



THOMAS SATTERWHITE, MD

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EDUCATION

- 7/2013-6/2014 MIAMI CHILDREN'S HOSPITAL/SOUTH MIAMI HOSPITAL
Fellow in Craniofacial Surgery
Division of Plastic Surgery
Fellowship Director: Dr. S. Anthony Wolfe
- 6/2007-6/2013 STANFORD UNIVERSITY MEDICAL CENTER
Resident in Plastic and Reconstructive Surgery
Chief: Dr. James Chang
Program Director: Dr. Gordon Lee
American Board of Plastic Surgery Written Boards: Passed 12/2013
American Board of Plastic Surgery Oral Boards: Eligible
- 6/2001-6/2007 STANFORD UNIVERSITY SCHOOL OF MEDICINE
MD, June 2007
USMLE Step I score: 245 (99)
- 9/1996-6/2000 STANFORD UNIVERSITY
Bachelor's Human Biology with Honors, June 2000
Phi Beta Kappa

LICENSURE

- 12/2015-present American Board of Plastic Surgery, Board Certified in Plastic Surgery
- 6/2008-present California Medical License
- 6/2008-present DEA
- 4/2009-present NPI

PROFESSIONAL MEMBERSHIPS

- 9/2013 American Society of Plastic Surgeons, Candidate Member
- 6/2012 American Society for Aesthetic Plastic Surgery, Candidate Member
- 6/2008 American Medical Association

COMMITTEES & POSITIONS

- 3/2012 AMERICAN SOCIETY OF PLASTIC SURGEONS
Annual Meeting Program Committee
- 7/2011-present CALIFORNIA SOCIETY OF PLASTIC SURGEONS
Scientific and Research Committee
- 7/2011-present CALIFORNIA SOCIETY OF PLASTIC SURGEONS
Resident Auditor

INTERNATIONAL EXPERIENCE

- 9/1998-12/1998 OXFORD UNIVERSITY, STANFORD-IN-OXFORD PROGRAM, ENGLAND
- 2/2012 SINGAPORE GENERAL HOSPITAL
One-week observership under Professor Colin Song, Dept of Plastic Surgery
- 10/2011 NUEVO AMANECER (“NEW DAWN”) MISSION TRIP
Leon, Guanajuato, Mexico. Four day cleft lip and palate mission trip under directorship of Dr. Abel De La Pena and Dr. Ernest Kaplan

TEACHING & EDUCATION

- 3/2004 LECTURER: TISSUE ENGINEERING & HISTOLOGY
Stanford University, CA, Course Director: Dr. Robert Lane Smith
- 1/2003-3/2003,
1/2004-3/2004 NEUROBIOLOGY TEACHING ASSISTANT
Stanford School of Medicine, CA, Course Director: Dr. Ben Barres
- 6/2002-8/2002,
6/2003-8/2003 HISTOLOGY TEACHING ASSISTANT
Stanford School of Medicine, CA, Directors: Dr. Fernando Mendoza & Dr. Patricia Cross
- 9/2002-12/2002 ANATOMY TEACHING ASSISTANT
Stanford School of Medicine, CA, Course Director: Dr. Larry Mathers
- 9/1999-3/2000 BIOLOGY LABORATORY COURSE ASSISTANT
Stanford University, CA

RESEARCH

- 6/2010-present MICROSURGERY EDUCATION CURRICULUM
Dr. Gordon K. Lee, Dept of Plastic Surgery, Stanford, CA
Established and validated a web- and app-based curriculum for plastic surgery residents
- 4/2008-6/2011 LONG-TERM ANALYSIS OF ABDOMINAL WALL RECONSTRUCTION
Dr. Gordon K. Lee, Dept of Plastic Surgery, Stanford, CA
Investigated efficacy of various biological mesh materials in the repair of large ventral hernias
- 6/2005-6/2006 MEDICAL SCHOLARS SCIENTIST, WOUND HEALING
Dr. James Chang, Dept of Plastic Surgery, Palo Alto VA and Stanford, CA
Used real-time imaging of TGF-Beta activity in novel transgenic mouse wound-healing model to investigate post-surgical scarring
- 5/2003-1/2004 ADIPOCYTE-DERIVED WOUND HEALING
Dr. Peter Lorenz, Dept of Plastic Surgery, Stanford, CA
Investigated growth and differentiation of fat-derived stem cells into other tissue types
- 9/2001-1/2003 MEDICAL SCHOLARS RESEARCHER, TRANSPLANT SURGERY
Dr. Oscar Salvatierra and Dr. Minnie Sarwal, Depts of Pediatrics and Surgery, Stanford, CA
Investigated steroid-free vs. standard steroid-based immunosuppression protocol

