

## CURRICULUM VITAE

**Richard Simman, M.D., CWS, FACCWS**  
**Plastic and Reconstructive Surgery,**  
**4000 Miamisburg-Centerville Rd., Ste 205**  
**Miamisburg, OH 45342**

### EDUCATION

Sept 1984 - June 1991      Louvain Catholic University, Brussels, Belgium  
Graduated with title of Doctor in Medicine, Surgery, and Delivery

### LICENSURE

New York	1994
Michigan	2000
Tennessee	2001
Ohio	2004

### BOARD CERTIFICATION

- The American Academy of Wound Management as Certified Wound Specialist (CWS), Diplomate level.
- Fellow of the American College of Certified Wound Specialists (FACCWS). President of the college.
- The American Board of Plastic Surgery, Diplomate.

### MEDICAL EXPERIENCE

Feb 1991 - April 1991	Senior Medical Student Elective in Neurosurgery, Neurology The Royal Free Hospital, London, UK Program Director: Peter Harvey, M.D., FRCS
July 1991 - Dec 1991	Surgical Volunteer Edinburgh Medical Missionary Society, Nazareth, Israel Program Directors: Robert Martin, M.D. and Jeffrey Bird, M.D., FRACS
April 1992 - Dec 1992	Fellow in Orthopedic, General Surgery, and Emergency Medicine Edinburgh Medical Missionary Society, Nazareth, Israel Program Directors: Robert Martin, M.D. and Jeffrey Bird, M.D., FRACS
June 1993 - June 1996	Resident in General Surgery St. Luke's/Roosevelt Hospital Center, New York, New York (Teaching Hospital of Columbia University) Program Directors: David Tilson, M.D. and Richard Marks, M.D.

**MEDICAL EXPERIENCE Continued:**

- July 1996 - June 1998      Fellow in Burn and Plastic Surgery  
 State University of New York at Stony Brook, New York  
 Program Director: Harry S. Soroff, M.D.
- Member of Craniofacial & Cleft Palate Team with Dr. Elliot Duboys, July 1996 - June 1997.
  - Laboratory research at the Living Skin Bank on Wound Healing, Cultured Epithelial Cells, and Keloid with Marcia Simon, Ph.D., Director
- July 1998 - June 1999      Research Scientist at the Living Skin Bank  
 State University of New York at Stony Brook, New York  
 Director: Marcia Simon, Ph.D.  
 Basic science and clinical research on: Frozen Cultures Epithelial Allografts/ Autografts and their use in second and third degree burns.
- Stony Brook Surgical Innovations, Inc., clinical research with Harry S. Soroff, M.D.
- Clinical analyst: Safe Blade Project supported by a grant from the National Institute of Health to produce a safer and more efficient device to change blades in the operating room.
  - Clinical analyst: Silver coated Chest Tubes “Sil-Med-Safe Drain” and infection prevention.
- July 1999 - June 2001      Resident in Plastic Surgery  
 Providence Hospital, Southfield, Michigan  
 Program Director: Ian T. Jackson, M.D.
- January 2001                  Clinical Rotation  
 Yonsei University Medical Center, Seoul, Korea  
 Chief: Prof. Beyoung Yun Park
- Clinical experience in craniofacial and microsurgery
- June 2001                      Clinical Rotation  
 Chief Frank A. Nesi, M.D.  
 William Beaumont Hospital and Somerset Surgery Center, Michigan
- Surgical experience in Oculoplastic Surgery
- July 2001 -  
 September 2001              Research Fellow in Plastic Surgery  
 Providence Hospital, Southfield, Michigan  
 Program Director: Ian T. Jackson, M.D.  
 Program Director: I. William Browder, M.D.

**MEDICAL EXPERIENCE Continued:**

October 2001 – December 2003	Assistant Professor of Surgery East Tennessee State University, Johnson City Medical Center and James H. Quillen VAMC Johnson City, Tennessee
September 2002- December 2003	Medical Director Wound Care Clinic, VAMC Johnson City, Tennessee
September 2002- December 2003	Medical Director Wound Care Program Johnson City Medical Center Johnson City, Tennessee
December 2003- September 2004	Assistant Professor of Surgery Division of Plastic Surgery Miami Valley Hospital Wright State Univ. Dept. of Surgery School of Medicine Dayton, Ohio
March 2004 - September 2007	Director of Research, Wright State University School of Medicine, Department of Surgery Dayton, Ohio
June 2004 – present	Assistant Professor Department of Pharmacology/Toxicology Wright State University School of Medicine, Dayton, Ohio
September 2005 – September 2007	Director of Research Miami Valley Hospital Wright State University, Boonshoft School of Medicine Division of Plastic Surgery, Dayton, Ohio
September 2007-present	Private practice Medical Director, The Wound Care Center, Sycamore Hospital, Miamisburg, Ohio Clinical Associate Professor, Wright State University Boonshoft School of Medicine, Department of Surgery, Dayton Ohio

