

November 25, 2022

**CURRICULUM VITAE**

**NAME:** Peter Michael Loomer

Position: Dean, School of Dentistry  
Castella Professor in Aging Studies  
Development Board Professor in Dentistry  
University of Texas Health Sciences San Antonio  
San Antonio, Texas

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Citizenship: USA, Canada

Languages: English, French

**EDUCATION/TRAINING/FELLOWSHIPS:**

1980-84	University of Toronto Toronto, Canada	B.Sc.	Nutritional Science
1984-88	University of Toronto Toronto, Canada	D.D.S.	Dentistry
1991-93	University of Toronto Toronto, Canada	Diploma	Periodontology
1993-97	University of Toronto Toronto, Canada	Ph.D.	Cell and Tissue Biology
1994	Royal College of Dentists Canada	M.R.C.D.	Periodontology
2005	American Board of Periodontology	Diplomate	Periodontology
2006	ADEA Leadership Institute	Certificate	Dentistry Leadership Program
2007	CORO-UCSF Leadership Collaborative	Certificate	Academic Leadership Program
2013	Academy of Academic Learning (AAL) Institute	Certificate	Deans and Chair Leadership Program
2015	NYU Academy of Educators	Certificate	Excellence in Teaching Program
2015	International Congress of Oral Implantology	Fellowship	Implant Dentistry
2015	International Congress of Oral Implantology	Diplomate	Implant Dentistry
2016	New York Academy of Medicine	Fellow	Oral Health Division
2017	American College of Dentists	Fellow	
2022	International College of Dentists	Fellow	
2022	International Academy of Dentistry	Fellow	

2023 University of Texas at San Antonio MBA To complete degree program May 2023  
San Antonio, Texas

### **LICENSES, CERTIFICATIONS:**

1988-present Province of Ontario, Canada, General Dentistry License  
 1993-present Province of Ontario, Canada, Specialty of Periodontics License  
 1997-present Province of Alberta, Canada, General Dentistry and Periodontology registration  
 2000-2013 State of California, USA, Faculty License/Periodontology  
 2002-present Drug Enforcement Act (DEA), Prescriber Number Issued  
 2014-present New York, USA, Dental License/Periodontology, General Dentistry  
 2019-present Texas, USA, Dental License/Periodontology, General Dentistry

### **PRINCIPAL ACADEMIC APPOINTMENTS HELD:**

1991-96	University of Toronto, Toronto, Canada	Instructor
1996-98	University of British Columbia, Vancouver, Canada	Assistant Professor
1998-2013	University of California, San Francisco, California	Vice-Chair, Professor of Clinical Periodontology
2013-2019	New York University New York, New York	Chair, Clinical Professor
2019-present	New York University New York, New York	Adjunct Professor
2019-present	University of Texas Health Sciences San Antonio, Texas	Dean, Professor

### **OTHER POSITIONS HELD CONCURRENTLY:**

#### **UCSF:**

1998-2013	UCSF, School of Dentistry	Director, Pre-doctoral Periodontology
1999-2013	UCSF Graduate Program in Oral and Craniofacial Sciences	Member
2002-2013	UCSF, Division of Periodontology	Vice-Chair
2004-2013	UCSF, School of Dentistry	Director, Student Research Fellowships
2006-2007	UCSF, Division of Periodontology	Acting Chair
2007	UCSF, School of Dentistry	Director, Postgraduate Program in Periodontology
2008-2013	UCSF, Division of Periodontology	Director of Clinical Affairs
2008-2013	UCSF, Global Health Sciences	Faculty Member
2010-2013	UCSF, Dept. of Orofacial Sciences	Director of Quality Assurance
2010-2013	UCSF, Global Oral Health Sciences	Member, Steering Committee
2011-2013	San Francisco General Hospital	Dental/Medical Staff

#### **NYU:**

2013-2014	NYU, College of Dentistry	Director, Periodontology
2013-2019	NYU, College of Global Public Health	Director, Global Health for Oral Health Sciences
2014-2019	NYU, College of Dentistry	Chair, Department of Periodontology and Implant Dentistry

2014-2019	NYU, College of Dentistry	Director, Periodontal Research
2016-2019	NYU Langone Health Systems	Hospital Medical/Dental Staff
2017-2019	NYU College of Dentistry	Director, NYU Center for Global Oral Health Sciences

**UT Health San Antonio:**

2019-present	UTHSCSA School of Dentistry	Dean
2019-present	UTHSCSA Dentistry Board of Directors	Vice-Chair

**HONORS AND AWARDS:**

1982 Medical Research Council (MRC) of Canada Research Scholarship  
1983 Medical Research Council (MRC) of Canada Research Scholarship  
1984 University of Toronto Household Science Alumni Award  
1984 University of Toronto, John J. Moran Memorial Food Chemistry Scholarship  
1985 University of Toronto, Faculty of Dentistry, MRC Research Scholarship  
1987 University of Toronto, Faculty of Dentistry Predoctoral Student Research Day Award  
1991 University of Toronto, School of Graduate Studies, Herron Foundation Scholarship  
1993 Medical Research Council of Canada, Medical Sciences Fellowship (through 1997)  
1994 Ontario Association of Dental Specialists, Excellence in Research Award  
1994 American Academy of Periodontology, Orban Memorial Program, finalist  
1995 University of Toronto, Graduate Student Research Award  
1995 Ontario Association of Dental Specialists, Excellence in Research Award  
1995 Midwest Society of Periodontology, Research Forum Award  
1996 American Academy of Periodontology, Young Investigator Fellowship Award  
1999 UCSF School of Dentistry, Predoctoral DDS Clinical Instruction Award  
2000 UCSF School of Dentistry, Predoctoral DDS Clinical Instruction Award  
2000 Xi Psi Phi Fraternity, Teaching Recognition Award  
2000 UCSF Distinction in Teaching Award (nominee)  
2001 UCSF Department of Stomatology Outstanding Teacher Award  
2001 UCSF Distinction in Teaching Award (nominee)  
2001 Oral-B Dr. Robert Hutson Award for Dental Education  
2003 American College of Dentists, Faculty Award  
2005 ADEA Leadership Institute Fellowship  
2005 American Academy of Periodontology Outstanding Educator Award  
2005 Pierre Fauchard Society, Faculty Award  
2007 UCSF School of Dentistry, Dental Student's Outstanding Teacher Award  
2008 OKU Dental Honors Society, Inducted  
2013 American Academy of Periodontology Outstanding Educator Award for UCSF  
2016 New York Academy of Medicine, Fellowship  
2017 American Academy of Periodontology Outstanding Educator Award for NYU  
2017 American College of Dentists, Fellowship  
2020 NYU College of Dentistry Academy of Distinguished Educators, Fellowship

**PROFESSIONAL ACTIVITIES:**

**CLINICAL:**

1988-93 Clinical practice (General dentistry)  
1993-present Clinical practice (Periodontology)

**PROFESSIONAL CONSULTING:**

2004-present Council of Healthcare Advisors  
2005-present Consultant for legal cases involving dentistry (periodontology, implants)

**PROFESSIONAL ORGANIZATIONS:**

**MEMBERSHIPS:**

1988-2004 Canadian Dental Association  
1988-1996 Ontario Dental Association  
1991-1996 Ontario Society of Periodontology  
1991-present American Academy of Periodontology  
1991-present International Association for Dental Research  
1991-1998 Canadian Association for Dental Research  
1993-2006 American Society for Microbiology  
1998-present American Association for Dental Research  
1998-2010 American Society for Bone and Mineral Research  
2000-present American Dental Education Association  
2000-2006 Association for the Advancement of Computing in Education  
2000-2009 American Association of Gravitational Biologists  
2003-present American Dental Association  
2003-2013 California Society of Periodontists  
2008-present American Academy of Osseointegration  
2008-2013 San Francisco Dental Society  
2008-2013 California Dental Association  
2008-present OKU Honors Society  
2013-present New York State Dental Association  
2013-present New York Dental Society  
2014-2019 International Congress Oral Implantology  
2014-present New York Academy of Science  
2016-present New York Academy of Medicine  
2017-present American Society of Gerontology

**SERVICE TO PROFESSIONAL ORGANIZATIONS:**

**COMMITTEE APPOINTMENTS:**

2006-2009 American Dental Education Association Section on Periodontics, Chair  
2006-2013 American Dental Education Association Council of Faculties, Delegate  
2007-present American Dental Education Association Council on Change & Innovation (CCI), Member  
2008-2009 Joint Commission On National Dental Examinations Alternate Test Constructor  
2009-2016 American Academy of Periodontology Education Committee, Member  
2009-2013 California Board of Dental Examiners Portfolio Examination Consultant