- 6/2000-6/2001 RESEARCH ASSISTANT
Tularik Biopharmaceuticals, South San Francisco, CA
Investigated inhibitory pathways in fatty acid metabolism and hypercholesterolemia
- 1/1999-6/2000 HONORS RESEARCH: IMMUNOLOGY
Dr. C. Garrison Fathman, Dept of Immunology/Rheumatology, Stanford, CA
Pathways in T-cell anergy. Culminated in Undergraduate Honors Thesis

GRANTS

- 6/2012-6/2013 PLASTIC SURGERY FOUNDATION (PSF) PILOT RESEARCH GRANT
Competitive national grant through American Society of Plastic Surgeons (ASPS)
Validating A Web-Based Microsurgery Curriculum
- 4/2009 AMERICAN HERNIA SOCIETY NATIONAL RESEARCH GRANT
National recipient of \$15,000 fellowship, recognized at annual meeting in Berlin, Germany
- 6/2005-6/2006 STANFORD MEDICAL SCHOLARS SCIENTIST FELLOWSHIP GRANT
Competitive fellowship through Stanford School of Medicine to perform research in Plastic and Reconstructive Surgery in the laboratory of Dr. James Chang
- 9/2001-6/2002 STANFORD MEDICAL SCHOLARS GRANT
Competitive award through the Stanford School of Medicine to conduct research in Pediatric Renal Transplant Surgery in the laboratory of Dr. Minnie Sarwal and Dr. Oscar Salvatierra.

HONORS & AWARDS

- 5/2013 CALIFORNIA SOCIETY OF PLASTIC SURGEONS' BEST RESIDENT PAPER
The Stanford Microsurgery and Resident Training (SMaRT) Scale: Validation of an On-Line Self-Directed Curriculum.
- 9/2011 TEAM WINNER PLASTIC SURGERY RESIDENTS' BOWL: STANFORD
American Society of Plastic Surgeons' Annual Meeting, Denver, CO
- 5/2009 CALIFORNIA SOCIETY OF PLASTIC SURGEONS' BEST RESIDENT PAPER
Complex Abdominal Wall Reconstruction with Decellularized Cross-Linked Porcine Dermal Xenograft and Component Separation: The "Pork Sandwich" Herniorrhaphy
- 5/2009 BEST PAPER AWARD, CLINICAL RESEARCH ORAL PRESENTATION
Second Annual Stanford Plastic Surgery Research Symposium
Complex Abdominal Wall Reconstruction with Decellularized Cross-Linked Porcine Dermal Xenograft and Component Separation: The "Pork Sandwich" Herniorrhaphy
- 6/2009 RECOGNITION FOR TEACHING EXCELLENCE
Division of Plastic Surgery, Department of General Surgery
Stanford University School of Medicine
- 6/2004 ASSOCIATION OF BLACK CARDIOLOGISTS' SCHOLARSHIP AWARD
Recognition of academic performance, scholastic excellence, and dedication to serving the underserved
- 4/2004 NOMINEE: AMA FOUNDATION MINORITY SCHOLARS NATIONAL AWARD
Sponsored by American Medical Association in recognition of scholarship, community service, leadership, and dedication to advancing diversity in medicine
- 6/2000 PHI BETA KAPPA

