



## **CURRICULUM VITAE**

Clark Friedrich Schierle, MD, PhD  
Director of Aesthetic Surgery for NSPS  
Northwestern Specialists in Plastic Surgery, S.C.  
Diplomate of the American Board of Plastic Surgery

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### **Contact Information**

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<http://www.northwesternplastics.com>  
facebook.com/ChicagoPlastics  
twitter: @ChicagoPlastics

### **Biographical Information**

Citizenship: United States and European Union (Germany)  
Marital Status: Married to Melissa Joy Wickart, CRNA  
Children: Landon Alexander Schierle

### **Education**

2001-2003\*  
Harvard Medical School  
Boston, MA

1995-2000\*  
Harvard University  
Graduate School of Arts & Sciences

Cambridge, MA

1992-1994\*

Harvard Medical School 1992-1994\*

Boston, MA

\*Accepted at age sixteen into combined MD-PhD program

1991-1992

Research Fellowship

University of California, Los Angeles

1987-1991\*\*

University of California, Los Angeles

\*\*Accepted at age twelve as full-time undergraduate

Fall 1986

Beverly Hills High School

Beverly Hills, CA

### **Degrees Awarded**

June 5, 2003

Doctor of Philosophy

Microbiology & Molecular Genetics

Harvard University, Cambridge, MA

June 5, 2003

Doctor of Medicine

Harvard Medical School, Boston, MA

June 14, 1991

Bachelor of Science

Microbiology & Molecular Genetics

University of California, Los Angeles

### **Postgraduate Training**

2009-2010

Chief Resident in Plastic & Reconstructive Surgery

McGaw Medical Center

Northwestern University, Chicago, IL

2007-2009

Resident in Plastic & Reconstructive Surgery

McGaw Medical Center  
Northwestern University, Chicago, IL

2006-2007  
Postdoctoral Research Fellowship  
Wound Healing Research Laboratory  
Northwestern University, Chicago, IL

2004-2006  
Resident in General Surgery  
McGaw Medical Center  
Northwestern University, Chicago, IL

2003-2004  
Internship, General Surgery  
McGaw Medical Center  
Northwestern University, Chicago, IL

### **Licensure & Certification**

2013-present  
Diplomate, American Board of Plastic Surgery

2006-present  
Physician Controlled Substance, Licensed  
State of Illinois

2006-present  
Controlled Substance Registration  
United States Drug Enforcement Administration

2005-present  
Basic Life Support  
American Heart Association

2005-present  
Advanced Cardiac Life Support  
American Heart Association

2004-present  
Advanced Trauma Life Support  
American College of Surgeons

## **Medical Facility Appointments**

2010-present  
Saint Joseph Hospital  
Resurrection Health Care  
Chicago, Illinois

2010-present  
Mercy Hospital & Medical Center  
Chicago, Illinois

2010-present  
Illinois Masonic Medical Center  
Advocate Health Care  
Chicago, Illinois

Pending  
Northwestern Lake Forest Hospital  
Northwestern Medicine  
Chicago, Illinois

2010-present  
900 North Michigan Surgical Center  
Chicago, Illinois

2010-present  
Sameday Surgery River North  
Chicago, Illinois

## **Research Experience**

### **Postgraduate**

2009-2012  
Co-Investigator, Quantitative Molecular Detection of Osteomyelitis  
Assisted in protocol design, data acquisition and analysis, obtained all OSR, IRB and hospital regulatory approvals for collection and molecular analysis of samples  
Victor Lewis, MD  
Northwestern University

2009-2010  
Co-Investigator, Human Composite Tissue Allotransplantation Program

Assisted in protocol design, data acquisition and analysis, obtained all OSR, IRB and hospital regulatory approvals for composite tissue allotransplantation including face, hand, and abdominal wall

Gregory Dumanian, MD & Robert Walton, MD  
Northwestern University

2008-2010

Co-Investigator, HemCon Bedside Debridement Study

Assisted in protocol design, data acquisition and analysis, obtained all OSR, IRB and hospital regulatory approvals

