

University of California, San Francisco

Curriculum Vitae

Prepared: December 18, 2003

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Name: Brian Thomas Bast

Date Of Birth: October 26, 1969

Current Title and Department: Health Science Assistant Clinical Professor
University of California, San Francisco
Department of Oral and Maxillofacial Surgery
School of Dentistry

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San Francisco, CA. 94143-0440

Education:

Dates Attended	Institution and Location	Degrees Conferred	Major Subject
1987-91	San Diego State University	B.S.	Biology
1992-97	Harvard School of Dental Medicine	D.M.D.	Dentistry
1997-98	University of California, San Francisco Dept. of Oral and Maxillofacial Surgery		Oral and Maxillofacial Surgery
1998-00	University of California, San Francisco School of Medicine	M.D.	Medicine
2000-2001	University of California, San Francisco Dept. of Surgery		General Surgery
2001-2003	University of California, San Francisco Dept. of Oral and Maxillofacial Surgery		Oral and Maxillofacial Surgery

Licensure:

- 1997 Massachusetts Dental License #19227
- 2002 California Medical License # A77023
- 2003 California Oral Surgery Permit #43
- 2003 California General Anesthesia Permit #1280
- 2006 Diplomat, American Board of Oral and Maxillofacial Surgery

Employment:

Principle Positions Held:

- 2004-Present Health Science Assistant Clinical Professor
University of California, San Francisco
Department of Oral and Maxillofacial Surgery
School of Dentistry
- 2003-2004 Temporary Assistant Clinical Professor
University of California, San Francisco
Department of Oral and Maxillofacial Surgery
School of Dentistry

Clinical Training and Experience:

- 1997 Oral and Maxillofacial Surgery Internship, Department of Oral and Maxillofacial Surgery, University of California, San Francisco.
- 2000 Resident Training, Department of Anesthesia, University of California, San Francisco.
- 2001 Second Year Resident (PGY2), Department of Surgery, University of California, San Francisco.
- 2002 Senior/ Chief Resident, Department of Oral and Maxillofacial Surgery, University of California, San Francisco.
- 2002 Micro Surgery Training, Department of Orthopedic Surgery, Division of Hand Surgery University of California, San Francisco.

Honors and Awards:

- 1991 American Western Universities Summer Research Fellowship
Lawrence Livermore National Laboratory.
- 1992 American Society for Clinical Pathologists Fellowship for Medical Students.
- 1993 American Student Dental Association, Award of Excellence.
- 1997 American Association of Oral and Maxillofacial Surgery Student Implant Research Award.
- 1998 American College of Oral and Maxillofacial Surgeons Certificate of Merit.

Keywords/Areas of Interest:

Maxillofacial Reconstructive surgery, Maxillofacial Trauma, Orthognathic Surgery, Maxillofacial Pathology, Implantology, Dental Alveolar Surgery

Professional Activity:

Clinical:

Assistant Clinical Professor, Department of Oral and Maxillofacial Surgery UCSF- Attend Clinics twice a week on the UCSF Campus, Attend Cases in the Operating Room one half day per week. Instruct residents, dental students and medical students in clinics, operating room and hospital wards. Practice focused on Orthognathic Surgery, Maxillofacial Pathology, Reconstructive Surgery, Dental Implants and Dentoalveolar Surgery.

Assistant Clinical Professor, Department of OMFS San Francisco General Hospital – Attend Clinic three days per week, Attend Cases in the Operating Room two days per week. Instruct residents, dental students and medical students in clinics, operating room and hospital wards. Director of dental student rotation at San Francisco General Hospital for 50% of senior dental class. Practice focused on Facial Trauma, Head and Neck Infections, Head and Neck Pathology and Dentoalveolar Surgery.

