

Curriculum Vitae
Loree Kathleen Kallinen, MD, MA, FACS

Business Address

LPG Plastic Surgery
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EDUCATION

Undergraduate	Michigan Technological University, BS, 1987
Medical School	University of Michigan, Medicine, MD, 1991
Advanced Degree	University of Minnesota, Philosophy, MA, 2012

POST-GRADUATE TRAINING

Residency	University of Iowa, General Surgery, 7/1/91-6/30/94
Research	University of Michigan, Muscle Mechanics Laboratory Mentor, W.M. Kuzon, MD, PhD, 7/1/94-6/30/96
Residency	University of Michigan, Plastic Surgery, 7/1/96-6/30/99
Fellowship	University of Virginia, Hand, 7/1/99 – 6/30/00

POSTGRADUATE HONORS AND AWARDS

1. American Society for Peripheral Nerve Scientific Award of Merit, 1996
2. Micrins Resident Clinical Research Award, Division of Plastic Surgery, University of Michigan, 1999
3. Recognition in Community Caregivers feature, *Minnesota Physician*, March 2012
4. *Minnesota Monthly*: “Best Doctors for Women”, 2007, 2012, 2013
5. *Minnesota Monthly*: “Top Doctors” 2014
6. *Minneapolis St. Paul Magazine* “Top Doctor” 2012, 2013, 2014, 2015
7. Folio “Eddie” award finalist for *PRS Women in Plastic Surgery* article series, 2017.
8. UNC Division of Plastic and Reconstructive Surgery Faculty Teaching Award, 2018.
9. UNC Department of Surgery Outstanding Resident Teaching Award (merit based, 3.8/4.0), 2018.

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

Certification	American Board of Plastic Surgery (Certificate #6388)	9/24/02-present
	Recertification 2011, valid until 12/31/24	
	Subspecialty of Surgery of the Hand	8/01/04-present
	American Board of Plastic Surgery	
	(Certificate #561)	
	Recertification 2011, valid until 12/31/24	

	Fellow, American College of Surgeons	10/2004-present
Certification (Other)	CITI Human Research training (ID 48422) CPR Recertification ACLS Certification	6/27/04-6/22/26 5/29/14 3/1/19
Licensure	Ohio Medical License, Minnesota Medical License, #46572 Wisconsin Medical License, #47060 New Zealand, #65119 North Carolina Medical License, #2015-02016 Rhode Island Medical License, #MD16486	9/2000-9/2004 5/15/04-12/13/15 6/24/04-10/31/15 Feb-May 2013 Nov 2014-March 2015 Jan-May 2016 Jan-May 2017 9/10/15-12/01/19 11/21/18-6/30/20

ACADEMIC APPOINTMENTS

Ohio State University , Columbus Department of Surgery, Division of Plastic Surgery Assistant Professor	2000-2004
University of Minnesota , Twin Cities Campus Department of Surgery, Division of Plastic Surgery Assistant Professor Associate Professor, Clinical Scholar Track	2004-2015 7/1/15
University of Minnesota , Twin Cities Campus Department of Orthopaedic Surgery Assistant Professor	2006-2015
University of North Carolina at Chapel Hill Department of Surgery, Division of Plastic Surgery Associate Professor	9/1/15 – 2/16/19
Brown University Department of Surgery Associate Professor of Surgery, Clinician Educator	7/1/19-6/30/24

Academic Administrative Appointments & Service

The University of North Carolina Plastic Surgery resident research advisor Medical student supervisor Faculty: Plastic Surgery (interviews, performance review, mentoring, didactic and clinical instruction)	2018-2019 2018-2019 2015-2019
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Regions Hospital/ HealthPartners

Program Director, HealthPartners Institute for Education and Research Hand Fellowship	2010-2015
Graduate Medical Education committee	2010-2015
Regions Research Roundtable, Founder and Co-Chair	2012-2014
Resident Research Discussion Group	2008

The University of Minnesota

Program Director, Department of Orthopaedic Surgery Hand Surgery Fellowship	2009-2010
Chair, Internal Site Review, Child & Adolescent Psychiatry Program	3/8/10
Faculty: Plastic Surgery (interviews, performance review, mentoring, didactic and clinical instruction)	2004-2015
Faculty: Orthopaedic Surgery (didactic and clinical instruction)	2004-2015

The Ohio State University

Institutional Review Board: Member	2002-2004
Vice Chair	2003-2004
Chair	2004
Ohio State University Faculty Council (Alternate)	2003-2004
OSUP Patient-First Subcommittee	2003
Department of Surgery Ad Hoc Committee Creation of Faculty Evaluation Form	2002
Surgical Education Committee	2002
Undergraduate Medical Education Committee	2001
Orthopaedic Chair Search Committee	2001
Faculty: Plastic Surgery (interviews, performance review, mentoring, didactic and clinical instruction)	2000-2004

HOSPITAL APPOINTMENTS

Ohio State University, Columbus, Ohio, active	2000-2004
Children's Hospital, Columbus, Ohio, active	2000-2004
Children's Hospital & Clinics Mpls/St Paul, active	2004-2015
Gillette Children's Specialty Healthcare, St. Paul, Minnesota, active	2004-2015
Regions Hospital, St. Paul, Minnesota, active	2004-2015
University of Minnesota, Minneapolis, Minnesota, active	2004-2015
Lakeview Hospital, Stillwater, Minnesota, active	2004-2015
HealthEast, St. Paul, Minnesota, active	2004-2015
United Hospital, St. Paul, Minnesota, active	2004-2015
Hutt Hospital, Lower Hutt, New Zealand, senior medical officer	02/13-05/13
	11/14-03/15
	01/16-04/16
	01/17-05/17
University of North Carolina, Chapel Hill, active	10/1/15-2/16/19
Rhode Island Hospital, Providence, Rhode Island, active	3/19
The Miriam Hospital, Providence, Rhode Island, active	3/19

OTHER APPOINTMENTS

HealthPartners Medical Group, Bloomington, MN

Consultant for professional statements on insurance coverage for hand transplantation, Xiaflex, Botox, bone stimulation, reduction mammoplasty, hyperbaric oxygen	2008-2015
American Academy of Orthopaedic Surgeons	
Peer Reviewer, Guideline for Distal Radius Fracture Management	2009
Peer Reviewer, Guideline for Carpal Tunnel Treatment	2010, 2011
Institute for Clinical Systems Improvement (ICSI), Bloomington, MN	
Co-Chair, Safe Site Invasive Procedure	
Non-Operating Room Protocol	2008-2009
Co-Chair, Venous Thromboembolism Prophylaxis	
Guideline Workgroup	2012
Alumni interviewer: University of Michigan Medical School	2013-2014
Prescription Drug Abuse Advisory Committee	
Professional Training Group. North Carolina Department of Health and Human Services	2016-2019

Editorships/Journal Reviewer Experience

Peer Reviewer

American Academy of Orthopaedic Surgeons	
Peer Reviewer, Guideline for Distal Radius Fracture Management	2009
Peer Reviewer, Guideline for Carpal Tunnel Treatment	2010, 2011
Natural Sciences and Engineering Research Council of Canada grant referee	2010, 2011
<i>Annals of Plastic Surgery</i>	2002-current
<i>Hand</i>	2008-current
<i>Plastic and Reconstructive Surgery</i>	2009-current
PRS-GO editorial board	2014-2018
<i>Journal of Hand Surgery</i> , American edition	2011-current
<i>New England Journal of Medicine</i>	2016-current
<i>Ophthalmic Plastic and Reconstructive Surgery</i>	2018-current
<i>British Medical Journal on-line</i>	2018-current

Publons report (4/12/19) Performed 25 reviews for journals including Plastic and Reconstructive Surgery and Plastic and Reconstructive Surgery - Global Open; placing in the 90th percentile for verified review contributions on Publons up until April 2019.

HOSPITAL COMMITTEES

The Ohio State University

Trauma Strategic Plan Advisory Committee	2001
OSUP Patient-First Subcommittee	2003

Regions Hospital

Ethics Committee member	2004- 2015
Epic Physician Workgroup	2004-2007
Lead: Division of Plastic/Hand Surgery	2004-2015
Animal Care and Use Committee	2005-2007
Best Practices Committee	2006-2008

Lead: Universal Protocol	
Participant in Order Set Steering Committee	
Reliability Centered Surgical Care Redesign Collaborative	2007-2008
Web Steering Committee	2008-2012
Marketing Taskforce	2008-2009
IV Access Team	2008-2009
Chief of Staff Elect, Regions Hospital	2008-2010
Member: Senior Leadership Team, Medical Executive Committee, Board Quality Committee, Quality Peer Review Committee	
Chair: Patient Care Committee	
Chair: quarterly faculty Town Hall meetings	
Chief of Staff, Regions Hospital	2010-2012
Chair: Medical Executive Committee	2010-2012
<i>Chief initiative:</i> Triple Aim Projects done by all physician groups at Regions	
Member, Regions Hospital Board	2010-2012
Organization-Wide Pain Management Initiative	2011- 2015
Lead: Surgical Services	2011-2015
Created protocol to standardize opioid prescriptions	2012
Chief of Staff Past, Regions Hospital	2012-2014
Park Nicollet HealthPartners Physician Council	2013- 2015
Regions Hospital Value Analysis Team	2014-2015
Surgeon Champion	
HPMG Peer Review Committee	2014

Hutt Hospital

Choosing Wisely Department Champion	2017
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University of North Carolina

Surgical Value Analysis Committee	2015- 2019
Division chair of quality and safety	2016-2019
Timely discharge subcommittee	2016-2017
Opioid Stewardship Committee	2017-2019
Medical Center Improvement Council	2017-2019
Service Line Leader, Plastic Surgery	2017-2019

Rhode Island Hospital

Pain Committee	2019
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UNIVERSITY COMMITTEES (excluding Schools of Medicine)

None

MEMBERSHIP IN SOCIETIES

American Association for Hand Surgery

Program Committee	2003
Research Grants Committee	2005-2008
AAHS Comprehensive Hand Surgery Review Course	
Acute Flexor and Extensor Tendon Injuries	2010, 2011
Soft Tissue Coverage in the Hands	2008
Finance Committee	2011-2013