Robert Galiano, MD

HemCon Medical Technologies, Inc. & Northwestern University

2006-2008

Co-Investigator, Restylane SubQ FDA Phase I & II Trials

Assisted in protocol design, data acquisition and analysis, obtained all OSR, IRB and hospital regulatory approvals

Julius Few, MD

Medicis Pharmaceutical Corporation & Northwestern University

2006-2007

Postdoctoral Research Fellowship

Wound Healing Research Laboratory

Developed first animal model demonstrating direct effect of bacterial biofilms on cutaneous wound healing

Performed DNA microarray analysis to identify novel gene pathways involved in scarring

Thomas Mustoe, MD & Robert Galiano, MD

Northwestern University, Chicago, IL

2004-2005

Co-Investigator, Distally Based Hemisoleus Flap

Assisted in protocol design, data acquisition and analysis, obtained all IRB and hospital regulatory approvals

Gregory Dumanian, MD

Northwestern University

### **Graduate**

1995-2001

Doctoral Thesis Work

Thesis: Protein Targeting in *Escherichia coli*

Full text available at: <http://www.tinyurl.com/SchierleThesis>

Jonathan Beckwith, PhD

Harvard Medical School, Boston, MA

1994

Genetics of Stationary Phase Growth, *Escherichia coli*

Characterized the kinetics of development of the Growth Advantage in Stationary Phase (GASP) phenotype

Roberto Kolter, PhD

Harvard Medical School, Boston, MA

1993

Cancer Genetics, Mouse

Assisted in cloning and sequencing of tumor specific sodium transporter gene identified by differential display PCR

Philip Leder, MD

Harvard Medical School, Boston, MA

### **Undergraduate**

1992

Educational Software Interface Design & Coding

Developed and implemented a virtual order entry form interface to IMMEX medical education software

Ronald Stevens, PhD

University of California, Los Angeles Medical School

1990-1992

Molecular Genetics, *Escherichia coli*

Developed novel polyacrylamide gel shift assay to study cooperative binding of *lac* repressor to its operator sequence

Jeffrey H. Miller, PhD

University of California, Los Angeles

1989

Developmental Biology, Soybean and Tobacco

Utilized subtractive hybridization to identify genes and regulatory sequences specific to anther development and differentiation

Robert Goldberg, PhD

University of California, Los Angeles

### **Professional Experience**

2012-present

Director of Aesthetic Surgery

Northwestern Specialists in Plastic Surgery, S.C.

2012-present  
Medical Director, Lincoln Park Aesthetics

2010-present  
Vice President, Northwestern Specialists in Plastic Surgery, S.C.

2009-10  
Instructor, Division of Plastic Surgery  
Northwestern University Feinberg School of Medicine

2005-present  
Clinical Advisory Board  
EidosMed™, LLC

2006-2007  
Resource Physician  
Evanston Northwestern Healthcare, Evanston, IL

2006-2007  
Trauma Moonlighter  
Children's Memorial Hospital, Chicago, IL

1998-2000  
President, Biomedical Graduate Student Organization  
Harvard Medical School, Boston, MA

1992  
Software Developer/ Network Administrator  
UCLA Medical School, Los Angeles, CA

### **Professional Organizations**

2010  
American Society for Aesthetic Plastic Surgery  
Candidate

2008  
American Medical Association

2007  
Wound Healing Society

2007

Society for the Advancement of Wound Care

2005

American Society for Reconstructive Microsurgery  
Candidate Member

2003

American Society of Plastic Surgeons  
Residents and Fellows Forum

2003

American College of Surgeons  
Resident and Associate Society

1990

Alpha Chi Sigma Professional Chemistry Fraternity  
Beta Gamma Chapter

1990

Phi Beta Kappa

1990

Golden Key National Honor Society

1988

Phi Eta Sigma Freshman National Honor Society

## **Honors & Awards**

### ***Residency & Fellowship***

2012

Patients' Choice Award  
Vitals.com

2011

Patients' Choice Award  
Vitals.com

2010

Compassionate Doctor Recognition  
Vitals.com

2010

1st place Best Basic Science Paper  
Midwestern Association of Plastic Surgeons  
\$500