Professional Activity:

Membership in Professional Organizations:

Local

2003 – 2006 San Francisco Dental Society
2003 – 2006 San Francisco Medical Society

State

1997 – 2006 California Association of Oral and Maxillofacial Surgeons
2003 – 2006 California Dental Association
2003 – 2006 California Medical Association

National:

1992 Alpha Epsilon Delta, Pre Professional National Honor Society
1997 – 2006 American Association of Oral and Maxillofacial Surgeons
2003 – 2006 American Medical Association
2003 –2006 American Dental Association
2000 –2006 American Dental Society of Anesthesiology

Service to Professional Organization

2004 American Association of Oral and Maxillofacial Surgery/ 86th Annual Meeting.
Scientific Abstract Session Moderator.

2005 California Association of Oral and Maxillofacial Surgery
Chair, Resident Night Committee

2006 California Association of Oral and Maxillofacial Surgery
Chair, Residents Night Committee

Scientific and Professional Organization Presentations:

National:

1993 American Student Dental Association National Meeting, Boston MA.
First Delegate, Representing Harvard University.

1994 American Student Dental Association National Meeting, Washington, D.C.
First Delegate, Representing Harvard University.

- 1997 American Association of Oral and Maxillofacial Surgery National Meeting, Seattle, Washington.
“Oral Wound Healing Modulation by Salivary Hyaluronic Acid.”
- 1998 American College of Oral and Maxillofacial Surgeons National Meeting, Orlando Florida.
“Oral Wound Healing Modulation by Salivary Hyaluronic Acid.”
- 2000 American Association of Oral and Maxillofacial Surgery National Meeting, San Francisco, CA.
“Apoptotic Proteins and Matrix Metalloproteinases in the Odontogenic Myxoma.”

Regional:

- 1997 Harvard Medical School, Soma Weise Research Symposium. Boston, MA.
“Wound Healing Around Implant Material in the Diabetic Rat.”
- 2006 Alameda County Dental Society Annual Meeting.
“The Medical Evaluation of the Dental Patient.”

UCSF

- 1998 University of California, San Francisco. Dept. of Oral and Maxillofacial Surgery Grand Rounds.
“Hemi-Facial Microsomy: Diagnosis and Treatment.”
- 2000 University of California, San Francisco. Dept. of Oral and Maxillofacial Surgery Grand Rounds.
“Orbital Trauma: Diagnosis and Treatment.”
- 2001 University of California, San Francisco. Dept of Oral and Maxillofacial Surgery Implant Conference. “Maxillary Sinus Bone Grafting.”
- 2002 University of California, San Francisco. Dept of Oral and Maxillofacial Surgery Implant Conference. “Implants in the Anterior Maxilla.”
- 2002 University of California, San Francisco. Dept of Oral and Maxillofacial Surgery Implant Conference. “Evaluation and Treatment of Nerve Injuries Associated With Dental Implants.”
- 2002 University of California, San Francisco. Dept of Oral and Maxillofacial Surgery Implant Conference. “Case Presentations.”
- 2002 University of California, San Francisco. Dept of Oral and Maxillofacial Surgery Grand Rounds.
“The Temporalis Myofacial Flap in Temporomandibular Joint Reconstruction.”
- 2003 University of California, San Francisco School of Dentistry Research Day. San Francisco, CA.
“Apoptotic Proteins and Matrix Metalloproteinases in the Odontogenic Myxoma.”
- 2004 University of California, San Francisco. Dept of Oral and Maxillofacial Surgery Grand Rounds.
“Endoscopic Assisted Repair of Mandibular Subcondylar Fractures Rounds.”
- 2004 University of California, San Francisco. Dept. of Oral and Maxillofacial Surgery Grand Rounds
“The Initial Evaluation of the Maxillofacial Trauma Patient.”
- 2005 University of California, San Francisco. School of Dentistry
First Year Class Orientation – Introduction to Oral and Maxillofacial Surgery.
- 2005 University of California, San Francisco. School of Dentistry
Undergraduate Mentorship Program – Introduction to Oral and Maxillofacial Surgery.

