of Implants (WG8.46), 1980-**present**. Impression Materials (WG2.10), Dental Impression Compound, Spec. No. 3, 1977-**present**. Rigid Dental Impression Paste, ANSI/ADA Spec. No. 16, 1979-**present**. Artificial Teeth, Crown and Bridge Resin ANSI/ADA Spec. Nos. 15, 45, and 53 (WG2.11) 1981-**present**. Tarnish-Corrosion (WG2.21), 1976-**present**. Biological Evaluation, ANSI/ADA Document No. 41 (JWG 1), 1987-**present**. Denture Base Resin and Resilient Liners, ANSI/ADA Spec. No. 75 (WG2.15), 1987-**present**. Barrier Products for Infection Control, ANSI/ADA Spec. No. 76, 1988-2000. Magnets and Keepers for Intraoral Retainers for Prosthetic Restorations, Chair, 1991-98. (WG8.48) Content of a Technical File, 2000-**present**. ANSI/ADA Spec. No. 33 on Terminology (WG8.50), 1993-**present**. Subcommittee 9, WG-5, Dental Dam, 1996-2000. Spec. 7 & 32, Wires in Dentistry, 1996-2000. Endodontic posts (WG1.6), 2003-05. Athletic mouth protectors (WG2.12), 1998-**present**, Wear Test Methods (WG2.23), 2003-**present**, *Ad hoc* task force on labeling & traceability, 2003-**present**. *Ad hoc* committee on disinfection & sterilization of dental products, 2004-**present**. Amalgam waste recycling, (WG 1.59), 2005-**present**, Dental amalgam capsules ANSI/ADA Spec. No. 106 (WG-106) 2004-05. Electrically Powered Dental Amalgamators ANSI/ADA Spec. No. 43, (WG 6.34), 2003-05. Proposed ANSI/ADA Spec. No. 104 for Extraoral Maxillofacial Prosthetic Elastomers (WG 2.16 on Extraoral Maxillofacial Prosthetic Elastomers), Chair, 2006-**present**.

Representative of the American Association of Dental Schools, 1983-88, 1991-93

Representative of the American College of Prosthodontists, 1998-**present**

Editorial Board, *Dental Materials*, 1983-91

Editorial Board, *Journal of Biomedical Materials Research - Applied Biomaterials*, 1992-**present**

Editorial Board, *Journal of Dental Technology*, 1996-99

Consultant to the ADA Joint Commission on National Dental Examinations

Test Question Committees in Operative Dentistry, 1976-80; Denturists (State of Maine) 1978; Prosthodontics, 1981; Dental Materials, 1976-80

Participant, Health Professionals Follow-Up Study, Harvard School of Public Health, 1986-**present**

Clinical Evaluator, Clinical Research Associates, Provo, Utah, 1980-1987

Southern Biomedical Engineering Conference, Steering Committee, 1981- 2000

Expert Testimony, Technical Advisory Service for Attorneys, Ft. Washington, Pennsylvania, 1984-**present**

Health Professionals Follow-Up Study, Harvard School of Public Health, 1986-**present**

Expert Testimony, Medical Quality Foundation, Herndon, Virginia, 1989-**present**

Expert Testimony, Medically Dedicated Inc., Herndon, Virginia, 1990-**present**

Consultant, SBIR Study Section to the National Inst. of Child Health & Human Development, NIH, 1995

Expert Testimony, FDA Dental Device Panel, Mentholatum Company, 1996-97

Special Emphasis Panels, Oral Medicine and Biology SBIR/STTR and regular Study Sections to the Center for Scientific Review, National Institutes of Health, National Institute of Dental & Craniofacial Research, 1998; 1999; March 2000 (chair); July 2000; July 2001; October 2001 (chair); July 2002 (chair); August 2003; May 2005; June 2006; October 2006 (chair); April 2007; December 2007; June 2008; July 2008

Editorial Board, *Dental Materials Journal* (Japan), 2001-**present**

U.S. Public Health Service, Dental Professional Advisory Committee (DePAC), *ex officio*, 2002-**present**.  
Member, Career Development Subcommittee; Recruitment/Retention/Appointments Workgroup, 2004-**present**; Co-editor of *Dental Recruitment Newsletter* 2007-**present**  
Editorial Board, *Journal of Prosthodontics: Implant, Esthetic and Reconstructive Dentistry*, 2003-**present**  
Member, American Dental Association Clinical Evaluator (ACE) Panel, *ADA Professional Product Report*, 2005-**present**  
Editorial Board, *Journal of Dental Research*, 2006-**2008**  
Editorial Board, *The Open Dentistry Journal*, Bentham Science Publishers, 2007-**present**  
Reviewer, *Journal of Dentistry*, 2006-**present**  
Editorial Board, *International Journal of Oral Science*, 2008-**present**

### **SPECIAL HONORS AND AWARDS:**

Eagle Scout, March 1953  
National Science Fair, Flint, Michigan, 1958. Fourth Place in Physical Sciences  
Soma Weiss Award Competition, Harvard Medical School, 1966  
Dr. Grace Milliken Award in Research, Harvard School of Dental Medicine, 1966  
American College of Dentists, Institute of Advanced Education in Dentistry, *Pharmacology and Toxicology in Dental Systems*, 1971. John Autian, Mentor  
Listed in *Who's Who in Health Care*, 1st edition, 1978  
Listed in *American Men and Women of Science*, 14th edition, 1979  
**Fellow**, Academy of General Dentistry, 1980  
Listed in *Directory of Biomedical Engineers*  
Listed in *Who's Who in Science and Engineering*, 1<sup>st</sup> through 6<sup>th</sup> editions (1978-2002)  
**Fellow**, Academy of Dental Materials, 1983  
Listed in *Men of Achievement*, 10th edition, 1983  
Listed in *Who's Who in Louisiana*, 1983  
Listed in *Personalities of America*, 3rd edition, 1984; 4th edition, 1985  
*Cal* Magazine, For Dentists Only Photo Contest, Second Place, color, 1985  
**Fellow**, American College of Dentists, 1989  
Listed in *Who's Who in the South and Southwest*, 23<sup>rd</sup>, 24<sup>th</sup> & 25<sup>th</sup> editions, 1993-97  
Listed in *Dictionary of International Biography*, 1993, 1994, 1995  
Listed in *Who Will Be Who in the 21<sup>st</sup> Century*, 1993, 1995  
Distinguished Service Award (with Ricky), University Club, Louisville, KY, 1998  
Listed in *Who's Who in Polymers and Plastics*, 1999  
Listed in *Who's Who of Professionals*, 2000  
Listed in *Who's Who in Executives and Business*, 2000  
Listed in *Outstanding People of the 20<sup>th</sup> Century*, 2<sup>nd</sup> edition, 2000  
Listed in *Strathmore's Who's Who*, 2003-04  
Listed in *America's Registry of Outstanding Professionals*, 2005-07  
Listed in *Who's Who in Medicine and Healthcare*, 4<sup>th</sup> edition, 2002-03, 6<sup>th</sup> edition, 2006-07  
Listed in *Who's Who in America*, 58<sup>th</sup>, 59<sup>th</sup> & 61<sup>st</sup> editions, 2004-07  
Listed in *Who's Who in American Education*, 6<sup>th</sup> edition, 2004-05  
Listed in Academic Key's *Who's Who in Dental Sciences Education*, 2005  
Nominated for Provost's Award in Exemplary Advising, University of Louisville, 2005  
Forum Fellow, *The Courier-Journal*, editorial board contributor, Louisville, Kentucky, 2005

