

Curriculum Vitae

Name: Matthew L. Iorio, MD

Academic Rank: Professor

Place of Birth: Houston, Texas, USA

Place of Residence: Colorado, USA

Education

1998 – 2002	Bachelor of Arts <i>Cum Laude</i>	Biology	University of Chicago Chicago, IL
2003 – 2007	Doctor of Medicine <i>Magna Cum Laude</i>		Georgetown University School of Medicine, Washington, DC

Postdoctoral Training

2007 – 2008	Intern	Plastic Surgery	Georgetown University Hospital, Washington, DC
2008 – 2013	Resident	Plastic Surgery	Georgetown University Hospital, Washington, DC
2013 – 2014	Fellow	Hand and Microvascular Surgery	University of Washington, Seattle, WA

Faculty Academic Appointments

2014 – 2015	Instructor	Department of Surgery	Harvard Medical School
2016 – 2017	Assistant Professor	Department of Surgery	Harvard Medical School
2018 – 2022	Associate Professor	Department of Surgery	University of Colorado School of Medicine
2023 – 2025	Professor	Department of Surgery	University of Colorado School of Medicine

Additional Education and Coursework

2020	Medical Cannabis Education for Health Care Providers	University of Colorado, Skaggs School of Pharmacology and Pharmaceutical Sciences
2022	Sharpening Your Communication Skills	Stanford Graduate School of Business

Appointments at Hospitals/ Affiliated Institutions

2014 – 2017	Attending Physician	Plastic Surgery	Beth Israel Deaconess Medical Center Boston, MA
2014 – 2017	Attending Physician	Orthopaedic Surgery	Beth Israel Deaconess Medical Center Boston, MA
2014 – 2017	Attending Physician	Plastic Surgery	Beth Israel Deaconess Hospital Milton Milton, MA
2014 – 2017	Attending Physician	Orthopaedic Surgery	Beth Israel Deaconess Hospital Milton Milton, MA
2018 – 2025	Attending Physician	Plastic Surgery	University of Colorado Medical Center, Aurora, CO
2018 – 2025	Attending Physician	Orthopedic Surgery	University of Colorado Medical Center, Aurora, CO
2018 – 2025	Attending Physician	Hand Surgery	Denver Health Denver, CO
2018 – 2025	Attending Physician	Plastic Surgery	Children’s Hospital Colorado Aurora, CO
2020 – 2024	Attending Physician	Plastic Surgery	Rocky Mountain Regional VA Aurora, CO
2025 – Present	Attending Physician	Plastic Surgery	Mercy Hospital Durango, CO
2025 – Present	Attending Physician	Plastic Surgery	Animas Surgical Hospital Durango, CO

Honors and Awards

2002	Cum Laude	University of Chicago	BA, Biology
2007	Magna Cum Laude	Georgetown University School of Medicine	MD, Doctor of Medicine
2010	Adrian E. Flatt 28 th Annual Scholarship	American Foundation for Surgery of the Hand	
2011	Academic Achievement Award	Department of Plastic Surgery, Georgetown University Hospital	Awarded for highest research productivity
2011	Adrian E. Flatt 29 th Annual Scholarship	American Foundation for Surgery of the Hand	
2011	Outstanding Resident Teacher Award	Department of Plastic Surgery, Georgetown University Hospital	Outstanding teacher
2011	Outstanding Paper Presentation	American Society of Plastic Surgeons	Annual meeting presentation award

2012	Academic Achievement Award	Department of Plastic Surgery, Georgetown University Hospital	Awarded for highest research productivity
2012	Adrian E. Flatt 30 th Annual Scholarship	American Foundation for Surgery of the Hand	
2013	Academic Achievement Award	Department of Plastic Surgery, Georgetown University Hospital	Awarded for highest research productivity
2016	American Society for Surgery of the Hand (ASSH): Young Leaders	American Society for Surgery of the Hand	Young Leader
2017	Blue Ribbon Article	ORTHOPEDECS, Journal	July/August 2017
2022	Teacher of the Year Award	Division of Plastic and Reconstructive Surgery, University of Colorado Hospital	Outstanding teacher
2024	Top Scholar	ScholarGPS	Top 0.5% of all scholars worldwide (ranked #15) over 5 years amongst research in “Microsurgery”
2025	IMPACT Award	University of Colorado Hospital	Medical staff award that recognizes impressive actions for the Osseointegration Program
2025	Hand Surgery Research All Star	Avant-garde Health Research All-Stars	Top 2-3% contributor to published Hand Surgery research nationwide
2025	Teacher of the Year Award	Division of Plastic and Reconstructive Surgery, University of Colorado Hospital	Outstanding teacher

Hospital-based or Other News Media

2015, Vol. 5:2. Inside Surgery. BIDMC.

A Saving Grace. ‘Surgeon replants patient’s severed arm’.

2017, Vol. 7:2. Inside Surgery. BIDMC.

Saving Limbs, Saving Lives. ‘Multidisciplinary care and translational research advance diabetic wound healing’.

2017, Mar 9. 3D Printing Industry Online.

Surgeons Use a Home-Use 3D Printer to Help in Bone Fracture Operations.

3dprintingindustry.com/news/surgeons-use-home-use-3d-printer-help-bone-fracture-operations-107623

2019, Apr 4. CU Anschutz Today.

Surgeon's Work Spans Saving Limbs to Curbing the Need for Opioids. 'He studies how peripheral nerve catheters may potentially reduce the use of pain-killing drugs'.

2022, Apr 12. CU Anschutz Department of Surgery Newsroom.

Revised CDC Guideline for Prescribing Opioids Should Emphasize a Multidisciplinary Approach to Managing Pain. 'Matthew Iorio, MD, has researched alternatives to opioid use in post-surgical pain management and frequently sees effects of chronic pain in his surgical patients'.

2024, Feb 22. UCHealth Today.

Colorado School of Mines student returns to wrestling team after car accident forced devastating leg amputation.

2025, Feb 7. CU Anschutz Department of Surgery Newsroom.

CU Surgery Faculty Honored With UCHealth Medical Staff Awards

2025, June 3. 9 News Denver

'I didn't lose who I am': College wrestler breaking barriers after life-changing accident

Professional Organizations/Memberships

Professional Societies and Committee Service

2010 – Present	American Society for Surgery of the Hand (ASSH)
2010 – 2017	Candidate Member
2017 – Present	Active Member
	<u>Committee Service</u>
2014 – 2018	Adrian E. Flatt Residents and Fellows Conference Committee
2016 – 2017	Young Leaders 2016 Committee
2017 – 2020	Courses and Meetings Advisory Committee
2017 – 2021	Annual Meeting Program Committee
2018 – Present	Journal of Hand Surgery Committee
2019 – 2022	Maintenance of Certification Committee
2010 – Present	American Association for Hand Surgery (AAHS)
2010 – 2016	Candidate Member
2016 – Present	Active Member
	<u>Committee Service</u>
2017 – 2020	Vargas Committee
2012 – Present	American Society for Reconstructive Microsurgery (ASRM)
2012 – 2016	Candidate Member
2016 – Present	Active Member
2017 – Present	Società Italiana di Chirurgia della Mano (Italian Society for Surgery of the Hand)
2017 – Present	Active Member
2018 – Present	American Council of Educators Plastic Surgeons (ACEPS)

2018 – Present	Active Member
2024 – Present	Society of University Surgeons
2024 – Present	Active Member
2024 – 2025	International Federation of Societies for Surgery of the Hand (IFSSH)
	<u>Committee Service</u>
2024	IFSSH Scientific Committee for the 2025 IFSSH and IFSHT Triennial Congress
2025 – Present	American Society of Plastic Surgeons
2017 – Present	Candidate Member

Institutional Committee and Service Responsibilities

2014 – 2017	Department of Orthopaedic Surgery <i>Committee on Research and Education</i>	Beth Israel Deaconess Medical Center, Boston, MA
2015 – 2017	Perioperative Operations Committee	Beth Israel Deaconess Medical Center, Member
2018 – Present	<u>Director</u> Director PRS Hand	University of Colorado Medical Center, Aurora, CO
2018 – Present	<u>Co-Director</u> Extremity Microsurgery and TMR	University of Colorado Medical Center, Aurora, CO
2019 – 2020	<u>Associate Program Director</u> Plastic Surgery Residency Program	University of Colorado Medical Center, Aurora, CO
2019 – Present	<u>Co-Director</u> Wound Care Program	University of Colorado Medical Center, Aurora, CO
2022 – 2023	First Case On-Time Starts Steering Committee	University of Colorado Medical Center, Aurora, CO
2022 – 2023	First Case On-Time Cherry Creek Surgical Center Committee	University of Colorado Medical Center, Aurora, CO
2023 – Present	<u>Director</u> Orthoplastic Surgery	University of Colorado Medical Center, Aurora, CO
2024 – Present	Limb Preservation Foundation, Scholarship Committee	Denver, CO
2024 – Present	School of Medicine Faculty Promotions Committee	University of Colorado Medical Center, Aurora, CO