## RESEARCH EXPERIENCE

- July 1996 - June 1999
- State University of New York at Stony Brook, New York
- In order to determine the origin of the keloid phenotype, a comparative analysis was carried out on the signal transduction pathways initiated by the extracellular matrix resulting in altered gene transcription in keloid and non-keloid fibroblasts.
  - In addition to basic research on keloid fibroblasts, worked with pioneers of the technique of keratinocyte cell biology and the related culture techniques necessary for analysis of factors responsible for the CEA (Cultured Epithelial Allograft) enhancement of wound healing.
  - In collaboration with the Department of Emergency Medicine, a research project was conducted on animal models to determine the effect of different concentrations of collagenase in the treatment of partial thickness burn injuries.
- July 1999 -  
September 2001
- Providence Hospital, Southfield, Michigan
- The use of prefabricated mucosa-lined flap for vaginal reconstruction in the pig model.
  - Effect in mitomycin-c of keloid fibroblast proliferation: An *in-vitro* study.
  - Tracheal reconstruction with prefabricated composite trapezius flap using *in-vitro* cartilage tissue engineering.
  - A comparative histological study of skin graft with conventional bolster dressing versus vacuum assisted closure (VAC) in an animal model.
- October 2001 –  
December, 2003
- James H. Quillen College of Medicine, ETSU; VAMC  
Medical Center Johnson City Medical Center at Johnson City,  
Tennessee.
- Improving ischemic flap survival by inducing vasculogenesis and angiogenesis using stimulated bone marrow stem cells
  - Effect of Glucan on enhancement of early wound healing
  - Effect of platelets rich plasma on the healing of fractured bone.
- January 2004 - Present
- Wright State University Dept of Surgery, Dayton, Ohio.  
Molecular Mechanisms and Modeling of Skin Irritation from JP-8  
(Technical Proposal).
- January 2004 – Present
- Wright State University Dept of Surgery, Dayton, Ohio.  
The Effect of Hyaluronic Acid (HA) on Keloid Fibroblasts.

## **GRANTS**

1. East Tennessee State University, Department of Surgery, Grant, January 2002- June 2003. Improved ischemic random flap survival through the use of multipotent stem cells and angiogenic growth factors, an animal study. \$ 15,000.
2. US Air Force, Grant through Wright State University Department of Toxicology and Pharmacology, January 2004 to December 2008, Molecular Mechanisms and Modeling of Skin Irritation from JP-8 Fuel (In collaboration with Dr. James MCDougal as Principal Investigator).
3. Wright State University Research and Sponsored Programs, Research Challenge New Initiative Grant, Effect of Hyaluronic Acid (HA) on Keloid Fibroblasts, An In Vitro Study, May 2004, \$25,000.
4. Wright State University Department of Surgery Sponsored and Approved by the Fred & Jean Allegretti Foundation, Inc., Effect of platelets rich plasma on the healing of processing of fractured bone, An animal study, July, 2004, \$25,000.
5. The Boonshoft School of Medicine Research Committee Seed Grant Program. Effect of Platelet Rich Plasma on Tibial Fractures. March 2, 2006. \$9,744.
6. How Long After Carbon Monoxide (CO) Poisoning can Hyperbaric Oxygen (HBO) Therapy Prevent Irreversible Brain Damage? Is 100% Normobaric Oxygen as Effective as HBO? A collaborative Effort Between Wright State University School of Medicine, Department of Pharmacology and Toxicology and The United States Department of Defense, Naval Health Research Center. January 2008 - present. \$ 60,000.

## **BOARD MEMBER**

Founding board member of the Waterbor Burn and Skin Cancer Foundation to improve the care and education in the field of burn, wound healing, and skin cancer, NYC, 1997-2002.