2010-2016	American Academy of Periodontology	Patient Benefits and Advocacy Committee, Member
2010-present	Joint Commission On National Dental Examinations	National Dentistry Boards: Test Constructor (Periodontics Section)
2011-2017	American Dental Education Association	Section on Periodontics, Councilor
2011-2013	American Association of Dental Research San Francisco Chapter	Vice-President (2011-12), President (2012-13)
2013-present	Joint Commission On Dental Accreditation (CODA)	Pre-doctoral (DDS) Consultant and Site Visitor
2014-2018	American Dental Education Association	Policy & Research Committee, Member
2014-2019	New York County Dental Association	Legislative Committee, Member
2015-present	American Dental Association	Dental Quality Alliance, Exec Comm
2015-present	Joint Commission on National Dental Examinations	Advanced Dental Aptitude Test: Test Constructor (Epidemiology & Biostatistics, Periodontics Sections)
2016-present	Joint Commission on National Dental Examinations	Integrated National Dentistry Board Exam: Test Constructor
2016-present	Joint Commission on National Dental Examinations	National Dentistry Board Exam: Test Constructor (Part B)
2017-present	International Academy of Contemporary Dentistry	Member, Board of Directors
2021-present	Joint Commission on National Dental Examinations (JCNDE)	Commissioner, representing ADEA
2021-present	International Academy of Contemporary Dentistry	President
2021-present	OKU Dental Honors Society	Vice-President, Supreme Chapter

**SERVICE TO PROFESSIONAL PUBLICATIONS:**

1994-present	Journal of the Canadian Dental Association, ad hoc referee
2000-present	Clinical Diagnosis & Laboratory Immunology Review, ad hoc referee
2001-present	Journal of Periodontology, ad hoc referee
2002	Periodontology 2000, volume editor
2003-present	Lasers in Surgery and Medicine, ad hoc referee
2004-present	Journal of Dental Education, ad hoc referee
2008-present	Journal of Periodontal Research, ad hoc referee
2010-present	Tanzanian Dental Journal, Editor, ad hoc referee
2010-present	IIE Transactions on Occupational Ergonomics and Human Factors, ad hoc referee
2010-present	Journal of Periodontology, as hoc referee
2011-present	Journal of the California Dental Association, ad hoc referee
2011-present	Journal of Clinical Periodontology, ad hoc referee
2012-present	PLoS 1, ad hoc referee
2013-present	BioMed Central BMC Oral Health Journal, Associate Editor
2013-present	Journal of Dentistry, Oral Disorders and Therapy, Associate Editor
2017-present	Breastfeeding Medicine, ad hoc referee
2017-present	Journal of Prosthodontics, ad hoc referee
2019-present	Journal of Interdisciplinary Clinical Dentistry, Associate Editor

**GRANT REVIEWER:**

1997-1999	British Arthritis Association	Grant Reviewer
1999-2001	Canadian Space Agency	Grant Reviewer
2002	Health Disparities CAN-DO Program	Grant Reviewer

2010-present American Dental Education Association Grant Reviewer

**UNIVERSITY SERVICE:**

UCSF and University of California UNIVERSITY SERVICE:

UNIVERSITY OF CALIFORNIA SYSTEMWIDE:

2007-2009	Academic Senate, Committee on Committees
2009-2011	Academic Senate, Committee on Education Policy
2009-2013	Academic Senate, Task Force on Long Distance Learning
2011-2013	UC Washington Governing Council

UNIVERSITY OF CALIFORNIA SAN FRANCISCO CAMPUS:

2001-2004	Academic Senate Committee on Clinical Affairs
2002-2003	Academic Senate Distance Learning Task Force
2005-2011	Academic Senate Executive Committee
2005-2007	Academic Senate Chancellor's Council
2005-2007	Academic Senate Academic Planning and Budget
2005-2009	Academic Senate Coordinating Committee
2006	Library Planning Taskforce
2006-2009	Academic Senate Committee on Committees (Chair 2008-2009)
2007-2011	Chancellor's Advisory Committee on Disabilities
2008	Search Committee for Dean of UCSF School of Dentistry
2008-2013	Academic Senate Committee on Educational Policy (Chair 2010-2011)
2009	Search Committee for Associate Dean of Research
2009-2011	Secretary, UCSF Senate Division
2011-2013	Chancellor's Committee on Academic and Campus Life
2012-2013	Committee on Academic Tenure and Promotions

UCSF SCHOOL OF DENTISTRY

1998-2013	Clinical Sciences Coordinating Committee
1998-2013	Patient Forms Committee
1998-2013	Dental Instruments and Materials Committee
1999-2002	Patient Distribution Committee
2000-2002	Clinical Faculty Needs and Development Subcommittee
2000-2002	Dental Years 1-4 Needs Subcommittee
2000-2003	School of Dentistry Faculty Council, Dept of Stomatology Representative
2001-2013	Dental Materials Committee
2002	Division of Orthodontics Assistant Professor Search Committee
2002-2013	Academy of Dental Educators, founding member
2002-2013	Curriculum Committees: patient centered streams, technology streams
2002-2006	Academic Planning and Budgets Committee
2003	Student Academic Discipline Committee
2003-2004	Research Day Committee (Co-Chairperson)
2004-2005	Department of Orofacial Sciences, Member Search Committee
2004-2009	Division of Orthodontics, Member Search Committee

2004-2006	Division of Pediatric Dentistry, Postgraduate Director Search Committee
2004-2008	Admissions Committee, member
2004	Student Discipline Committee, member
2005-2005	School of Dentistry Faculty Council, Dept of Orofacial Sciences Rep
2005-2009	School of Dentistry Faculty Council, Member at Large
2005-2013	Research and Clinical Excellence Day Committee, Chair
2005-2007	Faculty Council, Chair
2005-2013	Committee on Educational Policy, member
2006-2008	Division of Endodontics, Search Committee Member
2006-2007	Division of Prosthodontics, Search Committee Member
2006-2008	Postgraduate Educational Coordinating Committee, Member
2006-2013	Faculty Research Award Selection Committee, Chair
2007-2009	Division of Periodontology, Search Committee Chair
2007-2009	Scholarship Committee, Chair
2007-2008	Implant Program Task Force, member
2008-2009	Division of Orthodontics, Search Committee, Member
2008-2013	Division of Periodontology, Search Committee, Chair
2008-2010	Academic Planning and Budgeting Committee, Member
2010-2013	Committee on Education for School of Dentistry, Chair
2011-2013	Division of Orthodontics, Chair of Search Committee
2011-2013	Division of Oral Maxillofacial Sciences, Chair of Search Committee
2010-2013	Executive Committee, Oral and Craniofacial Sciences Graduate Group
2010-2013	School of Dentistry Quality Assurance Executive Committee
2011-2013	Steering Committee, Global Oral Health Sciences
2011-2013	Faculty Council, Secretary

**DEPT. OF OROFACIAL SCIENCES: DEPARTMENTAL SERVICE:**

1998-2013	Director, Pre-doctoral Education Program In Periodontology
2001	Staff Performance Award Selection Committee
2002-2013	Division of Periodontology, Vice-Chairperson
2002-2013	Department Budget Committee
2003	Staff Performance Award Selection Committee
2006-2007	Division of Periodontology, Acting Chairperson
2007	Division of Periodontology, Postgraduate Program Director
2008-2013	Division of Periodontology, Director of Clinical Affairs
2010-2013	Dept of Orofacial Sciences, Executive Committee

**New York University UNIVERSITY SERVICE:**

NYU CAMPUS-WIDE:

2014-present	Faculty Diversity Mentorship Program, member and faculty mentor
2015-present	Faculty Oversight Committee on the NYU Global Academic Network, NYU Dentistry Representative
2015-present	Vice-President/Vice-Provost Taskforce on Education, Research & Service on the Aging Population ("The Aging Incubator"), Advisory committee member

NYU COLLEGE OF DENTISTRY:

2013- present	Clinical Affairs Committee
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2014-present	Chair, Department of Periodontology & Implant Dentistry
2014-present	Department Chairs Committee
2014-present	Executive Management Committee
2014-present	Pharmacy and Therapeutics Committee
2014-present	Formulary Committee
2014-2016	Curriculum Committee
2014-present	Continuous Quality Improvement (CQI) Committee
2015-present	Executive Deans and Chairs Committee
2015-present	Electronic Health Data Governance Committee
2015-present	NYU Dentistry Ethics Review Board
2015-2017	Accreditation Committee for DDS program
2015-2017	Accreditation Committee for Advanced Education in Periodontics program
2016-present	Appointments and Promotions Committee (Full-Time Faculty)
2017-present	Scholarship Committee

**NYUCD DEPARTMENT OF PERIODONTOLOGY & IMPLANT DENTISTRY**

2013-present	Undergraduate Periodontal Education Curriculum Committee, Co-chair
2013-present	Advanced Education In Periodontology Curriculum Committee, Co-chair
2013-present	Clinical Management Committee, Chair
2013-present	Admissions Committee, Advanced Education Program in Periodontology
2013-present	Alumni Relations Committee, Chair
2014-present	Director, Periodontal Research
2015-2017	Accreditation Committee for Advanced Education Program in Periodontics
2017-present	International Implant Curriculum Revision Committee, chair

**NYU COLLEGE of GLOBAL PUBLIC HEALTH**

2013- present	Director, Global Health for Oral Health Sciences
2014-present	HIV Research Affinity Group
2014-present	Addiction/Substance Abuse/Tobacco Research Affinity Group
2014-present	Chronic Disease Research Affinity Group

**UT HEALTH SAN ANTONIO UNIVERSITY SERVICE**

2019-present	DSRDP Board of Directors, Vice-Chair
2019-present	Faculty Council, Chair
2019-present	Deans Council, Member
2019-present	Executive Committee, Member
2019-present	President's Cabinet, Chair
2019-present	Special Care Dentistry Cmtte, Chair
2019-present	Global Oral Health Committee, Chair
2019-present	Strategic Planning, Member
2019-present	Compliance and Audit, Member
2019-present	QA Committee, Member
2019-present	Laredo Dean's Cabinet, Member
2019-present	Internal Audit, Member
2019-present	VA Aging Research Advisory Committee, Member
2019-present	SA Military Advisory Research, Member
2021-present	UT Hospital Board of Directors, Member



**TEACHING and MENTORING:****UCSF:****FORMAL SCHEDULED CLASSES FOR UCSF STUDENTS:**

QTR	Academic Yr	Course Title & Number	Nature of Contribution	Units	Class Size
Su,F,W,Sp	1998-2013	Periodontology 138 / PCC 138	Course Director, Instructor , Lecturer	4	104
F, W, Sp	1998-2013	CompDentistry 126 / PCC 129	Course Director, Instructor	3	88
Su,F,W,Sp	1998-2013	CompDentistry 139 / PCC 139	Course Co-Director, Instructor	4	104
Su,F,W,Sp	1998-2013	CompDentistry 149 / PCC 149	Course Co-Director, Instructor	4	104
W	1999-2005.	Oral Biology 225	Lecturer	1	18
Sp,Su,W,F	1999-2013	Oral Biology 250	Research & Thesis	4	3-5
Su	1999	Periodontology 419	Instructor	1	9
Su	1999-2004.	Periodontology 130	Lecturer	1	104
F	1999-2004	Periodontology 131	Lecturer	1	120
Sp.Su,W,F	1999-2013	Periodontology 189 / IDS 189	Course Director	4	104
W	2000-2013	Interdepartmental Studies 186: Research	Course Director, Lecturer	1	60
F	1999-2002	Oral Biology 108	Lecturer	1	120
Su,F,W,Sp	2000-2013	Oral Biology 153	Course Director, Lecturer	1	9
Su	2001	OralMaxillofac. 200	Lecturer	1	12
Su,F,W,Sp	1998-2001	Stomatology 439	Course Director, Instructor	1	104
W, Sp	2005-2011	GHS 102	CourseCo-Director, Lecturer	2	30

**NEW YORK UNIVERSITY:**

QTR	Academic Yr	Course Title	Nature of Contribution		Class Size
<b>Undergraduate (DDS) Courses</b>					
Su,F,W,Sp	2013-2019	Comprehensive Care Clinics	Instructor, 3h/week, In a clinic of 60 students	DDS3, DDS4	382 382
W	2014-2017	Prosthodontics D3 lecture series	Lecture (one)	DDS3	382

F	2014-2019	Periodontology D2 lecture series	Lecture (three)	DDS2	382
Su,F, W,Sp	2013-2019	Research Project	Supervision of research	DDS1-4	5
<b>Graduate &amp; Postgraduate Courses</b>					
Su, F, W, Sp	2013-2019	Postgraduate Periodontology Clinics			
Su,F,W,Sp	2013-2019	International Implantology Case Conference	Course Director, 2h/week	IP	24
F, W, Sp	2013-2019	Advanced Periodontology Literature Review	Lecturer	PGY2 PGY3	19
F	2014-2019	Biological Basis of Wound Healing	Lecturer	PGY1: perio Endo OMES	24
Su,F,W,Sp	2013-2016	Masters in Biomaterials, Thesis Project	Supervision of thesis research projects	MS	2
Su,F,W,Sp	2015-2018	Masters in Public Health, Thesis Project	Supervision of thesis research projects	MPH	3
Su,F,W,Sp	2014-2019	Periodontology & Implant Dentistry Seminar Series	1 hour lecture weekly	MS	55

**UT HEALTH SAN ANTONIO:**

QTR	Academic Yr	Course Title	Nature of Contribution		Class Size
<b>Undergraduate (DDS) Courses</b>					
Su,F,W,Sp	2019-present	Comprehensive Care Clinics	Instructor, 6h/week, In a clinic of 40 students	DDS3,	120
Su	2013-2019	Comprehensive Care Clinics	Instructor (4 week rotation)	DDS4	120

**RESEARCH SUPERVISION AND MENTORING:**PREDOCTORAL STUDENTS SUPERVISED / MENTORED

Dates	Name	Program or School	Role	Current Position
2003	Jeremy Horst	Summer Research Fellowship, UCSF	Research Supervisor	Faculty, UCSF
2004	Jeanie Kim	Summer Research Fellowship, UCSF	Research Supervisor, Mentor	Private Practice Dentist
2005	Calvin Dang	Summer Research Fellowship, UCSF	Research Supervisor, Mentor	Periodontist
2005	Kim Hoang	Summer Research Fellowship, UCSF	Research Supervisor, Mentor	Pediatric Dentist
2005	Josh Barkhordar	Summer Research Fellowship, UCSF	Research Supervisor, Mentor	General dentist
2006	Eunhae Park	Summer Research Volunteer, UCSF	Research Supervisor, Mentor	Pediatric Dentist
2006	Katherine Kieu	Summer Research Fellowship, UCSF	Research Supervisor, Mentor	Pediatric Dentist
2007	Dong-Min Lin	Summer Research Fellowship, UCSF	Research Supervisor, Mentor	Assistant Prof, U Texas Houston
2009	Timothy Bishop	Summer Research Fellowship, UCSF	Research Supervisor, Mentor	General Dentist
2010 - 2010	Joseph Eliason	Summer Research Fellowship, UCSF	Research Supervisor/mentor	OMFS Resident
2011 - 2013	Abraham Tang	AADR, Research Fellowship	Research Supervisor/mentor	Dental student, UCSF
2012-2013	Katherine Tseng	AADR Research Fellowship	Research Supervisor/mentor	Dental Student, UCSF
2013-present	Nickolas Kallis	DDS Student Research Volunteer	Research Supervisor/Co-mentor	Dental Student, NYU
2013-present	Tushar Patel	DDS Student Research Volunteer	Research Supervisor/Co-mentor	Dental Student, NYU
2013-2015	Vipul Subramanian	DDS Student Research Volunteer	Research Supervisor/Co-Mentor	Dental Student, NYU
2014-2017	Zachery Kettler	DDS Student Research Volunteer	Research Supervisor/Co-Mentor	Dental Student, NYU
2014-2015	Malika Prakash	SARET-NIH award	Research Supervisor/Mentor	Dental student, NYU
2014-2015	William Keem	SARET-NIH award	Research Supervisor/Mentor	Dental student, NYU
2015-2017	Angelika Navarro	SARET-NIH award	Research Supervisor/Mentor	Dental student, NYU
2016-2017	Soo Yoo	SARET-NIH award	Research Supervisor/Mentor	Dental student, NYU
2017-present	Katherine Wong	SARET-NIH award	Research Supervisor/Mentor	Dental student, NYU
2018-present	Brandon Hakakian	SARET-NIH award	Research Supervisor/Mentor	Dental student, NYU

