

RICHARD J. REDETT
1808 THORNBURY RD
BALTIMORE, MD 21209

CURRENT POSITION

Assistant Professor, Division of Plastic and Reconstructive Surgery
Assistant Professor, Division of Pediatric Surgery
Assistant Professor, Department of Pediatrics
Co-Director, Johns Hopkins Pediatric Burn Unit
Co-Director, Johns Hopkins Cleft and Craniofacial Clinic
Co-Director, Kernan Hospital Cleft Lip and Palate Clinic
Director, Washington County Cleft Lip and Palate Program
Johns Hopkins Hospital
McElderry 8152A
601 N. Caroline St.
Baltimore, MD 21287
Phone: 410-955-9475
Fax: 410-614-1296
Email: rredett@jhmi.edu

EDUCATION AND TRAINING

<u>Degrees/year</u>	<u>Institution</u>	<u>Discipline</u>
Undergraduate BS/BA – 1983	Emory University Atlanta, GA	Biology/psychology
Medical School MD – 1995	Dartmouth Hanover, NH	Medicine
Internship 1995-1996	Johns Hopkins Baltimore, MD	Surgery
Residency 1996-2002	Johns Hopkins Baltimore, MD	Surgery/plastic surgery
Fellowship 2002-2003	Hospital for Sick Children Toronto, Canada	Pediatric Plastic Surgery

PROFESSIONAL EXPERIENCE

Dates	Position	Institution
7/03-present	Assistant professor	Johns Hopkins Hospital

WORK EXPERIENCE

Field Researcher, United States Peace Corps/ World Wildlife Fund, Central African Republic.

Assessed the status of an artisanal fishery and gorilla population located in the Dzanga-Ndoki National Park. September 1987 to January 1991.

AWARDS

CERT Research Scholarship, 1991

Baltimore Academy of Surgery Resident Research Award, Basic Science Presentation, 1998. Effects of Deferoxamine on Ischemia-Reperfusion Injury in Chronic Nerve Compression: A Biochemical and Morphologic Analysis

The John Stage Davis, Maryland Plastic Surgery Society and The National Capital, Washington D.C. Plastic Surgery Society, 1998 Resident Research Award. Improved Axonal Regeneration Using Deferoxamine in Chronic Nerve Compression.

PROFESSIONAL MEMBERSHIPS/ADVISORY BOARDS

Plastic Surgery Research Council, Active Member
American College of Surgeons, Candidate Group
American Society of Plastic Surgery, Candidate Member
American Cleft Palate-Craniofacial Association, Active Member
Moebius Syndrome Foundation, Medical Advisory Board
Bayview Burn Center Community Fund, Member, Board of Directors
Project Share, Medical Advisor

PRESENTATIONS/ABSTRACTS

Baltimore Academy of Surgery Resident Research Award, Basic Science Presentation, 1998. Redett, R.J, Bickel, K.A., Vander Kolk, C. Effects of Deferoxamine on Ischemia-Reperfusion Injury in Chronic Nerve Compression: A Biochemical and Morphologic Analysis

The John Stage Davis, Maryland Plastic Surgery Society and The National Capital, Washington D.C. Plastic Surgery Society, 1998 Resident Research Award. Redett, R.J., Bickel, K.A., Vander Kolk, C. Improved Axonal Regeneration Using Deferoxamine in Chronic Nerve Compression.

Plastic Surgery Research Council, 1998: Redett, R.J., Bickel, K.A., Vander Kolk, C, Marin, P. The effects of allopurinol, deferoxamine and n-acetylcysteine on ischemia/reperfusion injury in chronic nerve compression: A histological and biomechanical analysis.

International Conference on Bone Morphogenetic Proteins, June 2000. Love, D.W., Lietman, S.A., Redett, R.J. The Effect of Different OP-1 (BMP-7) Dosing and Dosing Patterns on Ectopic Bone Formation

Plastic Surgery Research Council, 2001: Redett, R.J., Lietman, S.A., Vander Kolk, C. Stimulation of Bone Induction in Rat Muscle Flaps Using Recombinant Bone Morphogenetic Protein-7 and Collagen I.

American Society of Plastic Surgeons, 2001: Redett, R.J., Manehan, M., Dooley, W., Nahabedian, M.Y. Bilateral Breast Reconstruction Following Mastectomy: An Outcome Analysis.

International Confederation for Plastic, Reconstructive and Aesthetic Surgery (IPRAS), Sidney, Australia, 2003: Zuker, R., Alman, B., Redett, R., Timoney, N, Ain, S. Hind Quarter Composite Tissue Transplantation – A Case Report.

World Society for Reconstructive Microsurgery, 2003: Zuker, R., Alman, B., Redett, R., Timoney, N, Ain, S. Hind Quarter Composite Tissue Transplantation – A Case Report.

Canadian Society of Plastic Surgeons, 2003: Redett, R., Zuker, R. Timoney, N., Alman, B. Hind Quarter Composite Tissue Isotransplantation in Conjoined Twins.

