

07/03/2008

CURRICULUM VITAE

NAME: Deborah Watson, M.D., F.A.C.S.

CITIZENSHIP: United States of America

ADDRESS: Division of Otolaryngology-Head and Neck Surgery
University of California, San Diego School of Medicine
3350 La Jolla Village Dr., 112-C
San Diego, CA 92161
Phone: (858) 642-3405 Fax: (858) 552-7466
Patient Line: (858) 657-8590

CURRENT

APPOINTMENT: Associate Professor, Program Director, Otolaryngology-Head & Neck Surgery,
University of California, San Diego (1999 – present)

Director of Facial Plastic & Reconstructive Surgery,
UCSD Medical Center (1999 – present)

EDUCATION:

1983 - 1987 Scripps College, Claremont, CA (B.A. in Biology with Honors)

1988 – 1992 University of Southern California School of Medicine, Los Angeles, CA (M.D.)

POST-GRADUATE:

1992 - 1994 Surgical House Officer in Basic Surgical Training Program,
Department of Surgery, University of California, Los Angeles Medical Center
Los Angeles, CA

1994 – 1998 Resident in Otolaryngology
Division of Otolaryngology-Head and Neck Surgery
University of California, Los Angeles Medical Center, Los Angeles, CA

FELLOWSHIP:

1998 - 1999 Facial Plastic and Reconstructive Surgery
(Professors M. Eugene Tardy, Jr., M.D. and Dean M. Toriumi, M.D.)
Division of Facial Plastic and Reconstructive Surgery
University of Illinois at Chicago, Chicago, IL

BOARD

CERTIFICATION: American Board of Otolaryngology, May 1999
American Board of Facial Plastic & Reconstructive Surgery, June 2001

HONORS

UNDERGRADUATE:

Phi Beta Kappa (1987)
Sigma Xi National Research Society (1986)
Dean's List (1984, 1985, 1987)
National Dean's List Recognition (1987)

Honors in Biology, Joint Science Department of the Claremont Colleges
Keck Foundation Research Grant (1985, 1986)
Isabel Fothergill Smith Scholarship (1985, 1986)
Artwork displayed at The Lang Gallery art exhibition, Scripps College, Claremont, CA (1985)

MEDICAL SCHOOL:

Dean's Scholar (Junior/Senior Continuum)
Clerkship Honors: *General Surgery, Otolaryngology, Ophthalmology, Plastic Surgery, Neurosurgery, Anesthesiology, Medicine I/II, Psychiatry*
Clerkship Near Honors: *Obstetrics & Gynecology, Pediatrics*
Departmental Honors in *Gross Anatomy, Psychiatry, and the Blood System*
USC School of Medicine Student Research Fellowship Award (1989)
USC Romm Scholarship. Award based on academic performance (1989)
Chinese Physician's Society of Southern California Scholarship (1990)
Honorable Mention for artwork displayed at LACMA Physician's Art Society exhibition (1990)

POSTGRADUATE:

UCLA Physician of the Year (1993). Awarded by the Respiratory Therapy Dept.
2000 Investigator Development Grant, sponsored by the Educational and Research Foundation for the American Academy of Facial Plastic and Reconstructive Surgery
VA Merit Research Entry Program Research Grant (April 2002-2005)
The "Golden Apple" Teaching Award (June 2000 and June 2001), presented by the residents of the UCSD Division of Otolaryngology-Head and Neck Surgery
Department of Veterans Affairs Certificate of Appreciation, March 22, 2001
Best Doctors in America (2003-2004). Listed in San Diego Magazine, October 2003
Fellow of the American College of Surgeons, October 2003
2004 Best of La Jolla Readers Poll for "Best Plastic Surgeon – 3rd Place." Listed in La Jolla Light Newsmagazine, October 2004
2005 Academic Keys Who's Who in Medical Sciences Education
Best Doctors in America (2005-2006)
The "Golden Apple" Resident Appreciation Award (2007)
Best Doctors in America (2007-2008)

HOSPITAL AFFILIATIONS:

Attending, (1999 – present) Thornton Hospital, 9300 Campus Point Dr., La Jolla, CA 92037
Attending, (1999 – present) UCSD Medical Center, Hillcrest, 200 W. Arbor Blvd., San Diego, CA 92103
Attending, (1999 – present) Veteran's Affairs San Diego Healthcare System, La Jolla, CA 92161
Active, (2004 – present) La Jolla SpAMD, 7630 Fay Ave., La Jolla, CA 92037
Active, (1999 – present) Green Hospital of Scripps Clinic, 10666 North Torrey Pines Rd., La Jolla, CA

UNIVERSITY COMMITTEES:

Program Director, Division of Otolaryngology-Head and Neck Surgery (2005 – present)
Chairperson, Resident Education Committee, Division of Head and Neck Surgery (2000 - present)
Co-Director, Residency Program, Division of Otolaryngology-Head and Neck Surgery (2003 – 2005)
UCSD Continuing Medical Education Dean's Advisory Committee (2001 - present)
UCSD School of Medicine Core Curriculum Committee (2001 - 2004)
UCSD School of Medicine—Medical Student Advisor (2004 – present)
Chairperson, UCSD Department of Surgery Ad Hoc Appointment and Promotion Review and Appraisal Committee (2005)
UCSD Operational Guidelines for the Standings and Promotions Committee (SPC) (2007)

VA San Diego Healthcare System Medical Records Committee (1999 - present)
VA San Diego Healthcare System Closed Medical Records Committee (1999 – present)
VA San Diego Healthcare System OR Committee (2003 - present)
VA San Diego Healthcare System Scientific Review Committee (2007 – present)

NATIONAL COMMITTEES:

American Academy of Facial Plastic and Reconstructive Surgery (AAFPRS) Board of Directors,
Young Physicians Representative, nominated by past academy presidents and elected by academy
members (2005 – 2008)
Chairperson for AAFPRS Women in Facial Plastic Surgery Committee (2004 – 2007)
AAFPRS Fellowship Research Committee (2005 – 2009)
AAFPRS Fellowship Committee (1999 – 2005)
AAFPRS Membership Committee (1999 – 2005)
AAFPRS Residency Relations Committee (1999 – 2001)
AAFPRS Regulatory and Socioeconomic Affairs Committee (1999 – 2005)
AAFPRS Women in Facial Plastic Surgery Committee (2000 – 2005)
Chairperson/Coordinator for the AAFPRS FACE to FACE and National Domestic Violence Project
Presidential fundraising event (September 2002)

MEMBERSHIPS:

Member, The Triological Society—Western Section
Fellow, American College of Surgeons
Diplomate, American Academy of Facial Plastic and Reconstructive Surgery (AAFPRS)
Member, American Academy of Otolaryngology-Head and Neck Surgery
Member, USC Salerni Collegium, Alumni-Student Medical Benefit Society
Member, California Society of Facial Plastic Surgery
Member, San Diego Academy of Otolaryngology

GUEST EDITOR:

Facial Plastic Surgery, February 2004 edition of “Minimally Invasive Office-Based Procedures”

MANUSCRIPT REVIEWER:

Acta Oto-Laryngologica
Lasers in Surgery and Medicine
Archives of Facial Plastic Surgery

EXAMINER:

American Board of Facial Plastic and Reconstructive Surgery, Written Exam Reviewer (2000 – present)
UCSD School of Medicine Surgery Clerkship 401 oral examiner (2000 – present)
American Board of Otolaryngology, Oral Examiner (2005 – present)

CONTRACTS AND GRANTS

ACTIVE:

Title: *Tissue Engineered Cartilage with Autologous Human Serum*
Agency: UCSD Academic Senate
Period: 04/01/08 – 3/31/09

Title: *Tissue Engineering of Human Nasal Septal Cartilage in a Perfusion Bioreactor*

Agency: American Academy of Otolaryngology-Head and Neck Surgery Research Foundation
Period: 09/01/07 – 8/31/08

Title: *Analysis of Native and Tissue Engineered Human Septal Cartilage - II*
Agency: VA San Diego Healthcare System (Merit Grant)
Period: 04/01/05 – 03/31/08

PAST:

Title: *Single-Center, Inter-Rater and Intra-Rater Reliability of the Global Eyelash Assessment Scale With Photonumeric Guide for Assessment of Overall Eyelash Prominence*

Agency: Allergan, Inc.
Period: 02/10/07

Title: *Human Serum for Tissue Engineering of Human Septal Cartilage*
Agency: American Academy of Facial Plastic and Reconstructive Surgery Research Foundation
Period: 07/01/06 – 12/31/06

Title: *A Phase III Double-Blind, Randomized and Placebo-Controlled Study of Isolagen Injection for the Treatment of Contour Deformities*
Agency: Isolagen Laboratories, Inc.
Period: 08/01/03 – 07/01/05

Title: *Effect of Bone Morphogenic Protein on Nasal Septal Chondrocytes in Alginate*
Agency: American Academy of Otolaryngology – Head and Neck Surgery
Period: 08/01/04 – 02/01/05

Title: MicroMESAM Sleep Screener Pre-Market User Evaluation Study
Agency: ResMed Corp.
Period: 04/01/04 – 04/01/05

Title: Tissue-Engineered Cartilage Using a Perfusion Bioreactor
Agency: Amylin Research Scholarship (role: faculty sponsor for undergraduate student project)

Title: Effect of Nasal Surgery on Nasal Respiration
Agency: VA San Diego Healthcare System
Period: 07/01/03 – 06/30/05

Title: *Analysis of Native and Tissue Engineered Human Septal Cartilage - I*
Agency: VA San Diego Healthcare System (MREP Grant)
Period: 04/01/02 – 03/31/05

Title: *Biochemical and Biomechanical Properties of Human Tissue Engineered Septal Cartilage*
Agency: Amer Acad of Facial Plastic and Reconstructive Surgery Education and Research Foundation
Period: 09/01/00 – 08/31/03

Title: *Growth of Chondrocytes in Fibrin Scaffolds*
Agency: Baxter-Hyland Immuno
Period: 02/01/02 – 10/31/02

Title: *Tissue Engineering of Human Septal Cartilage*
 Agency: VA San Diego Healthcare System (Seed Grant)
 Period: 04/01/00 – 08/31/00

MENTORED TRAINEES IN CARTILAGE TISSUE ENGINEERING LABORATORY:

Mark Homicz, MD	Post-docturate research resident	July 2000-June 2001
Stan Chia, MD	Post-docturate research resident	July 2001-June 2002
David Hicks, MD	Post-docturate research resident	July 2002-June 2003 July 2004-Dec 2004
Jeremy Richmon, MD	Post-docturate research resident	July 2003-June 2004
Christine Pan	Bioengineering undergraduate student	Sept 2003-June 2004
Elliot Shelton	Bioengineering undergraduate student	Oct 2003-Dec 2005
Tom Alexander	Post-docturate research resident	July 2005-Dec 2006
Matthew Davey	Bioengineering undergraduate student	Dec 2005-June 2006
Jorge Cardenas	Biology undergraduate student	Aug 2006-Dec 2006
Biaobing Yang, MD	Post-doc visiting research scholar Weifang Medical University Weifang, Shandong province, China	Nov 2006-April 2007
Angela Chang, MD	Post-docturate research resident	July 2007-present
Jeong-Hoon Oh, MD, PhD	Assistant professor/ research scholar The Catholic University of Korea Seoul, Korea	March 2009-present

UCSD SCHOOL OF MEDICINE INDEPENDENT STUDY PROJECTS (ISP):

Amir Larian	“Analysis of the Psychosocial Effects of Facial Paralysis”	Dec 2005
Krithi Ravindranath	“Stem Cells in Facial Nerve Regeneration”	June 2006