PRESENTATIONS

1. **Satterwhite T.** “Surgical Options for Transgender Patients.” Invited speaker at numerous conferences dedicated to care of transgender community: Gender Spectrum (Moraga, CA, July 2014); TransVision/Brandy Martell Project, TriCity Health Care Center (Fremont, CA, August 2014); Gender Odyssey (Seattle, WA, August 2014); Southern Comfort (Atlanta, GA, September 2014); Asian & Pacific Island Center (San Francisco, CA, Oct. 2014); Palo Alto Medical Foundation (Palo Alto, CA Oct. 2014); TransThrive (San Francisco, CA, Oct. 2014); Stanford Transgender Symposium (Palo Alto, CA, Nov. 2014); First Event (Boston, MA, Jan. 2015)
2. **Satterwhite T.** Invited Panelist: “Post-Operative Management of the Rhinoplasty Patient.” Annual Rhinoplasty Society Meeting, San Francisco, CA. April 2014.
3. **Satterwhite T, Morrison S, Laub D, VanMaasdam J.** Long-Term Outcomes of Rectosigmoid Neocolporrhaply in Male-to-Female Gender Reassignment Surgery. Oral presentation at the World Professional Association of Transgender Health (WPATH) Annual Meeting, Bangkok, Thailand. February 2014.
4. **Satterwhite T, Wolfe SA.** Treacher Collins Syndrome: Our Surgical Treatment Approach. Oral presentation at Florida Cleft Palate Association Annual Meeting, Orlando, FL. January 2014.
5. **Satterwhite T, Son J, Carey J, Echo A, Spurling T, Gurtner G, Chang J, Lee G.** The Stanford Microsurgery and Resident Training (SMaRT) Scale: Validation of an On-Line Self-Directed Curriculum. Oral presentation at the American Society of Plastic Surgeons Annual Meeting, San Diego, CA. October 2013.
6. **Satterwhite T, Ragheb J, Bhatia S, Wolfe SA.** Fibrous Dysplasia: Management of Optic Canal Involvement. Oral presentation at the International Society of Craniofacial Surgery Annual Meeting, Jackson Hole, WY. September 2013.
7. **Satterwhite T, Son J, Carey J, Echo A, Spurling T, Gurtner G, Chang J, Lee G.** The Stanford Microsurgery and Resident Training (SMaRT) Scale: Validation of an On-Line Self-Directed Curriculum. Oral presentation at the California Society of Plastic Surgeons’ Annual Meeting, San Francisco, CA. May 2013.
8. **Satterwhite T, Son J, Carey J, Echo A, Gurtner G, Chang J, Lee G.** The Stanford Microsurgery and Resident Training (SMaRT) Scale: Validation of an On-Line Self-Directed Curriculum. Oral presentation at the Plastic Surgery Research Symposium, Stanford, CA. April 2013.
9. Otake L, **Satterwhite T, Echo A, Chiou G, Lee G.** Single Institution Cost Analysis Comparing Biologic and Synthetic Mesh Use in Complex Hernia Repair. Oral presentation at the California Society of Plastic Surgeons’ Annual Meeting, San Diego, CA. May 2012.
10. **Satterwhite T, Son J, Carey J, Zeidler K, Bari S, Gurtner G, Chang J, Lee G.** Using a Web-Based Microsurgical Curriculum to Enhance Microsurgical Skills in Plastic Surgery Residency Training. Oral presentation at the American Society for Reconstructive Microsurgery, Las Vegas, NV. January 2012.
11. **Satterwhite T, Miri S, Chung C, Spain D, Lorenz H, Lee G.** Long-Term Outcomes of Complex Abdominal Herniorrhaphy: Experience with 106 Cases. Oral presentation at the American Society of Plastic Surgeons’ Annual Meeting, Denver, CO. September 2011.
12. **Satterwhite T, Miri S, Chung C, Spain D, Lorenz H, Lee G.** Long-Term Outcomes of Complex Abdominal Herniorrhaphy: Experience with 106 Cases. Oral presentation at the California Society of Plastic Surgeons’ Annual Meeting, Monterey, CA. May 2011.
13. **Satterwhite T, Son J, Carey J, Zeidler K, Bari S, Gurtner G, Chang J, Lee G.** Microsurgery Education in Residency Training: Validating an On-Line Curriculum. Oral presentation at the California Society of Plastic Surgeons’ Annual Meeting, Monterey, CA. May 2011.