AAHS Senior Director-at-Large (Board member)	2012-2014
Lean and Green Committee	2013-2015
Education Committee	2019-2022
AAHS Senior Director-at-Large (Board member)	2020-2022
American Association of Plastic Surgeons	
Issues committee	2015-current
American Board of Plastic Surgery	
Guest Examiner, Oral Examination	2008-2011
Senior Examiner, Oral Examination	2013- current
Board of Directors, ABPS	2015-current
2015-16 Committees: Hand Surgery Exam, MOC, Credentials, Oral Exam	
2016-17 Committees: Hand Surgery Exam, MOC, Credentials, Oral Exam, Joint Committee on Hand Surgery Education (ACS, AAOS, ABPS)	
2017-18 Committees: Hand Surgery Exam, MOC, Credentials, Oral Exam, Joint Committee on Hand Surgery Education (ACS, AAOS, ABPS)	
2018-19 Committees: Hand Surgery Exam, MOC, Credentials, Oral Exam, Joint Committee on Hand Surgery Education (ACS, AAOS, ABPS)	
2019-2020 Committees: Hand Surgery Exam, Continuous Certification (formerly MOC), Credentials, Oral Exam, Joint Committee on Hand Surgery Education (ACS, AAOS, ABPS)	
Historian	2018-current
Chair: Hand Surgery Education Committee	2019-current
Chair: Hand Surgery Advisory Committee	2019-current
Co-Chair: Combined hand surgery committee	2019-current
American Society for Peripheral Nerve	
Program Committee	2001-2004
Membership Committee	2003
Bylaws Committee	2004-2006
Board Member At Large	2007-2008
Time and Place Committee	2008-2009
Education Committee	2008-2009
Finance Committee	2010-2014
Program Committee	2010-2015
Plastic Surgery Educational Network section editor	2010-2011
By-Laws Committee	2018-2019
Grants Committee	2018-2019
American Society of Plastic Surgeons	
Women's Plastic Surgery Leadership Initiative	2005-2006
Pathways to Leadership	2006-2007
Health Policy Committee (Chair , 2009-2015)	2007-2017
Representative SQA committee	2012-2014
Clinical Evidence Based Committee	2008-2010
Clinical Trials Network	2010-2013
Government Affairs Committee	2010-2014
Plastic Surgery Educational Network	
Chair, Peripheral nerve subcommittee	2010-2011

TOPS committee member	2013-2015
Legislative Advocacy Committee: Regulatory Subcommittee	2014-2015
Professionalism Task Force (chair)	2014-2015
Editorial Board, PRS GO	2014-2018
PSF Visiting Professor	2015-2016
Women's Plastic Surgery Steering Committee	2012-2017
Legislative Advocacy Committee	2014-2017
Leadership Development Committee	2017-2018
Member	2010-2018
Vice Chair	2012-2013
Nominating Committee	2017-2018
Emerging Trends Subcommittee	2018-2019
TOPS Steering Committee	2018-2019
Coding and Payment Policy Subcommittee	2018-2020
Public Education Committee	2018-2020
American Society for Surgery of the Hand	
Leadership Development Program	2004
Government Affairs Committee	2005-2006
Young Member Leadership Task Force	2006-2007
Evidence Based Practice Committee	2006-2012
Ethics and Professionalism Committee	2008-2012
Diversity Committee	2008-2018
IC organizer (Workplace Diversity)	2015
Chair	2015-2018
MOC Co-chair	2016-2018
Practice Division Committee	2016-2018
MOC	2019-2020
Plastic Surgery Foundation	
Grant Review Study Section	'09, '10, '12, '14, '18, '19
Plastic Surgery Research Council	
Program Committee	2002-2006 2010-2015 2017-2020
<u>Society membership dates</u>	
American Society for Peripheral Nerve, Member, 2000	
Plastic Surgery Research Council, Member, 6/11/01	
American Society of Plastic Surgeons, Member, 10/28/03	
Plastic Surgery Foundation, Member, 10/28/03	
American College of Surgeons, Fellow, inducted 10/10/04	
American Association of Hand Surgeons, Member, 2004	
American Society for Surgery of the Hand, Member, 2005	
American Association of Plastic Surgeons, Member, 2008	

Association of Women Surgeons, Former Member
Association for Surgical Education, Former Member
Ohio State Medical Association, Former Member
Columbus Medical Association, Former Member
The Wound Healing Society, Former Member

PUBLICATIONS LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Brevetti LS, **Kalliainen LK**, Kimura K. A surgical technique that allows reuse of an existing venotomy site for multiple central venous catheterizations. *J Ped Surg*, 1996;31(7):939-940. PMID: 8811562
2. Chung KC, **Kalliainen LK**, Hayward RA. Type II (beta) Errors in the Hand Literature: The Importance of Power. *J Hand Surgery*, 1998 Jan;23(1):20-25. PMID: 9523949
3. **Kalliainen LK**, Cederna PS, Kuzon WM. Mechanical Function of Muscle Reinnervated by End to Side Neurotomy. *Plast Reconstr Surg*, 1999, 103(7):1919-1927. PMID: 10359254
4. **Kalliainen LK**, Hirshberg J, Marchant B, and Rees RS. Role of Platelet-Derived Growth Factor as an Adjunct to Surgery in the Management of Pressure Ulcers. *Plast Reconstr Surg*, 2000;106(6):1243-1248. PMID: 11083552
5. Cederna PS, **Kalliainen LK**, Urbanek MG, Rovak JM, Kuzon WM. "Donor" Muscle Structure and Function after End-to-Side Neurotomy. *Plast Reconstr Surg*, 2001 Mar; 107(3):789-796. PMID: 11310430
6. Urbanek MG, Picken EB, **Kalliainen LK**, Kuzon WM. The Specific Force Deficit in Skeletal Muscles of Old Rats is Partially Explained by the Existence of Denervated Muscle Fibers. *J Gerontol A Biol Sci Med Sci*. 2001 May;56(5):B191-197. PMID: 11320099
7. Watson NC, Jejurikar SS, **Kalliainen LK**, Calderon MS, Urbanek MG, Eguchi T, and Kuzon WM. Range of Motion Physiotherapy Reduces the Force Deficit in Antagonists to Denervated Rat Muscles. *Journal of Surgical Research*. 2001 Jul;99(1): 1-5. PMID: 11421618
8. Chung KC, **Kalliainen LK**, Spilson SV, Walters MR, Kim HM. The Prevalence of Negative Studies with Inadequate Statistical Power: An Analysis of the Plastic Surgery Literature. *Plast Reconstr Surg* 2002 Jan;109(1):1-6; discussion 7-8. PMID: 11786783
9. **Kalliainen LK**, Jejurikar SS, Liang LW, Urbanek MG, Kuzon WM Jr. A specific force deficit exists in skeletal muscle after partial denervation. *Muscle Nerve*. 2002 Jan;25(1):31-38. PMID: 11754182
10. **Kalliainen LK**, Gordillo GM, Schlanger R, Sen CK. Topical oxygen as an adjunct to wound healing: a clinical case series. *Pathophysiology*. 2003 Jan;9(2):81-87. PMID: 14567939
11. **Kalliainen LK**, Drake DB, Edgerton MT, Grzeskiewicz JL, Morgan RF. Surgical Management of the Hand in Freeman-Sheldon Syndrome. *Annals of Plastic Surgery*. 2003 May;50(5):456-462; discussion 463-470. PMID: 12792532
12. Culbertson TA, **Kalliainen LK**, Buchele BA; Tetanus and the Plastic Surgeon: Case Report of Tetanus in a Previously Immunized Patient. *Annals of Plastic Surgery*. 2004 Aug;53(2):162-165. PMID: 15269587
13. Zlowodzki M, Chan S, Bhandari M, **Kalliainen L**, Schubert W. Anterior transposition compared with simple decompression for treatment of cubital tunnel syndrome: A meta-analysis of randomized controlled trials. *J Bone Joint Surg Am*. 2007;89(12):2591-2598. PMID: 18056489
14. Wangenstein KJ, **Kalliainen LK**. Collagen tube conduits in peripheral nerve repair: a retrospective analysis. *Hand*. 2010 Sep;5(3):273. PMID: 19937145
15. Pannucci CJ, Bailey SH, Dreszer G, Fisher C, Zumsteg JW, Jaber RM, Hamill JB, Hume KM, Rubin JP, Neligan PC, **Kalliainen LK**, Hoxworth RE, Pusic AL, and Wilkins EG. Validation of the Caprini Risk Assessment Model in Plastic and Reconstructive Surgery Patients. *J Am Coll Surg*, 2011 Jan; 212(1):105-112. PMID: 21093314