2010  
Best Scientific Exhibit Award  
American Society for Aesthetic Plastic Surgery

2009  
2nd place Best Basic Science Paper  
Midwestern Association of Plastic Surgeons  
\$300

2008  
Goldberg Family Charitable Trust Award  
Northwestern Memorial Foundation  
\$1,000

2007  
C.A.R.E. Award for Exceptional Patient Care  
Evanston Northwestern Healthcare

2007  
Young Investigator Award  
Wound Healing Society  
\$1,000

2006  
Goldberg Family Charitable Trust Award  
Northwestern Memorial Foundation  
\$1,000

2004  
Goldberg Family Charitable Trust Award  
Northwestern Memorial Foundation  
\$1,000

***Medical & Graduate School***

1992-2003  
Medical Scientist Training Program Grant  
National Institutes of Health  
Full Tuition Scholarship & Stipend

2003  
High Honors in Plastic & Reconstructive Surgery  
Harvard Medical School

2003  
High Honors in Surgical Anatomy  
Harvard Medical School

### ***Undergraduate***

1991  
Summa Cum Laude  
University of California, Los Angeles

1991  
Highest Honors in Microbiology & Molecular Genetics  
University of California, Los Angeles

1991  
Honors Collegium  
University of California, Los Angeles

1987-1991  
Dean's Honor List  
University of California, Los Angeles

1987-1991  
Varsity Donors Most Valuable Player Scholarship  
University of California, Los Angeles  
Full Tuition Scholarship

1990  
Phi Beta Kappa

1990  
Golden Key National Honor Society

1988  
Phi Eta Sigma Freshman National Honor Society

### **Publications**

1. **Schierle CF**, Tresley J, Rosenberg D, Casas LA. Improving outcomes of vertical reduction mammoplasty: Quantitative analysis of the learning curve in the first 100 consecutive cases

