

T. Justin Gillenwater, M.D., M.S.

Assistant Professor
Burn and Critical Care
Plastic and Reconstructive Surgery
University of Southern California

EDUCATION

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|-------------|--|
| 2010 – 2012 | University of Southern California
Master of Science
Clinical and Biomedical Investigations |
| 2003 – 2007 | Washington University in St. Louis, School of Medicine
Medical Doctorate, <i>Alpha Omega Alpha Honor Society</i> |
| 1999 – 2003 | Vanderbilt University, Nashville
Bachelor of Science, <i>summa cum laude</i>
Interdisciplinary Neuroscience |

PROFESSIONAL HISTORY

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|---------------|---|
| 2016- present | University of Southern California
Assistant Professor, Burn and Critical Care, Plastic and Reconstructive Surgery |
| 2016-present | Institute for Global Orthopedic Traumatology
Assistant Director, Surgical Management and Reconstructive Training Course |
| 2010 – 2016 | Advantage Wound Care
Wound Care Consultant |
| 2015 – 2016 | University of Southern California
Fellow, Burn and Critical Care |
| 2012 – 2015 | University of Southern California
Resident, Plastic and Reconstructive Surgery |
| 2010 – 2012 | University of Southern California
Fellow, Global Health and Pediatric Plastic Surgery |

2007 – 2010 **University of Southern California**
Resident, Plastic and Reconstructive Surgery

LICENSURE

2016 **American Board of Surgery, Surgical Critical Care**
Passed, Written Boards

2015 **American Board of Plastic Surgery**
Passed, Written Boards
Eligible, Oral Boards

2009 - current **California Medical Board**
Physician and Surgeon, License #A108333

INTERNATIONAL EXPERIENCE

Nov 2016 **Institute for Global Orthopedic Traumatology - Surgical Management and Reconstructive Training Course**, Course Co-Director and Lecturer
National Academy of Medical Sciences, Tribhuvan University Teaching Hospital – Kathmandu, Nepal

Sept 2016 **Institute for Global Orthopedic Traumatology - Surgical Management and Reconstructive Training Course**, Invited Volunteer Clinical Faculty
San Francisco General Hospital – San Francisco, CA USA

May 2016 **USC / Operation Smile International Plastic Surgery Simulation Course**,
Course Director
University of Southern California – Los Angeles, CA USA

Feb 2016 **Institute for Global Orthopedic Traumatology - Surgical Management and Reconstructive Training Course**, Invited Lecturer
National Academy of Medical Sciences – Kathmandu, Nepal

Sept 2015 **Institute for Global Orthopedic Traumatology - Surgical Management and Reconstructive Training Course**, Invited Volunteer Clinical Faculty
San Francisco General Hospital – San Francisco, CA USA

June 2015 **Institute for Global Orthopedic Traumatology - Surgical Management and Reconstructive Training Course**, Invited Volunteer Clinical Faculty
Muhimbili Orthopaedic Institute – Dar Es Salaam, Tanzania

Sept 2014 **Institute for Global Orthopedic Traumatology - Surgical Management and Reconstructive Training Course**, Invited Volunteer Clinical Faculty
San Francisco General Hospital – San Francisco, CA USA

Dec 2012	Shriners Hospital for Children , Surgical Fellow and Clinical Coordinator Hospital Infantil - Hermosillo, Mexico
June 2012	Operation Smile , Volunteer Fellow Nghe An 115 General Hospital – Nghe An, Vietnam
May 2012	Operation Smile , Volunteer Fellow National Hospital of Odonto-Maxillo-Facial Surgery – Ho Chi Minh City, Vietnam
Dec 2011	Shriners Hospital for Children , Surgical Fellow and Clinical Coordinator Hospital Infantil - Hermosillo, Mexico
Jan 2011 – Sept 2011	Operation Smile , Volunteer Fellow and Research Coordinator Guwahati Comprehensive Cleft Centre - Guwahati, India
Feb 2011	Operation Smile , Volunteer Fellow Mohendra Mohan Choudhury Hospital - Guwahati, India
July 2010	Operation Smile , Volunteer Fellow Hospital Universitario Fernando Troconis - Santa Marta Colombia

RESEARCH

PUBLICATIONS

Gillenwater J, Garner WL. Acute fluid management of large burns: pathophysiology, monitoring and resuscitation. *Clinics in Plastic Surgery*. Accepted for publication. July 2016.