16. Pannucci CJ, Dreszer G, Wachtman CF, Bailey SH, Portschy PR, Hamill JB, Hume KM, Hoxworth RE, Rubin JP, **Kalliainen LK**, Pusic AL, Wilkins EG. Post-operative enoxaparin prevents symptomatic venous thromboembolism in high-risk plastic surgery patients. *Plast Reconstr Surg*, 2011 Nov;128(5):1093-1103. (Recipient of the James Barrett Brown Award at the American Association of Plastic Surgery meeting, April, 2012). PMID: 22030491
17. Pannucci CJ, Wachtman CF, Dreszer G, Bailey SH, Portschy PR, Hamill JB, Hume KM, Hoxworth RE, **Kalliainen LK**, Rubin JP, Pusic AL, Wilkins EG. The effect of post-operative enoxaparin on risk for re-operative hematoma. *Plast Reconstr Surg* 2012 Jan;129(1):160-168. PMID: 21915085
18. VanHeest A, Kuzel B, Agel J, Putnam M, **Kalliainen L**, Fletcher J. Objective Structured Assessment of Technical Skill in Upper Extremity Surgery. *J Hand Surg* 2012;37A:332-337. PMID: 22281169.
19. Pannucci CJ, Barta RJ, Portschy PR, Dreszer G, Hoxworth RE, **Kalliainen LK**, Wilkins EG. Assessment of post-operative venous thromboembolism risk in plastic surgery patients using the 2005 and 2010 Caprini Risk Score. *Plast Reconstr Surg*. 2012 Aug;130(2):343-353. (Awarded the Leonard R. Rubin Best Paper at the American Association of Plastic Surgery meeting, April, 2012). PMID: 22495215
20. Sieber D, Lacey A, Fletcher J, **Kalliainen L**. Cost savings using minimal draping for routine hand procedures. *Minn Med*, 2014; 97(9):49. PMID: 25282773.
21. Stanek J, Renslow MA, **Kalliainen LK**. The effect of an educational program on opioid prescription patterns in hand surgery: a quality improvement program. *Journal of Hand Surgery* 2015 Feb;40(2):341-346. PMID 25542435
22. Bae GH, Lee AW, Park DJ, Maniwa K, Zurakowski D, ASSH Diversity Committee (Kang L, LaPorte DM, Lattanza LL, Ouellette EA, Zlotolow DA, Awan H, Ortiz JA, Pirela-Cruz MA, Pervaiz K, Rubin JA, Julien T, Dempsey A, Paksima N, Seidman G, Day CS, McKee DM, Evans JM, Wilson RH, VanHeest AE, Armstrong MB, **Kalliainen LK**) Day CS. Ethnic and gender diversity in hand surgery trainees. *J Hand Surg*, 2015 Apr;40(4):790-797. PMID: 25639841
23. Walbruch B, **Kalliainen L**. The optimization of peripheral nerve recovery using cortical reorganization techniques: A retrospective study of wrist level nerve repairs. *Journal of Hand Therapy*, 2015;28(4):341-346. PMID.26210903
24. Kumar A, **Kalliainen L**. Cleft Lip Surgical Intervention in Resource Constraint Settings: A Case Report. *Health*, 2016; 8(5): 472-478.
25. Furnas HJ, Johnson DJ, Bajaj AK, **Kalliainen L**, Rohrich RJ. Women and men in plastic surgery: how they differ and why it matters. *Plast Reconstr Surg*, 2016;138(3):743-745. PMID: 27556610
26. McCue J, **Kalliainen LK**. Use of a purse-string suture to reduce skin graft requirements. *Annals of Surgical Oncology*. 2018;25(2):471-474. PMID: 29204775
27. **Kalliainen LK**, Wisecarver I, Cummings A, Stone J. Sex bias in hand surgery research. *J Hand Surg Am*, 2018;43(11):1026-1029. PMID: 29703685.
28. Furnas HJ, Garza RM, Li AY, Johnson DJ, Bajaj AK, **Kalliainen LK**, Weston JS, Song DH, Chung KC, Rohrich RJ. Gender differences in the professional and personal lives of plastic surgeons. *Plast Reconstr Surg*, 2018;142(1):252-264. PMID 29952905.
29. Nayyar A, Jadi J, Garimella R, Elkins-Williams ST, Gallagher KK, **Kalliainen LK**, Hultman CS, Wu C. *Aesthet Surg J*, 2018; doi: 10.1093/asj/sjy283. [Epub ahead of print]. PMID: 30239573.
30. Furnas HJ, Li AY, Garza RM, Johnson DJ, Bajaj AK, **Kalliainen LK**, Weston JS, Song DH, Chung KC, Rohrich RJ. An analysis of differences in the number of children for female and male plastic surgeons. *Plast Reconstr Surg*, 2019;143(1):315-326. PMID: 30589810
31. Akhavan AA, Ndem IE, **Kalliainen LK**. Social media and the dissemination of pre-publication data in surgical fields, *Plast Reconstr Surg-GO*, 2019;7(6):e2311. PMID: 31624692
32. Zhong S, Reed GE, **Kalliainen LK**. Upper Extremity Surgery in Tetraplegia and the Online Information Void. *Hand*, 2019 Oct 16. PMID: 31617411.

33. Boyajian MK, Bhatt R, Crozier JW, Kalliainen LK, Woo AS. Three-dimensional printed flexor tendon repair simulator promotes medical student surgical interest. *J Contemp Med Ed* (accepted 9/18/19).

OTHER PEER-REVIEWED PUBLICATIONS

1. **Kalliainen LK**, Schubert W. The management of web space contractures. *Clin Plast Surg*. 2005; 32(4):503-514, vi. Review. PMID: 16139624
2. **Kalliainen, LK**. Supporting facial transplantation with the pillars of bioethics. *Journal of Reconstructive Microsurgery*, 2010 Oct;26(8):547-554. PMID: 20683814
3. **Kalliainen LK**, Lichtman D. Current Issues in the Physician-Patient Relationship. *J Hand Surg Am*. 2010;35(12);2126-2129. PMID: 20709469
4. **Kalliainen LK**. Current trends in hand surgery. *Minn Med*. 2012;95(6):36-40. PMID: 22866498.
5. **Kalliainen LK**, ASPS Health Policy Committee. ASPS Clinical Practice Guideline Summary on Reduction Mammoplasty. *Plast Reconstr Surg*. 2012; 130(4): 785-789. PMID: 23018692
6. **Kalliainen LK**, O'Brien VH. Current Uses of Botulinum Toxin A as an Adjunct to Hand Therapy Interventions of Hand Conditions. *Journal of Hand Therapy*, 2014;27(2):85-94; quiz 95. PMID: 24524884
7. Vastine V, Phillips L, Rowen S, Pike S, Scheer J, Taylor A, Kennedy E, Damitz L, **Kalliainen L**. The importance of linguistics and science when addressing the social issues of residents. Letter to the editor. *Plast Reconstr Surg*. 2016;137(2):488e-489e. PMID: 26818353
8. Phillips N, Tannan S, **Kalliainen LK**. Understanding and overcoming implicit gender bias in surgery. *Plast Reconstr Surg* 2016;138(5):1111-1116. PMID: 27391836
9. Hermiz SJ, **Kalliainen LK**. Evidence-Based Medicine: Current evidence in the diagnosis and management of carpal tunnel syndrome. *Plast Reconstr Surg* 2017;140(1):120e-129e. PMID: 28654613
10. Eberlin KR, Perdakis G, Damitz L, Krochmal DJ, **Kalliainen LK**, Bonawitz SC; ASPS Health Policy Committee. Electronic Communication in Plastic Surgery: Guiding Principles from the American Society of Plastic Surgeons Health Policy Committee. *Plast Reconstr Surg*. 2018;141(2):500-505. PMID: 29370003
11. Shah AR, Haws MJ, **Kalliainen LK**. Factors Affecting Women's Success in Academic and Private Practice Plastic Surgery. *Plast Reconstr Surg*. 2018;141(4):1063-1070. PMID: 29595742

BOOKS AND BOOK CHAPTERS

1. **Kalliainen LK**, Schubert W. The Management of Web Space Contractures. *Clin Plastic Surg*, 2005;32:503-514.
2. **Kalliainen, LK**. Salient Healing Features of Muscles of the Face and Neck, pp 66-82. In: Hom D, Friedman CD, Hebda PA, Gosain A (eds). *Essential Tissue Healing of the Face and Neck*. BC Decker, Ontario, 2008
3. **Kalliainen, LK**. Techniques for Treating Finger Infections, pp 209-218. In: Chung KC, editor. *Hand and Upper Extremity Reconstruction*. Elsevier, New York, NY, 2009.
4. **Kalliainen, LK**. Non-operative options for the management of carpal tunnel syndrome. In: Duncan SFM, Kakinoki R, eds. *Carpal Tunnel Syndrome and Related Median Neuropathies: Challenges and Complications*. Springer International Publishing AG, 2016.
5. **Kalliainen LK**, Ericson WB. Management of compressive neuropathies of the upper extremity. In: Chung KCC ed. *Grabb and Smith's Plastic Surgery*, 8th ed. Wolters Kluwer, 2018.

OTHER NON-PEER REVIEWED PUBLICATIONS

1. **Kalliainen LK.** Index Finger Pollicization for Congenital Absence of the Thumb. Columbus Children's Hospital Surgical Scene. Spring 2003, 3(1):1-2.
2. **Kalliainen LK.** Invited book review, Hand Pearls, MJ Concannon, J Hurov, eds, 2002. *Annals of Plastic Surgery.* 50(4):439, 2003.
3. **Kalliainen LK.** What's in a word? An argument against patient as "customer". *Minnesota Physician,* 24(7):1, 2010.
4. **Kalliainen LK.** What's in a word? An argument against patient as "customer". *Minnesota Health Care News,* 9(5):24, 2011.
5. **Kalliainen LK.** Current Trends in Hand Surgery. *Minn Med,* 2012;95(6):36-40.
6. **Kalliainen LK.** Survey reveals specialty's professionalism issues. *Plastic Surgery News,* Sept 2014, p.9.
7. Alderman AK, **Kalliainen LK.** Discussion: Comparative Analysis of 18-Month Outcomes and Costs of Breast Reconstruction Flap Procedures. *Plast Reconstr Surg* 2014;133(3):480. PMID: 24572841
8. **Kalliainen LK,** McKinney Z. The use of a Best Practice Alert in the electronic health record following peripheral nerve repair. ASPN Spring Newsletter, Vol 5, Issue 1, 2015.
9. **Kalliainen LK.** Cough and breathe: tips for injections. ASSH Correspondence News. October, 2016. <https://www.assh.org/Hand-e/Practice-Management-Tools/ASSH-Newsletters/Correspondence-News/Details/ArticleID/51429/Cough-and-Breathe-Tips-for-Injections>.
10. **Kalliainen LK,** Hermiz SJ. Reply: Evidence-based medicine: current evidence in the diagnosis and management of carpal tunnel syndrome. *Plast Reconstr Surg,* 2018;142(1):99e-100e. PMID: 29659458.
11. **Kalliainen LK.** How can plastic surgeons help treat thumb arthritis? ASPS Ask a surgeon Blog. 10/29/19. <https://www.plasticsurgery.org/news/blog/how-can-plastic-surgeons-help-treat-thumb-arthritis>