- by a single surgeon. Plastic and Reconstructive Surgery. Submitted.
2. **Schierle CF**, Kalainov D. Suprascapular nerve entrapment in the setting of modified Weaver-Dunn acromioclavicular joint reconstruction: a case report and review of the literature. Journal of Bone and Joint Surgery. Submitted.
  3. **Schierle CF**, O'Shaughnessy K, Ding XZ, Skaliter R, Galiano RD, Mustoe TA. Modulation of epidermal gene expression by silicone gel occlusion in a novel murine cutaneous wound model. Wound Repair and Regeneration. Submitted.
  4. **Schierle CF**, De la Garza M, Galiano RD, Mustoe TA. Diabetic wounds are more susceptible to delayed reepithelialization by the presence of a bacterial biofilm. Plastic and Reconstructive Surgery. Submitted.
  5. **Schierle CF**, Behm CG, O'Shaughnessy K, Ding XZ, Galiano RD, Mustoe TA. Rapid and simple epidermal keratinocyte RNA extraction technique allowing temporally and spatially specific gene transcript characterization in the mouse and rabbit. Biotechniques. Submitted.
  6. Fine N, **Schierle C**. Master Techniques in Rhinoplasty. Aesthetic Surgery Journal. 2012 November; 32: 1037-1038.
  7. **Schierle CF**, Casas LA. Non-surgical rejuvenation of the aging face using injectable poly-L-lactic acid (Sculptra® Aesthetic) for restoration of soft tissue volume. Aesthetic Surgery Journal. 2011 Jan;31(1):95-109.
  8. Kim JY, Buck DW, Forte AJ, Subramanian VS, Birman MV, **Schierle CF**, Kloeters O, Mattox KL, Wall MJ, Epstein M. Risk factors for compartment syndrome in traumatic brachial artery injuries: an institutional experience in 139 patients. Journal of Trauma. 2009 Dec; 67(6):1339-44.
  9. **Schierle CF**, Krol J. Can new hemostatic dressings facilitate sharp debridement with high-risk patients? Podiatry Today. 2009 Jul; 22(7):20-22.
  10. **Schierle CF**, Rawlani V, Galiano RD, Kim JY, Dumanian GA. Improving outcomes of the distally based hemisoleus flap: Principles of angiosomes in flap design. Plastic and Reconstructive Surgery. 2009 Jun; 123(6):1748-54.
  11. **Schierle CF**, De la Garza M, Mustoe TA, Galiano RD. *Staphylococcal* biofilms impair wound healing by delaying reepithelialization in a murine cutaneous wound model. Wound Repair and Regeneration. 2009 May-Jun;17(3):354-9.
  12. Kim JY, **Schierle CF**, Subramanian V, Birman MV, Kloeters O, Forte AJ, Basu CB, Wall MJ, Epstein M. A prognostic model for the risk of development of upper extremity compartment syndrome in the setting of brachial artery injury. Annals of Plastic Surgery. 2009 Jan; 62(1):22-7.
  13. Kloeters O, **Schierle C**, Tandara A, Mustoe TA. The use of a semi-occlusive dressing reduces epidermal inflammatory cytokine expression and mitigates dermal proliferation and inflammation in a rat incisional model. Wound Repair & Regeneration. 2008 Jul-Aug; 16(4):568-75.
  14. Mustoe TA, Kim P, **Schierle CF**. Outpatient abdominoplasty under conscious sedation. Aesthetic Surgery Journal. 2007 Jul-Aug; 27(4):442-9.
  15. **Schierle C**, Winograd JM. Radiation-induced brachial plexopathy: Complication without a cure. Journal of Reconstructive Microsurgery. 2004 Feb; 20(2):149-52.
  16. **Schierle CF**, Berkmen M, Huber D, Kumamoto C, Boyd D, Beckwith J. The DsbA signal sequence directs efficient, cotranslational export of passenger proteins to the *Escherichia coli* periplasm via the signal recognition particle pathway. Journal of Bacteriology. 2003 Oct;

- 185(19):5706-13.
17. Boyd D, **Schierle C**, Beckwith J. How many membrane proteins are there? *Protein Science*. 1998 Jan; 7(1):201-5.
  18. Prinz WA, Spiess C, Ehrmann M, **Schierle C**, Beckwith J, Targeting of signal sequenceless proteins for export in *Escherichia coli* with altered protein translocase. *EMBO Journal*. 1996 Oct 1; 15(19):5209-17.
  19. Kim CW, Markiewicz P, Lee JJ, **Schierle CF**, Miller JH. Studies of the hyperthermophile *Thermotoga maritima* by random sequencing of cDNA and genomic libraries. Identification and sequencing of the trpEG (D) operon. *Journal of Molecular Biology*. 1993 Jun 20; 231(4):960-81.

### Book Chapters

1. Fine NA & **Schierle CF**. Endoscopic Approaches to the Breast. In Neligan PC (Ed.), Plastic Surgery, Grotting JC (Ed.) Volume Five: Breast, 3rd Ed. Elsevier, 2013.
2. **Schierle CF** & Casas LA. Breast Augmentation. In Beer et al (Eds.), Cosmetic Bootcamp Primer, 1st Ed. Informa Healthcare, 2009.
3. Gurjala AN, **Schierle CF**, Galiano RD, Leung KP, Mustoe TA. Animal models of biofilm-infected wound healing. In Sen CK (Ed.), Advances in Wound Care: Volume 1. Mary Ann Liebert, Inc., 2010.
4. **Schierle CF** & Lewis VL. Nasal Reconstruction. In Kryger ZB & Sisco M (Ed.), Practical Plastic Surgery, 1st Ed. Landes Bioscience, 2007.
5. **Schierle CF** & Lewis VL. Nasal Bone and Naso-Orbito-Ethmoid Fractures. In Kryger ZB & Sisco M (Ed.), Practical Plastic Surgery, 1st Ed. Landes Bioscience, 2007.
6. **Schierle CF** & Kim JYS. Browlift. In Kryger ZB & Sisco M (Ed.), Practical Plastic Surgery, 1st Ed. Landes Bioscience, 2007.
7. **Schierle CF** & Lewis VL. Otoplasty. In Kryger ZB & Sisco M (Ed.), Practical Plastic Surgery, 1st Ed. Landes Bioscience, 2007.
8. **Schierle CF**. Nasal Reconstruction. In Lin SJ & Hijawi JB (Ed.), Plastic and Reconstructive Surgery Board Review, 1st Ed. McGraw-Hill, 2006.
9. **Schierle CF**. Pressure Sores. In Lin SJ & Hijawi JB (Ed.), Plastic and Reconstructive Surgery Board Review, 1st Ed. McGraw-Hill, 2006.