14. **Satterwhite T**, Lee G. The “Sandwich” Herniorraphy. Oral presentation at the American Hernia Society National Annual meeting. Orlando, FL. March 2010.
15. **Satterwhite T**, Lee G. Complex Abdominal Wall Reconstruction with Decellularized Cross-Linked Porcine Dermal Xenograft and Component Separation: The “Pork Sandwich” Herniorraphy. Oral presentation at the California Society of Plastic Surgeons’ Annual Meeting, Olympic Valley, CA. May 2009.
16. **Satterwhite T**, Lee G. Complex Abdominal Wall Reconstruction with Decellularized Cross-Linked Porcine Dermal Xenograft and Component Separation: The “Pork Sandwich” Herniorraphy. Oral presentation at the Plastic Surgery research symposium, Stanford, CA. May 2009.
17. **Satterwhite T**, Chong A, MD, Pham H, BS, Costa M, BS, Luo J, PhD, Longaker M, MD, Wyss-Coray T, PhD, Chang J, MD. Continuous live imaging of TGF-Beta activity using a novel transgenic mouse wound-healing model. Oral presentation at the *American Society of Plastic Surgeons* Annual National Meeting, San Francisco, CA. October 2006.
18. **Satterwhite T**, Chong A, MD, Pham H, BS, Costa M, BS, Luo J, PhD, Longaker M, MD, Wyss-Coray T, PhD, Chang J, MD. *In vitro* analysis of TGF-Beta1 inhibition in transgenic SBE-luciferase mice. Oral presentation at the *Plastic Surgery Research Council* 51st Annual National Meeting, Dana Point, CA. May 2006.
19. Chong A, MD, **Satterwhite T**, Pham H, BS, Costa M, BS, Luo J, PhD, Longaker M, MD, Wyss-Coray T, PhD, Chang J, MD. Live imaging of Smad2/3 dependent TGF-Beta signaling in mouse skin wound healing. Oral presentation at the *Plastic Surgery Research Council* 51st Annual National Meeting, Dana Point, CA. May 2006.
20. Sheth N, MD, **Satterwhite T**, BS, Powell A, MD. *Streptococcus bovis* pacemaker endocarditis: a fortuitous discovery of colon neoplasm. Poster presentation at the *American College of Physicians* National Meeting, Monterey, CA. October 2005.
21. **Satterwhite T**, Chua MS, Hsieh SC, Chang S, Scandling J, Salvatierra O, Sarwal MM. Increased expression of cytotoxic effector molecules: different interpretations for steroid-based and steroid-free immunosuppression. Poster presentation at *Stanford’s Annual Research Symposium*, Stanford, CA. May 2004.

PUBLICATIONS

1. **Satterwhite T**, Wolfe SA. Reply to letter: Response to “Fibrous Dysplasia: Management of the Optic Canal.” In press. *Journal of Plastic and Reconstructive Surgery*.
2. Morrison S, **Satterwhite T**, Laub D, VanMaasdam J. Long-Term Outcomes of Rectosigmoid Neocolporrhaphy in Male-to-Female Gender Reassignment Surgery. In press. *Journal of Plastic and Reconstructive Surgery*.
3. Morrison, S, Michael T. Chung MD, Michael Ingargiola MD, Saba Motakef MD, Katherine Gast MD, Kshemendra Senarath-Yapa MD, Thomas **Satterwhite** MD, William Kuzon MD, PhD, FACS, Paul S. Cederna MD, FACS. Facial Feminization: Systematic Review of Literature. In press. *Journal of Plastic and Reconstructive Surgery*.
4. Gruber R, Lang P, **Satterwhite T**, Perkins S., Spreader Flaps and Spreader Grafts. Chapter in *Dallas Rhinoplasty, 3rd Ed.* St. Louis: QMP. 2014.
5. **Satterwhite T**, Lim A, Kahn D. “Facial Cosmetic Surgery” In Jaffe (Ed.) *Anesthesiologist’s Manual of Surgical Procedures*, 5th Edition. Philadelphia: Lippincott. May 2014.
6. **Satterwhite T**, Lim A, Kahn D. “Nonfacial Aesthetic Surgery.” In Jaffe (Ed.) *Anesthesiologist’s Manual of Surgical Procedures*, 5th Edition. Philadelphia: Lippincott. May 2014
7. **Satterwhite T**, Ragheb J, Bhatia S, Wolfe SA. Fibrous Dysplasia: Opinions on the Indications for the Unroofing of Circumferentially Encased Optic Nerves. In press. *Journal of Plastic and Reconstructive Surgery*.