UCSD DEPT. OF BIOENGINEERING DOCTORAL THESIS COMMITTEE:

Gregory Williams	“Cartilage Reshaping Mechanics and Mechanisms for Chondrol Graft Therapies”	Sept 2007
------------------	---	-----------

VISITING FACULTY/SCHOLAR FOR SURGERY OBSERVERSHIPS:

Byeong Ho Song, MD, PhD	Miral ENT Clinic, Seoul, Korea	July 2005-June 2006
Geraldo Gomes, MD	Dept. Oto-HNS Rio de Janeiro University Rio de Janeiro, Brazil	Aug 1 - 28, 2006
Byung-Guk Kim, MD, PhD	Dept. Oto-HNS The Catholic University of Korea St. Paul’s Hospital, Seoul, Korea	Sept 2005-Aug 2007
Chang-Hoon Kim, MD, PhD	Dept. Oto-HNS Yonsei University College of Medicine Seoul, Korea	Jan –Feb, 2008
Jeong-Hoon Oh, MD, PhD	Assistant professor/ research scholar The Catholic University of Korea Seoul, Korea	March 2009-present

PAST RESEARCH PROJECTS:

FELLOWSHIP YEAR:

Title: The Use of Cyanoacrylate Adhesive Formulations as a Biological Dressing Following Laser Induced Injury
Location: Division of Facial Plastic and Reconstructive Surgery, University of Illinois at Chicago, Chicago, IL
Period: 1998 - 1999

Title: Freeze-Dried Acellular Nerve Graft for Neural Regeneration
Location: Division of Facial Plastic and Reconstructive Surgery, University of Illinois at Chicago, Chicago, IL
Period: 1998 - 1999

POSTGRADUATE:

Title: Intradermal Injections of Autologous Fibroblasts for the Treatment of Facial Rhytids and Dermal Depressions
Location: Division of Head and Neck Surgery, UCLA, Los Angeles, CA
Period: 1997 - 1998

Title: Comparing the Effect of Botulinum Toxin Injections to Transection of the PCA Muscle in the Canine Model.
Location: Division of Otolaryngology-Head & Neck Surgery, UCLA, Los Angeles, CA
Period: 1997 - 1998

Title: The Use of Autologous Lamina Propria for Vocal Cord Augmentation
Location: Division of Otolaryngology-Head & Neck Surgery, UCLA, Los Angeles, CA
Period: 1997 - 1998

Title: Reimplantation of the Canine Larynx
Location: Division of Otolaryngology-Head & Neck Surgery, UCLA, Los Angeles, CA
Period: 1997 - 1998

MEDICAL SCHOOL:

Title: Canine Laryngeal Physiology
Location: Division of Otolaryngology-Head and Neck Surgery, UCLA, Los Angeles, CA,
Period: 01/92 – 03/92

Title: Microvascular Anastomosis in Rats Using Gortex Stents and Fibrin Glue
Location: Department of Otolaryngology-Head and Neck Surgery, LAC-USC Medical Center, Los Angeles, CA
Period: 04/91 – 06/91

Title: Norepinephrine Release and Cytosolic Calcium Levels in Synaptosomes Exposed to Varying Potassium Concentrations in Normal and Uremic Rats
Location: Department of Nephrology, LAC-USC Medical Center, Los Angeles, CA
Period: 01/91 – 05/91

Title: Renin Gene Expression in Experimental Renovascular Hypertensive Rats
Location: Departments of Endocrinology and Surgery, LAC-USC Medical Center, Los Angeles, CA
Period: 10/89 – 05/90

UNDERGRADUATE:

Title: Transcriptional Regulation of the Immunoglobulin Gene; Enhancer Sequence of the T-cell Receptor β -chain.
Location: Molecular Biology Institute, UCLA, Los Angeles, CA and Columbia University, New York
Period: 09/87 – 08/88

Title: Land and Wildlife Survey of the San Bernardino Region
Location: Ecological Research Services, Claremont Colleges and the Los Angeles Metropolitan Water District, Los Angeles, CA
Period: 06/87 – 08/87

Title: The Effects of High Temperature on Gamete Formation, Reproductive Behavior, and Reproductive Success of the Amargosa Pupfish (*Cyprinodon nevadensis amargosae*)
Location: Scripps College, Claremont, CA
Period: 08/86 – 05/87

Title: Rainbow Trout Aquaculture
Location: Joint Science Department of the Claremont Colleges, Claremont, CA
Period: 06/86 – 08/86

Title: Visual Control of Turning Responses to Tactile Stimuli in the Crayfish (*Procambarus clarkii*)
Location: Joint Science Department of the Claremont Colleges, Claremont, CA
Period: 06/85 – 08/85

BIBLIOGRAPHY

CHAPTERS:

1. Watson D and Toriumi DM. Structural Grafting in Secondary Rhinoplasty, in: *Rhinoplasty: The Dallas Rhinoplasty Symposium Text*, Part 6, chapter 38. St Louis, Quality Medical Publishing Co. 2001.
2. Toriumi DM and Watson D. Innovative Surgical Management of the Crooked Nose, in: *Rhinoplasty: The Dallas Rhinoplasty Symposium Text*, Part 7, chapter 46. St Louis, Quality Medical Publishing Co. 2001.
3. Watson D and Rivkin A. Septoplasty. In G Branham, DM Toriumi, A Meyers, eds. *eMedicine: Otolaryngology and Facial Plastic Surgery*, 1st ed., 2001.
4. Hilinski J, Beros A, Watson D. Spreader Grafts in Rhinoplasty. In G Branham, DM Toriumi, A Meyers, eds. *eMedicine: Otolaryngology and Facial Plastic Surgery*, 1st ed., 2001.
5. Tardy ME, Watson D, Chand MS. Secondary Rhinoplasty. In: Ira Papel, ed. *Facial Plastic & Reconstructive Surgery*, 2nd ed., Thieme, 2002.