Licensure and Board Certification (Active)

2015 Board Certified, American Board of Plastic Surgery (ABPS)
2016 Certification in the Subspecialty of Surgery of the Hand (SOTH)
2018 Colorado medical license
2024 Virginia medical license

Scientific Advisor and Research

Synthes/J&J Consultant, Hand and Microsurgery
2016 – 2018

CBMD Chief Medical Officer, Consultant, Plastic and Reconstructive Surgery
2019 – Present

AxoGen Consultant, Nerve and Microsurgery
2019 – Present

AlloSource Consultant, Plastic Surgery
2022 – Present

Balmoral Medical Consultant, Plastic Surgery
2024 – 2025

Integra Consultant, Plastic Surgery
2025 – Present

Report of Clinical Activities and Innovations

Clinical Innovations

Pulse oximetry for upper extremity vascular trauma 2015	Integrated the use of pulse oximetry for the objective quantification and communication of potentially dysvascular injuries in the upper extremity.
Lower extremity microsurgical salvage service 2016	Established microsurgical cases at a new location in the BIDMC system (East campus), and an integrated limb salvage team for diabetic and traumatic extremity injuries.

Clinical Guidelines and Quality Improvement

Development of Practice Guidelines, Dept. of Orthopaedics, BIDMC (2014)	“Penetrating and High-energy Injuries of the Upper Extremity” Utilized for the evaluation and treatment of upper extremity trauma with potential concomitant vascular injuries within the BIDMC system
Development of Practice Guidelines, Dept. of Surgery, Div. of Plastic Surgery, BIDMC (2016)	“Pathway for Free Flap Patients” Development, education, and implementation of free tissue transfers within a specialized patient unit and operative system within the BIDMC system. Began a new site for microsurgical procedures and postoperative care within the BIDMC campus.

Development of Practice Guidelines, Div. of Plastic Surgery, UCH (2018)	“Pathway for Inpatient Hand Therapy” Development and education of occupational, physical therapy, and hand surgery teams for optimization of referral, management, and treatment pathways for inpatient upper extremity consultations.
Development of Practice Guidelines, Div. of Plastic Surgery, UCH (2019)	“Pathway for Post-Nerve Block Injury Patients” Development and education within multidisciplinary team for the management, treatment, and surveillance of patients with post-nerve block pain, paresthesia, and associated neurologic injury.
Development of Practice Guidelines, Div. of Plastic Surgery/ Dept. of Surgery, UCH (2020)	“Isolated Upper Extremity Trauma Guidelines and Pathway” Development and education within multidisciplinary team for the management and treatment of patients with upper extremity trauma, including fracture, infection, and vascular injuries.
Development of Practice Guidelines, Div. of Plastic Surgery/ Dept. of Surgery, UCH (2021)	“Wound Care Educational Guide” Development and education within wound care and multidisciplinary team for the education of common inpatient and outpatient wounds, as well as diagnostic and treatment guidelines and therapy. Developed for education of the wound care providers and staff as well as the resident care team. Also used at CHCO for wound care program reference.
Development of Service line, Div. of Plastic Surgery/ Dept. of Surgery, Dept of Orthopedics, UCH (2022)	“Orthoplastic Surgery” Orthoplastic Surgery is the multidisciplinary management by both orthopedic and plastic surgeons at the time of patient admission, each one performing one or more specific pre-defined tasks. The goal of this care model is to decrease hospital length of stay, improve patient outcomes, minimize interval hospital transfers, and increase the national reputation for care at UCH.

Editorial Activities

2012 – Present	<i>Plastic and Reconstructive Surgery Journal</i> Ad hoc reviewer
2014 – Present	<i>Journal of Hand Surgery [Am]</i> <u>Associate Editor</u> : 2018 – Present
2014 – Present	<i>Journal of Reconstructive Microsurgery</i> <u>Editorial Board Member</u> : 2018 – Present
2015 – Present	<i>HAND Journal</i> Ad hoc reviewer
2018 – Present	<i>Journal of Wound Care</i>

	Ad hoc reviewer
2018 – Present	<i>Annals of Plastic Surgery Journal</i> <u>Editorial Board Member</u> : 2019– Present
2020 – 2022	<i>Plastics and Aesthetic Research Journal</i> <u>Editorial Board Member</u> <u>Associate Editor</u> : 2021 – Present
	<u>Guest Editor</u>
2020	Special topic, “Advances in Microsurgery for Upper and Lower Extremity Reconstruction and Limb Preservation”
2021	<u>Guest Editor</u> Special topic, “Targeted Muscle Reinnervation and Peripheral Nerve Transfers”
2020 – Present	<i>Orthopedics Journal</i> Ad hoc reviewer
2020 – Present	<i>Journal of Hand and Microsurgery</i> Ad hoc reviewer

Didactic Teaching (at Attending Level)

Teaching of Students in Courses

2014	Patient-Doctor II Musculoskeletal Exam: “Hand and Wrist Examination” 20 first year medical students	HMS 1 hour of lecture time
2014	Patient-Doctor II Musculoskeletal Exam: “Hand: Clinical Cases” 20 first year medical students	HMS 1 hour of lecture time
2018, 2019	Principles of Plastic Surgery: Wound Healing 20 first year medical students	UCHMS 1 hour of lecture time

Didactic Teaching of Residents, Clinical Fellows and Research Fellows

2014	Extremity Reconstruction: Bone Grafts and Flaps Division of Plastic Surgery Conference	BIDMC 1 hour of lecture
2014	Distal Radius Fractures: Fragment Specific Fixation BIDMC Hand Surgery Indications Conference	BIDMC 1 hour of lecture
2014	Distal Radius Fractures: Interpretation & Management Division of Plastic Surgery Conference	BIDMC 1 hour of lecture

2015	Wrist Instability Harvard Combined Plastic Surgery Residency	MGH 1 hour of lecture
2015	Distal Radius Fractures Division of Plastic Surgery Conference	BIDMC 1 hour of lecture
2015	Wrist Fractures and Instability Harvard Combined Plastic Surgery Residency	MGH 1 hour of lecture
2015, 2016, 2017	Hand and Wrist Tumors Harvard Combined Plastic Surgery Residency	MGH 1 hour of lecture
2016	Lower Extremity Limb Salvage: The Team Approach Division of Plastic Surgery Conference	BIDMC 1 hour of lecture
2018, 2019	Brachial Plexus Reconstruction University of Colorado Plastic Surgery Residency	UCH 1 hour of lecture
2018	DRUJ Pathology University of Colorado Hand Fellowship	UCH 1 hour of lecture
2018, 2019, 2020, 2021, 2022, 2023, 2024	Hand and Wrist Fractures University of Colorado Plastic Surgery Residency	UCH 1 hour of lecture
2018, 2019, 2020, 2021, 2022, 2023, 2024	Principles of Lower Extremity Reconstruction University of Colorado Plastic Surgery Residency	UCH 1 hour of lecture
2019, 2020	Thumb Reconstruction University of Colorado Plastic Surgery Residency	UCH 1 hour of lecture
2020	Amputation, Replantation, and Ring Avulsions University of Colorado Plastic Surgery Residency	UCH 1 hour of lecture
2020	Dupuytren's Disease University of Colorado Plastic Surgery Residency	UCH 1 hour of lecture
2020	Tendon Transfers University of Colorado Plastic Surgery Residency	UCH 1 hour of lecture
2022, 2023, 2024	Scaphoid Fractures and Nonunions University of Colorado Hand Surgery Fellowship	UCH 1 hour of lecture