Gillenwater J, Harshbarger R. Use of Technological Aids in the Resection of a Rare Maxillofacial Tumor of Infancy. *The Cleft Palate-Craniofacial Journal*. Accepted for publication August 2016.

Jerome MA, **Gillenwater J**, Laub DR, et al. Primary Cleft Lip and Palate Repair in Assam, India: Does Preoperative Anthropometric Analysis Help Identify Patients With Increased Surgical Risk in a Clinically Prescreened Population? *The Cleft Palate-Craniofacial Journal*. May 2016;15-267.

Gillenwater J. Care of Pressure Ulcers. *Manual-USC/Operation Smile International Flap Course*. USC press. May 2016

Solanky D, Hwang SM, Stone G, **Gillenwater J**, Carey JN. Successful Surgical Treatment of Severe Calciphylaxis Using a Bilayer Dermal Replacement Matrix. *Wounds*. 2015;27(11):302-307.

Yao CA, Taro TB, Wipfli HL, Ly S, **Gillenwater TJ**, et al. The Tsao Fellowship in Global Health: A Model for International Fellowships in a Surgery Residency. *J Craniofac Surg*. 2016;27(2):282-285.

Costa MA, Yao CA, **Gillenwater TJ**, et al. Telemedicine in Cleft Care: Reliability and Predictability in Regional and International Practice Settings. *J Craniofac Surg*. 2015;26(4):1116–1120.

Gillenwater J, Buchanan I, Panossian A. Lengthening temporalis myoplasty for single stage smile reconstruction in children with facial paralysis. *Plastic and Reconstructive Surgery*. 2014;134(4 Suppl 1):137–138.

Schonmeyr B, Restrepo C, Wendby L, **Gillenwater J**, Campbell A. Lessons Learned from Two Consecutive Cleft Missions and the Impact of Patient Education. *J Craniofac Surg* 2014;25: 1610–1613.

Gillenwater, J. Data management system assessment: a global surgical aid organization case study (master's thesis University of Southern California). Retrieved from <http://digitallibrary.usc.edu/cdm/ref/collection/p15799coll3/id/30989>. May 2012

Gillenwater J, Cheng J, Mackinnon, S. E. Evaluation of the scratch collapse test in peroneal nerve compression. *Plastic and Reconstructive Surgery*, 128(4), 933–939. October 2011.

Gillenwater J. Radial Forearm Flap. In Carey and Schooler, *University of Southern California Flap Manual* (pp.31-34). Los Angeles, California: University of Southern California. 2009.

PRESENTATIONS AND POSTERS

Gillenwater J, Ellis, C Garner W. KerraContact Ag Wound Dressing in the Treatment of Burns and Other Wounds. *International Society for Burn Injuries 18th Congress*. Miami, Florida. August 2016.

Gillenwater J. Management of Pressure Sores. *USC/Operation Smile International Plastic Surgery Simulation Course*. Los Angeles, California. May 2016.

Gillenwater J. Management of the Complex or Severely Infected Wound. *3rd Annual USC National Trauma, Emergency Surgery & Surgical Critical Care Symposium*. Pasadena, California. May 2016.

Gillenwater J, Yenikomshian H, Garner W. Reconstruction of Post Burn Axillary Scar Contracture with a Diamond Flap. *American Burn Association Annual Meeting*. Las Vegas, Nevada. May 2016.

Gillenwater J, Buchanan I, Panossian A. Lengthening temporalis myoplasty for single stage smile reconstruction in children with facial paralysis. *Annual Meeting American Society of Plastic Surgeons*. Chicago, Illinois. October 2014.

Gillenwater J, Stanley P, Venkatramani R, Anselmo D, Panossian A. Purse-string Closure and Postoperative Management Protocol Following Excision of Infantile Hemangiomas. *20th International Workshop of the International Society for the Study of Vascular Anomalies*. Melbourne, Australia. April 2014.

Buchanan I, Gillenwater J, Stanley P, Venkatramani R, Anselmo D, Panossian A. Massive Cervicofacial Lymphatic Malformation. *20th International Workshop of the International Society for the Study of Vascular Anomalies*. Melbourne, Australia. April 2014.

Campbell A, Restrepo C, Gillenwater J, Jerome M, Allan A, Laub D. Anthropometric Measurements and Nutritional Assessment as a Predictor of Surgical Risk in Pediatric Cleft Lip Patients in Assam, India. *International Conference on Comprehensive Cleft Care*. Guwahati, India. November, 2013.

