

Curriculum Vitae

Steven J. Bates M.D.

**Plastic & Reconstructive Surgery Associates
2581 Samaritan Drive - Suite 102
San Jose, CA. 95124
408-356-4241
Email: steve@stevenbatesmd.com**

Education

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| 1990-1995 | University of California, Davis
Davis, California
Bachelor of Science, Biological Sciences
Awarded September, 1995 |
| 1996-2000 | The Chicago Medical School
North Chicago, Illinois
Doctor of Medicine
Awarded June, 2000 |
| 1996-2000 | The Chicago Medical School
North Chicago, Illinois
Master of Science, Pathology
Awarded June, 2000 |

Work Experience

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| 1993-1994 | Department of Plant Pathology
University of California, Davis
Davis, CA
Laboratory Technologist |
| 1994-1995 | Department of Avian Sciences
University of California, Davis
Davis, CA
Laboratory Technologist |
| 2000-2001 | General Surgery Department
Stanford University Medical Center
Stanford, California
General surgery intern |

2001-2006	Division of Plastic and Reconstructive Surgery Stanford University Medical Center Stanford, California Integrated Plastic Surgery Resident
2006-2007 2006-2008	Department of Orthopedic Surgery Division of Hand Surgery Clinical Instructor Hand/Microsurgery Fellow UCLA Medical Center
2007- 2020	Palo Alto Medical Foundation Department of Plastic Surgery Staff Physician
2010-2015	Palo Alto Medical Foundation Department of Plastic Surgery, Palo Alto Division Department Chair
2015 – 2020	Palo Alto Medical Foundation Department of Plastic Surgery, Bay Area Division Department Chair
2020 – Present	Plastic Surgeon/Partner - Plastic & Reconstructive Surgery Associates, Inc. San Jose, CA.

Academic Honors/Activities

Dean's Honor List – U.C. Davis
Class Rank 1/190 – Chicago Medical School
Alpha Omega Alpha, inducted Junior year – Chicago Medical School
Honors Pathology, Anatomy, Biochemistry – Chicago Medical School
Board of Trustees Scholarship, highest basic science GPA – Chicago Medical School
Ninetieth Percentile Award, General Surgery in-service exam – PGY-1, PGY-2
2001 Thuss Family Resident Research Award – Stanford University Medical Center
2002 Plastic Surgery Educational Foundation research grant
Best Scientific Paper (Resident Competition):
The 54th Annual Meeting of the California Society of Plastic Surgeons,
San Diego, California, May 27 – 31, 2004. **S.J. Bates**, E. Morrow, B. Pham, H.
Pham, J. Chang. *Tissue Engineered Intrasynovial Tendons: Optimization of
Acellularization and Seeding.*

United States Licensing Exam

Step I, passed June 1998
Step II, passed December 1999
Step III, passed November 2001

Board Certification

American Board of Plastic Surgery 2008, 2018

Professional Activities/Volunteer Service

Certified Emergency Medical Technician – U.C. Davis
Clinical Preceptor Program – The Chicago Medical School
Anatomy course student representative – The Chicago Medical School
Surgery interest group organizer – The Chicago Medical School
Transition Day organizer – The Chicago Medical School
Alpha Omega Alpha honor society, Delta Chapter Vice President – The Chicago Medical School, 1999-2000
Zedplast alumni association resident representative, 2003-2006
Zedplast alumni board member, 2003-present
Resident microsurgery coordinator, 2003-2006
AO hand and wrist fracture management course, 2006
Ask the Doctor: Doctors teaching hand therapists course, 2006
Breast Cancer Connections: Quarterly Q & A sessions on breast reconstruction 2008-2014
ASPS Senior Resident's Conference 2017 presenter
PAFMG physician group risk committee 2015-2017
Menlo Park Surgical Hospital Quality Review Committee 2012-2015

Professional Societies

American Medical Association – 1997-1998
Alpha Omega Alpha Honor Society – 1999-present
American Society of Plastic Surgery

Basic Science Research Experience

Department of Avian Sciences, UC Davis, Davis, California. Accelerated oxidation of muscle tissue and liposomal membrane systems with the use of vitamin E as an exogenous source of anti-oxidant. 1994-1995

Division of Plastic Surgery, Stanford Medical Center/ Veterans Affairs Hospital, Palo Alto, California. Tissue engineering of intrasynovial flexor tendons. 2003 – present.

Division of Plastic Surgery, Stanford Medical Center/ Veterans Affairs Hospital, Palo Alto, California. Studies in flexor tendon wound healing using natural inhibitors of transforming growth factor – beta. 2003 – present.

Clinical Research Experience

Case Report and Literature Review: Department of Surgery, Mount Sinai Hospital, Chicago, Illinois. Laparostomy closure using delayed, sliding rectus abdominis muscle flap. 1999

Retrospective Study: Department of Surgery, Mount Sinai Hospital, Chicago, Illinois. Penetrating trauma to the lower extremity with analysis of primary versus graft repair of popliteal artery and vein injuries. 1999

Publications

Abstracts

A.J. Koffron, **S.J. Bates**, J. Hein. *Traumatic Laparostomy: Closure via delayed, sliding rectus abdominis muscle flap*. Proceedings of the 68th Annual American Society of Plastic Surgeons, New Orleans, Louisiana, October 25-29, 1999.