- 2005 University of California, San Francisco. School of Dentistry
Post-Baccalaureate Program – Introduction to Oral and Maxillofacial Surgery.
- 2005 University of California, San Francisco. School of Dentistry
Student Mentorship Night –The Application Process for Residency in Oral and Maxillofacial Surgery.
- 2006 University of California, San Francisco. Dept. of Oral and Maxillofacial Surgery Grand Rounds
“The Initial Evaluation of the Maxillofacial Trauma Patient.”

San Francisco General Hospital

- 2004 Medical Executive Committee/ Annual Report for the Department of Oral and Maxillofacial Surgery.
- 2004 Performance Improvement and Patient Safety Committee. Review of Departmental Projects.
- 2004 UCSF Business Managers Meeting as SFGH. OMFS Department Presentation.
- 2005 Performance Improvement and Patient Safety Committee. Review of Departmental Projects.
- 2005 Medical Executive Committee/ Annual Report for the Department of Oral and Maxillofacial Surgery.
- 2006 Medical Executive Committee/ Annual Report for the Department of Oral and Maxillofacial Surgery.
- 2006 Performance Improvement and Patient Safety Committee. Review of Departmental Projects.

Postgraduate and Continuing Education Courses Attended

Met requirements for Continuing Education for both Medical and Dental Licensure in California.

- 2002 American Association of Oral and Maxillofacial Surgery National Meeting, Chicago, Ill.
- 2003 AO/ASIF Cosmetic Surgery, Advanced Course. San Francisco, CA.
- 2003 University of the Pacific School of Dentistry
Oral and Maxillofacial Surgery: Past, Present and Future.
Hugo Obwegeser, Leonard Kaban, Joachim Obwegeser
- 2003 AO/ASIF Minimally Invasive Surgery/ Endoscopic Approaches to Mandibular Fixation.
Chicago, Illinois.
- 2004 Massachusetts General Hospital/Department of Oral and Maxillofacial Surgery.
Endoscopy for Mandibular Reconstruction and Salivary Disease.
- 2005 International Symposium in Oral and Maxillofacial Surgery/Symposium Co-Director
- 2005 Robert Marx Oral and Maxillofacial Pathology Review Course
- 2005 AO/ASIF: Management of Craniomaxillofacial Surgery-Mandibular Trauma.
- 2005 38th Annual Refresher Course in Oral and Maxillofacial Surgery.
Denver, Colorado.

University Service

2004	Member of Panel Review of Dental Clinic Services for Laguna Honda Hospital
2004	SFGH/ Performance Improvement and Patient Safety Committee.
2004	SFGH/Moderate Sedation Committee.
2004	Oral and Maxillofacial Surgery Trauma Conference – Provides 2 hours of continuing dental education per Month. (Instructor)
2005	International Symposium in Oral and Maxillofacial Surgery/Symposium Co-Director
2005	UCSF Patient Simulation Committee
2006	UCSF School of Dentistry Mentor Night .
2006	UCSF School of Dentistry: Scholarship Committee
2006	UCSF School of Dentistry: Executive Admissions Committee

Teaching and Curriculum Involvement:

1994, 95	Harvard School of Dental Medicine, Curriculum Committee Representative.
1994, 95	Harvard School of Dental Medicine. Oral Radiology, Oral Pathology Course Design Committee.
2000	Harvard School of Dental Medicine. Oral Biology, Section Instructor.
2002	University of California, San Francisco. Dept of Oral and Maxillofacial Surgery. Organized 16 Orthognathic Treatment Planning Conferences.
2002	University of California, San Francisco. Dept of Oral and Maxillofacial Surgery Organized 16 Departmental Service Meetings.
2003	University of California, San Francisco. School of Dentistry Board Review Course for Senior Dental Students.