CORPORATE AUTHORSHIP OR MULTICENTER TRIALS

1. WRIST Study Group: Chung KC, Kim HM, Haase SC, Lawton J, Ozer K, Waljee JF, Nellans K, Malay S, Shauver MJ; (HealthPartners Institute for Education and Research – **Kalliainen L,** Fletcher J, Heinrich C, Ward C, Hill BW). Reflections 1 Year into the 21-Center NIH-funded WRIST Study: a primer on conducting a multicenter clinical trial. *J Hand Surg* 2013;38(6):1194-1201. Erratum in *J Hand Surg Am,* 2013;38(8):1662. PMID: 23608306. **SITE PI**
2. Chung KC, Malay S, Shauver MJ, Kim HM, WRIST Study Group. Assessment of distal radius fracture complications among adults 60 years or older: a secondary analysis of the WRIST randomized clinical trial. *JAMA Network Open,* 2019;2(1):e187053. doi:10.1001/jamanetworkopen.2018.7053 **SITE PI**
3. Chung KC, Malay S, Shauver MJ; Wrist and Radius Injury Surgical Trial Group. The relationship between hand therapy and long-term outcomes after distal radius fracture in older adults: evidence from the randomized wrist and radius injury surgical trial. *Plast Reconstr Surg,* 2019;144(2):230e-237e. PMID: 31348349. **SITE PI**
4. Chung KC, Kim HM, Malay S, Shauver MJ; WRIST Group. Predicting Outcomes after distal radius fracture: a 24-center international clinical trial of older adults. *J Hand Surg Am,* 2019;44(9):762-771. PMID: 31345563 **SITE PI**
5. Chung KC, Sasor SE, Speth KA, Want L, Shauver MJ; WRIST Group. Patient satisfaction after treatment of distal radial fractures in older adults. *J Hand Surg Eur Vol,* 2019 Oct 4. PMID: 31584341 **SITE PI**

6. Chung KC, Malay S, Shauver MJ; Wrist and Radius Injury Surgical Trial Group. The complexity of conducting a multicenter clinical trial: taking it to the next level stipulated by the federal agencies. *Plast Reconstr Surg*, 2019;144(6):1095e-1103e. PMID: 31764675 **SITE PI**

PUBLICATIONS SUBMITTED OR IN PREPARATION

1. The management of compressive neuropathies of the upper extremity in children with Hunter syndrome. In preparation.
2. The use of dexmedetomidine in conjunction with peripheral nerve surgery. In preparation

ABSTRACTS

1. **Kallainen LK** and Kuzon WM. Abstract. Reinnervating Skeletal Muscle Using Termino-Lateral Neurography. *Can J Plast Surg*, 1996;4(1):25.
2. **Kallainen LK** and Kuzon WM. Abstract. Specific Force Deficit in Skeletal Muscle Reinnervated by End-to-End Nerve Coaptation. *Can J Plast Surg*, 1996;4(1);41.

SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

PEER-REVIEWED

1. White, L.M., Roy, S., Gordillo, G.M., **Kallainen, L.K.**, Melvin, W.S., Ellison, E.C., Sen, C.K., Wound Healing and Regeneration, in *Physiology and Maintenance*, edited by Osmo Hanninen, in *Encyclopedia of Life Support Systems (EOLSS)*, EOLSS Publishers, Oxford, UK, 2003. [http://www.eolss.net]

NON-PEER-REVIEWED

1. **Kallainen LK**. Plastic Surgery Educational Network (PSEN): Techniques video: How to block a wrist.
2. **Kallainen LK**. PRSJournals.com Video Discussion. Dupuytren Disease in the Hispanic Population: a 10-year retrospective review. Uploaded 10/31/11. <https://www.youtube.com/watch?v=NQogSH2BAK0>
3. Jobin S, **Kallainen L**, Adebayo L, Agarwal Z, Card R, Christie B, Haland T, Hartmark M, Johnson P, Kang M, Lindvall B, Mohsin S, Morton C. Institute for Clinical Systems Improvement. Venous Thromboembolism Prophylaxis. <http://big.ly/VTEProphy1112>. Updated November 2012.
4. Kerrigan C, **Kallainen LK**, Warhold L, LaLonde D. Options Grid Work Group (ad hoc committee to create Options Grids for physician-patient communication) (www.optiongrid.org). Carpal Tunnel Syndrome, Trigger Finger, Dupuytren's Contracture. 2012-2013.
5. **Kallainen LK**, Dries D. Curbside consultation: management of facial lacerations. *Trauma Education: The Next Generation*. St. Paul, MN. September 5, 2013.
6. **Kallainen LK**, Ward C. Basilar Arthritis: HealthPartners Institute for Education and Research. Bloomington, MN. 2013
7. **Kallainen LK**, Nelson, J. Curbside consults: Management of acute hand trauma for the emergency physician. Regions Hospital, St. Paul, MN. January 30, 2014.
8. **Kallainen LK**. The effectiveness of an educational assist device in standardizing opioid prescriptions in hand surgery. HealthPartners Institute for Education and Research. Bloomington, MN. 2014. <https://www.youtube.com/watch?v=OuIFPki6h0E>
9. **Kallainen LK**. Management of postsurgical pain in the opioid epidemic era. *Women in Plastic Surgery Webinar*. 4 June 2015.
10. **Kallainen LK**. Hand and Wrist Fractures. Audio + PPT. *Plastic and Reconstructive Surgery – A Comprehensive Review*. Directed by DP Orgill, MD. Ebix, Inc. DBA Oakstone Pub. September 12, 2016.

11. **Kalliainen LK.** The effectiveness of an educational assist device in standardizing opioid prescriptions in hand surgery. Presented and filmed at UNC, Chapel Hill, NC, on 8/14/17, to help providers meet NC Medical Board Controlled Substances CME requirements.
12. Shah AS, Haws M, **Kalliainen LK.** #PRSJournalClub. Online discussion via Face Book on Factors affecting women's success in academic and private practice. *Plast Reconstr Surg*, 2018; 141(4):1063-1070. 4/22/18.
13. Furnas HJ, Li AY, Garza RM, Johnson DJ, Bajaj AK, **Kalliainen LK**, Weston JS, Song DH, Chung KC, Rohrich RJ. #PRSJournalClub. Online discussion via Face Book on "Analysis of number of children for female and male plastic surgeons." *Plast Reconstr Surg*, 2019;143(1):315-326. 1/27/19.

INVITED PRESENTATIONS

INTERNATIONAL

1. Kalliainen LK. Management of congenital differences of the thumb. Asociation Guatemalteca de Cirugia de la Mano. Guatemala City, Guatemala, 2/4/05.
2. Kalliainen, LK. Acute Flexor and Extensor Tendon Injuries. AAHS Comprehensive Hand Surgery Review Course, Ritz Carlton Hotel, Cancun, Mexico, 1/14/11.
3. Kalliainen LK. Guest Professor, Egyptian Society for Surgery of the Hand and Microsurgery, 8th annual meeting. Cairo, Egypt, 4/23-25/15.
4. Kalliainen LK. Choosing Wisely, Plastic Surgery Academic Programme, Hutt Hospital, Lower Hutt, New Zealand, 3/24/17.
5. Kalliainen LK. Guest Professor, Basics of Hand Surgery, Fundamentals of Plastic Surgery Study Day, Hutt Hospital, Lower Hutt, New Zealand, 3/31/17.

NATIONAL

1. Kalliainen, LK. Soft Tissue Coverage in the Hands. AAHS Comprehensive Hand Surgery Review Course, Beverly Hills, CA, 1/10/08.
2. Kalliainen, LK. Acute Flexor and Extensor Tendon Injuries. AAHS Comprehensive Hand Surgery Review Course, Boca Raton, FL, 1/8/10.
3. Kalliainen LK. (IC) Making Carpal Tunnel Simpler: things to do and not to do. AAHS Annual meeting, Kauai, HI. 1/10/14.
4. Kalliainen LK. (IC) Repairing the Nerve Gap: Autograft, Allograft, Neural Tube - Indications & Contraindications. The use of nerve conduits. ASPN Annual meeting, Kauai, HI, 1/12/14.
5. Kalliainen LK, Nelson DL, Ring D, Gurman A, Rodgers J. (IC) Managing Surgical Pain in the Opioid Epidemic Era. AAOS, New Orleans, LA. 3/11/14.
6. Kalliainen LK, Nelson DL, Gurman A, Rodgers J. (IC) Managing Surgical Pain in the Opioid Epidemic Era. ASSH, Boston, MA, 9/19/14.
7. Kalliainen LK., Dempsey AL, Seidman GD, Kang L, Awan AM. IC 49: How Diversity Can Improve and Enhance Your Practice. ASSH, Seattle, WA, 9/12/15.
8. Kalliainen LK. Bajaj A. Professionalism in Practice. Senior Resident Day. ASPS annual meeting, Boston, MA, 10/15/15.
9. Kalliainen LK. Professionalism in Practice. Medical Student Day. ASPS annual meeting, Boston, MA, 10/17/15.
10. Kalliainen LK. Bajaj A. Professionalism in Practice. Senior Resident Day. ASPS annual meeting, Los Angeles, CA, 9/22/16.
11. Kalliainen LK. ASSH Pre-Course. In Service to Others: Preparing and Delivering Care in Austere Environments. "Lions & Tigers & Viruses & Snakes & "Water" (Stuff that can get you-and your patients)". Austin, TX, 9/28/16.