6. De Rosa J, Watson D and Toriumi DM. Structural Grafting in Secondary Rhinoplasty, in: *Dallas Rhinoplasty: Nasal Surgery by the Masters, 2nd Edition*, Part 7, chapter 38. St Louis, Quality Medical Publishing Co. 2007.
7. Watson D, Alexander T. Auricular Reconstruction. In: J. Regan Thomas, ed. *Advanced Therapy in Facial and Plastic Reconstructive Surgery*, 1st ed., BC Decker Inc., 2008.
8. Keller GS and Watson D. Instrumentation and Technique for Endoscopic Forehead and Browlifting, in: Toriumi DM (ed.), *Facial Plastic and Reconstructive Surgery*. Philadelphia, Lippincott-Raven Publishers (submitted).
9. Watson D and Toriumi DM. Spreader Grafts, in: Toriumi DM (ed.), *Facial Plastic and Reconstructive Surgery*. Philadelphia, Lippincott-Raven Publishers (submitted).
10. Watson D and Toriumi DM. Bilobed Flaps, in: Toriumi DM (ed.), *Facial Plastic and Reconstructive Surgery*. Philadelphia, Lippincott-Raven Publishers (submitted).
11. Watson D and Toriumi DM. Management of the Nasofrontal Angle, in: Toriumi DM (ed.), *Facial Plastic and Reconstructive Surgery*. Philadelphia, Lippincott-Raven Publishers (submitted).
12. Tardy ME, Watson D, Chand M. Temporal Browlift, in: Toriumi DM (ed.), *Facial Plastic and Reconstructive Surgery*. Philadelphia, Lippincott-Raven Publishers (submitted).
13. Tardy ME, Watson D, Chand M. Principles of Nasal Tip Surgery, in: Toriumi DM (ed.), *Facial Plastic and Reconstructive Surgery*. Philadelphia, Lippincott-Raven Publishers (submitted).
14. Tardy ME, Watson D, Chand M. Transdomal Suture Refinement of the Nasal Tip, in: Toriumi DM (ed.), *Facial Plastic and Reconstructive Surgery*. Philadelphia, Lippincott-Raven Publishers (submitted).
15. Tardy ME, Watson D, Chand M. Correction of Alar Retraction, in: Toriumi DM (ed.), *Facial Plastic and Reconstructive Surgery*. Philadelphia, Lippincott-Raven Publishers (submitted).
16. Tardy ME, Watson D, Chand M. Internal Alar Base Reduction, in: Toriumi DM (ed.), *Facial Plastic and Reconstructive Surgery*. Philadelphia, Lippincott-Raven Publishers (submitted).
17. Tardy ME, Watson D, Chand M. Cephalic Trim of the Lateral Crura, in: Toriumi DM (ed.), *Facial Plastic and Reconstructive Surgery*. Philadelphia, Lippincott-Raven Publishers (submitted).
18. Tardy ME, Watson D, Chand M. Strut Insertion via Endonasal Incision, in: Toriumi DM (ed.), *Facial Plastic and Reconstructive Surgery*. Philadelphia, Lippincott-Raven Publishers (submitted).
19. Tardy ME, Watson D, Chand M. Alar Batten Grafts, in: Toriumi DM (ed.), *Facial Plastic and Reconstructive Surgery*. Philadelphia, Lippincott-Raven Publishers (submitted).
20. Tardy ME, Watson D, Chand M. Harvest of Auricular Cartilage, in: Toriumi DM (ed.), *Facial Plastic and Reconstructive Surgery*. Philadelphia, Lippincott-Raven Publishers (submitted).

ARTICLES:

1. Copp NH and Watson D. Visual Control of Turning Responses to Tactile Stimuli in the Crayfish *Procambarus clarkii*. J Comp Physiol A 1988, 163: 175-186.
2. Bielamowicz S, Calcaterra TC, and Watson D. Inverting Papilloma of the Head and Neck: The UCLA Update. Otolaryngol HNS 1993, July: 71-76.
3. Bielamowicz S, Berke GS, Watson D, et al. Effects of RLN and SLN Stimulation on Glottal Area. Otolaryngol HNS 1994, April: 370-380.
4. Watson D, Fu Y, and Canalis R. Transitional Features of Benign and Malignant Oncocytic Tumor: Report of Two Cases. Amer J Otolaryngol 1996, Sept-Oct: 335-339.
5. Watson D, Keller GS, Lacombe V, Fodor PB, Rawnsley J, and Lask GP. Autologous Fibroblasts for Treatment of Facial Rhytids and Dermal Depressions. Archives of Facial Plastic Surgery 1999, July-Sept: 165-170.
6. Toriumi DM and Watson D. Cyanoacrylate Tissue Adhesive for Superficial Skin Closure. Current Opinion in Otolaryngology 1999, 7: 214-218.
7. Watson D. Rhinoplasty for the New Millennium: The Advanced Rhinoplasty Course. Archives of Facial Plastic Surgery 1999, Oct-Dec: 322-323.
8. Watson D and Sorensen S. Computers in Slide Production and Presentations. Facial Plastic Surgery Clinics of North America 2000, 8: 45-53.
9. McGowan KB, Kurtis MS, Lottman LM, Watson D, Sah RL. Age-related Changes in the Intrinsic Fluorescence and Cellularity of Human Cartilage: Effects on DNA Assays with Hoechst 33258 and Picogreen. Trans Orthop Res Soc 2001,26:369.
10. McGowan KB, Kurtis MS, Lottman LM, Watson D, Sah RL. Biochemical Quantification of DNA in Human Articular and Septal Cartilage Using PicoGreen and Hoechst 33258. Osteoarthritis Cartilage 2002, 10: 580-7.
11. Watson D. Torn Earlobe Repair. Otolaryngol Clin of N Amer 2002, 35: 187-205.
12. Homicz M, Schumacher B, Sah RL, Watson D. Effects of Serial Expansion of Septal Chondrocytes on Tissue Engineered Neocartilage Composition. Otolaryngology-HNS 2002, 127: 398-408.
13. Homicz M, Chia S, Schumacher B, Masuda K, Thonar EJ, Sah RL, Watson D. Septal Chondrocyte Redifferentiation in Alginate, Scaffolds, and Monolayer. Laryngoscope 2003, 113: 25-32. (Paper received the Shirley Baron Resident Research Award from the Triological Society Western Section Meeting, February 2002, and received front cover recognition in the published Laryngoscope issue).
14. Homicz MR, McGowan KB, Lottman LM, Beh G, Sah RL, Watson D. A Compositional Analysis of Human Nasal Septal Cartilage. Arch Fac Plast Surg 2003, 5: 53-58. (Awarded the 2002 Ben Shuster Memorial Award from the Educational and Research Foundation of the American Academy of Facial Plastic and Reconstructive Surgery).