Board member of the Wound Care Center, James A. Quillen College of Medicine, ETSU, Johnson City, TN; 2002-2003.

Board of Directors, The American College of Certified Wound Specialists, 2005-present.

Chair Elect, The American College of Certified Wound Specialists, January 2007.

Chairman, The American College of Certified Wound Specialists, January 2008- present.

**MEMBERSHIPS**

The American Burn Association 2001-present  
 The Plastic Surgery Research Council, 2003-present  
 American Society of Plastic Surgeons, 2003-present  
 Associate Fellow of American College of Surgeons, 2003-present  
 Dayton Plastic Surgery Society, 2003-present  
 American Society for Aesthetics Plastic Surgery Inc. (Candidate), 2003-present  
 American Academy of Wound Management, 2003-present  
 The American College of Certified Wound Specialists, 2005-present  
 Montgomery Country Medical Society, 2004-present  
 Graduate Faculty (Graduate Studies and Research), 2005-present  
 Member of the Medical Science Monitor International Reviewers Panel (IRP), 2006-present

**EXAMINATIONS**

ECFMG Examination (Part I & II) January 1992  
 ECFMG Test of English - July 1992  
 FLEX (Part I & II) December 1992 - Brooklyn, New York  
 Advanced Trauma Life Support (practical & written exam - 1996)  
 Basic Life Support & Advanced Cardiac Life Support (Practical and Written exam) - June 1999. Recert. January 2008,  
 Certification by the American Heart Association

**COURSES**

Child Abuse Course, 1992 (State of New York)  
 Microsurgical Course, 1999 (Providence Hospital, Southfield, Michigan)  
 Advances in Aesthetic Surgery, Cutting Edge III, Manhattan Eye and Ear Hospital, New York University, November 2000  
 Workshop and Practical Course, 12th Annual Meeting of the North American Skull Base Society, February 28-March 02, 2001  
 Synthes Cranial and Maxillofacial, Bioskills Workshop for Surgeons, March 23, 2002  
 American Society for Aesthetic Plastic Surgery, April 27-May 2, 2002  
 37<sup>th</sup> Baker Gordon Symposium on Cosmetic Surgery, February 6, 7, 8, 2003  
 Stanford Plastic Surgery Review Course. October 12-17, 2003  
 Managing a Medical Malpractice Case, April 9, 2005 (OHIC Risk Management)  
 Documentation Makes the Difference, April 9, 2005 (OHIC Risk Management)  
 ASPS-Review Course, August 17-21, 2005  
 23<sup>rd</sup> Annual Dallas Rhinoplasty Symposium, March 10-12, 2006

**LANGUAGES**

Fluent in French  
 Working knowledge of Spanish

## **PUBLICATIONS**

1. Simman R, Priebe C Jr, Soroff HS, Simon M: Reconstruction of aplasia cutis congenita of the trunk in a newborn infant using AlloDerm and cultured epithelial autografts. Published at the Plastic Surgery Forum, Annual Meeting of the American Society for Plastic and Reconstructive Surgery, Boston, MA, October 3-7, 1998, 109-112.
2. Simman R, Talisman R, Hatch G, Soroff HS, Simon M: Cultured palmar keratinocytes after auto engraftment to plantar surface maintain site and function specificity. *Plast Reconstr Surg* 104(1): 175-179, 1999.
3. Chipev CC, Simman R, Hatch G, Katz AE, Siegel DM, Simon M: Myofibroblast phenotype and apoptosis in keloid and palmar fibroblasts *in-vitro*. *Cell Death Differ* 7(2): 166-176, 2000.
4. Simman R, Priebe CJ, Simon M: Reconstruction of aplasia cutis congenital of the trunk in a newborn infant using acellular allogenic dermal graft and cultured epithelial autografts. *Ann Plast Surg* 44(4): 451-454, 2000.
5. Simman R, Fietti V: Closed rupture of FDP tendon of the fifth digit: Case report. *Hospital Physicians* 36(7): 55-57, 2000.
6. Jackson, IT, Simman R, Tholen R, DiNick V: A successful long-term method of fat grafting: Recontouring of a large subcutaneous postradiation thigh defect with autologous fat transplantation. *Aesth Plast Surg* 25: 165-169, 2001
7. Simman R, Jackson IT, Andrus L: Prefabricated buccal mucosa lined flap that could be used for vaginal reconstruction. *Plast Reconstr Surg* 109(3): 1044-1049, 2002.
8. Simman R: Alani H, Williams F. The effect of mitomycin-c on keloid fibroblasts: An in-vitro study. *Ann Plast Surg*, 50(1): 71-76, 2003
9. Simman R: Brief Communication: Reconstruction Aplasia Cutis Congenita (Group V) of the Trunk in a Newborn, *Plast Reconstr Surg* 113(3): 1103, 2004
10. Simman R: Forte R, Silverberg B, Moriera-Gonzalez A. A Comparative Histological Pilot Study of Skin Graft Take with Tie-Over Bolster Dressing versus Vacuum Assisted Closure in a Pig Model, *Wounds* 16(2):76-80, 2004
11. Simman R: Management of aplasia cutis congenital in a non-scalp location, *Br J of Plast Surg*, 57(5):469-470, 2004 Jul
12. Simman R: Medial Plantar Arch Pinch Graft as an Alternative Technique to Resurface Moderate Size Plantar and Palmar Wounds, *Ann Plast Surg* 53(3):256-260, 2004 Sep
13. Eisenbud D, Hettrick H, Evans C, Simman, R: Interdisciplinary Certification in Wound Management: Five Year Results Using the CWS Examination, *Wounds* 17(7):336-340 2004 Sep