POSTGRADUATE AND GRADUATE STUDENTS SUPERVISED / MENTORED

Dates	Name	Program or School	Role	Current Position
1998-2001	Ravi Smith	MSc., Oral and Craniofacial Sciences, UCSF	MSc Research Mentor, Thesis Supervisor	Periodontist, Private practice
1999-2003	Grace Ng	MSc., Oral and Craniofacial Sciences, UCSF	MSc Research Mentor, Thesis Supervisor	Private practice, Asst. Clinical Professor, UCSF
2000-2003	Angela Lin	MSc., Oral and Craniofacial Sciences, UCSF	MSc Research Mentor, Thesis Supervisor	Private practice, Asst. Clinical Professor, UCSF
2002-2006	Hui Dong	Ph.D., Oral and Craniofacial Sciences, UCSF	PhD Research Mentor, Thesis Co-Supervisor	Dentist, US Public Health Corp
2003-2006	Barron Hong	MSc., Oral and Craniofacial Sciences, UCSF	MSc Research Mentor, Thesis Supervisor	Private Practice, Assistant Clinical Prof UOP
2003-2009	Wenge Ma	PhD, Oral and Craniofacial Sciences, UCSF	PhD Research and Clinical Mentor	Adjunct Prof, UCSF
2005-2008	Caton State	MSc, Oral and Craniofacial Sciences, UCSF	MSc Research Mentor, Thesis Supervisor	Private Practice Periodontist
2005-2008	Parker Workman	Diploma Research Project	Research Mentor, Thesis Supervisor	Private Practice Periodontist
2006-2009	Jeremy Owyong	MSc, Oral and Craniofacial Sciences, UCSF	MSc Research Mentor, Thesis Supervisor	Private Practice Periodontist
2007-2010	Christina Gasper	MSc, Oral and Craniofacial Sciences, UCSF	MSc Research Mentor, Thesis Supervisor	Private Practice Periodontist
2007-2010	Neetal Smith	MSc, Oral and Craniofacial Sciences, UCSF	MSc Research Mentor, Thesis Supervisor	Private practice periodontist
2008-2011	Calvin Dang	MSc, Oral and Craniofacial Sciences, UCSF	MSc Research Mentor, Thesis Supervisor	Private practice periodontist
2008-2012	Joyce Cheng	MSc, Oral and Craniofacial Sciences, UCSF	MSc Research Mentor, Thesis Supervisor	Current MSc student, UCSF
2009 - 2012	Anna Hsu	MSc, Oral and Craniofacial Sciences, UCSF	MSc Research Mentor, Thesis Supervisor	Private Practice Periodontist
2010 - 2013	Maki Narita	MSc, Oral and Craniofacial Sciences, UCSF	MSc Research Mentor, Thesis Supervisor	Assistant Professor, UCLA
2010 -2013	Jeffrey Takai	MSc, Oral and Craniofacial Sciences, UCSF	MSc Research Mentor, Thesis Co-Supervisor	Private practice periodontist

2010 – 2016	Diana Proctor	PhD, Dept of Microbiology, Stanford University	PhD Research Co-Supervisor, Thesis Committee Advisor	Postdoctoral Fellow, Stanford University
2010 - 2013	Susan Poorsattar	MSc, Oral and Craniofacial Sciences, UCSF	MSc Research Mentor, Thesis Supervisor	Private practice pediatric dentist, San Francisco
2013-present	Micol Hernandez	Advanced Education Program in Periodontology	Certificate Research Mentor, Thesis Supervisor	Periodontist Faculty, University of Puerto Rico
2013-2015	Iona Matei	Advanced Education Program in Periodontology	Certificate Research Mentor, Thesis Supervisor	Periodontist, Private Practice NYU
2014-2018	Shivangi Amin	International Perio Program	Research Mentor, Thesis Supervisor	Int Perio, PG-Perio 2015-8
2014-2016	Sarah Oshman	Advanced Education Program in Periodontology	Research Mentor, Systematic Review Mentor	Private practice
2014-2015	Ochoa Duratur	International Implant Program	Systematic Review Mentor	Private Practice, Part time faculty, Peru
2014-2015	Pablo Canas	International Perio Program	Systematic Review Mentor	Private Practice, part-time faculty, Spain
2015-2019	Katerina Georgantza	Periodontology	Research Mentor,	Faculty, NYU
2015-2016	Adeyinka Ajayi	Masters of Public Health	Research Supervisor	MD, MPH, NYU Medical center
2015-2016	Erin Sal-Mullen	Masters of Public Health	Research Supervisor	MPH, Sloane-Kettering
2015-2019	Noorpreet Kaur	Masters of Public Health	Research Supervisor	Post-doctoral fellow
2016-2010	Jenni Shearston	PhD student	Research Mentor, Co-Supervisor	PhD candidate, Columbia University

**POSTDOCTORAL RESIDENTS, Thesis Committee Member:**

Dates	Name	Program or School	Role	Current Position
1996-1999	David Corradi	MSc., Oral Biology, UCSF	Mentor, Research Advisor	Private practice
1999-2002	Kevin Chen	MSc., Oral Biology, UCSF	Mentor, Thesis Advisor	Private practice
1999-2002	Mike Jee	MSc., Oral Biology, UCSF	Mentor, Thesis Advisor	Private practice, Asst. Clinical

				Professor, UCSF
2002-2005	Luis Kim	MSc., Mesenchymal and Craniofacial Biology, UCSF	Mentor, Thesis Advisor	Private Practice
2002-2005	Jimmy Choi	MSc., Mesenchymal and Craniofacial Biology, UCSF	Mentor, Thesis Advisor	Private Practice
2003-2005	Thuan Le	PhD, Oral and Craniofacial Sciences, UCSF	PhD Thesis Advisor	Asst Prof, UCSF
2008-2009	Rhadika Chigurapati	MSc, Global Health Sciences, UCSF	MSc Thesis Advisor	Assoc Prof, Boston University
2008-2011	Igor Roitman	MSc, Oral and Craniofacial Sciences, UCSF	MSc Thesis Advisor	Assistant Professor, UCSF
2009-2012	Alec Temlock	MSc, Oral and Craniofacial Sciences, UCSF	MSc Thesis Advisor	Private Practice

**POSTDOCTORAL FELLOWS DIRECTLY SUPERVISED OR MENTORED:**

Dates	Name	Program or School	Role	Current Position
2004-2006	Jianxia Hou	Post-Doc Researcher	Research Supervision, Mentor	Assoc Prof, U. Beijing, China
2004-2006	Sunita Ho	Post-Doc Researcher	Research Mentor	Asst Prof, UCSF
2004-2011	Venu Varanasi	Post-Doc Researcher	Research Supervision, Mentor	Assistant Prof, Texas A&M University
2013-2016	Tathyana Giannotti	NYU School of Public Health	Research Supervisor, Mentor	MPH/Post doctoral student, NYU
2017-present	Natalia De Campos	University of Sao Paulo, Brazil	Post-doctoral Fellow	Post-doctoral fellow

**FACULTY MENTORED:**

Dates	Name	Program or School	Role	Current Position
2009-2011	Venu Varanasi	School of Dentistry	Research and Career Mentor	Assist Prof, Baylor Texas A&M
2009-2011	Sirra Owibijwee	School of Dentistry	Research and Teaching Mentor	Assoc Prof, Muhumbili University of Allied Health Sciences, Dar Es Salaam, Tanzania
2005- 2013	Rebecca Diettinger	School of Dentistry	Teaching Mentor	Associate Professor
2010-2012	Derek Chow	School of Dentistry	Teaching, Career Mentor	Assistant Professor
2012	Brian Bishop	School of Dentistry	Career, Research Mentor	Assistant Professor
2013-present	Yvonne Buischi	NYU College of Dentistry	Research Mentor	Clinical Associate Professor

2013-2018	Julie Yip	NYU College of Dentistry	Research Mentor	Associate Professor
2013-2019	Sang-Choon Cho	NYU College of Dentistry	Career, Research Mentor	Clinical Associate Professor
2013-2109	Vera Tang	NYU College of Dentistry	Career, Teaching Mentor	Clinical Associate Professor
2013-2018	Ismael Khouly	NYU College of Dentistry	Research Mentor	Clinical Assistant Professor
2016-2018	Leila Solitani	NYU College of Dentistry	Career, Research mentor	Clinical Assistant Professor
2017-2019	Babak Hamidi	NYU College of Dentistry	Research, Teaching mentor	Clinical Assistant Professor
2018-present	Maryse Manasee	NYU College of Dentistry	Research, Career Mentor	Clinical Assistant Professor
2019-present	Nima Mensikai	Ut Health San Antonio	Research, Academic mentor	Clinical Assistant professor
2019-present	Suman Challa	Ut Health San Antonio	Research mentor	Associate professor