12. Kalliainen LK. ASSH MOC IC. IC21: An Evidence-based Update on the Diagnosis and Management of Carpal Tunnel Syndrome. Austin, TX, 9/30/16.
13. Kalliainen LK. ASSH Volunteer Luncheon Invited Speaker. Planning a service trip: tips for the novice. Austin, TX, 9/30/16.
14. Kalliainen LK, Rodgers JA, Lifchez SD, Nelson DL, Tagil M. ASSH SYM 13. The Opioid Epidemic: Strategies to Reduce Narcotic Use While Controlling Pain in Diverse Practice Environments. Large Practice Opioid Program: How to Do It, Two Year Results. San Francisco, CA, 9/9/17.
15. Kalliainen LK. ASSH IC 11: Culturally Competent Care. Introduction, Diversity and P4P, and Assessing Diversity in Any Situation. San Francisco, CA, 9/7/17.
16. Kalliainen LK. ASPS Annual Meeting. Iron Surgeon Competition. Better Opioid Prescription Practices. Orlando, FL, 10/8/17.
17. Kalliainen LK. ASPN Panel: MOC Carpal Tunnel Surgery. Palm Springs, CA, 2/1/19.
18. Kalliainen LK. ASRM Panel: Reinventing Yourself. Palm Springs, CA, 2/4/19.
19. Kalliainen LK ASSH SYM 12. The Chronic Pain Patient: how to control their pain while minimizing their pain medication. Panel presentation in Opioid Epidemic: Everyone's Epidemic. Las Vegas, NV. 9/7/19.
20. Kalliainen LK. ASPS Annual Meeting. Decreasing Opioid Use Panel. Management of postoperative pain among opioid exposed patients, patients with chronic pain and pain disorders. San Diego, CA. 10/21/19.

REGIONAL/LOCAL

1. Victor C. Vaughan and his impact on medical education at the University of Michigan. Presented to the Victor C. Vaughan Society, Ann Arbor, MI, 5/5/97.
2. Columbus Children's Hospital Lounge and Learn ("Pediatric Hand Problems") 5/11/01
3. Pediatric Surgery Residents and Fellows ("Hand Emergencies and Anomalies") 7/13/01, 4/26/02, 5/28/04
4. Norwich Township Fire Department EMTs and RNs ("Traumatic Hand Injuries") 8/28/01
5. Bethesda Hospital, Zanesville, OH ("Management of Hand Trauma") 3/27/02
6. Columbus Fire Department, Columbus, OH ("Management of Hand Trauma") 10/17/02
7. MedCentral Health System, Mansfield, OH ("Hand Amputation and Reattachment of the Upper Extremity") 3/23/03
8. Pediatric Education Conference, HealthPartners, "Congenital Hand Anomalies", 12/17/04.
9. An IRB Primer. University of Minnesota Department of Orthopaedic Surgery Grand Rounds, 2005.
10. Regions Emergency Medicine Department: "Management of Hand Trauma", 2005
11. HealthPartners 18th Annual Burn & Wound Care Today Conference ("Management of the Burned Hand:"), Minneapolis, MN, 2/17/06
12. The Ethics of Care: Why Should We Measure Outcomes? James House Visiting Professorship in Surgery of the Hand, Minneapolis, MN, 4/12-13/07.
13. Thumb amputation and replantation. The Thumb Demystified: A one day course for O.T.s and P.T.s. St. Louis Park, MN, 4/21/07.
14. Worker's compensation status as a relative contraindication to carpal tunnel release. Dingman Research Conference, Ann Arbor, MI, 6/9/07.
15. The Ethics of Care: Why Should We Measure Outcomes? Dingman Research Conference, Ann Arbor, MI, 6/9/07.
16. An Introduction to the IRB: a primer for residents. University of Minnesota Plastic Surgery Grand Rounds, Regions Hospital, St. Paul, MN, 8/15/07.

17. Kalliainen LK, Walbruch, B. Hand Surgery and Occupational Therapy in Developing Nations. Surgical Teams To Developing Nations Conference, St. Paul, MN, 2/9/08.
18. The Epistemic Surgeon; The Ethics of Evidence Based Medicine. Visiting Professor, The University of Michigan Division of Plastic Surgery. Ann Arbor, MI, 3/26-27/08.
19. Panel: Kalliainen LK, Switzer J, Vareka T. Management of Distal Radius Fractures in the Elderly. 3rd Annual Geriatric Trauma Summit, Regions Hospital and the University of Minnesota, St. Paul, MN, 10/9/08.
20. Creativity, EBM, and Hand Surgery. Dingman Society, Ann Arbor, MI, 6/5/09.
21. Kalliainen, LK. Johnson, B. Panel: The Current Status of Health Care Reform. Department of Philosophy Reunion, University of Minnesota, Minneapolis, MN, 10/17/09.
22. Internal Medicine Grand Rounds, Regions Hospital. "What Internists Should Know about Hand Surgery". St. Paul, MN, 5/19/10
23. Selective Denervation as a Treatment for Chronic Pain following Knee and Ankle Surgery. University of Minnesota Grand Rounds, Minneapolis, MN, 9/17/10.
24. Key Considerations in the Management of Acute Hand Trauma. Meeting of East Metro OR Nurses, St. Paul, MN, 9/20/10.
25. Evaluation of the Hand. 28th Annual Strategies in Primary Care Medicine, Minneapolis, MN, 9/23/10.
26. Planning your career path. Visiting Professor. University of Virginia Department of Plastic Surgery. 4/20/11.
27. Tendon injuries in the athlete: treatment and therapy. James House MD Lectureship, University of Minnesota, Minneapolis, MN, 5/4/12.
28. Indications for Adjunctive Tests in the Evaluation of Disorders of the Hand and Wrist. HealthPartners Occupational Medicine Grand Rounds, St. Paul, MN, 7/18/12.
29. Orthopaedic Surgery Core Curriculum Review. University of Minnesota, Minneapolis, MN, 8/3/12.
30. Nerve transfers in the upper extremities in patients with spinal cord injuries. Regions Hospital Spine Conference. 8/21/12.
31. Planning your first service trip. 4th Annual Ruberg Symposium. Columbus, OH, 9/7/12.
32. Ethics of Evidence Based Medicine. 4th Annual Ruberg Symposium. Columbus, OH, 9/7/12.
33. Acute Management of Injuries of the Hand/Wrist: Key Elements of Initial Care. Emergency Medicine and Trauma Update: Beyond the Golden Hour, St. Paul, MN, 11/15/12.
34. Kalliainen LK, Switzer, J, Ward C. (Panel) Management of Distal Radius Fractures in the Elderly. Annual Geriatric Fracture Conference, St. Paul Hotel, St. Paul, MN, 11/29/12.
35. Development of a postoperative narcotic prescription plan: a QI study. Combined Orthopaedic/Plastic Surgery Hand Conference, Regions Hospital, St. Paul, MN, 1/8/13.
36. Replantation and flap coverage of the hand. Combined hand conference, Regions Hospital, St. Paul, MN. 7/9/13.
37. A Tale of Two Medical Systems: Comparing Hutt Hospital, New Zealand, to Regions. Regions Operating Room In-service. St. Paul, MN, 8/14/13.
38. Update on WRIST study. Hand Conference. Regions Hospital, St. Paul, MN, 11/12/13.
39. Carpal and Cubital Tunnel syndromes. Hand Conference. Regions Hospital, St. Paul, MN, 2/5/14.
40. Hand Emergencies and Urgencies. United Family Medicine Noon Conference, St. Paul, MN, 2/6/14.
41. Carpal Instability. Quarterly Hand Symposium. Regions Hospital, St. Paul, MN, 2/26/14.
42. Management of postsurgical pain in the opioid epidemic era.

Regions Hospital Department of Urology	3/18/14
Minnesota Surgical Society	4/14/14
Regions Hospital Department of General Surgery	5/17/14
Regions Hospital Patient Care Committee	5/19/14
Regions Hospital Department of Obstetrics/Gynecology	5/21/14

- Regions Hospital Department of ENT 6/10/14
Stillwater Medical Group 6/11/14
Regions Hospital Medical Executive Committee 7/07/14
Regions Hospital Department of Orthopaedic Surgery 7/09/14
HealthPartners Dental Group 9/25/14
U of Minnesota Adjunct Faculty Appreciation Dinner 10/23/14
43. Orthopaedic Surgery Core Curriculum Review (Infection, Compartment Syndrome, and Burns). University of Minnesota, Minneapolis, MN, 8/29/14
 44. Defining acuity and operative indications in hand trauma. Hutt Hospital Operating Room Conference, Lower Hutt, New Zealand. Nov 2014.
 45. Hutt Hospital weekly resident case conferences (focusing on wrist trauma, nerve transfers, pain management), 12/1/14-2/18/15
 46. Cortical reorganization protocol following nerve injury. Regional hand therapy quarterly meeting, Hutt Hospital, Lower Hutt, New Zealand. 2/19/15.
 47. Adult Brachial Plexus. Regions Hand Conference. 5/6/15.
 48. Controversies in Carpal Tunnel Surgery. University of Minnesota Hand Surgery Conference. 5/7/15.
 49. Controversies in Carpal Tunnel Surgery. Occupational Medicine Resident Conference. St. Paul, MN. 5/20/15.
 50. Peripheral nerve anatomy, physiology, injury, repair. UNC Orthopaedic Surgery Core Curriculum. Chapel Hill, NC. 9/28/15.
 51. Cortical remodeling protocol. UNC Lunch-and-Learn, Hand Therapy. 10/2/15.
 52. Evaluation of the Traumatized Hand. UNC General Surgery Teaching. 10/6/15
 53. Translating Evidence into Practice and Managing Postoperative Pain in the Opioid Epidemic Era. Plastic Surgery Foundation Visiting Professor. Virginia Association of Plastic Surgeons. Richmond, VA, 11/6/15.
 54. Pain management in the extremities using selective denervation. UNC Anesthesia Pain Team. 12/8/15.
 55. Managing postoperative pain in the opioid epidemic era AND Emergencies and Urgent Conditions in the Hand. UNC Ambulatory Care Center PACU and Nursing Staff, 12/9/15.
 56. Hand Conditions for Primary Care Physicians, Hutt Hospital, Lower Hutt, New Zealand. 2/29/16.
 57. Translating Evidence into Practice. Hutt Hospital, Lower Hutt, New Zealand.
 - a. Medical specialists: 2/10/16
 - b. Department of Plastic Surgery: 2/26/16
 - c. Primary Care physicians: 2/29/16
 - d. Clinical Heads of Departments: 3/16/16
 58. Managing postoperative pain in the opioid epidemic era. UNC Ambulatory Care Center Staff, 4/13/16.
 59. Selective denervation of the upper extremity. Massachusetts General Grand Rounds (PSF Visiting Professor). Boston, MA. 4/21/16.
 60. Selective denervation of the lower extremity. UNC Orthopaedic Surgery Grand Rounds. Chapel Hill, NC. 4/27/16.
 61. Controversies around carpal tunnel syndrome. UNC Combined Hand Conference. Chapel Hill, NC. 5/10/16
 62. Targeted Muscle Reinnervation. UNC Department of Physical Medicine and Rehabilitation. Chapel Hill, NC. 5/18/16.
 63. Selective Denervation of the Upper Extremity. Houston Society of Plastic Surgery, Houston, TX. 5/19/16.
 64. Targeted Muscle Reinnervation, MD Anderson Visiting Professor, Houston, TX. 5/20/16.
 65. Ohio State University. Plastic Surgery Foundation Visiting Professor. 5/27/16
 - a. Nerve Transfers in the Upper Extremity,