S.J. Bates, E. Morrow, B. Pham, H. Pham, J. Chang. *Tissue Engineered Intrasynovial Tendons: Optimization of Acellularization and Seeding*. The 54th Annual Meeting of the California Society of Plastic Surgeons, San Diego, California, May 27 – 31, 2004.

S.J. Bates, E. Morrow, B. Pham, H. Pham, J. Chang. *Tissue Engineered Intrasynovial Tendons: Optimization of Acellularization and Seeding*. The 49th Annual Meeting of the Plastic Surgery Research Council, Ann Arbor, Michigan, June 9 – 12, 2004.

S.J. Bates, E. Morrow, B. Pham, H. Pham, J. Chang. *Tissue Engineered Intrasynovial Tendons: Optimization of Acellularization and Seeding*. The 59th Annual Meeting of the American Society for Surgery of the Hand, New York, New York, September 9 – 11, 2004.

S.J. Bates, E. Morrow, A.Y. Zhang, H. Pham, M.T. Longaker, J. Chang. *Mannose-6-Phosphate, an Inhibitor of TGF- β , Improves Flexor Tendon Repair*. American Society of Plastic Surgeons Annual Meeting, Philadelphia, Pennsylvania, October 9 – 13, 2004.

S.J. Bates, E. Morrow, A.Y. Zhang, H. Pham, M.T. Longaker, J. Chang. *Mannose-6-Phosphate, an Inhibitor of TGF- β , Improves Flexor Tendon Repair*. The 55th Annual Meeting of the California Society of Plastic Surgeons, Napa, California, 2005

Peer-Reviewed Journals

S.J. Bates, E. Morrow, A.Y. Zhang, H. Pham, M.T. Longaker, J. Chang. *Mannose-6-Phosphate, an Inhibitor of TGF- β , Improves Range of Motion After Flexor Tendon Repair*. Journal of Bone and Joint Surgery, 2006 (accepted for publication September 2006)

S.J. Bates, S. Hansen, N.F. Jones. A Review of Congenital Hand Surgery. Plastic and Reconstructive Surgery, 2006. (In Review)

Book Chapters

Bates, SJ, and Chang J. Flexor Tendon Anatomy. In Gellman, H. (ed.). *eMedicine Journal* Volume 3, Number 6, 2001.

Bates, SJ, and Chang J. Hand and Finger Amputations. In McCarthy JG, Galiano, RD, and Boutros S (eds.). *Current Therapy in Plastic Surgery*. Philadelphia: W.B. Saunders (in press)

Bates, SJ, and Chang J. Extensor Tendon Injuries. In Aston SJ, Beasley RW, and Throne, HM (eds.). *Grabb and Smith's Plastic Surgery, Sixth Edition*. New York: Lippincott-Raven (in press)

Presentations

Local

Department of Pathology, The Chicago Medical School, MS/MD core lecture series.

Topic: Breast Cancer - 1999

Department of Pathology, The Chicago Medical School, MS/MD core lecture series.

Topic: Craniosynostosis – 2000

Department of Surgery, Division of Plastic Surgery Grand Rounds.

Topic: Scars and Keloids - 2001

Topic: Flexor Tendon Repair – 2002

Topic: Chest Wall Reconstruction – 2003

Topic: Perforator Flaps – 2004

Topic: Midface Lifts – 2005

UCLA Orthopedic Surgery, Division of Hand Surgery Grand Rounds:

Topic: Advances in basic science of flexor tendon wound healing

Palo Alto Medical Foundation Grand Rounds.

Topic: Advances in plastic surgery of the breast – 2008

PAMF Los Altos Division Grand Rounds.,

Topic: Advances in plastic surgery of the breast – 2008

Regional

California Society of Plastic Surgeons, San Diego, California, 2004. *Tissue Engineered Intrasynovial Tendons: Optimization of Acellularization and Seeding*.

California Society of Plastic Surgeons, Napa, California, 2005. *Mannose-6-Phosphate, an Inhibitor of TGF- β , Improves Flexor Tendon Repair*.

National

Plastic Surgery Research Council, Ann Arbor, Michigan, 2004. *Tissue Engineered Intrasynovial Tendons: Optimization of Acellularization and Seeding*.

American Society for Surgery of the Hand, New York, New York, 2004. *Tissue Engineered Intrasynovial Tendons: Optimization of Acellularization and Seeding*.

American Society of Plastic Surgery, Philadelphia, Pennsylvania, 2004. *Mannose-6-Phosphate, an Inhibitor of TGF- β , Improves Flexor Tendon Repair.*

ASPS Senior Resident's Conference, Los Angeles, California, 2017. How to build the practice you want.

International Experience

Guanajuato, Mexico, October 29 – 31, 2004. Treatment of primary and secondary cleft lip and palate deformities.

Nuevo Progreso, Guatemala, August 2 – 18, 2005. Treatment of primary and secondary cleft lip and palate deformities; Burn and general plastic reconstruction.