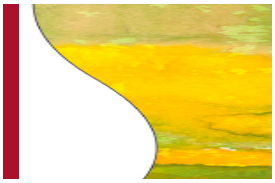
Perry Liu - Curriculum Vitae

Cosmetic & Reconstructive Plastic Surgery
2808 Century Park East, Los Angeles, CA 90067
207 S. Santa Anita St. Suite 335, San Gabriel, CA 91776



Career Interests

Aesthetic and Reconstructive Plastic Surgery

Microsurgery

Professional Training

General Surgery Residency (New York Medical College) **July '99 – June '06**

Completed General Surgery Residency at New York Medical College (Lincoln Hosp./Our Lady of Mercy Hosp.) in the Bronx, NY.

Microsurgical Fellowship (Chang-gung Memorial Hospital) **July '06 – June '07**

Completed a microsurgical fellowship with Fu-Chan Wei at Chang-gung Memorial Hospital in Taipei, Taiwan. Training included Hand, Lower Extremity Reconstruction, Head and Neck Oncological Reconstruction, Breast Reconstruction, Brachial Plexus injuries, Nerve Tumor Resection/Reconstruction, Facial and extremity reanimation using functional free muscle transfers and nerve grafts

Plastic Surgery Fellowship (Tulane University) **July '07 – June '09/present**

Currently undergoing general plastic surgery training at Tulane Medical School. Our training places a major emphasis on cosmetic aspects of plastic surgery with a resident aesthetics clinic under the supervision of Gustav Colon. Cases performed includes both facial and body aesthetic procedures. Our training also includes a mini breast fellowship in all types of breast reconstructions, reductions, and augmentations.

Education

Westminster Schools (Atlanta, Ga) **August '86 – May '91**

High School

Duke University (Durham, NC) **July '91 – May '95**

Bachelor of Science with a double major in Biology and History. Spent a semester at the Duke Marine Lab in Beaufort, NC.

Emory Medical School (Atlanta, Ga) **July '95 – May '99**

Medical Doctor degree from Emory University.

Medical Licensures

- New York (Active)
- Louisiana (Active)
- California (Active)

Skills

- General Surgery
- Aesthetic Plastic Surgery
- Reconstructive Plastic Surgery
- Microsurgery

Research Experience

Duke University (Beaufort, NC) **Fall 1993**

- The Effects of Nitric Oxide on Invertebrate Marine Larvae (Bugula Neritina, Artemia salina, and Balanus amphitrite)

Duke University Medical Center (Durham, NC) **June '94 – June'95**

- The Purification of Guanylate Cyclase
- Nitric Oxide Regulation of Guanylate Cyclase During Intercellular Signal Transduction
- Nitric Oxide Mediated Gene Induction in E. coli

National Taiwan University (Taipei, Taiwan) **Summer '96**

- Aracadonic Acid Mediated Anti-oxidant Responses in Endothelial Cells

Brigham & Women's Hospital/Harvard (Boston, MA) **June '02 – June'04**

- Micromechanical Force Stimulation of Angiogenesis/Wound Healing
- Platelet Releasates and Wound Healing
- Stem Cells and Wound Healing
- Optimization of UV Cross-linked Collagen-GAG Matrices

  Melanocyte transplantation using plucked hair follic

Professional Memberships

- American Medical Association
- American College of Surgeons

Hobbies and Avocational Interests

- Drawing
- Chinese Painting
- Chess (Chinese & Western)
- Tennis
- Table Tennis
- Basketball
- Trumpet and Baritone

Awards

- Phi Eta Sigma Honor Society (Duke University) - 1991
- Golden Key Honor Society (Duke University) - 1992
- Sigma Gamma Delta Honor Society (Duke University) - 1994
- Sirena WuDunn Memorial Scholarship in Asian Studies (Duke University) - 1994
- Poster of Distinction Award (Brigham and Women's Hospital Research Exhibition) - October 8, 2003 (1st Prize $300)
- 2008 Stephen Mathes Research Award (Louisiana Society of Plastic Surgeons) - January 20, 2008 ($200 Prize)
- 2007-2008 Best Resident Research Presentation Award (Tulane/LSU Plastic Surgery)

Research Grants

- CIMIT **New Concept Award (2003)**
  Tension Induced Angiogenesis in Wound Healing
  Funding: $25,000

- CIMIT **Proof of Principle Award (2004)**
  Application of Micro-Mechanical Forces to Accelerate Wound Healing
  Funding: $75,000

Presentations

- Micro-mechanical Force Stimulation of Angiogenesis. Brigham & Women's Hospital Research Poster Presentation; October 14, 2003.
- Micro-mechanical Force Stimulation of Angiogenesis, American Burn Association, Vancouver, BC; March 25, 2004.
- Micro-mechanical Force Stimulation of Wound Healing - American College of Surgeons Clinical Congress, New Orleans, LA; October 22, 2004
- Micro-mechanical Force Stimulation of Wound Healing - Surgical Grand Rounds, Our Lady of Mercy Hospital; November 18, 2004
- Supraclavicular Artery Flap: A versatile local-regional fasciocutaneous flap for head and neck reconstruction - Louisiana Society of Plastic Surgery 2008 Annual Meeting; January 20, 2008
- Supraclavicular Artery Flap: A local-regional fasciocutaneous flap for pharyngeal reconstruction – Southeastern Society for Plastic and Reconstructive Surgery 2008 Annual Meeting; June 9, 2008
- Supraclavicular Artery Flap: A local-regional fasciocutaneous flap for pharyngeal reconstruction – American Society of Plastic Surgery 2008 Annual Meeting; November 5, 2008
- Supraclavicular Artery Flap: Novel Approach to Head and Neck Oncologic Reconstruction Using a Regional Flap – Louisiana Chapter, American College of Surgeons & SAL Joint Annual Meeting. New Orleans, LA. January 17, 2009