Golden Apple Award for Excellence in Science Fair Program Support and Promotion, by the American Dental Association on behalf of the Louisville Dental Society, 2005  
 Faculty Favorite Award, A Celebration of Teaching and Learning. University of Louisville, 2005  
*The Courier-Journal*, Advisory Panel, Louisville, Kentucky, 2005-**present**  
 Louisville Dental Society, Community Service Award, 2007  
 Listed in *Cambridge Who's Who*, 2007-8, 2008-9

### **PATENTS AWARDED:**

- U.S. Patent No. 4,432,730, *Soft and Firm Denture Liner for a Composite Denture and Method for Fabricating*. L. Gettleman, C.L. Farris, H.R. Rawls, and R.J. LeBoeuf, Jr., awarded February 21, 1984. Assigned to Gulf South Research Institute, Baton Rouge, Louisiana. Eighteen claims
- U.S. Patent No. 4,543,379, *Soft and Firm Denture Liner for a Composite Denture and Method for Fabricating*. L. Gettleman, C.L. Farris, H.R. Rawls, and R.J. LeBoeuf, Jr., awarded September 24, 1985. Assigned to Gulf South Research Institute, Baton Rouge, Louisiana. Nine claims
- U.S. Patent No. 4,661,065, *Soft Denture Liner*. L. Gettleman and P.H. Gebert, awarded April 28, 1987. Assigned to Gulf South Research Institute, Baton Rouge, Louisiana. Thirty-eight claims. Patent protection in Australia, Brazil, Canada, European Patent Office (Belgium, France, Germany, Italy, Sweden, Switzerland, United Kingdom) & Japan.

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- U.S. Copyright No. TX 1-464-730, *Permanent Soft Denture Liner Study*, Nov. 16, 1984. Questionnaires first published July 1, 1984

### **GRADUATE DEGREE or CERTIFICATE SPONSOR: (\* Preceptor, \*\*Reader):**

1. Steve R. Wright, *Corrosion and Casting Behavior of CuNiMn Alloys*, **Master of Science**, Metallurgy, Duke University, 1976
2. David K.Y. Tay, *The Measurement of In Vivo Corrosion and Tarnish*, **Master of Science**, Biological Materials, Northwestern University, Evan H. Greener, Preceptor, 1984
- 3.\* Ramaswami Selvaraj, *Dynamic Mechanical Analysis of Polyphosphazenes*, **Master of Science**, Speed Scientific School, Chemical Engineering, UofL, 1992
4. Philip C. Fitzpatrick, III, *In Vivo Corrosion Studies of Dental Alloys*, **Master in Biomedical Engineering**, Biomedical Engineering, Tulane University, 1992
- 5.\* David Y. Chang, *Shear Bond Strength and Enamel Alteration After Repeated Bonding and Debonding of Orthodontic Brackets - In Vitro Study*, **Master of Science in Oral Biology**, Orthodontics, UofL, 1993
6. Arturo Flores, *Skin Reactions to Dental Alloys*, **Master in Biomedical Engineering**, Tulane University, 1993
- 7.\* John L. Shuler, *Torsional Force Variability of Braided Rectangular Stainless Steel Wire*, **Master of Science in Oral Biology**, Orthodontics, UofL, 1993
8. Farzad Shaygan, *Retention of Resilient Denture Liners in Implant-Supported Overdentures after Multiple Insertions*, **Master of Science in Oral Biology**, Prosthodontics, UofL, 1993
- 9.\* Stacey A. Marx, *Synthesis and Thermomechanical Analysis of Polyphosphazene Fluoroalkoxy Elastomers*, **Master in Engineering**, Speed Scientific School, Chemical Engineering, UofL, 1994
- 10.\* Kathleen A. Salius, *Maxillofacial Extraoral Silicone Prostheses Adhesion Using a Protective Skin Dressing*, **Master of Science in Oral Biology**, Prosthodontics, UofL, 1994