- b. Cortical Remodeling,
 - c. Use of Best Practice Alerts in the Electronic Health Record to Improve Patient Follow-up,
 - d. Anxiety Reduction in Wide-Awake Carpal Tunnel Surgery,
 - e. Selective Denervation for Management of Chronic Pain in the Extremities.
66. Translating Evidence into Practice. Kansas City Society of Plastic Surgeons, Kansas City, KS. 6/9/16.
 67. Selective Denervation for treatment of Chronic Pain. University of Kansas Visiting Professor. Kansas City, KS. 6/10/16.
 68. Soft tissue coverage of the scarred hand. UNC Combined Hand Conference. Chapel Hill, NC. 6/14/16.
 69. Neural prosthesis control based on muscle/skin targeted muscle reinnervation. (with Helen Huang, PhD), UNC General Surgery Grand Rounds. Chapel Hill, NC. 6/22/16.
 70. Managing postoperative pain in the opioid epidemic era. UNC Hillsborough PACU nurses. Hillsborough, NC. 6/29/16.
 71. Selective Denervation for treatment of Chronic Pain. (with Lynn Damitz, MD) UNC General Surgery Grand Rounds. Chapel Hill, NC. 8/17/16.
 72. Adventures in Practice Evolution. UNC General Surgery Grand Rounds. Chapel Hill, NC. 9/21/16.
 73. Managing postoperative pain in the opioid epidemic era. UNC AORN meeting. Chapel Hill, NC. 10/10/16.
 74. Adult Brachial Plexus: current concepts in management. UNC Department of Physical Medicine and Rehabilitation. Chapel Hill, NC. 10/19/16.
 75. Managing postoperative pain in the opioid epidemic era. PDAAC (Prescription Drug Abuse Advisory Council) quarterly meeting, Raleigh, NC. 12/19/16.
 76. Basics of Hand Surgery. Fundamentals of Plastic Surgery Conference. Hutt Hospital. Lower Hutt, NZ. 3/31/17.
 77. Managing postoperative pain in the opioid epidemic era. UNC Urology Grand Rounds, Chapel Hill, NC. 6/7/17.
 78. Targeted Muscle Reinnervation. CSOEMA 2017 Fall Seminar, Minneapolis, MN. 9/23/17.
 79. Embracing Big Data: using NSQIP to achieve patient-centered outcomes. (co-presented with William Adamson, MD) UNC General Surgery Grand Rounds. Chapel Hill, NC. 10/11/17
 80. Top 10 Hand Conditions to Know. UNC Family Medicine Teaching Conference, Chapel Hill. NC. 12/20/17.
 81. Targeted Muscle Reinnervation. Visiting Professor, Vanderbilt Plastic Surgery, Nashville, TN. 1/15/18.
 82. Selective Denervation for treatment of Chronic Pain. (with Lynn Damitz, MD) UNC General Family Medicine Grand Rounds. Chapel Hill, NC. 3/14/18.
 83. Selective Denervation for Treatment of Chronic Pain. UNC CPRI (Center for Pain Research and Innovation) Seminar, School of Dentistry. Chapel Hill, NC. 4/20/18
 84. Controlled Substance Prescribing: What Every WakeMed Provider Needs to Know. (Panel: W Bradford, L Kalliainen, S Prakken, C Klaess) Wake Area Health Education Center, William F. Andrews Center, Raleigh, NC. 5/2/18.
 85. Selective Denervation for the Treatment of Chronic Pain. Visiting Professor, UVA, Charlottesville, VA. 5/7/18.
 86. The use of dexmedetomidine as a component of multimodal pain management in hand and peripheral nerve surgery. Visiting Professor, Brown University. Providence, RI. 9/25/18.
 87. The use of a cortical remodeling protocol after nerve injury. University Orthopedics Hand Therapists, East Providence, RI, 3/12/19.
 88. The use of a cortical remodeling protocol after nerve injury. Lifespan Occupational and Physical Therapists, Providence, RI, 3/21/19.

89. Selective Denervation for the Management of Post-surgical Pain. Department of Surgery Grand Rounds, Brown University. Providence, RI. 4/23/19.

ORAL RESEARCH PRESENTATIONS AT PROFESSIONAL MEETINGS (PEER-REVIEWED)

1. **Kalliainen LK**, Kealey GP, Saffle JR, Hunt J, Szyfelbein SK, Luterman A, and Purdue G. Prospective Comparison of Intravenous Morphine and Oral Continuous Release Morphine in Burn Patients. 9th Congress of the International Society for Burn Injuries, Paris, France, 6/27-7/1/94.
2. **Kalliainen LK**, Chang P, Laubenthal KN, Lewis RW 2nd, Rosenquist MD, Lindley-Smith P, and Kealey GP. A Prospective, Randomized Study of the Efficacy of Pressure Garment Therapy in Burn Patients. 9th Congress of the International Society for Burn Injuries, Paris, France, 6/27-7/1/94.
3. **Kalliainen LK** and Kimura K. Gastroschisis: Reappraisal of Treatment and Options. Canadian Association of Pediatric Surgeons, Toronto, Canada, 9/04.
4. **Kalliainen LK** and Kuzon WM. Specific Force Deficit in Partially Denervated Skeletal Muscle. American Society for Peripheral Nerve, 5th Annual Meeting, Montreal, Quebec, Canada, 10/5-7/95.
5. **Kalliainen LK** and Kuzon WM. Specific Force Deficit in Skeletal Muscle Reinnervated by End-to-Side Nerve Coaptation. Groupe pour l'Avancement de la Microchirurgie Canada, 17th Annual Meeting, Halifax, Nova Scotia, Canada, 5/22/96.
6. **Kalliainen LK** and Kuzon WM. Reinnervating Skeletal Muscle Using Termino-Lateral Neurorraphy. Canadian Society of Plastic Surgeons, 50th Annual Meeting, Halifax, Nova Scotia, Canada, 5/22-25/96.
7. **Kalliainen LK** and Kuzon WM. Reinnervating Skeletal Muscle Using Termino-Lateral Neurorraphy. American Society for Peripheral Nerve, 6th Annual Meeting, St. Louis, MO, 5/30-6/1/96.
8. **Kalliainen LK**, Pease E, and Kuzon WM. Effects of Age on Force Production of Rat Extensor Digitorum Longus Muscle. American Society for Peripheral Nerve, 6th Annual Meeting, St. Louis, MO, 5/30-6/1/96.
9. **Kalliainen LK** and Kuzon WM. Mechanical Function of Muscle Reinnervated by Termino-Lateral Neurorraphy. Plastic Surgery Research Council, 41st Annual Meeting, St. Louis, MO, 6/1-4/96.
10. Watson N, **Kalliainen LK**, Urbanchek M, Eguchi T, Kuzon WM. Muscle Force Deficit after Antagonist Denervation. Plastic Surgery Research Council, 42nd Annual Meeting, Galveston, TX, 2/26-3/1/97.
11. **Kalliainen LK** and Kuzon WM. Force Deficit in Reinnervated Skeletal Muscle. Plastic Surgery Research Council, 42nd Annual Meeting, Galveston, TX, 2/26-3/1/97.
12. **Kalliainen LK** and Chung KC. Assessment of Type II Errors in the Plastic Surgery Literature. Plastic Surgery Research Council, 42nd Annual Meeting, Galveston, TX, 2/26-3/1/97.
13. **Kalliainen LK** and Kuzon, WM. Force Deficit in Reinnervated Skeletal Muscle. American Society for Peripheral Nerve, 7th Annual Meeting, Williamsburg, VA, 6/5-7/97.
14. **Kalliainen LK**, Chung KC. Type II (Beta) Errors in the Hand Literature: the importance of power. ASSH, 52nd Annual Meeting, Denver, CO, 9/11-13/97.
15. **Kalliainen LK**, Carroll W, Urbanchek M, Kuzon WM. Muscle-Nerve-Muscle Neurotization for the Reinnervation of Laryngeal and Somatic Muscle. American Society for Peripheral Nerve, 8th Annual Meeting, Vancouver, BC, Canada, 5/22-24/98.
16. Bitar GJ, Williams RM, **Kalliainen LK**, Amiss LR, Hoard MA, Drake DB, Lin KY, Gampper TJ, Knox LK, Morgan RF. One Year Experience of Hair Removal Using the Diode Laser at a