2022, 2023, 2024	Flap Reconstruction of the Upper Extremity University of Colorado Hand Surgery Fellowship	UCH 1 hour of lecture
2022, 2023	Targeted Muscle Reinnervation University of Colorado Hand Surgery Fellowship	UCH 1 hour of lecture
2022, 2023, 2024	CRPS Update University of Colorado Hand Surgery Fellowship	UCH 1 hour of lecture
2022, 2023	Vascularized Bone Grafting for Carpal Fractures and Nonunions University of Colorado Hand Surgery Fellowship	UCH 1 hour of lecture
2023, 2024	Wound Care University of Colorado Plastic Surgery Residency	UCH 1 hour of lecture
2023, 2024	Osseointegration, TMR and Other Solutions for Limb Salvage University of Colorado Hand Surgery Fellowship	UCH 1 hour of lecture

Laboratory Teaching of Residents, Clinical Fellows and Research Fellows

2015, 2017	“Microsurgery” Intern training Bootcamp Department of Orthopaedics	BIDMC
2016	BIDMC Plastic Surgery Hand and Wrist Fracture Lab	BIDMC
2018, 2019, 2020, 2021, 2022, 2023, 2024	“Microsurgical Skills Training Lab” - <u>Director</u> University of Colorado Plastic Surgery Residency	UCH

Teaching at Courses and Meetings

2018, 2019, 2021, 2022, 2023, 2024	The Complete Hand Surgeon: Flaps You Should Know After Fellowship	ASSH Meeting
2018, 2019	Second Annual Hand Surgery Quiz Bowl	ASSH Meeting

Report of Teaching and Training

American Society for Reconstructive Microsurgery (ASRM)

2024	Ciara A. Brown, MD Young Microsurgery Group (YMG) Mentorship Career stage: Microsurgery Fellow - MD Anderson
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2024 Elizabeth A. Moroni, MD, MHA
Young Microsurgery Group (YMG) Mentorship
Career stage: Microsurgery Fellow – The Buncke Clinic

Research Fellows

2018 – 2019 Allison Kovar, MD, University of Colorado Hospital, General surgery resident
Plastic and Reconstructive Surgery Program
Career stage: Research Fellow, Mentoring role: Research

- Successfully published 4 peer reviewed research papers
- Kovar, A; Paton, M. Iorio, M. (2019). An Evaluation of Safety and Patient Outcomes for Hand Surgery Following Prior Breast Cancer Treatment: Establishing New Recommendations in Lymphedema. Podium Presentation 74th Annual Meeting of the ASSH. Las Vegas, NV

Formally Mentored Faculty

2022 – Present Mark Greyson, MD
University of Colorado Hospital, Division of Plastic and
Reconstructive Surgery
Program Director Plastic Surgery Residency

2023 – 2024 Justin Cohen, MD
University of Colorado Hospital, Division of Plastic and
Reconstructive Surgery

2024 – Present Tim Irwin, MD
University of Colorado Hospital, Division of Plastic and
Reconstructive Surgery

Formally Mentored Medical, Dental and Graduate Students

2015 – 2018 Kayva Crawford, Tufts Medical School, Class of 2018
Career stage: Medical student, Mentoring role: Research

- Successfully published 2 peer reviewed research papers

2015 – 2016 Brian Yang, Harvard Medical School Class of 2018
Career stage: Medical student, Mentoring role: Research

- Successfully published 1 peer reviewed study

2016 – 2017 Kelly Zhang, Harvard College Class of 2017, Stanford Medical School Class of 2021
Career stage: Undergraduate student, Mentoring role: Research

- Successfully published 1 peer reviewed study
- “Blue Ribbon Award” received for quality of academic writing

2016 – 2018 William Knaus, MD, Hand Fellow, Massachusetts General Hospital

Career stage: HMS Plastic surgery resident, Mentoring role: Mentor

- Successfully published in peer reviewed literature
- Mentorship to assist in successfully pursuing a hand fellowship

- 2016 – 2018 Akhil K. Seth, MD, Harvard Medical School, Plastic Surgery resident
Career stage: HMS Plastic surgery resident, Mentoring role: Mentor
- Successfully published in peer reviewed literature and academic meeting presentations (national and international podium presentations)
- 2016 – 2018 David Mattos, MD, Harvard Medical School, Plastic surgery resident
Career stage: HMS Plastic surgery resident, Mentoring role: Mentor
- Successfully published in peer review literature:
 - Mentorship to assist in successfully pursuing a hand fellowship
- 2016 – 2020 Shawn Diamond, MD, Harvard Medical School, Plastic Surgery resident
Career stage: HMS Plastic surgery resident, Mentoring role: Mentor; Research
- Successfully published in peer reviewed literature and academic meeting presentations (national and international podium presentations)
 - Mentorship to assist in successfully pursuing a hand fellowship
- 2018 – 2021 Jhade Woodall, University of Colorado Hospital, Plastic Surgery Resident
Career stage: Resident/Fellow, Mentoring role: Mentor
- Mentorship for plastic surgery and to assist in successfully pursuing a hand fellowship
- 2018 – 2021 Madeline Patton, University of Colorado School of Medicine, Class of 2021
Career stage: Medical student, Mentoring role: Research
- Successfully published 1 peer reviewed study
- 2019 – 2020 Susie Choi, University of Colorado School of Medicine, Class of 2022
Career stage: Medical student, Mentoring role: Research
- Successfully published 1 peer reviewed study
 - MSA Capstone, Donor Site Morbidity in Phalloplasty Reconstructions
- 2020 – Present Elliot Le, University of Colorado Hospital, Plastic Surgery Resident
Career stage: UCH Plastic surgery resident, Mentoring role: Mentor; Research.
- Successfully published in peer reviewed literature and academic meeting presentations (national and international podium presentations)
 - Mentor, plastic surgery residency
- 2020 – Present Jerry Yang, University of Colorado School of Medicine, Class of 2021
Career stage: Medical student; Resident, Mentoring role: Research.
- Successfully published 1 peer reviewed study

- Mentorship role to assist in successfully pursuing plastic surgery residency at UCH
 - Working on manuscripts for outcomes of lower extremity reconstruction
- 2020 – 2024 Nayun “Mary” Lee , University of Colorado School of Medicine, Class of 2024
Career stage: Medical student, Mentoring role: Research.
- Successful in academic meeting presentations (national and international podium presentations)
 - Working on manuscripts for patient outcomes in the setting of trauma, hand fractures, and various plastic surgery procedures based on opioid use as well as concurrent cannabis use
- 2020 – 2024 Ryan Constantine, University of Colorado Hospital, Plastic Surgery Resident
Career stage: UCH Plastic surgery resident, Mentoring role: Research.
- Successfully published in peer reviewed literature
 - Working on manuscripts for flap outcomes following limb preservation and acute injury
- 2020 – Present Michael Gehring, University of Colorado Hospital, Plastic Surgery Resident
Career stage: UCH Plastic surgery resident, Mentoring role: Research.
- Successfully published in peer reviewed literature
 - Working on manuscripts for prospective outcomes of metacarpal fracture repair
- 2020 – 2022 Krystle Tuano, University of Colorado Hospital, Plastic Surgery Resident
Career stage: UCH Plastic surgery resident, Mentoring role: Research.
- Successfully published in peer reviewed literature
 - Mentorship role to assist in successfully pursuing a hand fellowship
- 2021 – 2023 Jessica Saifee, University of Colorado School of Medicine, Class of 2023
Career stage: Medical student, Mentoring role: Research.
- Successfully published in peer reviewed literature
 - Submitted manuscripts on mental health outcomes in the setting of reconstructive breast surgery

Report of Regional, National and International Invited Teaching and Presentations

Invited Presentations: Local and Regional

- 2011 Defining the Physiologic Components of the Medial Femoral Condyle Vascularized Bone Graft: A Two-part Study
Research Presentation for the E.F. Shaw Wilgis Lectureship in Hand Surgery
The Curtis National Hand Center
Baltimore, MD
- 2014 Anatomy and Deforming Forces of the Thumb
University of Washington Hand Course, ‘Rules of Thumb’: Management of Thumb Disorders Across the Lifespan