### **PUBLICATIONS Continued**

14. Moriera-Gonzalez A, Simman R, Jackson IT, Pieper DR, Cambra JB: Skull Base Tumors: A Comprehensive Review of Transfacial Swing Osteotomy Approaches, *Plast Reconstr Surg* March 2005, 115(3):711-720.
15. Simman R, Craft C, McKinney B: Improved Ischemic Random Skin Flap Survival Through the Use of Nonhematopoietic Bone Marrow Stem Cells and Angiogenic Growth Factors. *Ann of Plast Surg* May 2005, 54(5):546-552.
16. Simman R, Sanger C, Thompson J, DeFranzo JA: Dermatofibrosarcoma Protuberans of the Face, *Surgical Management. J Craniofacial Surg* May 2005, 16(3):439-443.
17. Hoffman A, Hoying JL, Simman R: Role of Hyaluronic Acid Treatment in the Prevention of Keloid Scarring. *E-Journal of the American College of Certified Wound Specialist: Issue 1 Nov/Dec 2006:1-14.*
18. Gookoo C, Abraham S, Simman R: Cell Death, Tissue Death, and Wound Healing. *Podiatry Management*, August 2007: 147-152.
19. Spencer B, Abraham S, Young S, Simman R: The Nature of Wound Exudates. *Podiatry Management*, Nov/Dev 2007: 217-222.
20. Simman R, Hoffmann A, Bohinc RJ, Peterson C: Role of Platelet-Rich Plasma in Acceleration of Bone Fracture Healing. *Annals of Plast Surg*, Sept, 2008.

### **MANUSCRIPTS IN PREPARATION**

1. Simman R, Arambula-Alvarez E, Soroff H, Juarez-Aguilar H, Genuino G, Kuri-Harcuch W, Simon M: Frozen cultured epithelial allografts as treatment for partial thickness burns. *J Burn Care Rehab*
2. Simman R, Soroff H: Cultured Epithelial Autografts, Various Clinical Uses. *Journal of Burn Care And Rehabilitation*
3. Simman R, Abraham S: Reconstructive Ladder and Acute Wound Closure in Plastic Surgery. *Advances in Skin and Wound Care*

### **SUBMITTED FOR PUBLICATION**

1. Peterson WC, Magro CM, Simman R, Russ AJ: Gammopathy Associated Acrosclerosis as Cause of Flexion Contractures in an Elderly Patient: A case report and literature review. *Advances in Skin and Wound Care.*