Schonmeyr B, Restrepo C, Wendby L, Gillenwater J, Campbell A. Lessons Learned from Two Consecutive Cleft Missions and the Impact of Patient Education. *International Conference on Comprehensive Cleft Care*. Guwahati, India. November, 2013.

Costa M, Gillenwater J, Yao C, Magee W. Telemedicine in cleft care: The experience at Shriners Hospital for Children, Los Angeles. *2013 International Society of Craniofacial Surgery*. Jackson Hole, Wyoming. September 2013.

Campbell A, Gillenwater J, Restrepo C, Deshpande G, Schoemann M, Magee W. The Role of Antibiotics in Cleft Lip Repair. *48^o Congreso Nacional de la Sociedad Espanola de Cirugia Plastica, Reparadora, y Estetica (SECPRE)*. Arona, Tenerife, Espana. June, 2013.

Campbell A, Gillenwater J, Restrepo C, Magee W. The Role of Antibiotics in Cleft Lip Repair. *12th International Congress on Cleft Lip/Palate and Related Craniofacial Anomalies*. Orlando, Florida. May, 2013.

Campbell A, **Gillenwater J**, Restrepo C, Schoemann M, Jacobson L, Magee W. Tissue Adhesives and Cleft Lip Repair in the Developing World. *12th International Congress on Cleft Lip/Palate and Related Craniofacial Anomalies*. Orlando, Florida. May 2013.

Campbell A, **Gillenwater J**, Restrepo C, Magee W. Patient Education and Decreased Complications After Cleft Lip Repair. *12th International Congress on Cleft Lip/Palate and Related Craniofacial Anomalies*. Orlando, Florida. May 2013.

Campbell A, Restrepo C, **Gillenwater J**, Jerome M, Allan A, Laub D. Anthropometric Measurements and Nutritional Assessment as a Predictor of Surgical Risk in Pediatric Cleft Lip Patients in Assam, India. *12th International Congress on Cleft Lip/Palate and Related Craniofacial Anomalies*. Orlando, Florida. May 2013.

Campbell A, **Gillenwater J**, Restrepo C, Jacobson L, Magee W. The Role of Antibiotics in Cleft Lip Repair. *Indocleftcon 2013*. Nagpur, India. January, 2013.
Campbell A, **Gillenwater J**, Restrepo C, Schoemann M, Jacobson L, Magee W. Tissue Adhesives and Cleft Lip Repair in the Developing World. *Indocleftcon 2013*. Nagpur, India. January, 2013.

Campbell A, **Gillenwater J**, Restrepo C, Jacobson L, Magee W. Patient Education and Decreased Complications After Cleft Lip Repair. *Indocleftcon 2013*. Nagpur, India. January, 2013.

Campbell A, Restrepo C, **Gillenwater J**, Jerome M, Allan A, Laub D. Anthropometric Measurements and Nutritional Assessment as a Predictor of Surgical Risk in Pediatric Cleft Lip Patients in Assam, India. *Indocleftcon 2013*. Nagpur, India. January, 2013.

Campbell A, Restrepo C, **Gillenwater J**, Jerome M, Allan, A. Cleft Lip Repair: Nutritional Assessment and Surgical Risk in Assam, India. *Global Health & Innovations Conference, Yale University, New Haven, Connecticut*. April 2012.

Gillenwater, J. Studies of the Frequency of Cleft Lip and Palate in the Developing World: A Deficiency in the Medical Literature. *SoCal Meeting American College of Surgeons*. Santa Barbara, California. January 2011.

Gillenwater J, Lorant J, Kay S, Au K, Magee W. Telemedicine: A four-year experience. *SoCal Meeting American College of Surgeons*. Santa Barbara, California. January 2011.

HONORS & AWARDS

2010-2012

Sue Tsao Global Health and Pediatric Plastic Surgery Fellow, USC

2007	Alpha Omega Alpha , Washington University in St. Louis, Medicine
1999-2003	Fielding Jewell Boles Honor Scholarship , Vanderbilt University Full-Tuition Academic Scholarship

EXTRACURRICULAR

2013, 2014, 2015	Champion Santa Monica Open Beach Touch Rugby Tournament
2013, 2014, 2015	Santa Monica BeachBoks Rugby Team Captain
2009-2010	LAC-USC Division of Plastic and Reconstructive Surgery Representative to the Graduate Medical Education Committee
2005-2007	Vanderbilt University Rugby Football Club Captain