



CURRICULUM VITAE

Clark Friedrich Schierle, MD, PhD, FACS
Director, Aesthetic Surgery
Northwestern Specialists in Plastic Surgery, S.C.
Adjunct Assistant Professor of Surgery
University of Illinois at Chicago

Contact Information

Northwestern Specialists in Plastic Surgery, S.C.
676 North Saint Clair Street, Suite 1575
Chicago, IL 60611
Phone: 312-266-6240
Fax: 312-266-1411
drschiele@northwesternplastics.com
<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 and Nora Katherine

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

2014-present
University of Illinois at Chicago
Chicago, Illinois

2014-present
Shriners' Hospital for Children, Chicago
Chicago, Illinois

2014-present
Northwestern Memorial Hospital
Northwestern Medicine
Chicago, Illinois

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

2010-present
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

2015-16

Doximity Fellow

Selected for the prestigious Doximity Fellowship and responsible for curating the most relevant medical literature in General Plastic Surgery, Aesthetic/Cosmetic, Breast Reconstruction, and Plastic & Reconstructive Microsurgery circulated to over 50% of US physicians. Also serves as a Doximity liaison providing product advice and strategic guidance to the company.

2014-present

Distinguished Fellow

New Westminster College

Vancouver, British Columbia, Canada

2014-present

Adjunct Assistant Professor

Department of Surgery

University of Illinois at Chicago

Chicago, Illinois, USA

2014-present

Member, Editorial Board

Surgical Research – Open Journal

2014-present

Health System Clinician

Northwestern University Feinberg School of Medicine

Chicago, Illinois, USA

2012-present

Director of Aesthetic Surgery

Northwestern Specialists in Plastic Surgery, S.C.

2012-2015

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

2005-2013
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

2015
Member
Illinois Society of Plastic Surgeons
Board Member

2015
Member
American Association for Hand Surgery

2015
President
Chicago Reconstructive and Aesthetic Plastic Surgery Society

2014

Member
International Society of Aesthetic Plastic Surgery

2014
Member
American Society for Aesthetic Plastic Surgery
Program Committee
Industry Exhibits Committee
Membership Committee

2012
Member
American Society of Plastic Surgeons
Program Committee
Inservice Exam Question Writing Committee

2008
Member
American Medical Association

2007
Member
Wound Healing Society

2007
Member
Society for the Advancement of Wound Care

2005
Member
American Society for Reconstructive Microsurgery

2003
Fellow
American College of Surgeons

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

2015

Fellow

American College of Surgeons

2012

Patients' Choice Award

Vitals.com

2011

Patients' Choice Award

Vitals.com

2010

Compassionate Doctor Recognition

Vitals.com

Residency & Fellowship

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 & Hijjawi JB (Ed.), *Plastic and Reconstructive Surgery Board Review*, 1st Ed. McGraw-Hill, 2006.
9. **Schierle CF**. Pressure Sores. In Lin SJ & Hijjawi JB (Ed.), *Plastic and Reconstructive Surgery Board Review*, 1st Ed. McGraw-Hill, 2006.

Presentations & Invited Lectures

1. **Schierle CF**. Advanced Breast Lift Planning. Plastic Surgery Grand Rounds. University of Illinois at Chicago. January 27, 2016. Chicago, Illinois.
2. **Schierle CF**. Advanced Breast Augmentation Planning and Technical Refinements. Plastic Surgery Grand Rounds. Northwestern University. January 15, 2016. Chicago, Illinois.
3. **Schierle CF**. Cosmetic Panel Moderator. Annual Meeting of the American Society of Plastic Surgeons. October 10-14, 2012. Chicago, Illinois.
4. **Schierle CF**. Invited International Visiting Professor. Silicone & Scarring: Clinical & Laboratory Evidence for the Efficacy of Topical Silicone Scar Treatments. 13th Shanghai International Plastic Surgery Conference and 3rd Shanghai Plastic & Cosmetic Forum. March 15, 2014. Shanghai, China
5. **Schierle CF**. Invited International Visiting Professor. Master Symposium on Scarring. Chinese National Plastic Surgery Congress. March 14, 2014. Shanghai, China.
6. **Schierle CF**. Advanced Breast Augmentation. Northwestern University. March 10, 2014. Chicago, Illinois.
7. **Schierle CF**. Advanced Breast Reconstruction. Northwestern University. February 15, 2014. Chicago, Illinois.
8. **Schierle CF**. Advanced Breast Reconstruction. Northwestern University. February 10, 2014. Chicago, Illinois.
9. **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.
10. **Schierle CF**. Advances in Breast Reconstruction. Bright Pink Outreach Symposium. November 14, 2012. Chicago, Illinois.
11. **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.
12. **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.
13. **Schierle CF.** Advances in Scar Management: Molecular Evidence for Clinical Applications. World Congress of Cosmetic Dermatology. February 3, 2012. Cancun, Mexico.
 14. **Schierle CF.** Chicago Health 2.0 Health Technology Panelist. January 31, 2011. Chicago, Illinois.
 15. **Schierle CF.** What's New in Cleft & Craniofacial Surgery. Shriner's Hospital for Children. March 19, 2011. Chicago, Illinois.
 16. **Schierle CF.** Chicago Health 2.0 Health Technology Panelist. March 23, 2011. Chicago, Illinois.
 17. 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.
 18. **Schierle CF.** Innovations in transplantation: The Chicago experience. 27th Annual Meeting of the Association of Organ Procurement Organizations. June 15-18, 2010. Baltimore, Maryland.
 19. **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.
 20. **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.**
 21. **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.
 22. **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.
 23. 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.
 24. **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.
 25. **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.
 26. **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.
27. **Schierle CF**. Innovations in Transplantation. Gift of Hope Organ & Tissue Donor Network. October 7, 2009. Chicago, Illinois.
 28. **Schierle CF**. Composite Tissue Allotransplantation. Gift of Hope Organ & Tissue Donor Network. September 30, 2009. Elmhurst, Illinois.
 29. **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.**
 30. **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.**
 31. **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.
 32. **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.
 33. **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.
 34. **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.
 35. **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.
 36. **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.
 37. **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.
 38. **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.
 39. **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.

40. **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.
41. **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.
42. **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.
43. **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.
44. **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.
45. **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.
46. **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.
47. **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.
48. 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.
49. **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.
50. **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.
51. **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.**
52. **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.

53. **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.
54. **Schierle CF**. Minimally invasive procedures and patient safety. Northwestern Memorial Hospital. February 20, 2006. Chicago, Illinois.
55. **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.
56. **Schierle C** & Lieberman G (2003). Snowboarding Trauma. Beth Israel Deaconess Medical Center, Available at the BIDMC Medical Student Radiology Learning Lab web site: <http://cradiology.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 49789

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