## **PUBLISHED ABSTRACTS**

1. Chipev CC, Simman R, Katz AE, Siegel DM, Hatch G, Simon M: Keloids: Phenotypic Differences between Palmar and Nonpalmar Fibroblasts. *The Journal of Investigative Dermatology* 110(4): 580, April 1998.
2. Chipev CC, Simman R, Katz AE, Siegel DM, Hatch G, Simon M: Keloids: Phenotypic Differences between Palmar and Nonpalmar Fibroblasts. *Proceedings of The International Investigative Dermatology Satellite Symposium on Inherited Skin Diseases, Rome, Italy, May 12-13, 1998.*
3. Chipev CC, Simman R, Katz AE, Siegel D, Hatch G, Simon M: Fibroblast Phenotype and Exclusion of Keloids from Palmar Surfaces. *Proceedings of the American Academy of Facial Plastic and Reconstructive Surgery Seventh International Symposium, Orlando, Florida, June 16-29, 1998.*
4. Soroff HS, Simman R, Simon M: The Use of Cultured Epithelial Autografts (CEAs) Based Upon Seven Years Experience with Severely Burned Patients. *Proceedings of the 10th Congress of the International Society for Burn Injuries, Jerusalem, Israel, November 1-5, 1998.*
5. Talisman R, Soroff HS, Simman R, Simon M: Cultured Palmar Keratinocytes Maintain Site and Function Specificity after Engraftment. *Proceedings of the 10th Congress of the International Society for Burn Injuries, Jerusalem, Israel, November 1-5, 1998.*
6. Simman R, Arambula-Alvarez E, Soroff HS, Juarez-Aguilar H, Genuino G, Kuri-Harcuch W, Simon M: Frozen Cultured Epithelial Allografts as Treatment for Partial Thickness Burns. *Proceedings of the 10th Congress of the International Society for Burn Injuries, Jerusalem, Israel, November 1-5, 1998.*
7. Simman R, Chipev CC, Hatch G, Siegel DM, Katz AE, Simon M: Regulation of Scar Formation is Body Site Dependent. *Proceedings of the 10th Congress of the International Society for Burn Injuries, Jerusalem, Israel, November 1-5, 1998.*
8. Singer AJ, Sanders B, Simman R, Soroff HS: Development of a Scale to Assess the Clinical Outcome after Cutaneous Burns. *Society for Academic Emergency Medicine Annual Meeting Issue 6(5): 467, May 1999*
9. Simman R, Jackson IT, Blaise A: Facial Bone Swing Osteotomies In Skull Base Surgery Skull Base An Interdisciplinary Approach, 12th Annual Meeting of the North American Skull Base Society: Orlando, Florida. *Presentation Abstracts. Volume 11: Supplement 1:Page 39, March 2001.*
10. Peterson WC, Hoffmann A, Simman R: Role of Platelet-Rich Plasma in Acceleration of Bone Fracture Healing. *Plast Reconstr Surg Sep 1, 2005, Volume 116, Number 3 Supplement: Pages 199-202.*

## **PRESENTATIONS**

1. Keloids: Phenotypic Differences between Palmar and Nonpalmar Fibroblasts. The Society for Investigative Dermatology Annual Meeting, Koln, Germany, April 4, 1998.
2. Keloids: Phenotypic Differences between Palmar and Nonpalmar Fibroblasts. The Investigative Dermatology Satellite Symposium on Inherited Skin Diseases, Rome, Italy, May 12-13, 1998.
3. Reconstruction of Aplasia Cutis Congenita of the Trunk in a Newborn Infant Using Alloderm and Cultured Epithelial Autografts. American Society of Plastic and Reconstructive Surgery Annual Meeting, Boston, Massachusetts, October 5, 1998.
4. Frozen Cultured Epithelial Allografts as Treatment for Partial Thickness burns. The 10<sup>th</sup> Congress of The International Society for Burns Injuries, Jerusalem, Israel, November 1-6, 1998
5. The Use of Prefabricated Mucosa-Lined Flap for Vaginal Reconstruction. The 65th Annual Resident Research Day, Providence Hospital, Southfield, Michigan, April 19, 2000.
6. The Use of Prefabricated Mucosa-Lined Flap for Vaginal Reconstruction. Michigan Academy of Plastic Surgeons Biannual Meeting, Mackinac Island, Michigan. July 24, 2000.
7. Cultured Epithelial Autografts - Preparation and Clinical Use. Grand Rounds, Yonsei University Medical Center, Seoul, Korea, January 13, 2001.
8. The Use of Prefabricated Mucosa-Lined Flap for Vaginal Reconstruction. 2001 Plastic Surgery Senior Resident Conference. Brown University, Providence, Rhode Island, March 28-April 01, 2001.
9. The Use of Prefabricated Mucosa-Lined Flap for Vaginal Reconstruction. Midwestern Association of Plastic Surgeons Annual Meeting. Northwestern Memorial Hospital, Chicago, Illinois, April 21-22, 2001.
10. The Effect of Mitomycin-C on Keloid Fibroblasts, An *In-Vitro* Study. The 66<sup>th</sup> Annual Resident Research Day, Providence Hospital, Southfield, Michigan, April 25, 2001.
11. The Use of Prefabricated Mucosa-lined Flap for Vaginal Reconstruction. The European Association of Plastic Surgeons. The Twelfth Annual Meeting, Helsinki, Finland, May 31-June 2, 2001.
12. Cultured Epithelial Autografts Preparation and Clinical Use. Surgery Faculty and Residents. Surgical Grand Rounds, Johnson City Medical Center, Johnson City, Tennessee, February 1, 2002.
13. Skin Grafting and Cultured Skin Techniques in Traumatic and Congenital Skin Loss. ETSU Physicians and Associates Staff. Johnson City, Tennessee, February 18, 2002.