Seattle, WA

- 2015 Management of Upper Extremity Trauma: Indications and Outcomes Following Replantation
Trauma Grand Rounds
Lawrence General Hospital
Lawrence, MA
- 2015 Management of Upper Extremity Trauma: Indications and Outcomes Following Replantation
Department of Surgery Grand Rounds
Beth Israel Deaconess Hospital-Milton
Milton, MA
- 2015 “Management of Upper Extremity Replantation: Techniques and Outcomes of Hand Therapy”
Baystate Hand Therapy Meeting
Beth Israel Deaconess-Milton Hospital
Milton, MA
- 2016 “Mechanical Wound Treatments”
Doctors Demystify Wound Care for Occupational and Physical Therapists
Brigham and Women’s Faulkner Hospital
Boston, MA
- 2016 1st Annual DePuy Synthes Future Leaders Workshop: Pre-fellowship Hand Surgery
Microsurgery: Tips and Tricks
Extensor Tendon Lacerations: Repair Strategies
Flexor Tendon Suture Repair Constructs: What Matters
Raynham, MA
- 2016 “Surgical Repair of Chronic Wounds”
Department of Surgery, Division of Podiatry Grand Rounds
Beth Israel Deaconess Medical Center
Boston, MA
- 2016 “Flaps: Solutions for Extremity Salvage”
Perioperative Committee Grand Rounds
Beth Israel Deaconess Medical Center
Boston, MA
- 2016 Upper and Lower Limb Salvage and Replantation
Department of Surgery Grand Rounds
Beth Israel Deaconess Medical Center
Boston, MA
- 2016 “Full Thickness Defects in the Hand”
Third Annual Jesse B. Jupiter International Hand Forum Upper Extremity Reconstruction

Massachusetts General Hospital
Cambridge, MA

- 2017 “Soft Tissue Coverage of the Elbow”
Fourth Annual Jesse B. Jupiter International Hand Forum Upper Extremity Reconstruction
Massachusetts General Hospital
Cambridge, MA
- 2017 2nd Annual DePuy Synthes Future Leaders Workshop: Pre-fellowship Hand Surgery
Microsurgery: Tips and Tricks
Extensor Tendon Lacerations: Repair Strategies
Flexor Tendon Suture Repair Constructs: What Matters
Raynham, MA
- 2018 Super-Thin Flaps in Extremity Reconstruction
3rd Annual Meeting of the Mountain West Society of Plastic Surgeons
Jackson, WY
- 2018 “Microsurgical Extremity Salvage: Improving Function, Decreasing Pain, and Improving Mortality”
Department of Surgery Grand Rounds
University of Colorado Hospital, Anschutz Medical Campus
Aurora, CO
- 2019 “Plastic Surgery and Extremity Reconstruction”
Department of Orthopedics Grand Rounds
University of Colorado Hospital, Anschutz Medical Campus
Aurora, CO
- 2022 “Wounds, grafts, and flaps: Fitting the pieces together”
Wound Care Education Series
Aurora, CO
- 2022 “Strategies in Limb Preservation and Nerve Pain”
Advancing Patient Possibilities: Physician and Patient Perspectives on Limb Loss and Limb Difference
Limb Preservation Foundation
Golden, CO
- 2022 “Strategies in Limb Preservation and Nerve Reconstruction”
AlloSource
Centennial, CO
- 2022 “Limb Preservation and Level Sparing Amputation”
Colorado Foot and Ankle Society Educational Conference
Greenwood Village, CO

- 2022 “Wound Care”
Colorado Foot and Ankle Society Educational Conference
Greenwood Village, CO
- 2022 “Free Tissue and Flap Reconstruction of the Foot”
Colorado Foot and Ankle Society Educational Conference
Greenwood Village, CO
- 2023 “Nerve surgery: Concepts of healing and treatment of neuropathic pain”
Department of Anesthesia Grand Rounds
Aurora, CO
- 2023 “Reconstruction of a Severe Lower Extremity Injury; Hope and Healing in Limb Preservation”
Limb Preservation Foundation
Golden, CO
- 2023 “Extremity Trauma Follow-up and Outcomes”
Trauma and Burn Outreach Grand Rounds
Aurora, CO
- 2023 “Microsurgical Restoration of Upper Extremity Injuries: Flaps and Nerve Injuries”
Kleinert Institute for Hand and Microsurgery
Hand Surgery Fellowship Lecture
Louisville, KY
- 2023 “Treatment of Neuropathic Pain: Successes and Frustrations”
Christine M. Kleinert Institute for Hand and Microsurgery
Hand Surgery Fellowship Lecture
Louisville, KY
- 2023 “Metacarpal Artery, Homodigital, and Radial Forearm Flaps”
Kleinert Institute for Hand and Microsurgery
Hand Surgery Fellowship Lecture
Louisville, KY
- 2023 “Extremity Microsurgery: Treatment of Neuropathic Pain”
Mayo Clinic
Hand Surgery Fellowship Lecture
Rochester, MN
- 2024 “Motor Nerve Injuries and Reconstruction with Nerve Transfers”
University of Chicago
Hand Surgery Fellowship Lecture
Chicago, IL
- 2024 “Extremity Microsurgery and Treatment of Neuropathic Pain”

Loyola University
Hand Surgery Fellowship Lecture
Chicago, IL

- 2024 “Discovering Upper Limb Potential”
Limb Preservation Foundation
Golden, CO
- 2024 “Resilience Unleashed: A Journey of Triumph and Tenacity in Wrestling after Leg Amputation”
Limb Preservation Foundation
Golden, CO
- 2024 “Extremity Trauma: Management and Outcomes”
14th Annual Western Colorado Trauma Conference
Delta, CO
- 2024 “Limb Preservation: Extremity Microsurgery, Pain, and Osseointegration”
Harvard Medical School Plastic Surgery Residency
Grand Rounds
Boston, MA
- 2024 “Major Motor Nerve Injuries: Strategies for Reconstruction of Function and Repair of Pain with Nerve Transfers”
Kaiser Permanente
San Jose, CA
- 2024 “Upper Extremity Techniques for TMR and RPNI”
2nd Denver Health Orthoplastic Conference
Denver, CO

Invited Presentations: National and International

- 2013 Medical Students Interested in Plastic Surgery
Instruction Session at the Meeting of the American Society for Aesthetic Plastic Surgery
New York, NY
- 2013 Suture Skills Session: Basic Techniques
Assistant Course Instructor - Lecture/assist in suture techniques
American Medical Student Association Annual Convention
Washington, DC
- 2013 Suture Skills Session: Advanced Techniques
Assistant Course Instructor - Lecture/assist in suture techniques
American Medical Student Association Annual Convention
Washington, DC

- 2016 Complex Trauma Cases: Working Together with Orthopaedic and Plastic Surgery.
Panel discussion and presentation at the 71st Annual Meeting of the American Society for
Surgery of the Hand
Austin, TX
- 2017 The Complete Hand Surgeon: Flaps You Should Know After Fellowship
Table Instructor
72nd Annual Meeting of the American Society for Surgery of the Hand
San Francisco, CA
- 2017 Medial Femoral Condyle Flap: Applications and Indications
Table Instructor
2nd Annual Oncological Reconstruction and Microsurgery Course
Denver, CO
- 2017 Limb Preservation and Soft Tissue Reconstruction of the Foot: Role of the Plastic Surgeon
The Diabetic Lower Extremity Symposium: From Innovation to Therapy
Boston, MA
- 2019 Medial Femoral Trochlea Osteoarticular Microvascular Bone Flap for Unreconstructable
Scaphoid Nonunions
Moderator/Speaker American Society for Surgery of the Hand Meeting
Las Vegas, NV
- 2019 Ulnar Nerve Palsy: Nerve Transfers vs. Tendon Transfers
Moderator/Speaker American Society for Plastic Surgery Meeting
San Diego, CA
- 2019 Replantation Surgery in the 21st Century: Should We Save that Index Finger?
Moderator/Speaker American Society for Plastic Surgery Meeting
San Diego, CA
- 2020 Non-operative and operative intervention for DRUJ Instability: How and when to
intervene
Moderator/Speaker American Society for Surgery of the Hand Meeting
Virtual Meeting
- 2020 My Favorite Flaps in the Hand
Moderator/Speaker American Society for Plastic Surgery Meeting
Virtual Meeting
- 2021 My Favorite Flaps in the Hand
Speaker, American Society of Plastic Surgery Meeting
Atlanta, GA