Teaching and Mentoring:

Formally Scheduled Classes for UCSF Students:

Quarter	Academic Year	Course Number and Title	Nature of Contribution	Units	Annual Hours	Class Size
Su	2002	130.01 Dentoalveolar Surg	1 Lect	1	1	110
Su	2003	130.01 Dentoalveolar Surg	1 Lect	1	1	110
F	2003	130.02 Pain and Anxiety Control	2 Lect	1	2	110
All	2003	109 Clinical Oral Surgery Rotation		7	20/week	4
F	2003	471 Applied Surgical Anatomy	4 Lect	1	4	5
Su	2004	136.01 Patient Centered Care	1 Lect	1	1	110
F	2004	127.00 Local Anesthesia	1 Lect	1	1	110
F	2004	136.02 Sedation	2 Lect	1	2	110
All	2004	109 Clinical Oral Surgery Rotation		7	20/week	4
S	2005	118 BioMedical Sciences	3 Lect	1	3	110
S	2005	118 BioMedical Sciences	9 Cases	1	20	110
Su	2005	136.01 Patient Centered Care	2 Lect	1	2	110
F	2005	136.02 Patient Centered Care	2 Lect	1	2	110
F	2005	126 BioMedical Sciences	3 Lect	1	3	110
F	2005	471 Oral Surgery	4 Lect	1	4	7
W	2005	136.03 Patient Centered Care	1 Lect	1	1	110
All	2005	109 Clinical Oral Surgery Rotation		7	20/week	4
S	2006	118 BioMedical Sciences	3 Lect	1	3	110
F	2006	136 Patient Centered Care	2 Lect	1	2	110

Post Graduate and other Courses:

- 2005 University of California, San Francisco School of Dentistry
International Symposium in Oral and Maxillofacial Surgery/Symposium Co-Director
- 2006 University of California, San Francisco School of Dentistry
International Symposium in Oral and Maxillofacial Surgery/Symposium Co-Director
- 2007 University of California, San Francisco School of Dentistry
International Symposium in Oral and Maxillofacial Surgery/Symposium Co-Director

Post Doctoral Fellow and Resident Supervision and Mentoring

- 2004 Jim Closmann D.D.S. United States Army/Oral and Maxillofacial Surgery. One Year Trauma Fellowship at San Francisco General Hospital.
- 2005 Terry Su D.D.S.- Clinical Research Fellow in Department of Oral and Maxillofacial Surgery at San Francisco General Hospital. Dr. Su is now a resident in the Department of Oral and Maxillofacial Surgery at UCSF.
- 2005 Sohail Saghezehi D.D.S. - Clinical Research Fellow in Department of Oral and Maxillofacial Surgery at San Francisco General Hospital.
- 2005 UCSF Department of Oral and Maxillofacial Surgery- Resident Mentor
Resident: Jae Jun D.D.S. – Supervised cadaver study evaluating surgical anatomy of peri-orbital structures.
Resident presented abstract of project at American Association of Oral and Maxillofacial Surgery National Meeting in Boston, MA.
Abstract of project published in the Journal of Oral and Maxillofacial Surgery.

Pre Doctoral Student Mentoring Activity

- 2005 UCSF School of Dentistry-Student Mentor
Student: Nas Sedifi – Supervised clinical study evaluating outcomes of treatments of mandibular fractures in the HIV Positive Patient.
Student Awarded NIH Summer Student Research Fellowship.
Student Presented Poster at the 2005 UCSF School of Dentistry Research Day.
Student Presented Abstract at 2006 American Association of Oral and Maxillofacial Surgery National Meeting in San Diego.
- 2005 UCSF School of Dentistry-Student Mentor
Student: Greg Kolber – Supervised clinical study evaluating incidence of alcohol intoxication at the time of facial injury.
Student Presented Poster at the 2005 UCSF School of Dentistry Research Day.
- 2006 UCSF School of Dentistry-Student Mentor
Student: Rosa Estrada – Supervised clinical study evaluating the incidence of complications among patients who smoke in the perioperative period.
Student Awarded NIH Summer Student Research Fellowship.

Undergraduate and High School Student Supervision and Mentoring

- 2004 UCSF School of Dentistry/ Undergraduate Mentorship Program
Sponsored two undergraduate students during 10 Week program.
- 2005 UCSF School of Dentistry/ Undergraduate Mentorship Program
Sponsored two undergraduate students during 10 Week program.
- 2005 UCSF School of Dentistry/ High School Mentorship Program

Sponsored two students from Phillip and Sala Burton High School for 5 week program.