11. Jody Koford, *Comparison of Load Deflection Rates of NiTi Springs*. Orthodontics, UofL, 1996
- 12.\* Martin A. Segal, *Soft Denture Liners in Xerostomic Patients*, **Master of Science in Oral Biology**, Prosthodontics, UofL, 1996
- 13.\* Kirby Nelson, *Shear Bond Strengths of Lingual Buttons on Unerupted Enamel After 3 Rinses*. Orthodontics, UofL, 1997
- 14.\* Nancy Faller-Shackleton, *A Comparison of Bond Strengths Using the Plasma Arc Curing System, the Visible Light Curing System and the Argon Laser Curing System*, **Master of Science in Oral Biology**, Orthodontics, UofL, 1997
- 15.\* Barbara Reed, *A Comparison of Frictional Forces of Conventional Ligation and Self-Ligation Bracket Systems*, **Master of Science in Oral Biology**, Orthodontics, UofL, 1998
- 16.\* Amy L. David, ULSD '98, *The Effects of Disc Wear and Surface Polishing on the Flexure Strength of Vita Mark II Dental Porcelain Used with the Cerec CAD/CAM System*, **Master of Science in Oral Biology**, UofL, 1998
- 17.\* Jack T. Mayhew, ULSD '97, *Effect of Root Canal Sealers and Irrigation Agents on Retention of Preformed Posts Luted with a Resin Cement*, **Master of Science in Oral Biology**, Endodontics, UofL, 1999
- 18.\* Sudarat Kiat-amnuay, *Effect of Skin Preparation Agents on the Adhesion of Silicone Maxillofacial Prostheses*, **Master of Science in Oral Biology**, Prosthodontics, UofL, 1999
- 19.\*\*Hiromi Kitagawa, *Subjective Image Quality. A Comparison Between Three Storage Phosphor and Two Solid State Intraoral Imaging Systems*, **Master of Science in Oral Biology**, Radiology, UofL, Allan G. Farman, Preceptor, 2000
- 20.\* Karen Joan Thompson, *Surface Tempering of Dental Ceramics by Internal Heating Using Microwave Energy*, **Master in Engineering**, Speed Scientific School, Chemical Engineering, UofL, 2000
- 21.\* J. Eric Walden, ULSD '01, *Shear Bond Strength of Composite Resin and Bonding Agents to Dentin After Air-Abrasion Preparation*, **Master of Science in Oral Biology**, UofL, 2001.
- 22.\*\*S. Limrachtomorn, *Tuned-Aperture Computed Tomography (TACT™) Array Geometry and the Assessment of Mandibular Implant Positioning*, **Master of Science in Oral Biology**, UofL, Allan G. Farman, Preceptor, 2001.
- 23.\*\*Aravind Sampath, *Surface-Modified Polyurethanes: Oxidative Influences on Interfacial Properties*. **Master of Science in Biomaterials**, State University of New York at Buffalo, Robert M. Baier, Preceptor, 2002.
- 24.\* Brett Coleman, *Scratch Resistance of Resin-Reinforced Die Stone: A Six-Part Study*. **Master of Science in Oral Biology**, UofL, 2002.
- 25.\* David Schulte, *Annular Saw Prototype Development*. **Bachelor of Science**, Vanderbilt University, Biomedical Engineering, 2002.
- 26.\* Christopher D. Schulten, *A Comparison of Frictional Forces Over Time In A Human Between Self-Ligating and Conventional Brackets with Stainless Steel and Elastic Ligatures*. **Master of Science in Oral Biology**, UofL Orthodontics, 2002.
- 27.\*\*Ramya Ramamurthy, *Detection of Mesio-Buccal Canals in Maxillary Molars Using Parallax Analog and Digital Images*. **Master of Science in Oral Biology**, UofL, Allan G. Farman, preceptor, 2005.
- 28.\* Ben B. Alderdice, Jr. *Insertion and Removal of Maxillofacial Prostheses over Transcutaneous Implants*. . **Master of Science in Oral Biology**, UofL, pending 2006.
29. Sony Markose. *Effects of Formulation Variables on the Mechanical Response of Maxillofacial Prosthetic Materials under Static and Dynamic Deformation Conditions*. **Master of Science**, Medical and Dental University of New Jersey, New Jersey Dental School, 2007.

**APPROVED and/or FUNDED GRANTS AND CONTRACTS: (funded by NIH in bold)**

- Student Worker, Rutgers College, *Spatial and Temporal Thresholds in Color Vision*, **funded** 1961-1962. Sponsor: Prof. John Krauskopf
- Summer Fellow, Harvard School of Dental Medicine: *Use of the Oxygen Electrode In Vivo*, **funded** 1964. Sponsor: Prof. Paul Goldhaber
- Summer Fellow, Harvard School of Dental Medicine: *Fluoride Leaching from Porous Stainless Steels*, **funded** 1965. Sponsor: Prof. Rune Söremark
- Coinvestigator, Research Grant 13,690 to the Bureau of Health Services, USPHS from NIDR: *An Evaluation of Several Porcelain Fused to Metal Systems*, **funded** July 1970-June 1975.  
Joseph P. Moffa, Principal Investigator
- Principal Investigator, Research Grant R23 DE03690 to HSDM from NIDR: *Materials Testing of Polymer Replica Dental Implants*, \$75,000, **funded** Jan.1, 1973-Oct. 31, 1976
- Coinvestigator, Research Contract N01 DE32422 to HSDM, from NIDR: *Influence of Tooth Design on Implant Acceptability in Animals*, \$283,000, **funded** May 18, 1973-May 17, 1976.  
Leonard B. Shulman, Principal Investigator
- Coinvestigator, Research Grant R01 DE03755 to HSDM, from NIDR: *Vitreous Carbon Tooth-Root Implants*, \$123,000, **funded** June 1, 1973-May 31, 1976. Leonard B. Shulman, Principal Investigator
- Principal Investigator, Research Grant R01 DE03696 to HSDM, from NIDR: *Nonprecious Metal Substitutes for Dental Gold Alloys*, \$75,000, **funded** June 10, 1975-Oct. 31, 1976
- Recipient of Research Career Development Award, No. K01 DE00010 01A1 to HSDM, from NIDR: *Development of Improved Crown and Bridge Restorations*, \$105,000, **funded** July 1-Oct. 6, 1976
- Research Projects from LSUSD Research and Grants Committee, 1977: *Corrosion Fatigue of Dental Amalgam*. Phyllis A. Levine and Lisa A. Darmiento, MIT '78; *Fatigue Simulation of Dental Amalgam*, Jefferson D. Graham, LSUSD '81, **funded** from BRSB Grant No. 5 S01 RR05704
- Coinvestigator, Research Grant R01 DE05126 to LSUSD, from NIDR: *Creep and Corrosion of Dental Amalgams*, \$130,000, **funded** February 1, 1978-January 31, 1980. Nikhil Sarkar, Principal Investigator
- Research Projects from LSUSD Research and Grants Committee, 1978: *Measurement of Metal Tarnish Using a Tristimulus Colorimeter*, Corbin T. Amman, LSUSD 1981. *Rehardening of Stainless Steel Dental Instruments*, Eric A. Renz, Tulane 1979, **funded** from BRSB Grant No. 5 S01 RR05704
- Research Projects from LSUSD Research and Grants Committee, 1979: *Characterization of Dental Wear and Abrasion*, with H.R. Rawls. *Improved Seating and Cementation for Cast Dental Crowns*, W.T. Van Nortwick, Postdoctoral Student in Prosthodontics, **funded** from BRSB Grant No. 5 S01 RR05704
- Research Projects from LSUSD Research and Grants Committee, 1980: *The Relative Toxicity of ADA-Certified Polysulfide Rubber Impression Materials*, Thomas Spranley, LSUSD '83. *An In Vivo Study of Two-Body Wear and Abrasion of Selected Restorative Materials*, Ronald Curran, Postdoctoral Student in Pedodontics. *The Chloride Corrosion of Silver-Indium Dental Casting Alloys*, Gregory Irwin, Dental Lab Technology Student, **funded** from BRSB Grant No. 5 S01 RR05704
- Principal Investigator, Research Grant No. R01 DE05816 to LSU, from NIDR: *Measures of Tarnish, Corrosion, and Toxicity In Vivo*, approved June, 1980
- Principal Investigator, Research Grant No. R01 DE04814(01-03) to GSRI, from NIDR: *New Polymers for Permanent Soft Denture Liners*, Paul D. May, late Principal Investigator, **funded** March 1, 1980-February 28, 1983