- 2021 Top 5 Innovations that have made my practice easier: Ultrasound, WALANT, Field Sterility, No-Hurt Local, Intraop Patient Education
Lead/Moderator
Atlanta, GA
- 2021 Carpal Instability - SLAC, SNAC, wrist arthritis, and salvage procedures
Course Lead, Speaker, 76th Annual Meeting of the American Society for Hand Surgery
"Arterial Anatomy and Dorsal Metacarpal Flaps"
San Francisco, CA
- 2021 Carpal Instability - SLAC, SNAC, wrist arthritis, and salvage procedures
Speaker, American Society of Plastic Surgery Meeting
"Wrist Arthritis: Etiologies and Nonsurgical Treatment"
Atlanta, GA
- 2022 ASSH Comprehensive Review in Hand and Upper Extremity Surgery
Session VI: Soft tissue Reconstruction/Microvascular
"Reconstruction of Fingertip, Digit, and Thumb Injuries"
Virtual Meeting
- 2023 Comprehensive Hand Review Course
Speaker, American Association for Hand Surgery
"Free Flaps Functional Muscle Transfers"
Virtual Meeting
- 2023 My Favorite Flaps in the Hand
Chair/Moderator
Plastic Surgery The Meeting 2023 (ASPS)
Austin, TX
- 2024 Hand Flaps 101
Chair/Moderator
American Association for Hand Surgery Meeting
Nassau, Bahamas
- 2024 Proximal Hand and Forearm Replantation
Session: Instructional Course 50: Mastering Replantation
ASSH Annual Meeting
Minneapolis, MN
- 2024 Reconstruction of Fingertip, Digit and Thumb Injuries
Session: Session VI: Soft Tissue Reconstruction/Microvascular
ASSH Comprehensive Review Course (virtual)

- 2025 The Haves and the Have Nots: Limb Salvage vs. Advanced Amputation Care
PS114. A Comprehensive Approach to Mangled Hand Injuries
American College of Surgeons Clinical Congress 2025
Chicago, IL

Report of Scholarship

Poster Presentations and Exhibits Presented at Professional Meetings

Presentations with Special Recognition

- 2011 Periosteal Angiosome of the Descending Geniculate Artery.
Iorio ML (presenter), Masden D, Higgins JP
Podium Presentation at Plastic Surgery 2011, Meeting of the American Society of Plastic Surgeons
Denver, CO
Award: Outstanding Paper Presentation, American Society of Plastic Surgeons
- 2021 Macromastia and Reduction Mammoplasty: Analysis of Total Cost of Care and Opioid Consumption at 10-Years Post-Operatively
Jabbari K, Gehring MB, Iorio ML, Mathes DW, Kaoutzanis C.
Poster Presentation at the 36th Annual Student Research Forum
University of Colorado School of Medicine
Aurora, CO
Award: Monetary award
- 2023 Analysis of Complications in Patients with a History of Cannabis Use and Tobacco Use Undergoing Implant-based or Autologous Breast Reconstruction
Lee N, Tuano K, Le EL, Garoosi K, Kaoutzanis C, Winocour J, Iorio ML, Mathes DW.
Podium Presentation at the American Society for Reconstructive Microsurgery (ASRM) Meeting 2023
Fort Lauderdale, FL
Award: Elisabeth K. Beahm MD Best Breast Paper Award

Local and Regional Presentations

- 2009 The Use of Integra, a Bilayered Human Skin Equivalent, in the Treatment of Diabetic Foot Ulcers
Podium Presentation at the Northeastern Society of Plastic Surgeons Meeting
Charleston, South Carolina
- 2010 Converting a Complex Wound to a Simple Wound: The Role of Extracellular Matrix
Podium Presentation at the Diabetic Limb Salvage Conference
Washington, DC
- 2010 Upper Extremity Peripheral Nerve Reconstruction: An Algorithm for Injury Classification and Repair Techniques.
Podium Presentation at the Northeastern Society of Plastic Surgeons Meeting
Washington, DC (Abstract selected for oral presentation/presenter)

- 2011 Presurgical Planning and Time-Efficiency in Orthognathic Surgery: The Use of Computer-Assisted Surgical Simulation.
Podium Presentation at the Northeastern Society of Plastic Surgeons Meeting
Amelia Island, FL (Abstract selected for oral presentation/presenter)
- 2012 Osseous and Cutaneous Angiosomes of the Descending Geniculate Artery
Hand Surgery Panel: Adult/Reconstructive: Medial Femoral Condyle (MFC)
Vascularized Bone Reconstruction of Upper Extremity Nonunions
Northeastern Society of Plastic Surgeons Meeting
Boston, MA
- 2012 Improving Patient Selection for Limb Salvage Verses Early BKA
Podium Presentation at the 2012 Vascular Annual Meeting
National Harbor, Maryland
- 2016 Diagnosis of TFCC Injuries: A systematic Review and Meta-analysis Comparing the Accuracy of Multiple Imaging Modalities
Podium Presentation at the 27th Annual Richard J. Smith Day
Third Annual Jesse B. Jupiter International Hand Forum Upper Extremity Reconstruction
Cambridge, MA (Abstract selected for presentation)
- 2016 The Impact of Safety Regulations on the Incidence of Power Saw Injuries in the United States.
Podium Presentation at the 27th Annual Richard J. Smith Day
Third Annual Jesse B. Jupiter International Hand Forum Upper Extremity Reconstruction
Cambridge, MA (Abstract selected for presentation)

National and International Presentations

- 2009 The Use of Integra, a Bilayered Human Skin Equivalent, in the Treatment of Diabetic Foot Ulcers
Iorio ML, Goldstein J, Adams M, Steinberg J, Attinger CE
Podium Presentation at the Northeastern Society of Plastic Surgeons Meeting
Charleston, SC
- 2009 The Use of Integra, a Bilayered Human Skin Equivalent, in the Treatment of Diabetic Foot Ulcers
Iorio ML, Goldstein J, Adams M, Steinberg J, Attinger CE
Podium Presentation at Plastic Surgery 2009, Meeting of the American Society of Plastic Surgeons
Seattle, WA

- 2011 Presurgical Planning and Time-Efficiency In Orthognathic Surgery: The Use of Computer-Assisted Surgical Simulation.
Iorio ML, Masden D, Baker SBB
Podium Presentation at Plastic Surgery 2011, Meeting of the American Society of Plastic Surgeons
Denver, CO
- 2011 Periosteal Angiosome of the Descending Geniculate Artery.
Iorio ML, Masden D, Higgins JP
Podium Presentation at the 29th Annual Adrian E. Flatt Residents and Fellows Conference in Hand Surgery, American Society for Surgery of the Hand
Las Vegas, NV
- 2011 Periosteal Angiosome of the Descending Geniculate Artery.
Iorio ML, Masden D, Higgins JP
Podium Presentation at Plastic Surgery 2011, Meeting of the American Society of Plastic Surgeons
Denver, CO
- 2011 Comparison of the Osseous Characteristics of Medial Femoral Condyle and Fibula Flaps.
Masden D, Iorio ML, Higgins JP
Podium Presentation at the 6th Congress of the World Society for Reconstructive Microsurgery Meeting
Helsinki, Finland
- 2011 Modified Approach for Lateral Femoral Cutaneous Nerve Decompression in Patients with Meralgia Paresthetica.
Ducic I, Iorio ML.
Podium Presentation at the American Society for Peripheral Nerve Meeting
Cancun, Mexico
- 2011 Chronic Post-operative Breast Pain: Danger Zones for Nerve Injuries
Ducic I, Iorio ML, Seiboth L.
Podium Presentation at the American Society for Reconstructive Microsurgery Meeting
Cancun, Mexico
- 2012 Plastic Surgery Training and the ACGME Guidelines: Evaluating Patient Satisfaction in a Resident Clinic.
Iorio ML, Stolle E, Brown B, Baker SB
Podium Presentation at the Meeting of the American Society for Aesthetic Plastic Surgery
Vancouver, British Columbia