2006 UCSF School of Dentistry/ High School Mentorship Program.
Sponsored six students from Philip and Sala Burton High School for 5 week program.

2006 UCSF School of Dentistry/Undergraduate Mentorship Program
Sponsored two undergraduate students during 10 Week program

Summary of Teaching Hours:

2003-2004 800 total hours of teaching.
Formal Course Teaching hours: 10
Mentoring Hours: 40

2004-2005 800 total hours of teaching.
Formal Course Teaching Hours:15
Mentoring Hours: 40

2005-2006 900 total hours of teaching.
Formal Course Teaching Hours:15
Mentoring Hours: 50

Teaching Narrative

Research Activity:

1991,92 Associated Western Universities Research Fellowship, Lawrence Livermore National Laboratory. "The Cloning and Expression of Eukaryotic Immunoglobulin Fragments in a Prokaryotic Genome."

1994, 95 Harvard School of Dental Medicine
"Wound Healing Around Implant Material in the Diabetic Rat."

1997 Harvard School of Dental Medicine/ Massachusetts General Hospital.
Department of Oral and Maxillofacial Surgery.
"The Fixed Mandibular Implant in the Irradiated Mandible."

1997 University of California, San Francisco. Department of Oral and Maxillofacial Surgery.
"Oral Wound Healing Modulation by Salivary Hyaluronic Acid."

1999 University of California, San Francisco. Department of Oral and Maxillofacial Surgery.
"Apoptotic Proteins and Matrix Metalloproteinases in the Odontogenic Myxoma."

2001 University of California, San Francisco. Department of Oral and Maxillofacial Surgery.
"Patient Perceived Outcomes After Temporomandibular Joint Reconstruction with the Temporalis Flap."

2003 University of California, San Francisco. Department of Oral and Maxillofacial Surgery and Department of Psychiatry. "Post Traumatic Stress after Facial Trauma."

2003 University of California, San Francisco. Department of Oral and Maxillofacial Surgery and Department of Pathology. "Comparison of Fine Needle Aspiration and Final Pathology of Salivary Gland Lesions. "

- 2005 University of California, San Francisco. Department of Oral and Maxillofacial Surgery
Surgical Approaches to the Orbit, A Study of Anatomic Landmarks.
- 2005 University of California, San Francisco, Department of Oral and Maxillofacial Surgery
'The Etiology, Management and Outcome of Mandibular Trauma Treated at
San Francisco General Hospital'.
- 2005 University of California, San Francisco, Department of Oral and Maxillofacial Surgery
'The Etiology, Management and Outcome of Mid-Face Trauma Treated at San Francisco
General Hospital.'

Peer Reviewed Publications:

1. August M, Bast B, Jackson M, Perrott D. "Use of the Fixed Mandibular Implant in Oral Cancer Patients: A Retrospective Study." J Oral Maxillofac Surg. March, 1998. 56:297-301.
2. Bast B, Regezzi J, Pogrel MA. " Apoptotic Proteins and Matrix Metalloproteinases in the Odontogenic Myxoma." J Oral and Maxillofac Surg. December 2003. 61: 1463-1466

Abstracts:

1. Bast B, Stern M, Kaban L. "Oral Wound Healing Modulation by Salivary Hyaluronic Acid." J Oral Maxillofac Surg. August 1997. Vol55:8.
2. Bast B, Pogrel MA, Regezi J. "Expression of Apoptotic Proteins and Matrix Metalloproteinases by Odontogenic Myxomas." J Oral and Maxillofac Surg. August 2000. Vol 58:8.
3. Bast B, Jun J. "Surgical Anatomy of the Orbital Skeleton." J Oral Maxillofac Surg. August 2003. Vol 63:8 supp 1.
4. Bast B, Sediqi, N. "Postoperative Infection Rates in HIV Positive Patients with Mandibular Fractures." J Oral Maxillofac Surg. September 2006. Vol. 64:9 supp 1.