# David Sahar, M.D.

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| Clinical Interests | Dr. Sahar has clinical interests in the areas of general plastic and reconstructive surgery, hand surgery, and cosmetic surgery. He has special interest in microsurgery and free tissue transfer involving breast reconstruction (DIEP flap) and lower extremity. He is involved in both clinical and basic science research. Dr. Sahar's laboratory focus on tissue engineering using adipose derived stem cells, acellular dermal matrix biology in breast reconstruction, cranial suture biology and wound healing. |
| Title | Assistant Professor |
| Specialty | Plastic Surgery, Surgery - Plastic Surgery |
| Department | Surgery |
| Division | Plastic Surgery |
| Center/Program Affiliation | UC Davis Medical Group |
| Address/Phone | Cannery Building, Plastic Surgery, 3301 C St. Suite Suite 1100 Sacramento, CA 95816<br>**Phone:** 916-734-7844<br><br>UC Davis Medical Center - Cypress Building, 2221 Stockton Blvd. Suite 2125 Sacramento, CA 95817 |
| Additional Phone | Physician Referrals: 800-4-UCDAVIS (800-482-3284) |
| Education | M.D., University of Minnesota Medical School, Minneapolis, Minnesota, 1999<br>B.A., University of Minnesota, Minneapolis, Minnesota, 1994 |
| Internships | University of California, San Francisco, East Bay, Oakland, Calif, 2000-2001 |
| Residency | University of California, San Francisco, East Bay, Oakland, Calif, 2001-2007 |
| Fellowships | Stanford University, School of Medicine, Palo Alto, California, 2002-2004<br>University of Texas, Health Science Center, San Antonio, San Antonio, Texas, 2007-2010 |
| Board Certifications | American Board of Plastic Surgery, 2011<br>Medical Board of California-Physician and Surgeon license, 2003<br>Texas Medical Board, 2007 |

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## Professional Memberships

American Society of Plastic Surgeons

The Plastic Surgery Research Council

## Honors and Awards

Avantis Surgical Resident Scholarship, Categorical Surgery Residency, University of San Francisco, East Bay Program, 2001

Eugene S. Strout, MD Scholarship, Minnesota Medial Foundation, University of Minnesota, Minneapolis, 1995

Fritjof Arestad Scholarship, University of Minnesota, Minneapolis, 1995

Thomas F. Andrews Prize (Research), Chapter of Sigma Xi, the Scientific Research Society, University of Minnesota, Minneapolis, 1993

Walter M. Laurer Prize (Distinguished Academic Record), Department of Chemistry, University of Minnesota, Minneapolis, 1992

Undergraduate Research Fellowship Program, College of Biological Sciences, University of Minnesota, 1992

## Select Recent Publications


Cornejo, A, Rodrigquez, T., Steigelman, M., Sahar, D., Cohn, SM, Michalek, JE, Wang HT. The Use of Visible Light Spectroscopy to Measure Tissue Oxygenation in Free Flap Reconstruction. J. Reconstr Microsurg. 2011 Sep;27(7):397-402

James Rosing, MD;Granger Wong, MD, DDS; Michael S. Wong, MD, FACS; David Sahar, MD; Thomas R. Stevenson, MD; Lee Q. Pu, MD, PhD, FACS. Autologous Fat Grafting for Primary Breast Augmentation: A Systematic Review of The Literature Aesthetic Plastic Surgery, 2011 Apr.1

Sahar DE, Behr, B, Fong, KD, Longaker MT, N. Quarto, Unique Modulation of Cadherins Expression Pattern During Posterior Frontal Cranial Suture Development and Closure. Cells Tissues Organs. 2010;191(5):401-13.

Sahar DE, Longaker MT, Quarto N, Sox9 neural crest determinant gene controls patterning and closure of the posterior frontal cranial suture. Developmental Biology, 2005 April; 280:344-361.

Sahar DE, Yang GP, Longaker MT, Harken AH, Surgical application of cDNA microarray technique. Surgery, 2005 Sep;138(3):399-403.

Jenkins, DD, Streetz K, Tataria, M, Sahar DE, Kurobe, M, Longaker, MT, Kay, MA, Sylvester, K. Donor-Derived, Liver-Specific Protein Expression after Bone Marrow Transplantation. Transplantation. 78(4):530-536, August 27, 2004.

Aalami OO, Nacamuli RP, Lenton KA, Cowan CM, Fang TD, Fong KD, Shi YY, Song HM, Sahar DE, Longaker MT. Applications of a Mouse Model of Calvarial Healing: Differences in Regenerative Abilities of Juveniles and Adults. Plast Reconstr Surg. 2004 Sep 1;114(3):713-20.

Sahar DE, Song HM, Fong KD, Nacamuli RP, Fang TD, Mathy JA, Aalami OO, Warren SM,


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Longaker MT, In vitro Murine postrerior frontal suture fate is age dependent: Implications for cranial suture biology. Plast. Reconstr. Surg. 113: 1192,2004.
Feltis BA. Miller JS. Sahar DE. Kim AS. Saltzman DA. Leonard AS. Wells CL. Sielaff TD. Liver and circulating NK1.1(+)CD3(-) cells are increased in infection with attenuated Salmonella typhimurium and are associated with reduced tumor in murine liver cancer. Journal of Surgical Research. 107(1):101-7, 2002 Sep



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