- 2012 Periosteal and Cutaneous Angiosomes of the Descending Geniculate Artery.
Iorio ML, Higgins JP
Podium presentation at the American Society for Plastic Surgery Senior Residents Conference
Chicago, IL
- 2013 Combined Tendon and Posterior Leg Free Tissue Reconstructions for Achilles Tendon Defects: A Functional Evaluation of Vascularized Tendon Outcomes.
Han KD, Iorio ML, Evans KK, Attinger CE.
Podium presentation at the 8th Congress of the World Society for Reconstructive Microsurgery Meeting
Chicago, Illinois
- 2013 Analysis of the Deep and Superficial Inferior Epigastric Arteries Using Computed Tomographic Angiography: Relation to Abdominal Wall Thickness and Body Mass Index.
Barbour JR, Iorio ML, Han K, Kadkhodayan TS, Myckatyn TM
Podium Presentation at Plastic Surgery 2013, Meeting of the American Society of Plastic Surgeons
San Diego, California
- 2014 The Use of Pulse Oximetry for Objective Quantification of Vascular Injuries in the Hand.
Iorio ML, Tarabadkar N, Gundle K, Friedrich JB
Podium Presentation at the 69th Meeting for the American Society for Surgery of the Hand
Boston, MA
- 2015 Complex Hand and Wrist Reconstruction Using Free Vascularized Bone Grafts.
Leland HA, Alluri RK, Iorio ML, Carey JN, Constantinescu T, Patel KM
Podium Presentation at the Annual Meeting for the American Society of Plastic Surgeons
Boston, MA
- 2016 Glenohumeral Dysplasia Following Neonatal Brachial Plexus Palsy: Presentation During Infancy and Predictive Features.
Tse RW, Iorio ML, Menashe SJ, Iyer RS, Lewis SP, Steinman S, Whitlock KB
Podium Presentation at the American Society for Peripheral Nerve Annual Meeting
Scottsdale, AZ
- 2016 Extremity Reconstruction with Super-thin and Suprafascial Anterolateral Thigh Perforator Flaps.
Seth AK, Lee BT, Iorio ML
Podium Presentation at the 33rd Meeting of the Northeastern Society of Plastic Surgeons.
Baltimore, MD

- 2016 The Impact of Safety Regulations on the Incidence of Power Saw Injuries in the United States.
Harper CM, Vosbikian MM, Byers A, Iorio ML
Podium Presentation at the American Society for Surgery of the Hand
Austin, TX
- 2016 The Use of Pulse Oximetry for Objective Quantification of Vascular Injuries of the Hand.
Friedrich JB, Tarabadkar N, Gundle K, Iorio ML
Podium Presentation at the Australian Hand Surgery Society/American Society for Surgery of the Hand Combined Meeting
Sydney, Australia
- 2017 Surgeon-Based 3-D Printing for Vascularized Bone Transfers.
Taylor E, Iorio ML
Podium Presentation at the Annual Meeting for the American Society for Reconstructive Microsurgery
Waikoloa, HI
- 2017 Outcomes Following a Standardized Lower Extremity Free Flap Postoperative Pathway and Dangle Protocol.
Seth AK, Iorio ML
Podium Presentation at the Annual Meeting for the American Society for Reconstructive Microsurgery
Waikoloa, HI
- 2017 Surgeon-Based 3-D Printing for Vascularized Bone Transfers.
Taylor E, Iorio ML
Podium Presentation at the World Society for Reconstructive Microsurgery
Seoul, Korea
- 2017 Aggressive Limb Salvage in the Vasculopath: Thinning Flaps does not affect Functional Recovery.
Iorio ML, Diamond S, Seth AK
Podium Presentation at the World Society for Reconstructive Microsurgery
Seoul, Korea
- 2019 Kovar, A; Paton, M. Iorio, M. (2019). An Evaluation of Safety and Patient Outcomes for Hand Surgery Following Prior Breast Cancer Treatment: Establishing New Recommendations in Lymphedema.
Podium Presentation 74th Annual Meeting of the ASSH.
Las Vegas, NV.
- 2020 Evaluation of Primary and Secondary Free Flap Desyndactylization Techniques in Hand and Digit Reconstruction.
American Society of Plastic Surgery Meeting
Virtual Meeting

- 2021 A Case of Bilateral Distal Radius Fractures in a Patient with Severe Osteogenesis Imperfecta.
6th Annual Meeting of the Mountain West Society of Plastic Surgeons
Virtual Meeting
- 2022 Patterns of Opioid Use Following Operative Treatment of Distal Radius Fractures: Comparison and Predictive Factors for Diminished Need in Cannabis Users.
Podium Presentation American Association for Hand Surgery
Carlsbad, CA
- 2022 The Postoperative Effects of Cannabis Use in Body Contouring Patients: A Retrospective Cohort Study.
Tuaño KR, Le E, Yang JH, Mundra L, Constantine R, Mathes DW, Iorio ML, Kaoutzanis C
Podium Presentation at The Aesthetic Meeting 2022
San Diego, CA
- 2022 Analysis of Complications in the Setting of Corticosteroid Injection for Patients with Carpometacarpal Joint Arthritis.
Lee N, Iorio ML
Podium presentation. American Society for Plastic Surgery Meeting (ASPS)
Boston, MA
- 2022 Extended Vs Standard Duration Venous Thromboembolism Chemoprophylaxis Following Microsurgical Breast Reconstruction: A Retrospective Cohort Study of Venous Thromboembolism Events.
Le EL, Saifee J, Constantine RS, Tuaño KR, Yang J, Kaoutzanis C, Mathes DW, Iorio ML
Podium presentation at the Plastic Surgery Research Council Annual Meeting (PSRC)
Toronto, Ontario, Canada
- 2022 Patterns of Postoperative Opioid Use in Transgender Patients Undergoing Chest Masculinizing Surgeries.
Lee N, Gehring M, Winocour J, Iorio ML, Mathes DW, Kaoutzanis C
Podium presentation at World Professional Association for Transgender Health (WPATH)
Montreal, Quebec, Canada
- 2023 Patterns of Postoperative Opioid Use in Patients Undergoing Surgical Treatment of Traumatic Mandibular Fractures.
Lee N, Nguyen TT, Jabbari K, Le ELH, Mathes DW, Yu JW, Kaoutzanis C, Iorio ML
Podium presentation at Plastic Surgery The Meeting 2023 (ASPS)
Austin, TX

- 2023 Opioid Consumption following Autologous Flap Breast Reconstruction: Effect of Depression and Anxiety at 90 Days Post-Operatively.
Jabbari K, Gehring MB, Lee N, Iorio ML, Winocour J, Mathes DW, Kaoutzanis C
Podium presentation at Plastic Surgery The Meeting 2023 (ASPS)
Austin, TX
- 2024 Risk Factors for Concomitant Injury Following Electric Scooter Accidents in the United States: A One-Year Review of a National Database.
Jabbari K, Fisher M, Allenby T, Gehring MB, Najafli D, Su AA, Washington KM, Mathes D, Greyson M, Iorio ML.
Podium Presentation at Plastic Surgery The Meeting (ASPS).
San Diego, California.
- 2024 Effect of Targeted Muscle Reinnervation on Postoperative Opioid Consumption Among Patients with Peripheral Artery Disease Following Lower Extremity Amputation.
Jabbari K, Fisher M, Allenby T, Gehring MB, Najafli D, Su AA, Washington KM, Mathes D, Greyson M, Iorio ML.
Podium Presentation at Plastic Surgery The Meeting (ASPS).
San Diego, California.
- 2024 Surgical Outcomes after Scalp Reconstruction with Free Tissue Transfer.
Lee AD, Yang J, Johnson A, Winocour J, Iorio ML, Chong T, Kaoutzanis C, Yu J, Nguyen P, Khechoyan D, Mathes D.
Podium Presentation at Plastic Surgery The Meeting (ASPS).
San Diego, California.
- 2024 Intraneural Topography and Branching Pattern of the Common Peroneal Nerve: Surgically Relevant Anatomy for the Peripheral Nerve Surgeon.
Le ELH, Allenby T, Fisher M, Constantine RS, McNamara CT, Iorio ML
Podium Presentation at Plastic Surgery The Meeting (ASPS).
San Diego, California.
- 2025 Earley EJ, Shaw KG, Awad ME, Gaffney BMM, Christiansen CL, Iorio ML, Stoneback JW, Melton DH. Phantom Limb, Residual Limb, and Bodily Pains in Persons with Unilateral Lower Limb Amputation.
Podium Presentation at 2025 World Congress of the International Society for Prosthetics and Orthotics (ISPO), Stockholm, Sweden. June 16-19, 2025.