15. Watson D. Septoplasty Made Easy. Plastic Surgery Products 2004, 14: 38-42.
16. Homicz M and Watson D. Review of Injectable Materials for Soft Tissue Augmentation. Facial Plastic Surgery 2004, 1: 21-30.
17. Watson D. Repair of the Torn Earlobe. Facial Plastic Surgery 2004, 1: 39-46.
18. Shpall R, Beddingfield FC, Watson D, Lask GP. Microdermabrasion: A Review. Facial Plastic Surgery 2004, 1: 47-50.
19. Chia S, Schumacher B, Klein TJ, Thonar EJ, Masuda K, Sah RL, Watson D. Tissue Engineered Human Nasal Septal Cartilage Using the Alginate-Recovered-Chondrocyte (ARC) Method. Laryngoscope 2004, 114: 38-45. (Article received front cover recognition).
20. Hicks D, Watson D. Soft Tissue Reconstruction of the Forehead and Temple. Facial Plastics Clinic of North America 2005, 13 (2): 243-51.
21. Chia S, Homicz MR, Schumacher BL, Thonar EJ, Masuda K, Sah RL, Watson D. Characterization of Human Nasal Septal Chondrocytes Cultured in Alginate. Journal of American College of Surgeons 2005, 200 (5): 691-704.
22. Richmon JD, Sage A, Chen A, Schumacher BL, Sah RL, Watson D. Tensile Biomechanical Properties of Human Nasal Septal Cartilage. American Journal of Rhinology 2005, 19 (6): 617-622.
23. Richmon JD, Sage A, Schumacher BL, Sah RL, Watson D. Effect of Growth Factors on Cell Proliferation, Matrix Deposition and Morphology of Human Nasal Septal Chondrocytes Cultured in Monolayer. Laryngoscope 2005, 115 (9): 1553-1560.
24. Hicks D, Sage A, Schumacher BL, Sah RL, Watson D. Growth and Phenotype of Low-density Nasal Septal Chondrocyte Monolayers. Otolaryngology-Head and Neck Surgery 2005, 133: 417-422.
25. Watson D. Treatment of Earlobe Injuries. Plastic Surgery Products 2005, 15 (11): 40-44.
26. Alexander T, Sage A, Schumacher B, Sah R, Watson D. Human Serum for Tissue Engineering of Human Septal Cartilage. Otolaryngology-HNS 2006, 135: 397-403.
27. Hicks DL, Sage A, Schumacher BL, Jadin K, Agustin R, Sah RL, Watson D. Stored Human Septal Chondrocyte Viability Analyzed by Confocal Microscopy. Archives Oto-HNS 2006, 132: 1137-1142.
28. Richmon JD, Sage A, Chen A, Sah RL, Watson D. Compression Biomechanical Properties of Human Nasal Septal Cartilage. American Journal of Rhinology 2006, 20: 496-501. (Awarded the Western Section Shirley Baron Resident Research Award).
29. Hicks D, Sage A, Shelton E, Schumacher B, Sah RL, Watson D. Effect of BMP-2 and -7 on Nasal Septal Chondrocytes in Alginate. Otolaryngology-Head and Neck Surgery 2007, 136: 373-379.
30. Mariano E, Watson D, Chu LF, Loland VJ, Cheng GS, Mehta SH, Maldonado RC, Ilfeld BM. Effect of Infraorbital Nerve Blocks on Postanesthesia Recovery Following Outpatient Nasal Surgery: A Randomized, Triple-masked, Placebo-controlled Study. (submitted to Anesthesia & Analgesia).

31. Watson D, Sage A, Schumacher BL, Chia S, Sah RL. Growth of Chondrocytes in Fibrin Scaffolds. (In preparation).
32. Watson D, Chia S, Harwood F, Sage A, Schumacher BL, Amiel D, Sah RL. Histochemical Characterization of Human Septal Cartilage. (In preparation).
33. Sage A, Schumacher BL, Chia S, Sah RL, Watson D. Cartilage Outgrowth in Fibrin Scaffolds. (In preparation).

PRESENTATIONS:

The Effects of High Temperature on Gamete Formation, Reproductive Behavior, and Reproductive Success of the Amargosa Pupfish

Joint Science Department Student Research Conference, Claremont, California, 1987

Renin Gene Expression in Experimental Renovascular Hypertensive Rats

USC Student Research Forum, Los Angeles, California, 1990

Transitional Features of Benign and Malignant Oncocytic Tumor: Report of Two Cases

UCLA Paul Ward Society meeting, Los Angeles, California, 1994

Inner Ear Fluid and Related Physiology

UCLA Division of Head and Neck Surgery Resident Teaching Conference, Los Angeles, California, December 1994

Management of Cranial Nerve Injuries Following Skull Base Surgery

UCLA Division of Head and Neck Surgery Resident Teaching Conference, Los Angeles, California, November 1995

Amyloidoma of the Hypoglossal Canal

American College of Surgeons meeting, Santa Barbara, California, January 1996

Partial and Total Nasal Reconstruction

UCLA Division of Head and Neck Surgery Resident Teaching Conference, Los Angeles, California, October 1996

Comparing the Effect of Botulinum Toxin Injections to Transection of the PCA Muscle in the Canine Model

UCLA Division of Head and Neck Surgery Resident Teaching Conference, Los Angeles, California, October 1997

Clinical Applications of Botulinum Toxin

UCLA Division of Head and Neck Surgery Resident Teaching Conference, Los Angeles, California, October 1997

Histopathology of Autologous Fibroblast Augmentation.