Publications

- 2004 American Burn Association Meeting Abstract
  Liu P, R. Chan, DH Lew, SI Ibrahim, CR Valeri, HB Hechtman, DP Orgill.Recombinant Platelet Derived Growth Factor (Regranex) Has Modest Effect on Wound Closure in Genetically Diabetic Mice. *Supplement to Journal of Burn Care & Rehabilitation* March/April 2004, Vol. 25, No.2
- 2004 American Burn Association Meeting Abstract
  Liu P, Lew D, Chan R; Mayer H, Ingber D; Mentzer SJ; Orgill DP. Micro-mechanical Force Stimulation of Angiogenesis. *Supplement to Journal of Burn Care & Rehabilitation* March/April 2004, Vol. 25, No.2

- 2004 American Burn Association Meeting Abstract
  Chan, R, E Garfein, PR Gigante, **PH Liu**, DP Orgill. Side Population Hematopoietic Stem Cells Promote wound Healing. *Supplement to Journal of Burn Care & Rehabilitation* March/April 2004, Vol. 25, No.2
- 2004 American Burn Association Meeting Abstract
  Lew, DH, **PH Liu**, DP Orgill. Optimization of U-V Cross-linking Density for Durable & Nontoxic Collagen GAG Dermal Substitute. *Supplement to Journal of Burn Care & Rehabilitation* March/April 2004, Vol. 25, No.2
- 2004 American Burn Association Meeting Abstract
  Kwon, H, EK Nishimura, DH Lew, **PH Liu**, DE Fisher, DP Orgill. Renewable Source of Melanocytes for Transplantation and Pigment Manipulation. *Supplement to Journal of Burn Care & Rehabilitation* March/April 2004, Vol. 25, No.2
- 2003 Experimental Biology Meeting Abstract
  Chan, R, R Srey, **P Liu**, DH Lew, N Verna, SI Ibrahim, S Oakes, CR Valeri, HB Hechtman, DP Orgill. Expired liquid preserved platelet releasates retain proliferative activity. *Supplement to* *Federation of American Societies for Experimental Biology*
- Pietramaggiori G, **Liu P**, Scherer SS, Kaipainen A, Prsa MJ, Mayer H, Newalder J, Alperovich M, Mentzer SJ, Konerding MA, Huang S, Ingber DE, Orgill DP.Tensile forces stimulate vascular remodeling and epidermal cell proliferation in living skin. Ann Surg. 2007 Nov;246(5):896-902.
- Chan RK, Garfein E, Gigante PR, **Liu P**, Agha RA, Mulligan R, Orgill DP. Side population hematopoietic stem cells promote wound healing in diabetic mice. Plast Reconstr Surg. 2007 Aug;120(2):407-11; discussion 412-3.
- Lew DH, **Liu PH**, Orgill DP.Optimization of UV cross-linking density for durable and nontoxic collagen GAG dermal substitute. J Biomed Mater Res B Appl Biomater. 2007 Jul;82(1):51-6.
- Chan RK, **Liu PH**, Pietramaggiori G, Ibrahim SI, Hechtman HB, Orgill DP. Effect of recombinant platelet-derived growth factor (Regranex) on wound closure in genetically diabetic mice. J Burn Care Res. 2006 Mar-Apr;27(2):202-5.
- Chan RK, **Liu P**, Lew DH, Ibrahim SI, Srey R, Valeri CR, Hechtman HB, Orgill DP. Expired liquid preserved platelet releasates retain proliferative activity. J Surg Res. 2005 Jun 1;126(1):55-8.
- 2008 Aesthetic Facial Reconstruction in Adults and Children Symposium Abstract
  Ernest S. Chiu, **Perry H. Liu**, Paul L. Friedlander. Head and Neck Oncologic Reconstruction using Supraclavicular Artery Flap.
- Book Chapter: Chan, Rodney, **Liu, Perry Hsien-Tsung**, Orgill, Dennis P. "Wound Healing: An Orchestration of Humoral and Cellular Forces" in *Encyclopedia of the Microvasculature*. Shepro, D. (editor), Elsevier Academic Press.
- E-medicine.com article: **Liu PH**, E Chiu. Flaps, Muscle and Musculocutaneous Flaps.

- Kwon H, **Liu P**, Lew DH, Nishimura EK, Orgill DP. Hair Follicle Melanocyte Cells as a Renewable Source of Melanocytes for Culture and Transplantation. Eplasty. 2008 Jan; 8: e7
- Liu PH, ES Chiu. Supraclavicular Artery Island Flap: A New Technique for Pharyngeal Reconstruction. Annals of Plastic Surgery. Ann Plast Surg. 2009 May;62(5):497-501.
- Chiu ES, Liu PH, Friedlander PL. Supraclavicular artery island flap for head and neck oncologic reconstruction: indications, complications, and outcomes. Plast Reconstr Surg. 2009 Jul;124(1):115-23.
- Commentary Sections: Oxley, PJ. Classifications in Facial Plastic Surgery. Plural Publishing. 2009.

Pending Publications

- **Book Chapter: Liu, PH**, FC Wei. Anterolateral Thigh Flap in Lower Extremity Reconstruction.
- **Liu, PH**, FC Wei. Radial Forearm Flap.