Professional Meeting Poster Presentations

- 2006 Fluorescent Stereoscopic Photography for Quantifying the Histologic Characteristics of Adipocytes from Different Regional Anatomic Sources
Poster presentation at IFATS 2006, Meeting of the International Federation of Adipose Therapeutics and Science, Baton Rouge, Louisiana
- 2006 Identification of Preadipocytes in Human Adipose Tissue: Techniques and

- Applications for Staining Adipocyte Precursors
*Poster presentation at IFATS 2006, Meeting of the International Federation of Adipose Therapeutics and Science
Baton Rouge, Louisiana*
- 2006 One-Stage Abdominal Wall Herniorrhaphy and Body Contouring in the Morbidly Obese Patient
*Poster presentation at Plastic Surgery Meeting, American Society of Plastic Surgeons
San Francisco, California*
- 2011 Periosteal Angiosome of the Descending Geniculate Artery
*Poster Presentation at the 6th Congress of the World Society for Reconstructive Microsurgery Meeting
Helsinki, Finland*
- 2011 Angiosome Territory of the Medial Femoral Condyle Osteocutaneous Flap
*Poster Presentation at the 6th Congress of the World Society for Reconstructive Microsurgery Meeting
Helsinki, Finland*
- 2011 Conversion of Below Knee Amputations to Above Knee Amputations and Revision Rates: A Case Series
*Poster Presentation at the Diabetic Limb Salvage Meeting
Washington, DC*
- 2011 Ambulation Rates Following Below Knee Amputations: The Georgetown Experience
*Poster Presentation at the Diabetic Limb Salvage Meeting
Washington, DC*
- 2011 Angiosome Territory of the Medial Femoral Condyle Osteocutaneous Flap
*Poster Presentation at the 66th Meeting of the American Society for Surgery of the Hand
Las Vegas, Nevada*
- 2012 Comparison of the Osseous Characteristics of Medial Femoral Condyle and Fibula Flaps
*Poster Presentation at the American Society for Reconstructive Microsurgery Annual Meeting
Las Vegas, Nevada*
- 2012 Defining the Medial Femoral Condyle Osteocutaneous Flap: Selective Angiosome Perfusion
*Poster Presentation at the American Society for Reconstructive Microsurgery Annual Meeting
Las Vegas, Nevada*

- 2012 Regional Periosteal Perfusion of the Descending Geniculate Artery
Poster Presentation at the American Society for Reconstructive Microsurgery Annual Meeting
Las Vegas, Nevada
- 2012 Surgeon Perceptions and Patient Outcomes Regarding Proximal Ulna Fixation: A Multicenter Experience
Poster Presentation at the Combined Meeting of the American Society for Surgery of the Hand and Australian Hand Surgery Society
Kauai, Hawaii
- 2012 A Systematic Review and Pooled-analysis of Peroneal Artery Perforators for Free-tissue Transfer and Local Flaps
Poster Presentation at George Washington University Research Days
Washington, DC
- 2012 Improving Below Knee Amputation Outcomes with a Vascularized Fibular Graft: A Case Series
Poster Presentation at the 91st Meeting of the American Association of Plastic Surgeons
San Francisco, California
- 2012 Wound Healing in the Upper and Lower Extremities: A Systematic Review on the Use of Acellular Dermal Matrices.
Poster Presentation at the Northeastern Society of Plastic Surgeons Meeting
Boston, Massachusetts
- 2012 Combined Achilles Tendon and Soft Tissue Defects: Functional Outcomes of Free Tissue Transfers with Vascularized Tendon
Poster Presentation at the Diabetic Limb Salvage Conference
Washington, DC
- 2013 Combined Achilles Tendon and Soft Tissue Defects: Functional Outcomes of Free Tissue Transfers with Vascularized Tendon
Poster Presentation at the 58th Annual Meeting of the Plastic Surgery Research Council
Santa Monica, California
- 2014 Morphology of the Extensor Carpi Ulnaris Groove.
Poster Presentation at the Residents and Fellows Conference at the 69th Meeting for the American Society for Surgery of the Hand
Boston, MA
- 2016 Financial Analysis: Orthopedic Medical Device 510(k) vs. PMA Approval Feasibility
Poster Presentation at 5th Annual Harvard Medical School Surgery Research Day

Boston, MA

- 2016 Comparing Physician and Patient Perceptions of an Orthopedic Clinic Visit
*Poster Presentation at 5th Annual Harvard Medical School Surgery Research Day
Boston, MA*
- 2016 Prevention of Thumb Web Space Contracture with Multiplanar External Fixation
*Poster Presentation at 5th Annual Harvard Medical School Surgery Research Day
Boston, MA*
- 2016 The Impact of Safety Regulations on the Incidence of Power Saw Injuries in the United States
*Poster Presentation at 5th Annual Harvard Medical School Surgery Research Day
Boston, MA*
- 2016 Diagnosis of Triangular Fibrocartilagenous Complex Injuries: A Systematic Review and Meta-Analysis Comparing the Accuracy of Multiple Imaging Modalities for Injury Diagnosis and Site-Specific Lesion Detection
*Poster Presentation at the 71st Annual Meeting of the American Society for Surgery of the Hand
Austin, TX*
- 2016 Vascularized Bone Grafting in Scaphoid Nonunion: A Review of Patient-Centered Outcomes
*Poster Presentation at the American Academy of Orthopaedic Surgery
Orlando, FL*
- 2019 Targeted Muscle Reinnervation: Outcomes in Treating Chronic Pain and Phantom Limb Syndrome.
*Poster Presentation at the Mountain West Society of Plastic Surgeons
Jackson, WY*
- 2020 An Evaluation of Safety and Patient Outcomes for Hand Surgery Following Prior Breast Cancer Treatment: Establishing New Recommendations in Lymphedema.
*Poster Presentation at the Mountain West Society of Plastic Surgeons Annual Meeting
Snowmass, CO*
- 2020 Fundamentals of Microsurgery: Pilot Study for a Standardized Training Model.
*Poster Presentation at the Mountain West Society of Plastic Surgeons Annual Meeting.
Snowmass, CO*
- 2020 An Evaluation of Safety and Patient Outcomes for Hand Surgery Following Prior Breast Cancer Treatment: Establishing New Recommendations in Lymphedema.
*Poster Presentation University of Colorado Department of Medicine Research Day
Aurora, CO*

- 2021 Intramedullary Fixation for Metacarpal Fractures: A Prospective Outcomes Study. *Virtual Poster Presentation at the 76th American Society for Surgery of the Hand. San Francisco, CA*
- 2022 Risk Factors for Infection After Distal Radius Fracture Fixation: Analysis of a National Database and Impact on Cost of Care. *Poster Presentation at the American Association for Hand Surgery. Carlsbad, CA*
- 2022 Dupuytren's Contracture Induces Stenosing Tenosynovitis? Analysis of a National Database Investigating Dupuytren's Impact on the Development of Trigger Finger. *Poster Presentation at the American Association for Hand Surgery. Carlsbad, CA*
- 2022 Macromastia and Reduction Mammoplasty: Analysis of Total Cost of Care and Opioid Consumption at 10-Years Post-Operatively. *Poster Presentation at the 7th Annual Mountain West Meeting Snowbird, UT*
- 2022 Risk Factors Associated with Pressure Ulcer Recurrence after Reconstruction: Analysis of a National Database. *Poster Presentation. American Society for Plastic Surgery Meeting (ASPS) Boston, MA*
- 2022 Analysis of Postoperative Distal Radius Fracture Outcomes in the Setting of Osteopenia and Osteoporosis for Patients with Comorbid Conditions. *Poster presentation. American Society for Hand Surgery Meeting (ASSH) Boston, MA*
- 2022 Atraumatic Radial and ulnar artery Thrombotic Occlusion Resulting in Critical Limb Ischemia Triggered by Black Mold Infestation. *Poster presentation. Vascular Scientific Sessions, Society for Vascular Medicine Denver, CO*

Report of Grant Funding

- 2010 Raymond M. Curtis Research Grant
"Defining the physiologic components of the medial femoral condyle vascularized bone graft: a two-part study"
The goal of this study was to investigate the vascular irrigation and composition of the osteochondral free flap from the medial femoral condyle, and the potential for a osteochondral-cutaneous component.
Principal Investigator
- 2010 Raymond M. Curtis Research Grant
"Retrospective review of Kienbocks patients and the incidence of type I and II lunate morphology"

The goal of this study was to investigate the varying morphology of the lunate in patients with Kienbock disease to determine risk factors for disease development or progression.
Principal Investigator