#### Advanced Education in General Dentistry Teaching:

2002-2004      AEGD Residents    Clinical instruction to AEGD residents. 3 hours / week.  
2016-2019      AEGD Residents    3 hours / week seminars and clinical teaching

#### TEACHING AND MENTORING AND AWARDS:

1998-99      UCSF School of Dentistry Dental Student Association Clinical Instructor Award  
1999-00      UCSF School of Dentistry Dental Student Association Clinical Instructor Award  
1999-00      Xi Psi Phi Fraternity Teaching Recognition Award  
2000-01      UCS F Department of Stomatology Outstanding Teacher Award  
2001          UCSF School of Dentistry Dr. Robert Hutson Award  
2003          American College of Dentists Award  
2005          Pierre Fauchard Dental Society Award  
2005          American Academy of Periodontology Educator Award  
2007          UCSF School of Dentistry, IDP Teaching Award  
2013          American Academy of Periodontology Outstanding Educator Award  
2017          American Academy of Periodontology Outstanding Educator Award

**RESEARCH AND CREATIVE ACTIVITIES:**

**RESEARCH KEYWORDS / AREAS OF INTEREST:**

Bone, osteoblasts, osteoclasts, periodontology, dental education, microbiome, microgravity, ergonomics, health care work force, global health, haptics, health policy, periodontal-systemic interrelationships

**RESEARCH ACTIVITIES:**

**CURRENTLY FUNDED:**

Ministry of Education and Knowledge, Govt of Abu Dhabi (Co-PIs: Loomer, Eid) 01/01/20-12/31/2025  
Role: Principle-Investigator

**Haptic Technologies for Clinical Surgical Simulation in Dentistry**

The purpose of this project is the development and testing of novel haptic tools and technology applications for teaching clinical simulation skills to dental and dental hygiene students.

San Francisco Foundation, Henry Schein Cares Foundation (Co-PI: Loomer)  
Role: Principal Investigator

07/01/16-06/01/23

**Kenyan Oral Health Education Study (KOES)**

The purpose of this project is to evaluate the effects of preventive strategies on oral and general health in school children in Kenya. Two different social environments will be compared, as will the effectiveness of using allied health care workers in the delivery of prevention. The project is a collaboration of NYU, Meru (Kenya) Methodist University and the University of Nairobi (Kenya).

Colgate-Palmolive Inc. (Co-PI: Loomer)  
Role: Principle-Investigator

08/30/16-08/30/22

**Oral Health in Kenya**

The purpose of this project is to improve oral health services for underserved populations in Kenya through novel education, therapies and workforce solutions.

**SUBMITTED**

NIH/RECOVER

Role: Principle investigator

**The effect of Long COVID-19 on Oral Health**

The purpose of this study is to evaluate oral health in patients with Long COVID-19. The relationship will be studied bidirectionally. Further we will analyze saliva and microbial biomarkers.

CIPRIT: Cancer Prevention and Research Institute of Texas

Role Principle Investigator

**Impact of oral health care on Head and Neck Cancer Patients**

The purpose of this study is to evaluate the impact of dental care in patients treated for head and neck cancer. We will evaluate the impact in underserved populations with limited access to care throughout South Texas.



**IN PREPARATION FOR RESUBMISSION:**

NIH/NIDCR (PI: Loomer)

Role: Co-Principle Investigator

**Supporting diabetes screening and glycemic control in periodontal patients**

The purpose of this study is to evaluate as dentists how to effectively communicate with, and support periodontal patients about diabetes risk, HbA1c testing, prevention, and management. This will increase diabetes-related care for dentists' current patients, as and effective, knowledgeable communication about the periodontitis/diabetes connection can lead to (a) identification of undiagnosed pre-diabetes and diabetes, (b) improvement in HbA1c levels, (c) monitoring of glycemic levels in those diagnosed, and (d) changes in patients' diabetes-related goals, perceptions, values, emotions, and health-enhancing behaviors.

**COMPLETED FUNDED RESEARCH:**

NIH-NIDA (PI: Gournevitch) P25

06/30/17-06/30/19

Role: Co-Co-Principle Investigator (Dentistry PI)

**Substance Abuse Research Education and Training**

The primary goal of this initiative is to design, implement and evaluate a substance abuse research training program for physicians, nurses, dentists, and public health professionals that will stimulate participants' interest in pursuing careers in drug abuse research. Learners, motivated by their participation in this curriculum will be offered participation in a broad range of NIDA-funded research opportunities, fostering research engagement with a seasoned mentor.

International Congress of Oral Implantology Foundation (PI: Loomer)

01/01/16-01/01/19

Role: Principle-Investigator

**Development of a Database for Implant Complications**

The purpose of this study is to develop a comprehensive database of complications of dental implantology at NYU College of Dentistry. The database will be used to study the relationship of implant complications to a variety of patient factors.

NYU Provost's Global Research Initiatives Program (Co-PIs: Loomer, Eid)

03/01/16-03/01/19

Role: Principle-Investigator

**Haptic Technologies for Teaching Clinical Surgical Skills in Dentistry**

The purpose of this project is the development and testing of novel haptic tools and technology applications for teaching clinical simulation skills to dental and dental hygiene students.

NYU College of Global Public Health (Co-PIs: Loomer, Weitzman)

03/01/15-03/01/19

Role: Co-Principle Investigator

**Effect of Hookah Smoke on Oral Health and Microbiome in Dubai, UAE & New York, NY**

The purpose of this study is to evaluate the effect of hookah smoke on periodontal disease, caries and the oral microbiome.

NYUCD Office of International Programs (PI: Hirsch)

01/01/16-01/01/18

Role: Co-P-Investigator

**Oral and General Health Status of Mothuka District, Rajasthan, India**

The purpose of this study is to determine the health status and systems of Mothuka district in Rajasthan. The information will be used to help formulate public health policy surrounding healthcare access in this rural economically challenged region, and be used to design healthy interventions for children and adults alike.

NIH/UCSF Subcontract (PI: Relman, Stanford University) RO1

06/30/13-06/30/18 Role:

Consultant (former Co-PI when I was at UCSF)

**Oral microbial communities of Sjogrens syndrome patients**

The purpose of this project is the evaluation of decreased salivary flow on the oral supra- and subgingival microbiome. This includes subjects with Sjogren's syndrome, as well as drug-induced hyposalivation.

NYU Office of the Global Network (PI: Hirsch)

Role: Co-Investigator

01/01/14-12/31/17

**Diabetes and Periodontal Disease in Ghana**

The purpose of this study is to evaluate the prevalence and severity of periodontal disease in the diabetic population in Ghana, and subsequently develop and implement a health promotions program addressing the needs of the population.

NIH/NHLBI1U01HL098964-01 (PI:Huang)

09/01/09-07/31/13

Role: Co-Investigator

**Lung Microbiome in Cohorts of HIV-infected Persons (Lung Microchip) Study**

The major goals of this study were to evaluate the lung and oral microbiome and periodontal disease status in HIV-infected and non-infected persons with regards to anti-retroviral therapy, opportunistic pneumonia, associated infections.

NIH/Aids Clinical Trials Group (ATCG)

01/01/11-12/31/13

Role: Consultant

**ACTG Oral HIV/AIDS Research Alliance (OHARA) Collaborative Science Group**

OHARA is a Collaborative Science Group (CSG) within the ACTG redesigned infrastructure. We test low-intensity, inexpensive interventions that may be delivered by both dental and non-dental health care providers to treat and/or prevent oral and dental diseases in HIV-infected adults (within the ACTG) and children.

Bill and Melinda Gates Foundation #51436 (PI: MacFarlane)

11/1/08-10/31/11

Role: Co-Investigator

**MUHAS-UCSF Academic Learning Project to Address the Health Workforce Crisis in Tanzania**

The major goal of this project to help develop a curriculum at Muhimbili University Health Sciences Centre that meets the needs of the population of Tanzania in terms of health care and scientific research.