### Presentations

1. **Schierle CF**. Integration of Imaging and Applications in Practice--Risks, Costs, Benefits. Technology Innovation in Plastic Surgery. May 31-June 2, 2013. San Francisco, California.
2. **Schierle CF**. Advances in Breast Reconstruction. Bright Pink Outreach Symposium. November 14, 2012. Chicago, Illinois.
3. **Schierle CF**. Forum: Ask the Expert - How to Use Imaging Systems to Build Your Practice. Annual Meeting of the American Society of Plastic Surgeons. October 26-30, 2012. New Orleans, Louisiana.
4. **Schierle CF**. Advanced techniques in 3D imaging: surgical simulation and patient education for augmentation mammoplasty. 52nd Annual Meeting of the Midwestern Association of

- Plastic Surgeons. April 21, 2012. Chicago, Illinois.
5. **Schierle CF.** Advances in Scar Management: Molecular Evidence for Clinical Applications. World Congress of Cosmetic Dermatology. February 3, 2011. Cancun, Mexico.
  6. **Schierle CF.** Chicago Health 2.0 Health Technology Panelist. January 31, 2011. Chicago, Illinois.
  7. **Schierle CF.** What's New in Cleft & Craniofacial Surgery. Shriner's Hospital for Children. March 19, 2011. Chicago, Illinois.
  8. **Schierle CF.** Chicago Health 2.0 Health Technology Panelist. March 23, 2011. Chicago, Illinois.
  9. Casas LA, **Schierle CF.** Synergy of Retin A & Sculptra - 106 Consecutive Patients. Hot Topics Presentation. Annual Meeting of the American Society of Plastic Surgeons. October 1-5, 2010. Toronto, Ontario.
  10. **Schierle CF.** Innovations in transplantation: The Chicago experience. 27th Annual Meeting of the Association of Organ Procurement Organizations. June 15-18, 2010. Baltimore, Maryland.
  11. **Schierle CF,** O'Shaughnessy K, Ding XZ, Galiano RD, Mustoe TA. Epidermal gene expression is modulated by silicone gel occlusion in a novel murine cutaneous wound model. Illinois Society of Plastic Surgeons Annual Senior Resident Paper Competition. June 4, 2010. Chicago, Illinois.
  12. **Schierle CF,** De la Garza M, Mustoe TA, Galiano RD. Bacterial biofilms delay reepithelialization in a novel murine chronic wound model. 50th Annual Meeting of the Midwestern Association of Plastic Surgeons. May 15-16, 2010. Chicago, Illinois. **Recipient of the Midwestern Association of Plastic Surgeons 1st Place Award for Best Basic Science Presentation.**
  13. **Schierle CF.** Current Trends in Breast Reconstruction. Northwestern University Feinberg School of Medicine, Department of Surgery, Division of Plastic Surgery Grand Rounds. May 14, 2010. Chicago, Illinois.
  14. **Schierle CF,** Agnew SP, Casas LA. Synergy in the aesthetic soft tissue augmentation of the aging face with poly-L-lactic acid and topical tretinoin: a prospective crossover cohort study of 173 consecutive patients. Annual Meeting of the American Society for Aesthetic Plastic Surgery and the Aesthetic Surgery Education & Research Foundation. April 22-27, 2010. Washington, DC.
  15. Krol JM, **Schierle CF,** Galiano RD. Use of bi-layered living skin construct facilitates healing in chronic non-healing radiated wounds. Combined 23rd Annual Symposium on Advanced Wound Care and Wound Healing Society 20th Annual Meeting & Exhibition. April 17-20, 2010. Orlando, Florida.
  16. **Schierle CF,** Krol JM, Galiano RD. A prospective study on the use of chitosan-based hemostatic dressings in over fifty consecutive patients: optimizing bedside and office-based debridement, hospital resource allocation, and mid-level provider utilization. Combined 23rd Annual Symposium on Advanced Wound Care and Wound Healing Society 20th Annual Meeting & Exhibition. April 17-20, 2010. Orlando, Florida.
  17. **Schierle CF.** Wounds, Flaps & Scars: How to Think Like a Plastic Surgeon. Northwestern University Feinberg School of Medicine, Department of Urology Grand Rounds. February 11, 2010. Chicago, Illinois.
  18. **Schierle CF.** Orthognathic Surgery: Past, Present, Future. Northwestern University