American Society for Peripheral Nerve, 2004: Redett, R., Hawkins, C, Clarke, H. The Utility of Intraoperative Frozen Section Histology During Obstetric Brachial Plexus Palsy Reconstruction.

American Society for Reconstructive Microsurgery, 2004: Redett, R., Zuker, R. Timoney, N., Alman, B. Hind Quarter Composite Tissue Isotransplantation in Tetrabrachius Ischiopagus Tripus Conjoined Twins.

6th International Moebius Syndrome Foundation Conference, 2004: Redett, R. What's New in Nerve Regeneration.

Society for Neuroscience, 2004: Hoke, A., Zhou, C., Redett, R., Jari, R., Brushart, T. Differential Upregulation of Neurotrophic Factors During Reinnervation of Sensory and Motor Nerve Grafts.

American Society for Peripheral Nerve, 2005: Instructional Course – Etiology and management of chronic facial pain.

AO ASIF Challenges and Advances in the Management of Craniomaxillofacial Surgery. Focus: State-of-the –Art Analysis of Surgical Challenges of the Orbit, Baltimore, MD. April 2005. Periorbital Hemangiomas.

AO ASIF Challenges and Advances in the Management of Craniomaxillofacial Surgery. Focus: State-of-the –Art Analysis of Surgical Challenges of the Orbit, Baltimore, MD. April 2005. Moderator for session on periorbital vascular lesions.

Plastic Surgery research Council, May 2005: Redett, R, Hoke, A, Jari, R, Brushart, T. Schwann Cells Express Sensory and Motor Phenotypes that Control Regeneration.

Exploring dystocia and brachial plexus injury: Mutlidisciplinary perspectives, Baltimore, MD, May 22-23, 2005. Animal models of obstetric brachial plexus palsy: can we trust the literature?

Exploring dystocia and brachial plexus injury: Mutlidisciplinary perspectives, Baltimore, MD, May 22-23, 2005. When to refer?

GRANTS

Plastic Surgery Education Foundation Grant 1998: The Effects of Allopurinol, Deferoxamine and N-acetylcysteine on Ischemia/ Reperfusion Injury in Chronic Nerve Compression: A Histological and Biomechanical Analysis. \$5,000.

Plastic Surgery Education Foundation Grant 1999: The Use of Collagen Type I and Bone Morphogenetic Protein-7 in Composite Free Tissue Transfer. \$5,000.

Johns Hopkins Department of Surgery, Pilot Research Grant, January 2005-December 2005: Modality Specific Nerve Grafting. \$20,000.

PUBLICATIONS

Redett, R, Jari, R, Crawford, T, Chen, YG, Rohde, C, Brushart, T. Peripheral pathways regulate motoneuron collateral dynamics. *Journal of Neuroscience.* 25(41):9406-9412,2005.

Khalifeh, M, **Redett, RJ.** The management of patients on anticoagulants prior to cutaneous surgery: Case report of a thromboembolic complication, review of the literature, and evidenced based recommendations. Accepted for publication July 2005. *Plastic and Reconstructive Surgery.*

Al-Attar, A., Williams, C., **Redett, RJ.** Case report of rare lower extremity invasive fungal infection in an immunosuppressed patient: *Exserohilum longirostratum.* Accepted for publication March, 2005. *Plastic and Reconstructive Surgery.*

Redett, R., Hawkins, C. Murji, A. and Clarke, H. The value of Intraoperative Frozen Section Histology During Obstetric Brachial Plexus Reconstruction. *9th Congress of the International Federation of Societies for Surgery of the Hand, International Proceedings.* 493-496.

Banks, N, **Redett, R.J.**, Mofid, M., and Manson, PN. Cutis Laxa: Clinical Experiences and Outcomes. *Plastic and Reconstructive Surgery*. 111:7, 2434-2442, 2003.

Gusenoff, J.A., **Redett, R.J.**, and Nahabedian, M.Y. Outcomes for surgical coverage of pressure sores in the elderly. *Annals of Plastic Surgery*. 48:6, 633-640, 2002.

Redett, R.J., Manson, P.M., Goldberg, N., Giroto, J., and Spence, R.J. Methods and results of rhinophyma treatment. *Plastic and Reconstructive Surgery*. 107:5, 1107, 2001.

Giroto, J.A., MacKenzie, E., Fowler, C., **Redett, R.J.** et al. Long Term Physical Impairment and Functional Outcomes Following Complex Facial Fractures. *Plastic and Reconstructive Surgery*, 108:2, 312, 2001.

Redett, R.J., Bury, T., and McClinton, M.A. The use of simultaneous free latissimus dorsi tissue transfer for reconstruction of bilateral upper extremities in a case of purpura fulminans. *Journal of Hand Surgery*. 25:3, 559-64, 2000.

Redett, R.J., Robertson, B.C., Chang, B.C., Giroto, J., and Vaughan, T. Limb salvage of lower-extremity wounds using free gracilis muscle reconstruction. *Plastic and Reconstructive Surgery*. 106:7,1507, 2000.