CDC/NIOSH R01 OH008892-01A2 (PI:Rempel)

8/1/08-7/31/11

Role: Co-Investigator

**Effect of tool design on hand pain in dental practitioners**

The major goal of this project is to obtain a randomized controlled trial to evaluate the effects of a new dental tool handle design on hand and arm symptoms and function among dental hygienists and dentists.

NIH R25 TW007512-01A2 (PI:Novotny/Stewart)

09/10/08-08/31/11

Role: Co-Investigator

**Framework Program for Global Health**

The major goal of this project is to develop UCSF Global Health education programs through curriculum development create experiences for multidisciplinary teams in global health from UCSF and UC-Berkeley

UCSF Research Grant (PI: Loomer)

12/1/09-12/31/11

Role: Principal Investigator

**Biomolecular Mechanisms of Tobacco on Bone Metabolism**

The major objective is the evaluation of the effects of tobacco on osteoblast and osteoclast gene expression in a novel in vitro co-culture model system

NIH/NIDCR T32 DE-07306 (PI: Marshall/Den Besten)

7/1/06-6/30/11

Role: Associate Director

**Comprehensive Oral Health Program**

The major goal of this project is to retain the undergraduate and graduate students as well as faculties.

NIH/NIDCR R01 DE11289 (PI:Tomsia)

7/1/97-11/01/09

Role: Co-Investigator

**Graded Bioactive Coatings for Implants**

The major goals of this project are to develop coatings for metal implants that match the thermal expansion coefficient at the metal and are bioactive on the surface.

NIH Pioneer Award / Stanford Univ. Subcontract (PI:Relman)

08/01/08-07/30/09

Role: Co-Investigator

**Stability of the Human Subgingival Microbial Communities**

The goal of this project is to evaluate the oral microflora of the periodontium, from health to severe disease.

NIH/NIDCR/TIGR 1R01DE014868-01A2 (PI:Gill)

08/01/04-07/31/07

Role: Co-Investigator

**Community Genomics of the Human Oral Microbiome**

The goal of this project is to evaluate the oral microflora of the periodontium, from health to severe disease.

Sunstar Butler, Inc. (PI:Armitage)

08/01/05-07/31/07

Role: Co-Investigator

**Clinical Trial of Treatment with Perioline Gel for Adults with Periodontal Disease**

Canadian Space Agency (PI: Loomer)

07/01/96--6/30/00

Role: Principle Investigator

**Effect of Microgravity on Osteogenesis**

The goal of this study was to investigate the gene expression of osteoblast cells exposed to a microgravity environment on Space Shuttle mission STS-98.

UCSF Instructional Media Prog. (PI: Loomer)

07/01/04-07/01/05

Role: Principle Investigator

**Multimedia Education Modules for the Diagnosis and Classification of Periodontal Diseases**

The major goal of this project is the development of a multimedia instructional module for students and dental faculty regarding the diagnosis and classification of Periodontal Diseases

Milestone Scientific, Inc. (Co-PIs: Perry, Loomer)

07/01/99-06/30/01

Role: Co- Principal Investigator

**The efficacy of a computer-delivered local anesthesia during therapeutic scaling and root planing.**

Shofu Inc. (PI: Ryder)

07/01/01-6/30/02

Role: Co-Investigator

**A training and calibration study to examine the efficacy of Norian SRS bone graft material in the surgical treatment of periodontal osseous defects.**

UCSF Academic Senate. (PI: DenBesten, Loomer)

12/01/02

Role: Co-P.Investigator

**Microplate Reader.**

Shared equipment grant.

NIDCR (PI: Lane)

7/1/02-76/30/04

Role: Co-Investigator

**Comprehensive Oral Health Center for Discovery  
(New Strategies for Enhancing Tissue Integrity and Repair Project 6: "Effects of bisphosphonates and PTH on mandibular bone density")**

UCSF Instructional Media Grant Program (PI)

1/1/04-12/31/05

Role: Principal Investigator

**Multimedia Education Modules for the Diagnosis of Periodontal Diseases**

**PEER REVIEWED PUBLICATIONS:**

1. Goziotis A and Loomer PM. Proteinaceous constituents of human saliva. Part I: UT Dent J. 5(2):17-23, 1992.
2. Loomer PM and Goziotis A. Proteinaceous constituents of human saliva. Part II: the mucins. UT Dent J. 6(1):21-32., 1992.
3. Goziotis A and Loomer PM. Therapy for adult periodontitis. Oral Health. 83(10):34, 1992
4. Loomer PM and Goziotis A. Diagnosis and treatment of periodontal diseases. Oral Health. 83(10):9-12, 1994.
5. Loomer PM, Sigusch B, Sukhu B, Ellen RP and Tenenbaum HC. Direct effects of sonicated extracts and metabolic products of *Porphyromonas gingivalis* on osteogenesis *in vitro*. Infection and Immunity. 62:4:1289-1297, 1994.
6. Loomer PM, Ellen RP and Tenenbaum HC. Characterization of the inhibitory effects of periodontal pathogens on osteogenesis *in vitro*. Infection and Immunity. 63:3287-3296, 1995.
7. Loomer PM, Ellen RP and Tenenbaum, HC. Effects of *Porphyromonas gingivalis* 2561 extracts on osteogenic and osteoclastic cell function in co-culture. Journal of Periodontology. 69:1263-1270, 1998.
8. Loomer PM, Ellen RP and Tenenbaum, HC. Osteogenic and osteoclastic cell interaction: development of a co-culture system. Cell & Tissue Research. 294: 99-108, 1998.
9. Loomer PM. The impact of microgravity on bone metabolism *in vitro* and *in vivo*. Critical Reviews in Oral Biology and Medicine. 12(3):252-261, 2001.
10. Perry D and Loomer PM. Maximizing Pain Control. Dimensions in Dental Hygiene. 1:26-29, 2003.
11. Listgarten MA and Loomer PM. Microbial Identification in the Management of Periodontal Diseases. Ann Periodontol. 8:182-192, 2003.
12. Ryder M, Hyun W, Loomer PM and Haqq C. and Loomer PM. Tobacco Smoke Alters Gene Expression of Peripheral Mononuclear Cells. Oral Microbiol Immunol. 19:39-49, 2004.
13. Loomer PM. Microbiological Diagnostic Testing in the Treatment of Periodontal Diseases. Periodontology 2000. 34:49-56, 2004
14. Loomer PM and Perry D. Comparison of Computer-Controlled Delivery to Syringe Delivery of Local Anesthetic During Therapeutic Scaling and Root Planing J Am Dent Assoc. 135:358-365, 2004.
15. Perry D, Gansky S and Loomer PM. Efficacy of Transmucosal lidocaine During Periodontal Therapy. J Clin Periodontol. 32:590-594, 2005.
16. Lane N, Armitage GC, Loomer PE, Hsieh S, Majumdar S, Wang HY, Jeffcoat M and Munoz T. Bisphosphonate Therapy Improves the Outcome of Conventional Periodontal Therapy: Results of a 12-Month, Randomized, Placebo-Controlled Study. J Periodontol 2005; 76:1113-22.
17. Dong, H, Barr A, Loomer, PM and Rempel D. The effects of finger rest positions on hand muscle load and pinch force in simulated dental. J Dent Edu 69:453-60, 2006.
18. Dong, H, Barr A, Loomer, PM, LaRoche, C, Young, E and Rempel D. The effects of periodontal instrument handle design on hand muscle load and pinch force. J Am Dent Assoc. 137:1123-1130, 2006.
19. Varanasi, VG, Vallortigara, T, Loomer, PM, Saiz, E, Tomsia, AP, Marshall, SJ, and Marshall, GW. Improving Biomaterials from a Cellular Point of View. Mat Res Soc Symp Proc. 925:BB03-02, 2006.
20. Dong, H, Loomer, P, Villaneuva, A, and Rempel, D. Pinch forces and instrument tip during periodontal scaling. J Periodontol. 78:97-103, 2007.