- Coinvestigator, Research Grant No. R03 DE06330 to Northwestern University Dental School, from NIDR: *Study of In Vivo Tarnish and Corrosion*, \$50,000, **funded** July 1, 1982. Evan H. Greener and Lee M. Jameson, Co-principal Investigators
- Consultant, Research Grant No. R01 DE06179 from NIDR: *Radiopaque Restorative and Prosthetic Dental Resins*, \$170,000, **funded** April 1, 1983-March 30, 1986. SUNY at Syracuse and LSU School of Dentistry, Israel Cabasso and H. Ralph Rawls, CoPrincipal Investigators
- Principal Investigator, Research Grant No. R01 DE04814-(01-06) to GSRI, from NIDR: *Clinical Evaluation of PNF Permanent Soft Denture Liners*, \$420,000, **funded** July 1, 1983-June 30, 1987
- Principal Investigator, Research Grant No. R01 DE06409 (01-04) to GSRI, from NIDR: *Clinical Evaluation of CPE in Maxillofacial Prosthetics*, \$320,000, **funded** September 20, 1983-November 30, 1987. Continuation approved February, 1987, and February, 1988
- Travel Grant from NIDR to attend IADR meeting; Sydney, Australia, \$700, **funded**, 1983
- Principal Investigator, Research Grant No. R01 FD226 83 0042 to GSRI from Food and Drug Administration Orphan Products Development: *Clinical Evaluation of CPE in Maxillofacial Prostheses*, **funded** October, 1983
- Principal Investigator, Conference Grant No. R13 DE07039 to Academy of Dental Materials, from NIDR: *International Conference on Oral Metallic Interactions*, approved May, 1984
- Principal Investigator, Small Business Innovative Research Grant No. R23 DE08105(01) to GSRI, from NIDR: *Performance Confirmation of PNF Soft Denture Liners*, approved January, 1987
- Principal Investigator, Small Business Innovative Research award to GSRC from NCI, *Chlorinated Polyethylene for Breast Prostheses Matched to Patient Skin Color*, approved November 1987
- Travel Grant from the NIDR to attend 3rd World Biomaterials Congress, Kyoto, Japan, \$1200, **funded** April, 1988
- Co-principal Investigator, Research Grant No. R01 DE08222 to Tulane University, Biomedical Engineering Department, from NIDR: *Optimizing Corrosion Testing of Dental Alloys*, approved February, 1987, 1988, 1989 and 1990. Kirk J. Bundy, Principal Investigator, \$120,000 **funded** July 1, 1990 at Tulane University and University of Louisville
- Principal Investigator, Academic Research Enhancement Award, No. R15 DE09865 to University of Louisville from NIDR: *Polyphosphazene Polymers for Dental and Biomedical Application*, \$105,000, **funded** April 5, 1991
- Co-principal Investigator, Telecommunications Grant from University of Louisville Telecommunications Research Center, *Digital Radiology*, \$11,000 **funded** July 1, 1991. Allan G. Farman, Principal Investigator
- Co-principal Investigator, Conference Grant No. R13 DE09977 to University of Louisville and Academy of Dental Materials, from NIDR: *Materials Research in Maxillofacial Prosthetics*, approved May, 1991
- Principal Investigator, *Properties and Use of Dentatus Anchorage Posts*, from Weisman Technology (Dentatus) International, Inc., \$12,000, **funded** June, 1990, June 1992-**present**
- Co-investigator, Shared Instrumentation Grant No. S10 RR08226 to University of Louisville from National Center for Research Resources: *Anchored Cell Analysis and Sorting Cytometer*, approved February, 1993. Fred J. Roisen, Principal Investigator
- Principal Investigator, Research Grant No. R01 HD31427 to University of Louisville from National Institute of Child Health and Human Development: *Good Materials and Design of Limb Prosthetic Interfaces*, approved Sept. 1, 1993
- Research contract from Kuraray Co., Ltd, \$3000, **funded** 1994-97
- Preceptor of research fellowship for Dr. Martin A. Segal from The Procter & Gamble Company on complete denture prosthodontics, \$5000, **funded** 1994-97

- Research contract from The Hygenic Corporation, Reza Miremami, \$3700, **funded** 1996-97
- Research contract from Whip Mix Corporation, Brett Coleman, \$7500, 1997, 1998
- Principal Investigator, Intramural Research Incentive Grant-Project Completion Grant from the UofL  
Vice President for Research, *Effect of Adhesive Retention of Maxillofacial Prostheses. Part 1, 2, & 3*, with Sudarat Kiat-amnuay, \$4000, **funded** 1999-2002
- Preceptor for summer research for one to three dental students per year from the School of Dentistry's Research Committee, approx. \$2500 each, **funded** 1990-2001
- Principal Investigator, Competitive Enhancement Grant from the University of Louisville's Vice President for Research, *Multicenter Trial of CPE for Maxillofacial Prosthetics*, \$14,983, **funded** April 15, 2002 – April 14, 2003
- Principal Investigator and Study Chair cooperative agreement No. U01 DE014543 from the NIDCR: *Multicenter Trial of CPE for Maxillofacial Prosthetics*, \$2,902,479, **funded** August 21, 2003 – May 31, 2008
- Consultant, University of Texas Dental Branch project HSC-DB-04-028: *Color of Human Skin - Maxillofacial Prosthetics Application: A Pilot Study*, Sudarat Kiat-amnuay, Rade Paravina, John M. Powers, and F. Imai.

#### TABLE CLINIC PRESENTATIONS:

1. *Disposable Dispenser/Syringe for Elastic Impression Materials*. American Dental Association, Las Vegas, November, 1970. Yankee Dental Congress, Boston, January 1973
2. *Foreign Body Response to Injected Impression Materials*. Yankee Dental Congress, Boston, January, 1977. American Dental Association, Miami Beach, October 1977
3. *Measurement & Prediction of Tarnish and Corrosion*. Academy of General Dentistry Annual Meeting, June 26, 1979. LSU School of Dentistry, Faculty Retreat, October 28, 1979
4. *Recent Research in Permanent Soft Denture Liners*. New Orleans Dental Conference, September, 1981
5. *Permanent Soft Denture Liner Materials of Variable Consistency and Radiopacity*, New Orleans Dental Conference, September, 1982
6. *The GSRI-PNF Permanent Soft Denture Liner*, New Orleans Dental Conference, September 1983
7. *Permanent Soft Denture Liner of GSRI-PNF*, Chicago Dental Society Midwinter Meeting, February 17, 1986
8. *Full-Arch Resin-Bonded Splints*, Chicago Dental Society Midwinter Meeting, Feb. 22, 1988
9. *New Permanent Soft Denture Liner*, Chicago Dental Soc. Midwinter Meeting, Feb. 22, 1988
10. *Full-Arch Resin-Bonded Splints for the Immobilization of Teeth*, American Dental Association Meeting, Washington, October 8, 1988
11. *Permanent Resilient Denture Liner Made from Phosphazene Rubber*, American Dental Association Meeting, Washington, October 9, 1988
12. *Development of Novus, a Permanent Denture Liner*, American Dental Association meeting, Honolulu, November 5, 1989
13. *Development and Clinical Trials of Novus*, Chicago Dental Soc. Midwinter Meeting, Feb. 7, 1990
13. *Application of Digital (Filmless) Radiology for Three-Dimensional Display*, Chicago Dental Society Midwinter Meeting (with A. G. Farman), February 17, 1991
14. *Polyphosphazenes for Soft Denture Liners and Other Dental Uses*, American Dental Association Meeting, Seattle, October 5, 1991
15. *Three-Dimensional Digital RadioVisioGraphy*, American Dental Association Meeting, Seattle, October 6, 1991; Chicago Dental Association Meeting, 1992 (with A. G. Farman)
16. *Fireproof Denture Identification Strips*, Kentucky Dental Association, March 29, 1992
17. *Carriage House Construction*, Kentucky Dental Association, March 30, 1994