5th Annual Interdisciplinary Facial Plastic Surgery Symposia, Santa Barbara, California, November 1997

Reconstruction of Nasal Defects.

UCSD Division of Head and Neck Surgery Grand Rounds, San Diego, California, April 1999

Principles of Facial Plastic Surgery

UCSD Division of Head and Neck Surgery Facial Plastic and Reconstructive lecture series, San Diego, California, April 2000

Auricular Reconstruction

UCSD Division of Head and Neck Surgery Facial Plastic and Reconstructive lecture series, San Diego, California, April 2000

Basic Soft Tissue Surgery

UCSD Division of Head and Neck Surgery Facial Plastic and Reconstructive lecture series, San Diego, California, April 2000

Fundamentals of the Head and Neck Exam

UCSD School of Medicine Clinical Lecture Series, San Diego, California, April 2000

Principles of Soft Tissue Surgery

Superficial Anatomy and Cutaneous Surgery conference, La Jolla, California, June 2000

Compositional Analysis of Septal Cartilage Harvested from Organ and Tissue Donors

Lifesharing Community Organ Donation Program, San Diego, California, October 2000

An Insight into Facial Plastic and Reconstructive Surgery

UCSD Healthcare Internal Medicine Physician group, La Jolla, California, November 2000

Septal Cartilage Harvest and Its Application in Reconstructive Surgery

Advanced Tissue Sciences, Inc., La Jolla, California, January 2001

Facial Plastic and Reconstructive Surgery Consumer Seminar

San Diego National Charity League, Rancho Santa Fe, California, February 2001

Basic Soft Tissue Surgery

UCSD Division of Head and Neck Surgery Facial Plastic and Reconstructive lecture series, San Diego, California, April 2001

Principles of Soft Tissue Surgery.

Superficial Anatomy and Cutaneous Surgery conference, La Jolla, California, June 2001

Plastic Surgery of the External Ear

UCSD Division of Head and Neck Surgery Facial Plastic & Reconstructive Surgery lecture Series, San Diego, September 2001

A Compositional Analysis of Human Nasal Septal Cartilage

AAFPRS Combined Otolaryngological Spring Meetings, Palm Desert, California, May 2001

A Comparison of Human Septal Chondrocyte Re-differentiation in Alginate Beads, Polyglycolic Acid Scaffolds, and Monolayer Culture

Triological Society Western Section Meeting, Pasadena, California, February 2002

Women of Voice and Vision: Alumnae in Medical and Scientific Fields

Scripps College Family Weekend Alumnae Panel, Claremont, California, February 2002

The Biochemical Composition of Neocartilage Engineered from Human Nasal Septal Chondrocytes

Bay Area Residents Research Symposium, San Francisco, California, June 2002

Principles of Soft Tissue Surgery.

Superficial Anatomy and Cutaneous Surgery conference, La Jolla, California, June 2002

Biochemical Composition of Tissue-Engineered Neocartilage

AAO-HNS Fall meeting, San Diego, California, September 2002

The US Experience: Clinical Data and Patient Case Studies

Innovations in Cellular Therapy Conferences held at the Royal Society of Medicine and the Royal College of Physicians, London, UK, December 2002.

Tissue Engineered Human Nasal Septal Cartilage Using the Alginate-Recovered-Chondrocyte (ARC) Method

Triological Society Western Section Meeting, India Wells, California, February 2003

Basic Soft Tissue Surgery

UCSD Division of Head and Neck Surgery Facial Plastic and Reconstructive lecture series, San Diego, California, April 2003

Surgery of the Nasal Base: Alar Base Reduction and Premaxillary Augmentation

Advances in Rhinoplasty Course, Chicago, Illinois, June 2003

Challenges in Facial Reconstruction and the Role for Tissue Engineering

University of the Third Age lecture series at the University of San Diego, San Diego, California, January 2004

Submentoplasty

AAFPRS Rejuvenation of the Aging Face course, San Diego, California, March 2004

Surgical Drawing seminar

Superficial Anatomy and Cutaneous Surgery conference, La Jolla, California, June 2004

The Definition of an Aging Face

Foundation for Facial Plastic Surgery 18th annual meeting on the Latest Advances in Cosmetic Surgery of the Face, Newport Beach, California, August 2004

Teleconferenced LIVE SURGERY—“Endoscopic Browlift”

American Society for Dermatologic Surgery (ASDS) —American College of Mohs Micrographic Surgery & Cutaneous Oncology (ACMMSO) Combined Annual Conference, San Diego, CA, September 2004

Basic Principles of Rhinoplasty

UCSD Division of Head and Neck Surgery Facial Plastic and Reconstructive lecture series, San Diego, California, September 2004

Tensile Biomechanical Properties of Nasal Septal Cartilage

American Rhinologic Society (poster), New York, New York, September 2004

Nasal Reconstruction and the Impact of Tissue Engineering

Joint Science Department 40th Anniversary Conference, The Claremont Colleges, CA, October 2004

Advances in Craniofacial Reconstruction Using Tissue Engineered Cartilage

Bioengineering 166A Tissue Engineering course, UCSD, San Diego, California, October 2004

Tensile Biomechanical Properties of Human Nasal Septal Cartilage

American College of Surgeons meeting, Santa Barbara, California, January 2005

Effect of Growth Factors on Cell Proliferation, Matrix Deposition, and Morphology of Human Nasal Septal Chondrocytes Cultured in Monolayer