21. Dong, H, Loomer, PM, Barr, A, LaRoche, C, Young, E and Rempel D. The effect of tool handle shape on hand muscle load and pinch force in a simulated dental scaling task. *Applied Ergonomics* 38, 525-531, 2007.
22. Johnson, B, Loomer, PM, Leigh, J. Influence of Dental Colleges on Communities. *J Am Dent Assoc.* 2007 Oct;138(10):1366-71.
23. Varanasi VG, Saiz E, Loomer PM, Ancheta B, Uritani N, Ho SP, Tomsia, AP, Marshall SJ, Marshall GW. Enhanced osteocalcin expression by osteoblast-like cells (MC3T3-E1) exposed to bioactive coating glass (SiO<sub>2</sub>-CaO-P<sub>2</sub>O<sub>5</sub>-MgO-K<sub>2</sub>O-Na<sub>2</sub>O system) ions. *Acta Biomaterialia* 9:3536-47, 2009.
24. Hou JX, Loomer PM. [Hypoxia regulates osteogenic differentiation of human periodontal ligament stem cells]. *Zhonghua Kou Qiang Yi Xue Za Zhi.* 44(9):543-7. Chinese. 2009
25. Bik EM, Long CD, Armitage GC, Loomer P, Emerson J, Mongodin EF, Nelson K, Gill SR, Fraser-Liggett CM, and Relman DA. Bacterial diversity in the oral cavity of ten healthy individuals. *ISME J.* 4(8):962-74, 2010.
26. Pride DT, Sun C, Salzman J, Rao N, Loomer PM, Armitage GC, Banfield J and Relman DA. Analysis of streptococcal CRISPRs from human saliva reveals substantial sequence diversity within and between subjects over time. *Genome Res* 21; 126; 2011
27. Varanasi VG, Owyong J, Uskokovic V, Saiz E, Marshall SJ, Marshall GW, Loomer PM. The Ionic Products of Bioactive Glass Particle Dissolution Enhance Periodontal Ligament Fibroblast Osteogenesis., *J Biomed Mater Res A.* 10; 1002, 2011
28. Pride DT, Salzman J, Haynes M, Rohwer F, Davis-Long C, White RA, Loomer PM, Armitage GC, Relman DA. Evidence of a robust resident bacteriophage population revealed through analysis of the human salivary virome. *The ISME Journal*, Dec 8. doi: 10.1038/ismej.2011.169, 2011
29. Varanasi V, Leong KK, Jue SM, Dominia LM, Loomer PM, Marshall GW. Si and Ca Combinatorially target and enhance early MC3T3-E1 osteoblast expression of osteocalcin. *J Oral Implantol.* 2012 Mar 1. [Epub ahead of print)
30. Varanasi VG, Leong KK, Dominia LM, Jue SM, Loomer PM, Marshall GW. Si and Ca individually and combinatorially target enhanced MC3T3-E1 subclone 4 early osteogenic marker expression. *J Oral Implantol.* 2012 Aug;38(4):325-36. PMID: 22913306; PMCID in process.
31. Rempel D, Lee D, Dawson K and Loomer PM. Effect of periodontal curette handle design on arm pain: A 4-month randomized controlled trial of dentists and dental hygienists. *Journal Am Dent Assoc* 2012 Oct;143(10):1105-13. PMID: 23024308
32. Loomer PM, Mumghamba E, Masaslu J and D Perry. New curriculum in dentistry for Tanzania: competency-based education for patient and population health (2008-2011). *J Public Health Policy.* 2012;33 Suppl 1:S92-109. doi: 10.1057/jphp.2012.39.
33. Saffarian Tousi N, Bishop TJ, Leong KK, Barkhordar N, Marshall N, Loomer PM and Varanasi V. Combinatorial Effect of Si<sup>4+</sup>, Ca<sup>2+</sup>, and Mg<sup>2+</sup> Released from Bioactive Glasses on MC3T3-E1 Subclone 4 Osteocalcin Expression and Biomineralization. *Mater Sci Eng C Mater Biol Appl.* 2013 Jul 1; 33(5):2757-65.
34. Loomer, P. Developing training programmes for faculty in CBE and current clinical teaching methodologies as part of curricular reform. *Tropical Med Int Health* 2013 18:39
35. Interprofessional education and multidisciplinary teamwork for prevention and effective management of periodontal disease. Kumarswamy A, Jin L, Iacono V, Byakod G, Chiu G, Duygu I, Fernandes B, Kemal Y, Loomer P, Masud M, Narongsak L, Pillai N, Shorab M, Tan B, Thakur R, Xuan DY, Zhang JC. *Journal Int Acad Periodontol.* 2015 Jan;17:84-6.
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38. Sang-Choon Cho, Stuart J. Froum, Angela R. Kamer, Peter M. Loomer, Georgios Romanos, and Burak Demiralp, Implants in the Anterior Maxilla: Aesthetic Challenges. *International Journal of Dentistry,* 2015:2015:152420. DOI: 10.1155/2015/152420.
39. Loomer P and Buischi Y. Promoting oral and general health behaviors in rural Kenyan school children- challenges in private versus public school settings. *Annals of global health.* 2015:81(1):96.

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41. Varanasi V, Odatsu T, Bishop T, Cheng J, Owyong J, Loomer PM. Enhanced Osteoprogenitor Collagen Expression and Elongated Collagen Fiber Matrix Density by Bioactive Glass Ionic Silicon Dependent on Sp7 (Osterix) Transcription. *J Biomed Mater Res A*. 2016 Jun 9. doi: 10.1002/jbm.a.35795.
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45. Loomer PM. Improving health globally through education. *J Acad Dist Ed* 2017 5;1: 12-14.
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51. Gomes-Filho IS, Pinheiro SMS, Vieira GO, Alves TDB, Cruz SSD, Figueiredo ACMG, Mota ELA, Oliveira NF, Passos-Soares JS, Trindade SC, Vieira TO, Loomer PM. Exclusive breast-feeding is associated with reduced pacifier sucking in children: Breast-feeding and pacifier-sucking habit. *J Am Dent Assoc*. 2019 Sep 13. pii: S0002-8177(19)30412-X. doi: 10.1016/j.adaj.2019.06.002
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54. An accuracy study of the clinical diagnosis of periodontitis in pregnant women. Conceição SDS, Gomes-Filho IS, Coelho JMF, Brito SM, Silva RB, Batista JET, Figueiredo ACMG, Hintz AM, Lyrio AO, Souza ES, Pereira MG, Loomer PM, Cruz SSD. *J Periodontol*. 2021 Sep;92(9):1243-1251. doi: 10.1002/JPER.20-0441. Epub 2020 Dec 14.
55. Bi-manual Haptic-based Periodontal Simulation with Finger Support and Vibrotactile Feedback. Chehabeddine S, Jamil MH, Park W, Sefo D, Loomer PM, Eid M. 2020. *Proceedings of ACM Transactions on Multimedia Computing, Communications, and Applications (TOMM)*. 17 pp. <https://doi.org/10.1145/1122445.1122456>
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60. Multifaceted Impact of COVID-19 on Dental Practice: American Dental Professionals Prepared and Ready During Unprecedented Challenges, Bsoul EA, Challa SN, Loomer PM, *The Journal of the American Dental Association* (2021), doi: <https://doi.org/10.1016/j.adaj.2021.07.023>.
61. Mitigating The Impact of COVID-19 on Dental Education and The Resumption of Patient Care: The UT Health San Antonio Experience. Bsoul E, Loomer PM. *J Interdisc Contemp Dent*, Vol.2, No.1, e002, 2021
62. COVID-19 vaccination experience among United States dental professionals and students: Safety, confidence, concerns, and side effects. Bsoul EA, Loomer PM. *PLoS One.* 2022 Feb 22;17(2):e0264323. doi: 10.1371/journal.pone.0264323. PMID: 35192657; PMCID: PMC8863258.
63. Obesity in young women is positively associated with periodontitis. Daline OC, Gomes-Filho, Seixas da Cruz, Trindade SC, Santos KOB, Sarmento V, Freitas TOB, Rosario dos Santos H, Hintz AM, Santos P, Figueiredo A, Loomer PM and Passos-Soares J. 2022 May 28. *Clinical Oral Investigations* <https://doi.org/10.1007/s00784-022-04563-1>
64. Periodontitis severity relationship with metabolic syndrome: A systematic review with meta-analysis. Rosário-Dos-Santos HL, Miranda SS, Gomes-Filho IS, Cruz SSD, Figueiredo ACMG, Souza ES, Hintz AM, Loomer PM, Passos-Soares JS. *Oral Dis.* 2022 Nov 8. doi: 10.1111/odi.14428. PMID: 36346175.
65. Mothers' high glycemic levels and the association between periodontitis and low birth weight. Gomes-Filho IS, Trindade SC, da Cruz SS, Figueiredo ACMG, Hintz AM, Adan LFF, Cerqueira EMM, Passos-Soares JS, Vianna MIP, Coelho JMF, Alves CMC, Barreto ML, Seymour GJ, Loomer PM, Scannapieco FA. *J Periodontol.* 2022 Jul;93(7):954-965. doi: 10.1002/JPER.21-0406. Epub 2022 Feb 7. PMID: 34792204.
66. Concentration on the relationship between periodontitis and dyslipidemia. Gomes-Filho IS, Oliveira MT, da Cruz, Cerqueira EMM, Trindade SC, Vieira GO, Souza PHC, Adan LFF, Hintz AM, Passos-Soares JS, Scannapieco FA, Loomer PM, Seymour GJ, Figueiredo ACMG. *Oral Dis.* 2022 Aug 2. doi: 10.1111/odi.14329. Epub ahead of print. PMID: 35916684.