**PRESENTATIONS Continued**

14. Botox: Erasing the lines of time. Health Resource Center, Johnson City Mall, Johnson City, Tennessee, July 9, 2002.
15. Management of Maxillofacial Trauma. Surgery Faculty and Residents. Surgical Grand Rounds, Johnson City Medical Center, Johnson City, Tennessee, September 20, 2002.
16. Keloids, Understanding Etiology and Management, Surgery Faculty and Residents. Surgical Grand Rounds, ETSU College of Medicine, Johnson City, Tennessee, February 28, 2003.
17. A Comparative Histological Pilot Study of Skin Graft Take with Conventional Bolster Dressing versus Vacuum Assisted Closure in a Pig Model. 48<sup>th</sup> Annual Meeting of the Plastic Surgery Research Council, April 23-26, 2003, Las Vegas, NV.
18. Management of Pressure Ulcers. James H. Quillen College of Medicine, Department of Surgery, Johnson City, Tennessee. Teaching Conference for Surgery Residents. June 6, 2003.
19. Cultured Epithelial Autografts Preparation and Clinical Use. Wright State University Department of Pharmacology and Toxicology, Dayton, Ohio. Seminar for Faculty Members. May 7, 2004.
20. The Healing Effect of Platelet Rich Plasma in Rats with Acute Bone Fracture. Central Research Forum, Wright State University Department of Surgery, School of Medicine, Dayton, Ohio (Poster Presentation). October 19, 2004.
21. The Role of Platelet-Rich Plasma in the Acceleration of Bone Fracture Healing. MVH Resident Research Paper Award, Dayton, Ohio. April 2005.
22. The Role of Platelet-Rich Plasma in the Acceleration of Bone Fracture Healing. Presentation for Residents in Research, Kettering Medical Center Network, Dayton, Ohio. May 2005.
23. The Role of Platelet-Rich Plasma in the Acceleration of Bone Fracture Healing. 48<sup>th</sup> Annual Meeting of the Ohio Valley Society of Plastic Surgeons, The Cleveland Clinic Educational Foundation, Aurora, Ohio. May 13, 2005.
24. The Role of Platelet-Rich Plasma in the Acceleration of Bone Fracture Healing. Dayton Surgical Society Meeting, Surgical Resident Research Forum, Dayton, Ohio. May 24, 2005.
25. The Role of Platelet-Rich Plasma in the Acceleration of Bone Fracture Healing. DAGMEC Resident Research Forum, Franciscan Med Ctr, Dayton, Ohio. September 2005.
26. The Role of Platelet-Rich Plasma in the Acceleration of Bone Fracture Healing. American Society of Plastic Surgeons (ASPS) Plastic Surgery Meeting, Chicago, IL (Abstract Supplement). September 24-28, 2005.
27. The Role of Platelet-Rich Plasma in the Acceleration of Bone Fracture Healing. Bohinc, JR. Wright State University Central Research Forum, Dayton, Ohio. (Poster Presentation) February 9, 2006.

### **PRESENTATIONS Continued**

28. The Role of Hyaluronic Acid Treatment in the Prevention of Keloid Formation. Hoying, JL. Wright State University Central Research Forum, Dayton, Ohio. (Poster Presentation) February 9, 2006.

29. Role of Platelet-Rich Plasma in Acceleration of Bone Fracture Healing. Peterson, WC, Bohinc, RJ, Hoffman, A, Stills, HF, Simman, R. Experimental Biology, San Francisco, California. (Oral Presentation) April 1-5, 2006.