Report of Scholarship

Published Abstracts

- 2003 Genetic relatedness of mucosa-associated and nonadherent commensal E. coli strains isolated from Crohns disease (CD) patients.
Hendrickson BA, Tao Y, Price J, **Iorio ML**, Berjohn CM, Kirschner BS, Dizikes G. *Gastroenterology*. 2003 Apr; 124(4):320S.
- 2011 Periosteal Angiosome of the Descending Geniculate Artery.
Iorio ML, Masden D, Higgins JP.
Plastic and Reconstructive Surgery. 2011. September.
doi:10.1097/01.prs.0000406246.36631.ba
- 2017 Pediatric Open Tibial Fractures in the Unites States: Analysis of Incidence, operative Strategies and Resource Utilization over 15 years.
Bucknor, A, Ultee KHJ, Huang A, Chattha AS, Chen A, Afshar S, Lin SJ, **Iorio ML**. *Plastic and Reconstructive Surgery Global Open*. 2017 September. Vol 5: Issue 9S: 167. doi: 10.1097/01.GOX.0000526405.47863.ce
- 2020 Wound Complications In Revision Total Knee Arthroplasty: An Analysis of ACS-NSQIP.
Mundra LS, **Iorio ML**.
Plastic and Reconstructive Surgery Global Open. 2020 July. Vol 8: Issue 7S:8. doi: 10.1097/01.GOX.0000696032.48167.20

Peer reviewed publications in print or other media (* senior/ corresponding author)

1. Mahadevan D, Cooke L, Riley C, Swart R, Simons B, Della Croce K, Wisner L, **Iorio M**, Shakalya K, Garewal H, Nagle R, Bearss D. A novel tyrosine kinase switch is a mechanism of imatinib resistance in gastrointestinal stromal tumors. *Oncogene*. 2007 Jun 7;26(27):3909-19. PMID: 17325667.
2. Davison SP, Grant NN, Schwarz KA, **Iorio ML**. Maximizing flap inset for tongue reconstruction. *Plast Reconstr Surg*. 2008 Jun; 121(6):1982-5. PMID: 18520885.
3. Seruya M, Venturi ML, **Iorio ML**, Davison SP. Efficacy and safety of venous thromboembolism prophylaxis in highest risk plastic surgery patients. *Plast Reconstr Surg*. 2008 Dec; 122(6):1701-8. PMID: 19050522.
4. Davison SP, Parikh PM, Jacobson JM, **Iorio ML**, Kalan M. A "buttressed mesh" technique for fascial closure in complex abdominal wall reconstruction. *Ann Plast Surg*. 2009 Mar; 62(3):284-9. PMID: 19240526.

5. Ducic I, **Iorio ML**, Al-Attar A. Chronic Headaches/Migraines: Extending indications for reduction mammoplasty. *Plast Reconstr Surg*. 2010 Jan; 125(1):44-49. PMID: 20048598.
6. Goldstein J, **Iorio ML**, Brown B, Attinger CE. The use of negative pressure wound therapy for random local flaps at the ankle region. *J Foot Ankle Surg*. 2010 Nov-Dec; 49(6):513-6. PMID: 20801691.
7. Masden DM, Felder JM, **Iorio ML**, Bhanot P, Attinger CE. Abdominal wall reconstruction with implantable meshes. *J Long Term Eff Med Implants*. 2011; 21(1):25-50. PMID: 21663579.
8. Ducic I, Felder JM, **Iorio ML**. The role of peripheral nerve surgery in diabetic limb salvage. *Plast Reconstr Surg*. 2011 Jan; 127(1):259S-269S. PMID: 21200300.
9. Ducic I, Seiboth LA, **Iorio ML**. Chronic post-operative breast pain: Danger zones for nerve injuries. *Plast Reconstr Surg*. 2011 Jan; 127(1):41-46. PMID: 21200198.
10. **Iorio ML**, Goldstein J, Adams M, Steinberg J, Attinger C. Functional limb salvage in the diabetic patient: The use of a collagen bilayer matrix and risk factors for amputation. *Plast Reconstr Surg*. 2011 Jan; 127(1):260-267. PMID: 20938372.
11. Ducic I, **Iorio ML**. Modified approach for lateral femoral cutaneous nerve decompression in patients with meralgia paresthetica. *Plast Reconstr Surg*. 2011 Mar; 127(3):82e-83. PMID: 21364401.
12. **Iorio ML**, Endara M, Attinger CE. Occult irradiation injury following angiographic procedures: Recognition and treatment of an evolving complication. *Ann Plas Surg*. 2011 Aug;67(2):109-13. PMID: 21346526.
13. **Iorio ML**, Felder JM, Ducic I. Anterior branch of the obturator nerve: A novel motor autograft for complex peripheral nerve reconstruction. *Ann Plas Surg*. 2011 Sep; 67(3):260-2. PMID: 21712694.
14. **Iorio ML**, Masden D, Baker SB. Presurgical planning and time-efficiency in orthognathic surgery: The use of computer-assisted surgical simulation. *Plast Reconstr Surg*. 2011 Sep; 128(3):179e-81. PMID: 21865991.
15. Masden DL, **Iorio ML**, Higgins JP. Small joint reconstruction of the hand. *Clin Plast Surg*. 2011 Oct;38(4):751-60. PMID: 22032598.
16. **Iorio ML**, Masden DL, Higgins JP. The limits of medial femoral condyle corticoperiosteal flaps. *J Hand Surg Am*. 2011 Oct; 36(10):1592-6. PMID: 21872407.
17. Ducic I, Fu R, **Iorio ML**. Innovative treatment of peripheral nerve injuries: Combined reconstructive concepts. *Ann Plas Surg*. 2012 Feb; 68(2):180-7. PMID: 22270569.
18. **Iorio ML**, Masden DL, Higgins JP. Botulinum A toxin treatment of Raynaud's phenomenon: A review. *Semin Arthritis Rheum*. 2012 Feb;41(4):599-603. PMID: 21868066.

19. **Iorio ML**, Masden DL, Higgins JP. Cutaneous angiosome territory of the medial femoral condyle osteocutaneous flap. *J Hand Surg Am*. 2012 May; 37(5):1033-41. PMID: 22483181.
20. **Iorio ML***, Cheerharan M, Olding M. A systematic review and pooled-analysis of peroneal artery perforators for free-tissue transfer and local flaps. *Plast Recon Surg*. 2012 Sep; 130(3):600-7. PMID: 22575854.
21. Forman D, Greene B, **Iorio ML**. Conversion of the gastric Lap-Band port to low profile access: An adjunctive technique during abdominoplasty in the bariatric patient. *J Am Coll Surg*. 2012 Nov; 215(5):19-21. PMID: 22951034.
22. **Iorio ML**, Shuck J, Attinger CE. Wound healing in the upper and lower extremities: A systematic review on the use of acellular dermal matrices. *Plast Recon Surg*. 2012 Nov; 130(5 Suppl 2):232S-41S. PMID: 23096978.
23. Edwards SG, Cohen MS, Lattanza LL, **Iorio ML**, Daniels C, Lodha S, Smucny M. Surgeon perceptions and patient outcomes regarding proximal ulna fixation: A multicenter experience. *J Shoulder Elbow Surg*. 2012 Dec; 21(12):1637-43.
24. **Iorio ML**, Stolle E, Brown B, Christian C, Baker SB. Plastic surgery training: Evaluating patient satisfaction with facial fillers in a resident clinic. *Aesthetic Plast Surg*. 2012 Dec; 36(6):1361-6. PMID: 22986545.
25. **Iorio ML**, Endara M, Ducic I. Reduction mammoplasty in patients with a medialized nipple areola complex: Modification of the superomedial dermoglandular pedicle and skin pattern. *Plast Recon Surg*. 2013 Feb; 131(2):302e-3e. PMID: 23358042.
26. Brown BJ, **Iorio ML**, Hill L, Carlisle B, Attinger CE. Below knee amputation with a vascularized fibular graft and headless compression screw. *Plast Recon Surg*. 2013 Feb; 131(2):323-7. PMID: 23357993.
27. **Iorio ML***, Shuck J, Hung R, Davison SP. Autologous fat grafting and injectable dermal fillers for HIV associated facial lipodystrophy: A systematic review and comparison of long-term treatment outcomes. *Plast Recon Surg*. 2013 Mar; 131(3):499-506. PMID: 23142937.
28. **Iorio ML**, Barbour JR. Recurrent digital infections and osteomyelitis in monozygotic twins with congenital analgesia and compulsive onychophagia. *J Child Neurol*. 2013 Apr; 29(7):962-964. PMID: 23549047.
29. Masden DL, **Iorio ML**, Higgins JP. Comparison of the osseous characteristics of medial femoral condyle and fibula flaps. *J Hand Surg E*. 2013; 38:437-439. PMID: 22618561.
30. Barbour JR, Sher SR, **Iorio ML**. Retrospective analysis of insurance-based reduction mammoplasties: Long-term trends for subsequent cosmetic procedures. *Plast Recon Surg*. 2013 Aug; 132(2):322e-3. PMID: 23897369.

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