- University Center. Arab Plast 2000, 6th annual Congress of the Pan-Arab Association for Burn and Plastic Surgery, Dubai, UAE, 2/19-23/00.
17. **Kalliainen LK**, Drake DB, Edgerton MT, Grzeskiewicz JL, Morgan RF. The Management of the Hand in Freeman-Sheldon Syndrome. Combined meeting of the Japanese and American Societies for Surgery of the Hand, Maui, HI, 3/26-28/00.
 18. **Kalliainen LK**, Pineros-Fernandez A, Morgan RF, Rodeheaver G. The effects of innervation and passive range of motion therapy on the biomechanical properties of tendon. European Association of Plastic Surgery, Twelfth Annual Meeting, Helsinki, Finland, 5/31-6/2/01.
 19. Skarupa D, **Kalliainen LK**. The Effect of Electrical Stimulation on VEGF Expression within a Nerve Graft. American Society for Peripheral Nerve. Annual Meeting, Rancho Mirage, CA, 1/17-18/04.
 20. McCue J, **Kalliainen LK**. Use of a purse-string to reduce skin graft requirement. American Society for Aesthetic Plastic Surgery, San Diego, CA, 5/2-6/08.
 21. Portschy P, Dreszer G, Pannucci C, Swanson JA, Kim N, and **Kalliainen LK**. The Effect of Low Molecular Weight Heparin and Procedure Type on Re-Operative Hematoma. Midwestern Association of Plastic Surgery, 49th annual meeting, Northwestern University, Chicago, IL, 5/15/10.
 22. Rashid MET, Bohn D, Heinrich C, Varecka T, **Kalliainen L**. A Retrospective Review of Perilunate, Lunate Dislocations and Fracture-Dislocations: what factors contribute to a missed injury? AAHS Annual meeting, Ritz Carlton Hotel, Cancun, Mexico. 1/13/11.
 23. Portschy PR, Dreszer G, Pannucci CJ, Bailey SH, Fisher C, Hamill JB, Hoxworth RE, Rubin JP, Pusic AL, Wilkins EG, **Kalliainen LK**. The Effect of Enoxaparin and Procedure Type on Re-Operative Hematoma. 90th Annual Meeting, American Association of Plastic Surgeons, Boca Raton Resort & Club, Boca Raton, FL. 4/9-12/11.
 24. Neumann RG, Mathewson W, **Kalliainen LK**. Narcotic Prescription Patterns Following Elective Carpal Tunnel Release. AAHS Annual Meeting, Waldorf Astoria, Naples, FL. 1/10/13.
 25. Walbruch B, **Kalliainen LK**. The Optimization of Peripheral Nerve Recovery Using Cortical Reorganization Techniques. AAHS Annual meeting, Kauai, HI. 1/10/14.
 26. Kwon HJ, Ram R, Kalliainen LK. Value added by nerve conduction studies in diagnosis of carpal tunnel syndrome at Hutt Hospital. New Zealand Association of Plastic Surgery, Queenstown, New Zealand, 7/15-17/16.
 27. Mooney KM, Haug C, Oliver C, Stevenson JSA, **Kalliainen LK**. Multimodal Perioperative Pain Management in Plastic Surgery Limb Operations: A quality improvement study. Australian College of Surgeons, Perth, Australia. 5/7/16.
 28. Jayakar R, **Kalliainen LK**. A 5 year review of free flap salvage attempts at Hutt Valley DHB. New Zealand Association of Plastic Surgery, Queenstown, New Zealand, 7/15-17/16.
 29. Grieg H, **Kalliainen LK**. Surprises in management of paediatric phalangeal fractures. New Zealand Association of Plastic Surgery, Queenstown, New Zealand, 7/15-17/16.
 30. Kwon HJ, Ram R, **Kalliainen LK**. Reducing rupture following flexor tendon repair distal to the A1 pulley: a two centre, two country study. New Zealand Association of Plastic Surgery, Queenstown, New Zealand, July 15-17, 2016.
 31. Zhong S, **Kalliainen LK**. Upper Extremity Surgery in Tetraplegia and the Online Information Void. ASPS Annual Meeting. Orlando, FL, 10/7/17.
 32. Pavlov A, **Kalliainen LK**. Outcomes of Selective Denervation in Patients with Acute or Chronic Peripheral Nerve Pain. ASPS Annual Meeting. Orlando, FL, 10/7/17.
 33. Rapolti ME, **Kalliainen LK**. Opioid Prescription: No more pain for the prescribing plastic surgeon. ASPS Annual Meeting. Orlando, FL, 10/7/17.

34. Nayyar A, Roughton MC, **Kalliainen L**. Journal Club in US Plastic Surgery Training Programs: Are We Doing it Right? 2018 Academic Surgical Congress, Jacksonville, FL, 1/31/18.

POSTER PRESENTATIONS AT PROFESSIONAL MEETINGS (PEER-REVIEWED)

1. Cowgill S, Kalliainen LK. Management of Upper Extremity Giant Pigmented Nevi. Poster presentation. The Adrian E. Flatt Residents & Fellows Conference. The American Society for Surgery of the Hand. 56th Annual Meeting. Baltimore, Maryland, 10/3/01.
2. Hayduke A, Kalliainen LK. Upper Extremity Salvage Using a Simultaneous Pedicled Groin Flap and Pedicled Tensor Fascia Lata Flap. Poster presentation. PSEF Senior Residents Conference, Seattle, WA, 3/21-24/02.
3. Hayduke A, Kalliainen LK. Upper Extremity Salvage Using a Simultaneous Pedicled Groin Flap and Pedicled Tensor Fascia Lata Flap. Poster presentation. 23rd Annual Children's Hospital Research Forum. Columbus, Ohio, 6/6-7/02.
4. Kalliainen, LK. The Role of Scientific Program Committees in Ensuring Research Subject Protection. The American Association for Hand Surgery. Poster presentation. Annual Meeting, Tucson, AZ, 1/11-14/06.
5. Wangenstein KJ, Kalliainen LK. Collagen tube conduits in peripheral nerve repair: a retrospective analysis. Poster presentation. The American Society for Peripheral Nerve, Maui, HI, 1/9-11/09.
6. Mathewson JW, Kalliainen LK. Variation in the Narcotic Prescription Patterns after Carpal Tunnel Surgery. Poster presentation. AAHS Annual meeting, Ritz Carlton Hotel, Cancun, Mexico. 1/12-15/11.
7. Mann J, Kalliainen LK. Selective Denervation in the Lower Extremity: a discussion of learning curve and outcomes. Poster presentation. ASPN Annual meeting, Ritz Carlton Hotel, Cancun, Mexico. 1/14-16/11.
8. Stanek JJ, Cameron JA, Kalliainen LK. Cost analysis of dexmedetomidine administration to prevent complex regional pain syndrome. Poster presentation. AAHS Annual meeting, Atlantis, Paradise Island, Bahamas, 1/21-24/15.
9. Sieber DA, Heinrich CA, Kalliainen LK. The Relationship of Surgeon Behaviors to Opioid Use Following Breast Reduction Surgery. Poster presentation. ASAPS annual meeting, Montreal, Quebec, Canada, 5/15.
10. Fowler J, Kalliainen LK. Multimodal Postoperative Pain Strategies in a Hand Surgery Population. Poster presentation. The Metro Minnesota Council on Graduate Medical Education 2015 Quality Forum, University of Minnesota, Minneapolis, MN, 5/27/15.
11. McKinney ZJ, Kalliainen LK. The use of Electronic Health Record Alerts to Improve Postoperative Hand Therapy Protocol Compliance Following Peripheral Nerve Repair. Poster presentation. The Metro Minnesota Council on Graduate Medical Education 2015 Quality Forum, University of Minnesota, Minneapolis, MN, 5/27/15.
12. Zhong S, **Kalliainen LK**. Upper Extremity Surgery in Tetraplegia and the Online Information Void. UNC Surgical Research Day, Chapel Hill, NC. 6/16/17.
13. Pavlov A, Kalliainen LK. Outcomes of Selective Denervation in Patients with Acute or Chronic Peripheral Nerve Pain. UNC Surgical Research Day, Chapel Hill, NC. 6/16/17.
14. Nayyar A, Roughton MC, **Kalliainen LK**. Journal Club in US Plastic Surgery Training Programs: Are We Doing it Right? Southeastern Surgical Congress, Tampa, FL. 2/13/18.

Other Key Activities and Accomplishments

1. Participation in Clinical Consultation Corner as expert. ASSH Annual meeting. San Francisco, California, 10/4/13.

2. Participation in Clinical Consultation Corner as expert. ASSH Annual meeting. Boston, Massachusetts. 9/19/14.
3. Participation in panel for female medical students interested in surgery. UNC SOM's Association of Women Surgeons. Chapel Hill, NC. 10/27/16.

GRANTS

External Sources (federal {NIH, NSF, DEO, etc.} or state grants, foundation awards, etc.)

1. Plastic Surgery Educational Foundation. 1995-1996
Muscle Structure and Function in Termino-Lateral Neurography. (\$4900) (PI), 80% effort
2. Plastic Surgery Educational Foundation Grant. 2001-2002
VEGF Expression After Electrical Stimulation of Nerve Grafts. (\$4900) (PI), 5% effort
3. Plastic Surgery Foundation Grant 2010-2011
VTEPS (\$7500) (site PI), 1% effort
4. University of Michigan NIH/DHHS Grant 10/1/11-8/12/15
A Clinical Trial for the Surgical Treatment of Elderly Distal Radius Fracture: Wrist and Radius Injury Surgical Trial (WRIST) (\$46,220) (Site PI), 1% effort.