18. *Aerial Photography*, Kentucky Dental Association, April 2, 1995
19. *Plaster Anatomic Casts*, Kentucky Dental Association, April 13, 1996
20. *Shear Bond Strengths of Lingual Buttons of Unerupted Enamel after Three Rinses*, Kentucky Dental Association (with K. Nelson and F. Regenitter), April 5, 1997
21. *The Effect of Milling Disc Wear on the Strength of CAD/CAM Porcelain Inlays*, Academy of Operative Dentistry (with S.B. David and A.L. David), No. 36, February 20, 1998
22. *Photoelastic Stress Analysis of Posts Constructed of Noble and Base Metal Casting Alloys*, Kentucky Dental Association (with R. Hatfield), April 4, 1998
23. *Scratch- and Spall Resistance Tests for Gypsum Products*, Kentucky Dental Association (with B.R. Coleman and B. Knopf), April 4, 1998
24. *Effect of Surface Polishing on Fracture Resistance of Vita Porcelain for Cerec I CAD/CAM Restorations*, Kentucky Dental Association (with A. David), April 4, 1998
25. *Improving Scratch Resistance of Resin-Reinforced Die Stone*, Kentucky Dental Association (with B.R. Coleman and B. Knopf), April 10, 1999
26. *Protective Skin Dressing Effects on Adhesive Retention of Maxillofacial Prostheses*, Kentucky Dental Association (with S. Kiat-amnuay, Z. Khan, and L.J. Goldsmith), April 10, 1999
27. *Mouth Guard Prostheses and Symmetrical, Upper Body Muscle Force*, Kentucky Dental Association (with R. Miremami, K. Adams, R.L. Moore, L.J. Goldsmith, & P.M. Quesada) April 10, 1999
28. *Shear Bond Strength of Bonding Agents and Composite Resins to Air-Abraded Dentin*, Kentucky Dental Association (with J.E. Walden and F.M. Parkins), April 1, 2000
29. *Effect of Adhesive Retention of Maxillofacial Prostheses Over Time*, Kentucky Dental Association (with S. Kiat-amnuay, Z. Khan, and L.J. Goldstein), April 1, 2000
30. *Polydimethylsiloxane as a Barrier to Dental Staining and Bonding*, Kentucky Dental Association (with T.K. Taylor, and C.H. Drisko), April 1, 2000
31. *Enamel/Dentin Bonding of Self-Etch Primers after Er:YAG Laser Preparation*, Kentucky Dental Association (with J.E. Walden, C.H. Ziegler, and F.M. Parkins), April 2001
32. *Bond Strength to Human Enamel After Er:YAG Laser Preparation*, Kentucky Dental Association (with J.E. Walden and F.M. Parkins), April 2002
33. *Simulated Mastication and Friction of Stainless Steel and TMA Orthodontic Wires*, Kentucky Dental Association (with J.T. Philipose and B.E. Johnson), April 2002
34. *Dynamic Mechanical Analysis of Polyphosphazene Resilient Denture Liners*. Kentucky Dental Association (with J.C. Watters and R. Selvaraj), April 2003
35. *Design of Multicenter Phase III Clinical Trial for Maxillofacial Prosthetics*. Kentucky Dental Association (with S. Kiat-amnuay, D.A. Johnston, J.D. Anderson, and R.F. Jacob), April 3, 2004
36. *Effectiveness of 3 Different Obturation Methods in the Filling of a Simulated Lateral Defect*. R. Caicedo, R.W. Baker, L. Gettleman, S.J. Clark. Research Louisville! 2007
37. *Multicenter Trial of Chlorinated Polyethylene for Maxillofacial Prosthetics*. S. Kiat-amnuay, M. Chambers, R. Jacobs, D. Johnston, R. Sheppard, G. Haugh, and L. Gettleman. Kentucky Dental Association, 2008

#### **CONTINUING EDUCATION COURSES PRESENTED:**

- Dental Implants, Harvard School of Dental Medicine, May, 1974  
Dental Restorative Materials, Harvard School of Dental Medicine, October 1976  
Dental Restorative Materials, New York University, June 1977  
Dental Restorative Materials, Polk County Study Club, McComb, MS, 1983  
Dental Materials for the Technician, Louisiana Dental Laboratory Guild, Baton Rouge, 1984

- New Topics in Restorative Dentistry: Ceramics, Alloys, Polymers, Toxicity, Implants and Color. Foundation for the Study of Dental Materials, Faculty of Odontology, University of Buenos Aires, Argentina, August, 1986
- A Day with Prosthodontists. American College of Prosthodontists and Whip Mix Corporation, November 8, 1997 (convener)
- Dental Lasers: How and When to Use Them. Commonwealth Dental Network Continuing Education Course, Category I and II and Category III Review (contributing lecturer), June & Dec. 1993, April 1994, Feb. & Oct. 1995, April 1996, May & Nov. 1997, April & Nov. 1998, June & Nov. 1999, Nov. 2000, June 2001, June, 2002, November 2003