- Feinberg School of Medicine, Department of Surgery, Division of Plastic Surgery Grand Rounds. November 6, 2009. Chicago, Illinois.
19. **Schierle CF**. Innovations in Transplantation. Gift of Hope Organ & Tissue Donor Network. October 7, 2009. Chicago, Illinois.
  20. **Schierle CF**. Composite Tissue Allotransplantation. Gift of Hope Organ & Tissue Donor Network. September 30, 2009. Elmhurst, Illinois.
  21. **Schierle CF**, Tresley J, Casas LA. Lessons learned from the first one hundred consecutive cases of vertical reduction mammoplasty by a single surgeon. Annual Meeting of the American Society for Aesthetic Plastic Surgery and the Aesthetic Surgery Education & Research Foundation. May 2-7, 2009. Las Vegas, Nevada. **Recipient of the American Society for Aesthetic Plastic Surgery Best Scientific Exhibit Award.**
  22. **Schierle CF**, De la Garza M, Mustoe TA, Galiano RD. A novel murine chronic wound model directly demonstrating the role of bacterial biofilms in inhibiting wound healing. 49th Annual Meeting of the Midwestern Association of Plastic Surgeons. April 18-19, 2009. Chicago, Illinois. **Recipient of the Midwestern Association of Plastic Surgeons 2nd Place Award for Best Basic Science Presentation.**
  23. **Schierle CF**. Primary Management of the Cleft Nasal Deformity. Northwestern University Feinberg School of Medicine, Department of Surgery, Division of Plastic Surgery Grand Rounds. April 3, 2009. Chicago, Illinois.
  24. **Schierle CF**, Krol JM, Galiano RD. Maximizing bedside debridement utilizing chitosan-based hemostatic dressings. Diabetic Foot Global Conference. March 19-21, 2009. Los Angeles, California.
  25. **Schierle CF**, Mustoe TA, Galiano RD. Bacterial biofilms directly inhibit reepithelialization in a novel murine chronic wound model. Diabetic Foot Global Conference. March 19-21, 2009. Los Angeles, California.
  26. **Schierle CF**, Galiano RD, Mustoe TA. Diabetic wounds are more susceptible to bacterial biofilms in a novel murine chronic wound model. Diabetic Foot Global Conference. March 19-21, 2009. Los Angeles, California.
  27. **Schierle CF**, Krol JM, Galiano RD. Expanding the scope of bedside debridement in the management of problematic chronic wounds: the role of chitosan-based hemostatic dressings. Combined 22nd Annual Symposium on Advanced Wound Care and Wound Healing Society 19th Annual Meeting & Exhibition. April 26-29, 2009. Dallas, Texas.
  28. **Schierle CF**, Gurjala AN, Galiano RD, Leung KP, Mustoe TA. Rabbit and mouse models of biofilm wound infections. Center for Biofilm Engineering Technical Advisory Conference & Wound Biofilm Retreat. February 3-4, 2009. Bozeman, Montana.
  29. **Schierle CF**. Revascularization, Replantation, Transplantation. Northwestern University Feinberg School of Medicine, Department of Surgery, Division of Plastic Surgery Grand Rounds. December 12, 2008. Chicago, Illinois.
  30. **Schierle CF**, Tresley J, Casas LA. Vertical reduction mammoplasty: quantification of the learning curve in one hundred consecutive cases by a single surgeon. Annual Meeting of the American Society of Plastic Surgeons. October 31-November 5, 2008. Chicago, Illinois.
  31. **Schierle CF**, O'Shaughnessy K, Ding XZ, Galiano RD, Mustoe TA. Microarray and immunohistochemical characterization of silicone gel occlusion in a novel murine cutaneous wound model. Annual Meeting of the American Society of Plastic Surgeons. October 31-November 5, 2008. Chicago, Illinois.