30. Role of Hyaluronic Acid Treatment in the Prevention of Keloid Formation. Hoying, JL, Hoffman, A, Simman, R. 115<sup>th</sup> Annual Meeting of the Ohio Academy of Science, University of Dayton, Dayton, Ohio. (Podium Presentation) April 22, 2006.

31. Role of Platelet-Rich Plasma in Acceleration of Bone Fracture Healing. Peterson, WC, Bohinc, RJ, Hoffmann, A, Stills, HF, Simman, R. 115<sup>th</sup> Annual Meeting of the Ohio Academy of Science, University of Dayton, Dayton, Ohio. (Podium Presentation) April 22, 2006.

32. Role of Hyaluronic Acid Treatment in the Prevention of Keloid Scarring. Hoffmann, A. Eastern Great Lakes Burn Study Group, Dayton, Ohio. (Oral Presentation) October 26, 2006.

33. Treating Wounds That Won't Heal. Kettering Medical Center Community Wellness Miamisburg, Ohio. June 10, 2008.

### **TEACHING EXPERIENCE**

Burn Lecture Series on burn management, skin substitutes, skin culture, exfoliative diseases for surgical residents, medical students, nurses, and paramedics. Held at the Burn Center, at SUNY, University Hospital at Stony Brook, New York, March - June 1999.

Management of Burn Wounds in the Emergency Room. James H. Quillen College of Medicine, Department of Surgery, Johnson City, Tennessee. Teaching Conference for Surgery Residents. March 1, 2002.

Burn and Wound Healing lecture series for medical students. James H. Quillen College of Medicine, Department of Surgery, Johnson City, Tennessee. Two hour lectures, six times per year. December 2001- December 2003.

Animal/Clinical Research Meetings. James H. Quillen College of Medicine, Department of Surgery, Johnson City, Tennessee. Faculty, Students, and Staff. First Monday of Month starting September, 2002 – December, 2003.

Management of Burns, Breast Reconstruction after Mastectomy. Surgery Faculty and Residents. Journal Club, Department of Surgery, Johnson City, TN, January 9, 2003.

Frequently Encountered Plastic Surgery Related Injuries in the Emergency Room. James H. Quillen College of Medicine, Department of Surgery, Johnson City, Tennessee. Teaching Conference for Surgery Residents. March 7, 2003.

**TEACHING EXPERIENCE Continued**

Research Meetings. Miami Valley Hospital, Wright State University, Department of Surgery, School of Medicine, Dayton, Ohio. Faculty, Medical Students, and Staff. First Friday of Month starting March, 2004 – present.

Burn Conferences. Wright State University, Department of Surgery, Dayton, Ohio. Medical Students. Starting April, 2004.

Resident Anatomy Course (Upper Extremity/Hand). Wright State University Department of Surgery, Dayton, Ohio. Residents. April 13, 2004.

Surgical Infection Conference. Wright State University, Department of Surgery, Dayton, Ohio. Medical Students. Starting April, 2004.

Plastic Surgery (Skin & SQ). Wright State University, Department of Surgery, Dayton, Ohio. Medical Students, May 26, 2004.

Plastic Surgery (Hand & Reconstruction). Wright State University, Department of Surgery, Dayton, Ohio. Medical Students, May 26, 2004.

Technical Skills (ICM III)—Simple Suturing. Wright State University, Department of Surgery, School of Medicine. Dayton, Ohio. Medical Students. Starting July 16, 2004.

Plastic Surgery (Hand and Reconstruction). Wright State University, Department of Surgery, Dayton, Ohio. Medical Students, August 25, 2004.

Plastic Surgery Rotation (2-weeks) 4<sup>th</sup> Year Surgery Subspecialty. Dayton, Ohio. Starting September 2004.

Resident Anatomy Course (Upper Extremity/Hand). Wright State University Department of Surgery, Dayton, Ohio. April 26, 2005.

ICM III. Wright State University Department of Surgery, Dayton, Ohio. Medical Students. July 21, 2005.

Research: Burn Surgery Rotation (6 months) 4<sup>th</sup> Year Surgery Subspecialties, Plastic Surgery. Wright State University Department of Surgery, Dayton, Ohio. November 1, 2005.

Plastic Surgery Rotation (1 month) 4<sup>th</sup> Year Surgery Subspecialties, Plastic Surgery. Wright State University Department of Surgery, Dayton, Ohio. January 2006.