8. Momeni A, **Satterwhite T**, Eggleston J. Post-Surgical Pyoderma Gangrenosum After Autologous Breast Reconstruction - Case Report and Review of the Literature. *Ann Plast Surg*. 2015 Mar 74(3):284-8.
9. **Satterwhite T**, Son J, Carey J, Zeidler K, Bari S, Gurtner G, Lee G, Chang J. The Stanford Microsurgery and Resident Training (SMaRT) Scale: Validation of an On-Line Self-Directed Curriculum. *Ann Plast Surg*. 2014 May;72 Suppl 1:S84-8
10. **Satterwhite T** and Lee G. Invited commentary to “Current Microsurgery Training Programs in India.” *Annals of Plastic Surgery*. *Ann Plast Surg*. 2013 Nov;71(5):624-5.
11. Otake L, **Satterwhite T**, Echo A, Chiou G, Lee G. Single Institution Cost Analysis Comparing Biologic and Synthetic Mesh Use in Complex Hernia Repair. *Annals of Plastic Surgery*. *Ann Plast Surg*. 2013 Jul 11.
12. Echo T, Otake L, Talley J, **Satterwhite T**, Norton J, Lee, J. The use of Permacol for the reconstruction of a complex thoraco-abdominal wall defect from a recurrent leiomyosarcoma. *Eur J Plast Surg*. Eprint. February 2013.
13. **Satterwhite T**, Son J, Echo T, Lee G. The Chicken Foot Dorsal Vessel as a High Fidelity Microsurgery Practice Model. *Plastic & Reconstructive Surgery*, 2013 Feb;131(2):311e-312e.
14. **Satterwhite T**, Son J, Carey J, Zeidler K, Bari S, Gurtner G, Chang J, Lee G. Microsurgery Education in Residency Training: Validating an On-Line Curriculum. *Ann Plast Surg*. 2012 Apr;68(4):410-4.
15. **Satterwhite T**, Miri S, Chung C, Spain D, Lorenz H, Lee G. Outcomes of Complex Abdominal Herniorrhaphy: Experience with 106 Cases. *Ann Plast Surg*. 2012 Apr;68(4):382-8.
16. **Satterwhite T**, Lee G. Abdominal Wall Reconstruction with Dual Layer Cross-Linked Porcine Dermal Xenograft: The “Pork Sandwich” Herniorrhaphy. *J Plast Reconstr Aesthet Surg*. 2012 Mar;65(3):333-41.
17. **Satterwhite T**, Chong A, Luo J, Pham H, Costa M, Longaker MT, Wyss-Coray T, Chang J. *In vitro* analysis of TGF- β 1 inhibition in transgenic SBE-luciferase mice. *Annals of Plastic Surgery*, 2007 Aug;59(2):207-13.
18. Chong A, **Satterwhite T**, Luo J, Pham H, Costa M, Longaker MT, Wyss-Coray T, Chang J. Live imaging of Smad2/3 signaling in mouse skin wound healing. *Wound Repair and Regeneration*, 2007 Sep-Oct;15(5):762-6.
19. Weintraub J, **Satterwhite T**, Allo M. The use of Drotrecogin Alfa Recombinant Activated Protein C for severe sepsis in the critically burned patient: a new treatment approach. *Burns* 2006 Sep;32(6):783-7.
20. Hsu GP, Morton JM, Jin L, Safadi BY, **Satterwhite T**, Curet MJ. Laparoscopic Roux-en-Y gastric bypass: differences in outcome between attendings and assistants of different training backgrounds. *Obes Surg*. 2005 Sep;15(8):1104-10.
21. Sarwal MM, Vidhun JR, Alexander SR, **Satterwhite T**, Millan M, Salvatierra O Jr. Continued superior outcomes with modification and lengthened follow-up of a steroid-avoidance pilot with extended daclizumab induction in pediatric renal transplantation. *Transplantation*. 2003 Nov 15;76(9):1331-9.
22. Sarwal M, Chua MS, Kambham N, Hsieh SC, **Satterwhite T**, Masek M, Salvatierra O Jr. Molecular heterogeneity in acute renal allograft rejection identified by DNA microarray profiling. *New England Journal of Medicine*. 2003 Jul 10;349(2):125-38.
23. **Satterwhite T**, Chua MS, Hsieh SC, Chang S, Scandling J, Salvatierra O, Sarwal MM. Increased expression of cytotoxic effector molecules: different interpretations for steroid-based and steroid-free immunosuppression. *Pediatric Transplantation*. 2003 Feb;7(1):53-8.