Giroto, J.A., Ko, M.J., **Redett, R.J.**, et al. Closure of chronic abdominal wall defects: A long-term evaluation of the component separation method. *Annals of Plastic Surgery*. 42:4, 385-94, 1999.

Muehlberger, T., Wong, L., **Redett, R.** et. al. A temporal correlation of pain and endotoxin levels in sickle cell disease. *The Journal of Trauma*. 45:4, 1998.

Giroto, J.A., Gamble, W.B., Robertson, B., **Redett, R.**, et al. Blindness after reduction of facial fractures. *Plastic and Reconstructive Surgery*, 102:6, 1998.

Giroto, J.A., Gamble, W.B., Robertson, B., **Redett, R.J.**, et al. Blindness as a complication of Le Fort osteotomies: Role of atypical fracture distortion of the optic canal. *Plastic and Reconstructive Surgery*, 102:5, 1409, 1998.

Robin, L., Herman, D., and **Redett, R.** Botulism in pregnant women. *New England Journal of Medicine*, 335:11, 1996. (Letter)

Rosen, J.M., Soltanian, H., **Redett, R.J.**, Laub, D.R. Evolution of virtual reality: From planning to performance in surgery. *IEEE: Engineering in Medicine and Biology Magazine*, 15(2), 16-22. 1995.

Dauterman, K.W., Bennett, R.G., Greenough, W.B., **Redett, R.J.**, Gillepsie, J.A., and Applebaum, G. Plasma specific gravity for identifying hypovolemia. *Journal of Diarrhoeal Disease Research*, 13:1, 1995.

Dauterman, K.W., **Redett, R.J.**, and Gillespie, J.A. Plasma specific gravity measures volume depletion: A common correctable and often overlooked problem in the elderly. *Clinical Research*, 40:2, 1992. (Abstract)

Greenough, W.B., Scheeve, A., Khin-Maung, U., Gillespie, J.A., DeVone, L.E., Dauterman, K.W., and **Redett, R.J.** Causes of diarrhea in the elderly: Impact on intestinal function and treatment by oral rehydration therapy. *Clinical Research*, 40:2, 1992. (Abstract)

CHAPTERS

Redett, R.J. Melanoma, in Makary, MA (ed.) General Surgery Review. Ladner-Drysdale, Washington, DC, 2004.

Redett, R.J., Al-Atar, A. Burn Management, in Makary, MA (ed.) General Surgery Review. Ladner-Drysdale, Washington, DC, 2004.

Redett, R.J., Al-Atar, A. Non-melanoma Skin Cancer, in Makary, MA (ed.) General Surgery Review. Ladner-Drysdale, Washington, DC, 2004.

Redett, R.J., Hahm, T. Wound Healing, in Makary, MA (ed.) General Surgery Review. Ladner-Drysdale, Washington, DC, 2004.

INVITED LECTURES

Department of Nursing Trauma Workshop, Johns Hopkins School of Nursing. August 2004. An Overview of Pediatric Burn Care.

Department of Neonatology Grand Rounds, Prince William Hospital. September 2004. A Primer on Obstetric Brachial Plexus Injuries.

Department of Neonatology Grand Rounds, Johns Hopkins Hospital. September 2004. Obstetric Brachial Plexus Palsy.

Department of Pediatrics Grand Rounds, Johns Hopkins Hospital. October 2004. Management of Pediatric Burns.

Department of Pediatrics Grand Rounds, Greater Baltimore Medical Center. December 2004. Pediatric Burns - Evaluation and Treatment.

Department of Pediatrics Grand Rounds, Franklin Square Hospital. December 2004. Diagnosis and Treatment of Pediatric Burns.

Maternal and Fetal Medicine Grand Rounds, Johns Hopkins Hospital. January 2005.
Shoulder Dystocia and Perinatal Brachial Plexus Palsy.

Department Of OB/GYN Grand Rounds, Greater Baltimore Medical Center, February 2005. Cleft Care in the New Millennium.

Nothwest Maryland Dental Society, February 2005. Cleft Lip and Palate: An Interdisciplinary Approach.

Department of Pediatrics Grand Rounds, St. Agnes Hospital, May 2005. Birth Related Brachial Plexus Palsy.

Johns Hopkins Biennial Meeting, June 3, 2005. Differential Upregulation of Neurotrophic Factors During Reinnervation of Sensory and Motor Nerve Grafts.

Department of Pediatrics Grand Rounds, Uniformed Health Services, September 2005. Management of obstetric brachial plexus injuries.

Department of Pediatrics Grand Rounds, Johns Hopkins Hospital, October 12, 2005. Cleft lip and palate in the new millenium: an interdisciplinary approach.

MENTORING

Zeynup Aytung, M.D., Resident Plastic Surgery, Turkey. October 2004-January 2005

Emily Pennington, Johns Hopkins undergraduate student clerkship. September - December 2005.

Alyssa Choi, Johns Hopkins undergraduate student clerkship. September - December 2005.