Plastic Surgery Rotation (2-weeks) 4<sup>th</sup> Year Surgery Subspecialties. Wright State University Department of Surgery, Dayton, Ohio. February 2006.

Plastic Surgery Rotation (2-weeks) 4<sup>th</sup> Year Surgery Subspecialties. Wright State University Department of Surgery, Dayton, Ohio. March 2006.

### **TEACHING EXPERIENCE Continued**

SUR 891, Interactive Lecture, 4<sup>th</sup> Year Surgery Subspecialties, Plastic Surgery. Boonshoft School of Medicine, Wright State University Department of Surgery, Dayton, Ohio. March 29, 2006.

Burn Conferences. Wright State University, Department of Surgery, Dayton, Ohio. Medical Students. May 2006.

SUR 608, Intro to Plastic/Reconstructive Surgery Elective (2-weeks) 1<sup>st</sup> Year Surgery. Boonshoft School of Medicine, Wright State University Department of Department of Surgery, Dayton, Ohio. June 5, 2006.

SUR 820, Clinical Surgery Research Rotation (1 month), 4<sup>th</sup> Year Surgery Subspecialties. Boonshoft School of Medicine, Wright State University Department of Surgery, Dayton, Ohio. August 2006.

SUR 839, Plastic/Reconstr Wounds Rotation (1 month), 4<sup>th</sup> Year Surgery Subspecialties. Boonshoft School of Medicine, Wright State University Department of Surgery, Dayton, Ohio. September 2006.

SUR 839, Plastic/Reconstr Wounds Rotation (1 month), 4<sup>th</sup> Year Surgery Subspecialties. Boonshoft School of Medicine, Wright State University Department of Surgery, Dayton, Ohio. January 2007.

SUR 839, Plastic/Reconstr Wounds Rotation (1 month), 4<sup>th</sup> Year Surgery Subspecialties. Boonshoft School of Medicine, Wright State University Department of Surgery, Dayton, Ohio. April 2007.

Plastic Surgery Educational Conference (PSEC), Benign Skin Lesions/Burns. Wright State University Division of Plastic Surgery, Dayton, Ohio. Residents. May 8, 2007.

SUR 608, Intro to Plastic/Reconstructive Surgery Elective (2-weeks) 1<sup>st</sup> Year Surgery. Boonshoft School of Medicine, Wright State University Department of Department of Surgery, Dayton, Ohio. June 4-15, 2007.

### **REVIEWS, COMMITTEES, AND CONSULTATIONS:**

Regular papers review for The European Journal of Plastic Surgery, July 1999-June 2001.  
Editor-in-Chief: Ian T. Jackson, M.D.

Regional Consultants Meeting, “Gram Positive Infections in the 21<sup>st</sup> Century: A Surgical Perspective”, Pharmacia-Pfizer, Miami, Florida, October 18-20, 2002.

The American Academy of Wound Management. Member of the Examination Committee. Preparation of questions for the Board Examination, May 2003 – present.

American Academy of Wound Management Marketing Committee, 2003-present.

**REVIEWS, COMMITTEES, AND CONSULTATIONS Continued:**

American Academy of Wound Management Research Committee, 2004-present.

Consultant for 2<sup>nd</sup> Annual Linezolid: Initiative for Faculty Education (LIFE II). Pharmacia-Pfizer, March 13-16, 2003, Henderson, Nevada.

Regular examiner in the mock oral General Surgery Board Examination, held yearly to prepare graduating chief residents at both ETSU and University of Tennessee at Knoxville for their upcoming Board Examination. April 2002 – December 2003.

Preparation of examination questions for the medical students at James H. Quillen College of Medicine on burns and wound healing. December 2001- December 2003.

Expert Consultant Panel Meeting, Pfizer Pharmaceuticals, Cleveland, Ohio, August 13, 2004.

Member of the Medical Science Monitor International Reviewers Panel (IRP), 2006-present.

DAGMEC Seventh Annual Resident Research Forum (Panel), Main Lobby of Elizabeth Place, April 27, 2006.

Discussion panel for the Eastern Great Lakes Burn Study Group. October 26-27, 2006, Dayton, Ohio.

Chair, The Board Examination Committee for Physicians, The American Academy of Wound Management Board Examination in Wound Care. January 2008- present.

Member, The Editorial Board, The Journal of the American College of Certified Wound Specialists. July 2008-present.