University Sources

1. OSU Department of Surgery Seed Grant 2001-2002
The development of a murine free tissue transfer model for applications in wound healing studies. (\$9700) (PI), 10% effort
2. University of North Carolina Seed Grant 2015-2016
The development of a targeted muscle reinnervation program for optimization of prosthetics in upper limb amputees.
(\$15000) (Co-PI with Helen Huang, PhD), 2% effort

UNIVERSITY TEACHING, ADVISING, and MENTORING ROLES

LECTURES

Ohio State University

Department of Surgery Third Year Medical Student Lecture Series (monthly) 2001-2004
Division of Plastic Surgery Monthly Hand Lecture series 2001-2004
Faculty participant for Honors Program in Surgery, 4th year medical students, 2001-2002
Department of Surgery Grand Rounds ("Evaluation of Hand Trauma"), 12/7/00, 2/13/03
Department of Emergency Medicine ("Evaluation of Hand Trauma") 7/10/01
Occupational and Physical Therapy Lecture series ("Tendon biology") 5/03/04
Multidisciplinary Burn Rounds, OSU, ("Basics of Wound Healing"), 5/27/04

University of Minnesota/Regions Hospital

University of Minnesota Hand Conference (Department of Orthopaedic Surgery)
Flaps and Grafts for hand and upper extremity, 3/1/11
Indications for Radiologic Exams in the UE, 8/16/12
Creation of an educational assist device for postoperative opioid prescriptions. 2/20/14
Nerve Transfers, 4/2/15

Regions Hospital Plastic/Hand Lectures
Avascular necrosis in the wrist, 10/15/14
Congenital Hand Conditions, 3/26/14
Carpal Instability (2 hr seminar) 2/26/14

Regions Department of Occupational Medicine:
“Hand Surgery for the non surgeon”, 8/05, 12/05
Quarterly lunch-and-learns with Occupational Medicine residents, 2014-2015

University of Minnesota ANAT7800: Intern Preparation Course. Hand Surgery for the Surgical Intern,
4/16/15

Naval Reserve, St. Paul, MN, Basic Wound Care, 9/26/04

Hutt Hospital Department of Plastic Surgery

Weekly 45 minute hand surgery lectures to trainees.
2/26/13-5/31/13
12/1/14-2/1/15
1/3/16-4/8/16
1/20/17-5/26/17

University of North Carolina

Division of Plastic Surgery

Weekly Hand conference (Plastic Surgery residents and students) 10/5/15-2/7/2019
Plastic Surgery didactic session
Documenting your professional life, 5/25/16
Current research and QI projects, 12/21/16

Department of Orthopaedic Surgery Core Curriculum

Peripheral nerve anatomy, physiology, injury, and repair, 9/28/15.
Controversies of Carpal Tunnel Syndrome, 5/10/16
Soft tissue coverage of the upper extremity, 6/14/16, 11/14/17
Compartment syndrome, injection injuries, burns 12/13/16

Medical Students (General Surgery rotation)

Basics of Plastic Surgery, 10/27/15; 12/8/15
M3 Block lecture, Soft tissue reconstruction. 8/11/16

Brown University

Division of Plastic Surgery

Weekly combined Ortho/Plastic hand conference, 0.5 hr, 2/19/19-current
Weekly Monday Trauma Review, 1 hr, 2/25/19-current
Weekly Plastic Surgery didactics/Morbidity and Mortality, 1 hr, 2/20/19-current
Microsurgery lab, 3 hr: 3/6/19, 3/20/19
Upper Extremity Cadaver Lab, 4 hr: 4/3/19

Medical Students

Flexor tendon repair lab, 1.5 hr (organized by M3, Mike Boyajian): 3/21/19, 3/28/19

UNC CURRICULUM DEVELOPMENT

SURY437: Hand surgery for the primary care medical student. Enrollment opened 2/17

COLLABORATIVE EFFORTS

University of Minnesota New Program Director Retreat. Panel participant: "What I wish I had known". 5/21/10.

Regions Hospital research roundtable. Chairs, Loree Kallainen and Kate RardinLeahy, 2010

Regions Hand Cadaver Lab (instructor): 5/18/12, 2/7/13, 4/18/14

Regions and Surgery Center PACU nurses: Current principles of postoperative pain management, 11/15/12, 1/17/13.

Shared decision making options grid workgroup (www.optiongrid.org/). Chair, Carolyn Kerrigan, Dartmouth. Group created grids for carpal tunnel, trigger finger, Dupuytren's disorder, 2012.

Regions Hospital Emergency Medicine Faculty Rare Procedures Skills Lab, 2/12/14

University of Minnesota Department of Orthopaedic Surgery Annual Skills Laboratory, Trigger Finger proctor, 2009-2012, 2014.

University of North Carolina Cadaver Lab. Led brachial plexus, flap, UE dissections. July-August, 2016

Art Class: Organized class on line drawing taught by Willie Tyshawn Jones, a graduate of UNC's Art Department. 8/17/16, 12/21/16

FACULTY DEVELOPMENT ACTIVITIES REGARDING TEACHING

Participant: American College of Surgeons, Surgeon as Educator Course, 9/10/12-9/16/12

Participant: American Society of Plastic Surgeons, Pathways to Leadership: becoming a peer educator, 6/10-12/2012

Participant: Healthcare Philanthropy 20/20 Leadership Session- Creating Breakthrough Performance in Healthcare Philanthropy, 5/6/16. 3 hour training.

ADVISING AND MENTORING

Ohio State University

Plastic Surgery Residents

Resident-Attending Mentorship Program (RAMPS), Ohio State University, 2002-2003

2001-4 Paul Mills, MD, Ohio State University resident, plastic surgery, 2001-2004

2002-4 Sarah MacMillan, MD, Ohio State University resident, plastic surgery, 2002-2004

2002-3 Lisa Attebery, DO, Ohio State University resident, plastic surgery, 2002-2003

Medical students

2002-4 David Skarupa, MD, Ohio State University medical student, 2002-4

University of Minnesota

Plastic Surgery Residents

2005: Paul Lim, MD

2006: Andrew Gear, MD

2007: Jonathan Witzke, MD

2008: Sue-Mi Tuttle, MD

2009: Jon McCue, MD

2010: Sewit Amde, MD

2011: Elisa Stein, MD

2012: Matthew Sherrill, MD

2013: Robert Neumann, MD

2014: Vidas Dumasias, MD

2015: Carrie Black, MD; David Sieber, MD

General Surgery Resident

Pamela Portschy, MD, Univ of Minnesota General Surgery Resident, 2010-11

Project: 1) Venous thromboembolism prevention in plastic surgery

Medical Students and projects

Kirk Wangenstein, MD, University of Minnesota medical student, 2008-2009

Project: 1) Review of the use of collagen conduits in peripheral nerve reconstruction

Alan Swanson, MD, University of Minnesota medical student, 2009-2010

Project: 1) A month in the life of an evidence-based surgeon

2) Creation of an evidence-based pin care protocol for hand surgery

Andrea Noel, University of Minnesota medical student, 2011

Phillip Radke, University of Minnesota medical student, 2010-2012

Project: 1) Is the surgical literature reflective of clinical practice in plastic surgery?

Alexandra Lacey, Univ of Minnesota Medical School, 2012-13

Joel Stanek, Univ of Minnesota Medical Student, 2014

Projects: 1) Safety of dexmedetomidine in intraoperative setting

2) Efficacy of a teaching device in standardization of postoperative opioid prescriptions

**University of Minnesota/ HealthPartners Institute for Medical Education
Post-doctoral fellows (Hand surgery) supervised**

As Program Director

2009-2010: Mary Elizabeth (Missy) Rashid, MD, John (Will) Mathewson, MD

2010-2011: Elspeth Kinnucan, MD; Rohan Habbu, MD

2011-2012: Katharine Pico, MD; Felicity Fishman, MD

2012-2013: Julia Toto, MD; Michael Lee, MD

2013-2014: Graham Milam, MD; Meredith Larsen, MD

2014-2015: Catherine J. Vadala, MD; John Wechter, MD

University of North Carolina

Plastic Surgery Residents

2016-2019: Shuting (Susan) Zhong, MD

2016-2019: Arya Akhavan, MD
2015-2019: Anna Pavlov, MD
2015-2019: Mihaela Rapolti
2018-2019: Emily Wirtz
2018-2019: Meredith Kugar
2018-2019: Marcos Lopez

Medical Students

2015: Gabriela Reed
2017-2019: Shannon Gillespie

University of Wisconsin

Harry Nayar, MD, University of Wisconsin Plastic Surgery Resident, 2014 (PSRC mentor program)

University of Virginia

Shruti Tannan, MD, Univ of Virginia Plastic Surgery Resident, 2011-2015

University of Otago, New Zealand

Rosanna Rahman, MD PhD, Univ of Otago, New Zealand, 2013-2017
Amelia Murray, MD, Univ of Otago, New Zealand, 2013-2014
Kerry Mooney, MD, Univ of Otago, New Zealand, 2014-2015
Nicholas Brougham, MD, Univ of Otago, New Zealand, 2014-2015
Hyuk Jun Kwon, MD, Univ of Otago, New Zealand, 2016

Brown University

Victoria Zeyl, 2019, 2nd year community mentor
Ronald Akiki, Advanced Clinical Mentorship, 2019

Peer mentor

Clara Lee, MD, University of North Carolina, Chapel Hill, NC. Peer mentor.
Sarah Usmar, MD, Hutt Hospital, Lower Hutt, New Zealand. Peer mentor.

Undergraduate Student Activities

Undergraduate research projects (UROPS, directed research, lab participation, etc.)

Diana Rapolti, University of Illinois, Dec 2017/Jan 2018, Shadow
Greta Mary Bauer, St. Olaf University Undergraduate, Summer 2010
Project: Reconsidering the use of eponyms in surgery.
Justine Mann, University of Wisconsin Undergraduate, 2009-2010
Georgetown University School of Medicine student, 2012
Projects: 1) Selective denervation in the lower extremity
2) Venous thromboembolism prevention in plastic surgery
3) Opioid prescriptions patterns following carpal tunnel surgery

High School advising

Stephanie Whitman, Orono High School, Honors Mentor Connection, 2007-8
Katherine Schaller, Dow High School, Midland Michigan, 2009
Cameron Meyer-Mueller, Mounds Park Academy High School, 2012
Max Elsenheimer, Eagan High School, Sept-Nov, 2013

Visiting Scholars Hosted

Yehia El-Bromboly, MD, Department of Orthopaedic Surgery, Zagazig University, Zagazig, Egypt, May 19-30, 2014

PUBLIC ADVOCACY

Chair, Health Policy Committee, American Society of Plastic Surgeons (2019-2015)
Lobbying in Washington DC with the American Society of Plastic Surgery (2007, 2012, 2013)

VOLUNTEER ACTIVITIES

Foreign medical camps (Guatemala x 3, India x 7) (I have organized the past 5 trips to India)	2000-current
Chassell High School Foundation Board, Chassell, MI, 2010-current	
Book Collection, Books for Africa	2010-2014
University of Michigan Medical School Admission Committee	2012-2014
Warwick Neck Improvement Association	2019-current
ACLU volunteer	2019-current