**PUBLICATIONS:** (underline signifies mentor to primary author) (\***refereed journals**)

- 1.\* Söremark, R., Freedman, G., Goldin, J., and Gettleman, L.: Structure and Microdistribution of Components of Gold Alloys. *J. Dent. Res.* 45(6) 1723-35, 1966
- 2.\* Gettleman, L., Freedman, G., Shaw, B., Goldin, J., and Söremark R.: Studies on a New Dental Casting Gold Alloy. *J. Dent. Res.* 46:595-601, 1967
3. Gettleman, L.: *Investigation and Development of Casting Gold Alloy Testing Procedures and Alloys Containing Low Levels of Addition Elements.* Master of Science in Dentistry **thesis**, St. Louis University, School of Dentistry and the Graduate School, 1969
- 4.\* Gettleman, L., and Harrison, J.D.: Improved Tensile Specimen for Dental Casting Gold Alloys. *J. Dent. Res.* 48:278-281, 1969
- 5.\* Gettleman, L., and Ryge, G.: Accuracy of Stone, Metal and Plastic Die Materials, *J. Calif. Dent. Assoc.* 46:28-31, 1970
- 6.\* Gettleman, L., Harrison, J.D., and Brasunas, A. deS: Hypoeutectic Gold Cobalt Alloys for Dental Prostheses. *J. Biomed. Mater. Res.* 6:25-32, 1972
- 7.\* Herzberg, T., Gettleman, L., Webber, R.L., and Moffa, J.P.: Effect of Metal Surface Treatment on Masking Power of Opaque Porcelain. *J. Dent. Res.* 51:468-72, 1972
- 8.\* Gettleman, L., Webber, R.L., Potter, W.R., and Moffa, J.P.: Shot Impact Test for Dental Amalgam. *J. Dent. Res.* 51:519-25, 1972
- 9.\* Moffa, J.P., Going, R.E., and Gettleman, L.: Silver Pins: Their Influence on the Strength and Adaptation of Amalgam. *J. Prosthet. Dent.* 28:491-99, 1972
- 10.\* Moffa, J.P., Lugassy, A.A., Guckes, A.D., and Gettleman, L.: An Evaluation of Nonprecious Alloys for Use with Porcelain Veneers. Part I, Physical Properties. *J. Prosthet. Dent.* 30:424-31, Oct. 1973
- 11.\* Stepnick, R.J., and Gettleman, L.: Microhardness of Human Apical Cementum Related to Fluoride Exposure and Age. *J. Dent. Res.* 54:905, 1975
- 12.\* Gettleman, L., Nathanson, D., Myerson, R.L., & Hodosh, M.: Porous, Heat-Cured Poly-(Methyl Methacrylate) for Dental Implants. *J. Biomed. Mater. Res. Symp.* #6, 9:243-49, 1975
13. Gettleman, L., and Agranat, B.J.: Polysulfide Rubber Foreign Body: Report of a Case. *Quintessence Int.* 7:21-24, 1976
- 14.\* Gettleman, L., Nathanson, D., and Myerson, R.L.: Effect of Rapid Curing Procedures on Polymer Implant Materials. *J. Prosthet. Dent.* 37:74-82, 1977
15. Gettleman, L., Herzberg, T.W., Webber, R.L., and Moffa, J.P.: The Effect of Metal Surface Treatment on the Masking Power of Opaque Porcelain. In *Dental Porcelain: The State of the Art -1977.* Henry N. Yamada and Penelope B. Grenoble, editors, University of Southern California School of Dentistry, 1977, pp. 161-65, 1977
- 16.\* Hodosh, M., Gettleman, L., Shklar, G., and Povar, M.: Surface Texture and Strength of Vitreous Carbon-Poly (Methyl Methacrylate) Dental Implant Materials. *J. Biomed. Mater. Res.* 12:167-79, 1978

- 17.\* Gettleman, L., Nathanson, D., Shklar, G., Brathwaite, W.J., Jr., Darmiento, L., Levine, P., and Judes, H.: A Preliminary Evaluation of the Histotoxicity and Radiopacity of Lead-Containing Elastic Impression Materials. *J. Amer. Dent. Assn.* 96:987-93, 1978
- 18.\* Gettleman, L., Kalis, P., Schnitman, P.A., Feingold, R.M., Nathanson, D., Shklar, G.S., Woolfson, M., and Shulman, L.B.: Clinical Evaluation Criteria of Tooth Implant Success. *Oral Implantol.* 8:1:12-28, 1978
- 19.\* Nathanson, D., Gettleman, L., Schnitman, P., and Shklar, G.: Histologic Response to Porous PMMA Implant Materials. *J. Biomed. Mater. Res.* 12:13-33, 1978
20. Gettleman, L.: The Problem of Corrosion and Tarnish of Dental Restorative and Implant Metals. Proceedings of the International Symposium on Biomaterials in Dentistry and Medicine. *Biomater. Med. Dev., Artif. Organs* 7:2:191-197, 1979
- 21.\* Hodosh, M., Shklar, G., Gettleman, L., & Povar, M.: Strength and Biocompatibility of Poly-methacrylate-Silica Composite Dental Implant Materials. *J. Prosthet. Dent.* 43:197-203, 1980
- 22.\* Wright, S.R., Cocks, F.H., Pearsall, G.W., and Gettleman, L.: An Ultrasonic Abrasion Simulation Corrosion Test Method Applied to Dental Alloy Evaluation. *Corrosion* 36:101-103, 1980
- 23.\* Gettleman, L.: Council on Dental Materials, Instruments and Equipment: Status Report on Low Gold-Content Alloys for Fixed Protheses. *J. Amer. Dent. Assn.* 100:237-40, 1980
- 24.\* Gettleman, L., and Nathanson, D.: Confirmation of Bone Ingrowth into Porous PMMA Materials. *J. Dent. Res.* 59:139, 1980
- 25.\* Gettleman, L., Cocks, F.H., Darmiento, L.A., Levine, P.A., Wright, S., and Nathanson, D.: Measurement of *In Vivo* Corrosion Rates in Baboons, and Correlation with *In Vitro* Tests. *J. Dent. Res.* 59:689-707, 1980
- 26.\* Schnitman, P.A., Woolfson, M., Feingold, R.M., Gettleman, L., Freedman, H.M., Kalis, P.J., Buchanan, W., and Shulman, L.B.: Vitreous Carbon Implants: A Five-Year Study in Baboons. *J. Prosthet. Dent.* 44:190-200, 1980
27. Gettleman, L., and Renz, E.: Hardness Profiles of Steel Instruments, and Possible Rehardening Methods, *Quintessence International* 12:223-30, 1981
28. Gettleman, L.: Predicting Wear and Abrasion of Restorative Materials. *Compend. Contin. Ed. in Dent.* 1:6:416-420, 1980
- 29.\* Gettleman, L., Carr, R.F., and Herschaft, E.E.: Foreign Body Identification Using Energy Dispersion X-Ray Analysis. *J. Forensic Sciences.* 26:58-63, 1981
- 30.\* Gettleman, L., Farris, C.L., LeBoeuf, R.J., Rawls, H.R., and Dillingham, E.O.: Improvement of Experimental Elastomers for Permanent Soft Denture Liners: Physical and Biologic Properties. *Biomater., Med. Dev., Art. Org.*, 9:345-347, 1981
- 31.\* Van Nortwick, W.T., and Gettleman, L.: Effect of Internal Relief, Vibration, and Venting on the Vertical Seating of Cemented Crowns, *J. Prosthet. Dent.* 45:395-399, 1981
- 32.\* Gettleman, L.: Use of Primates for Wear Testing of Dental Restorative Materials. *Am. J. Primatol.* 1:457-464, 1981
33. Gettleman, L., Farris, C., LeBoeuf, R., Rawls, H.R., and Dillingham, E.O.: Improvement of Experimental Elastomers for Permanent Soft Denture Liners: Physical and Biologic Properties. In *Biomedical Engineering I, Recent Developments*, S. Saha, ed. New York: Pergamon, pp. 307-09, 1982
- 34.\* Kasten, F.H., Felder, S.M., Gettleman, L., and Alchediak, T.: A Model Culture System with Human Gingival Fibroblasts for Evaluating the Cytotoxicity of Dental Materials. *In Vitro*, 18:650-660, 1982
35. Gettleman, L., Haik, P.L., Jr., Lapeze, J.P., and Matthews, R.J.: Acid-Etched Splints for Mobile Teeth. *J. Louisiana Dent. Assoc.* 40:3:8-12, 1982