Submitted/In review:

64. Periodontitis and its Severity Levels Moderate and Severe are Factors Associated with Dyslipidemia. Isaac Suzart Gomes-Filho<sup>1</sup>, Michelle Teixeira Oliveira<sup>\*</sup>, Simone Seixas da Cruz<sup>2\*</sup>, Eneida de Moraes Marcílio Cerqueira<sup>\*</sup>, Soraya Castro Trindade<sup>\*</sup>, Graciete Oliveira Vieira<sup>\*</sup>, Paulo Henrique Couto Souza<sup>3</sup>, Luis Fernando. Submitted to *J Clin Periodontol*

**ABSTRACTS AT SCIENTIFIC MEETINGS:**

Upon request, there are over 150.

**NON-PEER REVIEWED PUBLICATIONS:**

**BOOKS AND CHAPTERS:**

1. **Periodontics: Medicine, Surgery and Implants Implants.** "Microbiology of Periodontal Disease" chapter. (co-author with G.C. Armitage). Editor: B. Mealey, 2004
2. **Periodontology for the Dental Hygienist.** "Microbiology of Periodontal Diseases" chapters (co-author with D. Perry), Editors: P. Beemsterboer and D. Perry, Elsevier, 2006
3. **Periodontology for the Dental Hygienist.** "Periodontal Surgery" chapter, (co-author with D. Perry) Editors: P. Beemsterboer and D. Perry, Elsevier, 2006
4. **Critical Decision Making in Periodontology.** "Localized and Generalized Aggressive Periodontal Diseases". Editor: L. Harpeneau, 2013
5. **Periodontology for the Dental Hygienist.** "Microbiology of Periodontal Diseases" chapters (co-author with D. Perry), Editors: P. Beemsterboer, D. Perry and G. Essex, Elsevier, 2013
6. **Periodontology for the Dental Hygienist.** "Periodontal Surgery" chapter, Editors: P. Beemsterboer, D. Perry, and G. Essex. Elsevier, 2013
7. **Peri-Implant Soft Tissue Management- A Clinical Guide.** "Role and importance of healthy mucosal tissues", Editor: Mohamed Hassan, In preparation.

**LECTURES AND PRESENTATIONS:**

**INVITED SCIENTIFIC PRESENTATIONS:**

1995, International Conference on Periodontal Research, Rochester, New York  
1995, Faculty of Dentistry, University of Toronto, Toronto, Ontario  
1996, Ontario Association of Dental Assistants and Nurses. Toronto, Ontario  
1996, Canadian Bone and Mineral Research Symposium, Montreal, Quebec  
1996, Faculty of Dentistry, University of British Columbia, Vancouver, BC  
1998, Faculty of Dentistry, Dalhousie University, Halifax, Nova Scotia  
1998, Faculty of Dentistry, University of Toronto, Toronto, Ontario  
1998, School of Dentistry, University of California San Francisco, CA  
2000, National Museum of Science, Ottawa, Ontario  
2000, American Society for Microbiology, Concord, CA  
2000, University of the Pacific Scientific Exchange Symposium, San Francisco, CA  
2004, The Sonoma Developmental Center, Eldridge, California  
2007, Osaka University-UCSF Periodontal Research Symposium, San Francisco, CA  
2007, New York University, College of Dentistry, New York, NY  
2008, First International Symposium on Computer Controlled Local Anesthetic Delivery, New Orleans  
2010, Muhumbili University of Health and Allied Sciences, School of Dentistry, Dar Es Salaam, Tanzania  
2010, Muhumbili University of Health and Allied Sciences, School of Medicine, Dar Es Salaam, Tanzania  
2010, American Dental Education Association, Commission on Change and Innovation, Cambridge, MA  
2011, Swami Vivekananda Memorial Hospital, Sargur, India  
2011, Universities in Transition for Better Health Outcomes Conference, Dar es Salaam, Tanzania  
2012, Global Oral Health Symposium: health professions capacity building conference, San Francisco, CA  
2012, New York University, College of Dentistry, New York, NY



2013, 8th European Congress on Tropical Medicine and International Health, Copenhagen, Denmark  
2013, New York University London, International Implantology Alumni Meeting, London, United Kingdom  
2014, University of Nairobi, Faculty of Dental Sciences, Nairobi, Kenya  
2014, Daraja Academy, Nanyuki, Kenya  
2014, International Association of Periodontology, Periodontology Conclave, Bangkok, Thailand  
2014, M S Ramaiah Dental College, Bangalore, India  
2014, International Association of General Dentistry, Annual Scientific Conference, Bangalore, India  
2014, Greater New York Dental Meeting, New York, NY  
2015, Scientific Week, Keynote Speaker, Universidad Francisco Marroquin, Facultad de Odontologia, Guatemala  
2016, Eurohaptics 2016, Imperial College, London, UK  
2016, GM School, Mothuka, Rajasthan, India  
2016, Muhumbili University of Allied Health, School of Dentistry, Dar es Salaam, Tanzania  
2016, 41<sup>st</sup> National Conference of Indian Society of Periodontology, Keynote Address, Nagpur, Maharashtra, India  
2016, Indian Dental Association Annual Meeting, Nagpur, Maharashtra, India, Talk on Peri-Implantitis  
2016, NYU Pediatric Dr. William Lynch Alumni Symposium, A Child's Microbiome: Oral Health and Beyond, NY, NY  
2017, New York Academy of Esthetic Dentistry, New York, NY  
2017, Al Jouf University, Saudi Arabia: 2017 International Dental Conference on Smile, keynote address  
2018, Abu Dhabi Public Health Think Tank Conference, Abu Dhabi. Improving oral health in the UAE, keynote address

**CONTINUING EDUCATION PRESENTATIONS:**

1999, UCSF Dental Alumni Association Annual Conference, San Francisco, CA  
2000, UCSF Dental Alumni Association Annual Conference, San Francisco, CA  
2002, Delta Dental Annual Symposium, San Francisco, CA  
2002, Rancho Bernardo Dental Study Club, Rancho Bernardo, CA  
2002, Seattle Dental Study Club, Seattle WA  
2002, Cypress Community College, Cerritos, CA  
2002, Irvine Dental Study Club, Irvine, CA  
2002, Brentwood Dental Study Club, Nashville TN  
2002, Santa Barbara Dental Hygiene Association, Santa Barbara CA  
2002, San Francisco Dental Hygiene Association, San Francisco, CA  
2002, Sacramento County Dental Society. Sacramento CA  
2002, Southern Costra County Dental Society. Newark, CA  
2003, Stanislaw County Dental Society. Modesto, CA  
2003, Southwestern College, San Diego CA  
2003, Pursuit Study Club. Sunnyvale, CA  
2003, West LA Study Club. Los Angeles, CA  
2003, San Diego County Association of Dental Hygienists. San Diego, CA  
2003, Indiana University, School of Dentistry, Indianapolis, IN  
2004, Chabot Community College, Hayward, CA  
2004, UCSF, Department of Preventative and Dental Sciences, San Francisco CA  
2004, Southwestern College, San Diego CA  
2004, Inland Empire Indian Dental Association, Riverside, CA  
2007, Externship Faculty Calibration, San Francisco, CA  
2010, UCSF School of Medicine, San Francisco, CA  
2011, UCSF-University of Pacific Dentistry Symposium, Wailea, HI  
2015, New York Dental Association, Second District Clinical Forum, New York, NY  
2016, NYU College of Dentistry, Management of Peri-Implantitis, New York, NY  
2017, NYU College of Dentistry, Oral Health in Kenya and Action Plan for Improvement, New York, NY  
2019, UT Health San Antonio, Haptics and Dental Training, San Antonio, TX  
2021, Daraja Academy, Oral Health, Nanyuki, Kenya (via Zoom)  
2021, IaCD Japan, Management of Perimplantitis, Haikoda, Japan (I was via zoom)