32. **Schierle CF**, Krol J, Galiano RD. Use of chitosan-based hemostatic dressings facilitates safe, thorough debridement of chronic wound eschar at the bedside: a pilot study. A Team Approach to Diabetic Limb Salvage. Georgetown University Hospital. September 18-20, 2008. Washington, D.C.
33. **Schierle CF**, Mustoe TA, Galiano RD. Use of biofilm directed therapies accelerates reepithelialization in a novel murine model of delayed wound healing. A Team Approach to Diabetic Limb Salvage. Georgetown University Hospital. September 18-20, 2008. Washington, D.C.
34. **Schierle CF**, Mustoe TA, Galiano RD. Diabetic mice are more susceptible to biofilm-mediated disruptions in wound healing. A Team Approach to Diabetic Limb Salvage. Georgetown University Hospital. September 18-20, 2008. Washington, D.C.
35. **Schierle CF**. Surgical management of obesity. Northwestern University Feinberg School of Medicine, Department of Surgery, Division of Plastic Surgery Grand Rounds. June 11, 2008. Chicago, Illinois.
36. **Schierle CF**, Mustoe TA, Galiano RD. An animal model for the inhibitory role of biofilms in wound healing. Bacterial Genetics, Physiology and Biotechnology: The 2008 Beckwith Conference. May 16-19. Cassis, France.
37. **Schierle CF**, Ding XZ, Skaliter R, Galiano RD, Mustoe TA. Genomic analysis of paracrine signaling in a murine model of wound healing. Bacterial Genetics, Physiology and Biotechnology: The 2008 Beckwith Conference. May 16-19. Cassis, France.
38. **Schierle CF**, Mustoe TA, Galiano RD. Biofilm directed therapies rescue wound healing in a novel murine model of chronic cutaneous wounds. Bacterial Genetics, Physiology and Biotechnology: The 2008 Beckwith Conference. May 16-19. Cassis, France.
39. **Schierle CF**, O'Shaughnessy K, Ding XZ, Galiano RD, Mustoe TA. Molecular analysis of the effects of silicone gel occlusion on epidermal gene expression. 48th Annual Meeting of the Midwestern Association of Plastic Surgeons. May 3-4, 2008. Chicago, Illinois.
40. Agnew S, **Schierle CF**, Lewis VL. Prompt elbow coverage for spinal cord injury patients – locoregional flaps are an appropriate and simple solution for elbow salvage. 48th Annual Meeting of the Midwestern Association of Plastic Surgeons. May 3-4, 2008. Chicago, Illinois.
41. **Schierle CF**, Ding XZ, Skaliter R, Galiano RD, Mustoe TA. Microarray analysis of differential gene expression in murine cutaneous wounds treated with semiocclusive silicone gel. Combined 21st Annual Symposium on Advanced Wound Care and Wound Healing Society 18th Annual Meeting & Exhibition. April 24-27, 2008. San Diego, California.
42. **Schierle CF**, Mustoe TA, Galiano RD. Bacterial biofilms delay cutaneous healing in a novel murine chronic wound model. Combined 21st Annual Symposium on Advanced Wound Care and Wound Healing Society 18th Annual Meeting & Exhibition. April 24-27, 2008. San Diego, California.
43. **Schierle CF**, O'Shaughnessy K, Ding XZ, Galiano RD, Mustoe TA. Silicone gel occlusion suppresses epidermal activation in a murine cutaneous wound model. Combined 20th Annual Symposium on Advanced Wound Care and Wound Healing Society 17th Annual Meeting & Exhibition. April 28-May 1, 2007. Tampa, Florida. **Recipient of the Wound Healing Society Young Investigator Award.**
44. **Schierle CF**. Reconstruction of the oral cavity. Northwestern University Feinberg School of Medicine, Department of Surgery, Division of Plastic Surgery Grand Rounds.