- 36.\* Spranley, T.J., Gettleman, L., and Zimmerman, K.: Acute Tissue Irritation of Polysulfide Rubber Impression Materials, *J. Dent. Res.* 62:548-551, 1983
- 37.\* Gettleman, L., Fischer, D.L., and Farris, C.: Self-Sanitizing Soft Denture Liners: Paradoxical Results, *J. Biomed. Mater. Res.* 17:731-734, 1983
38. Sonis, A., Curran, R., Gettleman, L., and Rawls, H.R.: Changes in Surface Roughness of Restorative Resins in a Bruxing Primate. *Quintessence International* 15:245-251, 1984
- 39.\* Kinnebrew, M., Gettleman, L., Carr, R.F., and Beazley, R.M.: Squamous Cell Carcinoma of the Tongue in a Young Woman. Report of a Case with Etiologic Considerations. *Oral Surg., Oral Med., Oral Path.*, 58:696-698, 1984
40. Bundy, K.J., and Gettleman, L.: AC Electrochemical Impedance Studies of the Corrosion Behavior of Dental Amalgam. *Biomedical Engineering IV, Recent Developments*, B. Sauer, ed. New York: Pergamon, pp. 112-115, 1985
41. Gettleman, L., Ross-Bertrand, L., Gebert, P.H., and Guerra, L.R.: Novel Elastomers for Denture and Maxillofacial Prostheses. *Biomedical Engineering IV, Recent Developments*, B. Sauer, ed. New York: Pergamon, pp. 141-144, 1985
- 42.\* Gettleman, L.: What Can We Do About the Mercuriphobes? *Operative Dent.* 11:78-80, 1986. (Editorial Opinion)
- 43.\* Gettleman, L., Vargo, J.M., Gebert, P.H. and Rawls, H.R.: Thermoplastic Chlorinated Polyethylene for Maxillofacial Prostheses. In *Advances in Biomedical Polymers, Polymer Science and Technology Series*, Vol. 35, C.G. Gebelein, editor. New York: Plenum, pp.31-40, 1987
- 44.\* Gettleman, L., Vargo, J.M., Gebert, P.H. Farris, C.L., LeBoeuf, R.J., Jr., and Rawls, H.R.: Polyphosphazene Fluoroelastomer (PNF) as a Permanent Soft Liner for Removable Dentures. In *Advances in Biomedical Polymers, Polymer Science and Technology Series*, Vol. 35, C.G. Gebelein, editor. New York: Plenum, pp. 55-61, 1987
45. Gettleman, L., Vrijhoef, M.M.A., and Uchiyama, Y., eds.: *Adhesive Prosthodontics*. Proceedings of a Symposium, June 24, 1986, Amsterdam, The Netherlands. Chicago: Academy of Dental Materials, 1987
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132. Gettleman, L.: Multicenter Trial of Chlorinated Polyethylene Elastomer for Maxillofacial Prosthetics. USPHS Scientific and Training Symposium, Cincinnati, Ohio, June 6, 2007
133. Caicedo, R., Baker, R.L., Gettleman, L., and Clark, S.J.: Effectiveness of 3 Different Obturation Methods in the Filling of a Simulated Lateral Defect. Research!Louisville, Oct. 16, 2007
134. Gettleman, L., Kiat-amnuay, S., Anderson, J.D., Chambers, M.S., Jacob, R.F., Johnston, D.A., Sheppard, R.A., and Haugh, G.S.: Multicenter Trial of Chlorinated Polyethylene Elastomer for Maxillofacial Prosthetics. Research!Louisville, Oct. 18, 2007
135. Kiat-amnuay, S. Chambers, M.S., Jacob, R.F., Anderson, J.D., Johnston, D.A., Sheppard, R.A., Haugh, G.S., and Gettleman, L.: Multicenter Trial of CPE for Maxillofacial Prosthetics. *Trans. Amer. Acad. of Maxillofacial Prosth.* Scottsdale, AZ. Oct. 28-30, 2007.
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### **INTERESTS:**

Professional: fundamentals and problem solving in dental biomaterials, new product development; prosthodontics, and restorative dentistry; *in vivo* / *in vitro* correlation of clinical performance; tarnish and corrosion of metals; polymer substitutes for metals and ceramics in dentistry; resilient denture liners, and facial prosthetic materials; wear and abrasion; toxic responses of materials; high school science fair activities.

Non-Professional: opera, chamber, and symphonic music; construction and repair in wood, metal, stone, electronics, and machinery; Jaguar and Mercedes-Benz maintenance, repair, and restoration; clarinet music; skiing (solid and liquid H<sub>2</sub>O); gardening and green housing; flying general aviation aircraft; voluntary community, historic, and cultural activities.