Triological Society Western Section Meeting, Las Vegas, Nevada, February 2005

Effects of Storage Time and Temperature on Human Septal Chondrocyte Viability Using Confocal Microscopy

Triological Society Western Section Meeting, Las Vegas, Nevada, February 2005

The Definition of the Aging Face

Winter Forum on the Latest Advances in Facial Plastic Surgery, Lake Tahoe, California, March 2005

Rejuvenation of the Upper Neck

Winter Forum on the Latest Advances in Facial Plastic Surgery, Lake Tahoe, California, March 2005

Finding Beauty in Symmetry

La Jolla Spa MD “Feng Shui Beauty” lecture forum, La Jolla, California, April 2005

Symmetry in Facial Plastic Surgery

La Jolla Spa MD patient educational lecture seminar, La Jolla, California, May 2005

Effect of Growth Factors on Cell Proliferation, Matrix Deposition, and Morphology of Human Nasal Septal Chondrocytes Cultured in Monolayer

San Diego Academy of Otolaryngology, San Diego, California, June 2005

Surgical Drawing seminar

Superficial Anatomy and Cutaneous Surgery conference, Del Mar, California, June 2005

Beauty and Art

La Jolla Spa MD patient educational lecture seminar, La Jolla, California, August 2005

Enhancing Beauty Through Surgery

La Jolla Spa MD patient educational lecture seminar, La Jolla, California, September 2005

Facial Rejuvenation

Cosmetic Rejuvenation Extravaganza, sponsored by La Jolla Spa MD and Riviera Magazine, San Diego, California, December 2005

Compression Biomechanical Properties of Human Nasal Septal Cartilage

Triological Society Western Section Meeting, San Diego, California, February 2006

Latest Advancements in Facial Plastic Surgery

Cosmetic Rejuvenation Extravaganza, sponsored by La Jolla Spa MD, San Diego, California, March 2006

Nasal Reconstruction and the Role for Tissue Engineering

UCSD Department of Surgery Grand Rounds, Moores Cancer Center, La Jolla, May 2006

Surgical Drawing seminar

Superficial Anatomy and Cutaneous Surgery conference, Del Mar, California, July 2006

Principles of Facial Plastic Surgery

UCSD Division of Head and Neck Surgery Facial Plastic and Reconstructive lecture series, San Diego, California, July 2006

Basic Rhinoplasty

UCSD Division of Head and Neck Surgery Facial Plastic and Reconstructive lecture series, San Diego, California, July 2006

Challenges in Craniofacial Reconstruction and the Role of Tissue Engineered Cartilage

Bioengineering 166A Tissue Engineering course, UCSD, San Diego, California, October 2006

Tissue Engineering Update

UCSD Department of Surgery Grand Rounds, Moores Cancer Center, La Jolla, March 2007

Facial Rejuvenation

Cosmetic Rejuvenation Extravaganza, sponsored by La Jolla Spa MD, Del Mar, California, March 2007

Soft Tissue Implants for the Perioral Area

American Society for Dermatologic Surgery, La Jolla, California, April 2007

Surgery of the Nasal Base

8th Annual Clinical-Research Symposium and UC Irvine Rhinoplasty Course, Irvine, California, June 2007

Nasal Reconstruction and Advances in Tissue Engineering

UCSD Division of Otolaryngology-HNS Graduation Research Symposium, Moores Cancer Center, La Jolla, June 2007

Tissue Engineering in Rhinoplasty

Advances in Rhinoplasty Conference, Boston, Massachusetts, June 2007

Surgical Drawing seminar

Superficial Anatomy and Cutaneous Surgery conference, La Jolla, California, July 2007

Challenges in Craniofacial Reconstruction and the Role for Tissue Engineering

Telemedicine and Advanced Technology Research Center (TATRC), U.S. Army Medical Research and Materials Command conference, La Jolla, California, July 2007

Closed and Open Rhinoplasty

UCSD Division of Head and Neck Surgery Facial Plastic and Reconstructive lecture series, San Diego, California, July 2007

IGF-1 and GDF-5 Promote the Formation of Tissue-engineered Human Nasal Septal Cartilage

American Academy of Facial Plastic and Reconstructive Surgery, Washington D.C., September 2007

Case Studies in Craniofacial Reconstruction

Healthcare Pathways Program, Patrick Henry High School, San Diego, California, December 2007

Reconstruction of the Nose and Tissue Engineering

California Society of Facial Plastic Surgery 2008 Winter Symposium at Squaw Creek, Olympic Valley, California, March 2008

Rhinoplasty Case Presentation Panel

California Society of Facial Plastic Surgery 2008 Winter Symposium at Squaw Creek, Olympic Valley, California, March 2008

Rhinoplasty and Nasal Reconstruction in the Younger Patient

Rady Children's Hospital Grand Rounds, San Diego, California, April 2008

UNIVERSITY CONFERENCES AND COURSES ORGANIZED:

Director/Organizer, Soft Tissue Dissection Laboratory for the UCSD Division of Head and Neck Surgery Residency Program, San Diego, California, April 2000

Director/Organizer, Soft Tissue Dissection Laboratory for the UCSD Division of Head and Neck Surgery Residency Program, San Diego, California, April 2003

REGIONAL CONFERENCES AND COURSES ORGANIZED:

Director/Organizer, UCSD Division of Oto-HNS Facial Plastic and Reconstructive Surgical Dissection Workshop; faculty recruitment from San Diego, Irvine, and Cincinnati; resident participation from UCSD, UCI, Naval Medical Center; held at UCSD, August 10, 2007.