September 5, 2007. Chicago, Illinois.

45. **Schierle CF** & Kim JYS. Predicting the development of upper extremity compartment syndrome in traumatic brachial artery injuries: A retrospective analysis. Annual Scientific Meeting of the American Association for Hand Surgery. January 10-13, 2007. Rio Grande, Puerto Rico.
46. **Schierle CF**. Minimally invasive procedures and patient safety. Northwestern Memorial Hospital. February 20, 2006. Chicago, Illinois.
47. **Schierle CF** & Dumanian GA. The distally based hemisoleus flap as an illustration of the principle of angiosomes in flap design. Annual Scientific Meeting of the American Society for Reconstructive Microsurgery. January 15-18, 2005. Fajardo, Puerto Rico.
48. **Schierle C** & Lieberman G (2003). Snowboarding Trauma. Beth Israel Deaconess Medical Center, Available at the BIDMC Medical Student Radiology Learning Lab web site: <http://eradiology.bidmc.harvard.edu/LearningLab/musculo/Schierle.pdf>

### **Language Skills**

#### **Fluent**

English, Chinese (Shanghai dialect), Spanish

#### **Conversant**

Chinese (Mandarin, Cantonese), German, Italian, French, Brazilian Portuguese

### **Hobbies & Interests**

#### **SCUBA diving**

Turks & Caicos, Great Barrier Reef, Bahamas, Sea of Cortez, St. Barthélemy, French Mediterranean, New England, Maui

1998

Advanced Open Water Diver #9901395143

Professional Association of Diving Instructors

1997

Open Water Diver #2524

Scuba Schools International

#### **Snowboarding**

California, Utah, Colorado, New England, Switzerland, France

### **Freemasonry**

August 26, 2009

1st Degree Entered Apprentice Mason

September 9, 2009

2nd Degree Fellowcraft Mason

September 30, 2009

3rd Degree Master Mason

conferred by the

Clarence P. Schwarz Masonic Lodge #1163, Chicago, Illinois

October 24, 2009

Noble of the Mystic Shrine

conferred by the

Ancient Arabic Order of the Nobles of the Mystic Shrine

Medinah Shriners of Chicago, Illinois

November 14, 2009

32nd Degree Sublime Prince of the Royal Secret

conferred by the

Ancient Accepted Scottish Rite of Freemasonry

Northern Masonic Jurisdiction of the United States of America

Valley of Chicago

### **Motorcycle restoration & repair**

Kawasaki, Honda, Ducati

### **Juggling & Fire Performance**

Balls, Clubs, Rings, Diabolo, Devil Sticks, Fire-Poi

2001-2003

Member, Anthelion Fire Performance Troupe

Performances at Burning Man and First Night Boston

2011-present

Participant, Chicago Full Moon Fire Jam

### **In-line skating**

1996

Level I Instructor Certification

International In-line Skating Association

1996-2000

Member, Boston Skate Patrol First Responder Unit

1996

Instructor, Camp Rollerblade