### **CIVIC AND COMMUNITY PARTICIPATION:**

Boys Clubs of Boston, Staff Dentist, Boston, MA, 1966

Operation Head Start, St. Louis, MO 1966-68

Rutgers Alumni Association, St. Louis, 1966-1968, San Francisco Bay Area, 1968-70

Harvard Club of San Francisco, 1968-70

Greenbrae (California) Civic Association, 1970

Temple Shalom, Newton, MA, 1973-76

Public Television Station WGBH, Boston, MA, *Zoom* Volunteer, 1974-76

Sigma Alpha Mu Fraternity

*Sigma Delta* Chapter, Rutgers College, New Brunswick, NJ, 1959-62

*Sigma Gamma* Chapter, Tulane University, New Orleans, LA; Chapter Co-Advisor, 1986-89;

Housing Corporation Board Member, 1988-89

*Mu Delta* Colony, University of Louisville, Louisville, Colony Advisor, 1990-93

Eastern Jaguar Group, Louisiana Consumer Coordinator, 1976-81

Public Radio Station WWNO-FM, New Orleans, LA 1976-89

Steering Committee, 1976-78; Advisory Board, 1981-89; Program Committee, 1981-89; Broadcast Engineering Committee, 1982-89, Chair, 1987-89;. National Public Radio Liaison Committee, 1982-86; Publicity Committee, 1983-86; Nominating Committee Chair, 1987-89

Pontchartrain Shores Civic Association, Metairie, LA, 1976-89  
Board of Governors, 1976-89; Education Committee, Chair, 1978-80; Sidewalk Committee, Chair, 1981-87; Highway Access Committee, Chair, 1982-83; Vice President, 1983 President, 1984-86; Program Committee, Chair, 1988-89

Harvard Club of Louisiana, 1977-89  
Schools Committee, 1981-89; Secretary-Treasurer, 1986-1988; Vice President, 1988-89

New Orleans Opera Association, 1977-89; New Orleans Opera Club, 1978-87; Men's Club Special Projects Co-Chair, 1983

Jefferson Performing Arts Society, 1977-89  
Board of Directors, 1986-89; Nominating Committee Chair, 1986-89; Artistic Endeavors Committee, 1987-89; Long-Range Planning Committee, 1987-89

Congregation Gates of Prayer, Metairie, LA, 1977-90  
Board of Trustees, 1980-1986; Trustee and Chair, Endowment Trust, 1980-86; House Committee, 1980-1981, 1984-89; Treasurer, 1982-84; Brotherhood Board, 1984-86; 1988-89 Adult Education, Chair, 1984-85, 1987-89; Chair, Publicity Committee, 1989

Harold M. Keller School Parent-Teachers Group, 1977-81. Bylaws Committee, 1978-79

Jefferson Committee for Better Schools, 1978-82  
Chair, Personnel Policies Committee, 1978-80; Nominating Committee, 1981

Americans United for Separation of Church and State, 1978-**present**  
National Advisory Council, 2004-**present**  
Louisville Chapter, treasurer, 2007-**present**

Public Television Station WYES-TV, New Orleans, LA. Showboat Auction Table Director, 1980-89

Jaguar Clubs of North America, 1982-**present**  
E-Jag, New England, 1972-77. Jaguar Club of New Orleans 1981-89; Parliamentarian, 1981-82; Vice President & Editor, 1982-83; Social Chair, 1987-88  
Jaguar Drivers' Club, Area 51, Louisville 1990-**present**; Club Technician, 1993-2002

New Orleans Jazz Club, 1981-**present**. B♭ clarinet

Metairie Park Country Day School. Science Committee, 1982-87; Grade Captain, 1982-83; Parents Fund Co Chair, 1983-84

Aircraft Owners and Pilots Association, Member No. 804,306; 1982-**present**  
Private Pilot License, Airplane, Single Engine Land, May 28, 1983  
FAA Wings Program, Stage XVI

Greater New Orleans Science and Engineering Fair  
Board of Directors, 1982-90; Vice President, 1986-89; President, 1989-90

Louisiana Science Centre, 1985-89; Advisory Council, 1986-90

Mercedes-Benz Club of America  
New Orleans Section, 1983-89; Board of Directors, 1985-86, 1987-89  
Bluegrass Stars Section, 1990-**present**. Treasurer, 1994-**present**

Louisville Regional Science Fairs. Board of Directors, 1990-**present**; Program editor & publisher, 1992-**present**; Chair, committee to invite and host the 1997 International Science & Engineering Fair, 1994-95; First vice president, 2000-**2009**

duPont Manual High School Regional Science Fairs, Board of Advisors, 2003

ISEF Kentucky, Inc. (International Science & Engineering Fair 1997 host committee)  
Founding President, 1995-96; Chair, Host Committee, 1995-96, Nobel Laureate Committee

Kentucky Science Fair Endowment (d/b/a ISEF Kentucky, Inc.)  
Board Member, 1998 – **present**; Grants Committee, 1998-**present**; Secretary - **present**  
Science Service, Inc., Washington, DC; ISEF Advisory Committee *ex officio*, 1995-96  
Public Radio Partnership of Louisville. Begathon Volunteer Pledge Producer, 1990-2008  
WUOL Community Advisory Board, 1999-2003; Public Radio Partnership (WFPL-WFPK-  
WUOL) Community Advisory Board, 2001-2008; Chair 2003-07  
Harvard Club of Louisville, 1990-**present**  
Schools Committee, 1990-**present**; Harvard Book Award Committee, 1990-**present**; Program  
Committee, 1994-**present**; Treasurer, 2001-**present**  
South Fourth Street Association, various committees, 1990-**present**  
History Committee chair, 2008-**present**  
Temple Shalom, various committees, 1991-**present**  
Old Louisville Neighborhood Council; Zoning & Land Use Committee, 1995-**present**  
Property Improvement Committee 2000-**present**  
University Club of Louisville, 1990-**present**; Membership/Program Committee, 1993-**present**  
Gallery photo exhibitor 2002-03  
British Sports Car Club, Louisville 1992-**present**  
The Filson Club (Kentucky historical society), 1993-2003  
Kentucky Opera Association, 1990-**present**  
Board of Directors, 1994-2001; Long Range Planning & Development; Entertainment; Finance;  
Car Raffle Committees (1994-2004). Kentucky Opera Guild, Airport Committee, 1990-**present**  
Jewish Family & Vocational Service, Board of Directors, 1993-94  
Preservation Kentucky, National Trust for Historic Preservation, 1993-**present**  
Friends of the School of Music, University of Louisville, 1994-**present**  
Louisville Automobile Museum, 1995-97, Museum Advisory Council, 1996-97  
Louisville Water Company, Customer Advisory Council (Louisville Dental Society representative),  
2002-**present**  
Kentucky Shakespeare Festival, Board of Directors, 2002-**present**, Member-at-Large, Executive  
Committee, 2004-2006, Co-chair, Events Planning/Encouragement Committee, 2004-2007  
U.S. Marine Hospital Committee, Louisville, 2003-2005  
Charter member, Friends of Marine Hospital; Medical Heritage Discussion Group, 2004-**present**  
Crane House, The Asia Institute, Louisville, 2007-**present**  
Remote Area Medical Volunteer Corps, Mobile Tactical Dentistry, Pike County Expedition, June, 2008