NATIONAL CONFERENCES AND COURSES ORGANIZED:

Laboratory Director for Cadaver Workshop, "Rejuvenation of the Aging Face" Course sponsored by the AAFPRS, San Diego, CA, September 2002

Assistant Course Director, 20th Anniversary Superficial Anatomy and Cutaneous Surgery, La Jolla, CA, July 2003

Laboratory Co-director for Cadaver Workshop, "Rejuvenation of the Aging Face" Course sponsored by the AAFPRS, San Diego, CA, March 2004

Course Co-director, 21st Annual Superficial Anatomy and Cutaneous Surgery, La Jolla, CA, June 2004

Course Co-director, 22nd Annual Superficial Anatomy and Cutaneous Surgery, Del Mar, CA, June 2005

Chairperson, AAFPRS fall meeting Women in Facial Plastic Surgery mentoring workshop, Los Angeles, CA, September 2005

Course Co-director, 23rd Annual Superficial Anatomy and Cutaneous Surgery, Del Mar, CA, July 2006

Course Co-director, 24th Annual Superficial Anatomy and Cutaneous Surgery, Del Mar, CA, July 2007

INSTRUCTION / FACULTY AT UNIVERSITY COURSES:

- Faculty Instructor, Human Anatomy Dissection Laboratory for the UCSD School of Medicine Human Anatomy course, La Jolla, California, Fall 2000
- Faculty Instructor, Human Anatomy Dissection Laboratory for the UCSD School of Medicine Human Anatomy course, La Jolla, California, Fall 2001
- Faculty Instructor, Human Anatomy Dissection Laboratory for the UCSD School of Medicine Human Anatomy course, La Jolla, California, Fall 2002
- Faculty Instructor, Human Anatomy Dissection Laboratory for the UCSD School of Medicine Human Anatomy course, La Jolla, California, Fall 2003
- Faculty Instructor, Human Anatomy Seminars for the UCSD School of Medicine Human Anatomy course, La Jolla, California, Fall 2004
- Faculty Instructor, Human Anatomy Seminars for the UCSD School of Medicine Human Anatomy course, La Jolla, California, Fall 2005
- Faculty Instructor, Human Anatomy Seminars for the UCSD School of Medicine Human Anatomy course, La Jolla, California, Fall 2006
- Faculty Instructor, Human Anatomy Seminars for the UCSD School of Medicine Human Anatomy course, La Jolla, California, Fall 2007

INSTRUCTION / FACULTY AT NATIONAL CONFERENCES:

- Faculty Instructor, Advanced and Basic Rhinoplasty cadaver dissection course, Rhinoplasty 1999, M.Eugene Tardy and Dean M. Toriumi, Directors. Chicago, IL, June 1999.
- Faculty Instructor, Superficial Anatomy and Cutaneous Surgery cadaver dissection course, Hugh Greenway, Director. La Jolla, CA, July 2000.
- Faculty Instructor, Advanced and Basic Rhinoplasty cadaver dissection course, Rhinoplasty 2001, Dean M. Toriumi, Ira Papel, M.Eugene Tardy, Directors. Chicago, IL, June 2001.
- Faculty Instructor, Superficial Anatomy and Cutaneous Surgery cadaver dissection course, Hugh Greenway, Director. La Jolla, CA, July 2001.
- Faculty Instructor, Superficial Anatomy and Cutaneous Surgery cadaver dissection course, Hugh Greenway, Director. La Jolla, CA, June 2002.
- Faculty Instructor, Advanced and Basic Rhinoplasty cadaver dissection course, Rhinoplasty 2003, Dean M. Toriumi, Ira Papel, M.Eugene Tardy, Directors. Chicago, IL, June 2003.
- Faculty Instructor, Superficial Anatomy and Cutaneous Surgery cadaver dissection course, Hugh Greenway, Gary Lask, Deborah Watson, Directors. La Jolla, CA, July 2003.
- Faculty Instructor, Rejuvenation of the Aging Face cadaver dissection course, Wayne Larrabee and Peter Hilger, Directors. San Diego, February 2004.
- Faculty Instructor, Superficial Anatomy and Cutaneous Surgery cadaver dissection course, Gary Lask and Deborah Watson, Directors. La Jolla, CA, June 2004.
- Faculty Instructor, Superficial Anatomy and Cutaneous Surgery cadaver dissection course, Gary Lask and Deborah Watson, Directors. Del Mar, CA, June 2005.
- Faculty Instructor, Advanced and Basic Rhinoplasty cadaver dissection course, Rhinoplasty 2005, Dean M. Toriumi, Ira Papel, M.Eugene Tardy, Directors. Chicago, IL, June 2005.
- Faculty Instructor, Superficial Anatomy and Cutaneous Surgery cadaver dissection course, Gary Lask and Deborah Watson, Directors. Del Mar, CA, July 2006.
- Faculty Instructor, Advanced and Basic Rhinoplasty cadaver dissection course, Rhinoplasty 2007, Ira Papel, Director. Boston, MA, June 2007.
- Faculty Instructor, Superficial Anatomy and Cutaneous Surgery cadaver dissection course, Gary Lask and Deborah Watson, Directors. Del Mar, CA, July 2007.

EXTRACURRICULAR ACTIVITIES

FREE LANCE ARTWORK:

Sketches, diagrams, paintings published in a variety of journal articles, medical brochures, magazines, and paperback novels.

Artwork displayed at:

1990 LACMA Art Exhibition and 1991 Norris Library Art Exhibition

1985 Lang Gallery Art Exhibition

Completion of indoor murals (1992, 1994, 1996).

Sculpting (clay)

COMPETITIVE RUNNING:

2001 La Jolla Half Marathon

2000 La Jolla Half Marathon

1997 Will Rogers-Pacific Palisades 10K Run

1996 Will Rogers-Pacific Palisades 10K Run

1995 Brentwood 10K Run

1995 Will Rogers-Pacific Palisades 10K Run

1994 Brentwood 10K Run

1993 Brentwood 10K Run

1991 California Institute of Technology Triathlon Relay Runner

1988 Los Angeles Police Department 10K Run

MISC. ATHLETIC PURSUITS:

Certified Scuba Diver – May 1997

Rock climbing, hiking