

CURRICULUM VITAE

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Faculty Positions

2019-current Assistant Clinical Professor
Dept. of Orthopaedics (Trauma)
UC Irvine Medical Center
Orange, CA

Training

2018-2019 Fellowship in Orthopaedic Trauma
UT Houston
Houston, TX

2013-2018 Resident in Orthopaedic Surgery
Administrative Chief Resident 2017-2018
UC Irvine Medical Center
Orange, CA

Education

2008-2013 Rutgers University, New Jersey Medical School (NJMS)
Degree: M.D.

2006-2007 Rutgers University, Graduate School of Biomedical Sciences
Degree: M.B.S., Masters in Biomedical Science

2001-2005 University of California, Los Angeles (UCLA)
Degree: B.S. in Microbiology, Immunology, and Molecular Genetics

Publications

Chin G, Etiz BAF, Nelson AM, **Lim PK**, Scolaro JA. Cannabinoids for Pain Modulation in Orthopedic Surgery. *Orthopedics*. 2022 Jul 12;1-8. doi: 10.3928/01477447-20220706-03.

Shu HT, Yu AT, **Lim PK**, Scolaro JA, Shafiq B. Chemoprophylaxis for venous thromboembolism in pelvic and/or acetabular fractures: A systematic review. *Injury*. 2022 Apr;53(4):1449-1454.

Shaath MK, Avilucea FR, **Lim PK**, Chip Routt ML Jr. A New Algorithm for Classifying Acetabular Fracture Patterns on Three-dimensional Computed Tomography Reconstructions Markedly Improves Residents' Ability to Correctly Classify Fractures. *J Am Acad Orthop Surg*. 2022 Jan 15;30(2):79-83.

Gausden EB, **Lim PK**, Rabonivich A, Shaath MK, Mitchell PM, Hartline B, Achor TS, Warner SJ.

- Outcomes of periprosthetic distal femur fractures following total knee arthroplasty: Intramedullary nailing versus plating. *Injury*. 2021 May 12;S0020-1383(21)00432-0.
- Chin G, Etiz BAF, Nelson AM, **Lim PK**, Scolaro JA. Knowledge and Opinion on Cannabinoids Among Orthopaedic Traumatologists. *J Am Acad Orthop Surg Glob Res Rev*. 2021 Apr 19;5(4):e21.00047.
- Shaath MK, Avilucea FR, **Lim PK**, Warner SJ, Achor TS. Increasing Fellow Recruitment: How Can Fellowship Program Websites Be Optimized? *J Am Acad Orthop Surg*. 2020 Dec 15;28(24):e1105-e1110.
- Shaath MK, **Lim PK**, Andrews R, Chip Routt ML. Morbid obesity and short-term complications following acetabular fracture surgery: A comparative cohort study. *Injury*. 2020 Nov;51(11):2622-2627.
- Lim PK**, Ahn J, Scolaro JA. Venous Thromboembolism Prophylaxis After Pelvic and Acetabular Fractures: A Survey of Orthopaedic Surgeons' Current Practices. *J Am Acad Orthop Surg*. 2020 Sep 15;28(18):750-755.
- Campbell ST, **Lim PK**, Kantor AH, Gausden EB, Goodnough LH, Park AY, Bishop JA, Achor TS, Scolaro JA, Gardner MJ. Complication Rates after Lateral Plate Fixation of Periprosthetic Distal Femur Fractures: A Multicenter Study. *Injury*. 2020 Aug;51(8):1858-1862.
- Shaath MK, **Lim PK**, Andrews R, Gausden EB, Mitchell PM, Tissue CM, Chip Routt ML Jr. Clinical Results of Acetabular Fracture Fixation Using a Focal Kocher-Langenbeck Approach without a Specialty Traction Table. *J Orthop Trauma*. 2020 Jun;34(6):316-320.
- Yoon RS, Adams DM, Seigerman DA, **Lim PK**, Donegan DJ, Liporace FA. Impact of Surrounding Canal Size on Time to Union Following Intramedullary Nailing of Femur Fractures: Are 10-mm Nails All We Need? *J Orthop Trauma*. 2020 Apr;34(4):180-185.
- Zamorano DP, **Lim PK**, Haghverdian BA, Gupta R. Perioperative Management of the Orthopaedic Patient and Alcohol Use, Abuse, and Withdrawal. *J Am Acad Orthop Surg*. 2019 Mar 15;27(6):e249-e257.
- Lim PK**, Stephenson GS, Keown TW, Byrne C, Lin CC, Marecek G, Scolaro JA. Use of 3D Printed Models in Resident Education for the Classification of Acetabulum Fractures. *J Surg Educ*. 2018 Nov;75(6):1679-1684.
- Lim PK**, Sampathi B, Moroski NM, Scolaro JA. Acute Femoral Shortening for Reconstruction of a Complex Lower Extremity Crush Injury: A Case Report. *Strategies Trauma Limb Reconstr*. 2018 Nov;13(3):185-189.
- Capo JT, Shamian B, **Lim PK**. Corrective osteotomy and local bone grafting for extra-articular malunion of the proximal phalanx. *Hand Surg*. 2012;17(3):399-403.
- Reddy BY, **Lim PK**, Silverio K, Patel SA, Won BW, Rameshwar P. The Microenvironmental Effect in the Progression, Metastasis, and Dormancy of Breast Cancer: A Model System within Bone Marrow. *Int J Breast Cancer*. 2012;2012:721659.
- Gregory LA, Ricart RA, Patel SA, **Lim PK**, Rameshwar P. microRNAs, Gap Junctional Intercellular Communication and Mesenchymal Stem Cells in Breast Cancer Metastasis. *Curr Cancer Ther Rev*. 2011 Aug;7(3):176-183.
- Sung HJ, Ma W, Starost MF, Lago CU, **Lim PK**, Sack MN, Kang JG, Wang PY, Hwang PM. Ambient Oxygen Promotes Tumorigenesis. *PLoS One*. 2011 May 12;6(5):e19785.
- Lim PK**, Bliss SA, Patel SA, Taborga M, Dave MA, Gregory LA, Greco SJ, Bryan M, Patel PS, Rameshwar P. Gap Junction-Mediated Import of MicroRNA from Bone Marrow Stromal Cells Can Elicit Cell Cycle Quiescence in Breast Cancer Cells. *Cancer Res*. 2011 Mar 1;71(5):1550-60.
- Patel SA, Ndbahaliye A, **Lim PK**, Milton R, Rameshwar P. Challenges in the development of future treatments for breast cancer stem cells. *Breast Cancer (London)*. 2010;2:1-11.
- Patel SA, King CC, **Lim PK**, Habiba U, Dave M, Porecha R, Rameshwar P. Personalizing Stem Cell

Research and Therapy: The Arduous Road Ahead or Missed Opportunity? *Curr Pharmacogenomics Person Med.* 2010 Mar 1;8(1):25-36.

- Lim PK**, Patel SA, Gregory LA, Rameshwar P. Neurogenesis: Role for microRNAs and Mesenchymal Stem Cells in Pathological States. *Current Medicinal Chemistry.* 2010 Apr 28.
- Capo JT, Orillaza NS, **Lim PK**. Carpal boss in an adolescent: case report. *J Hand Surg Am.* 2009 Dec;34(10):1808-10.
- Shin KH, Kim RH, Kang MK, Kim RH, Kim SG, **Lim PK**, Yochim JM, Baluda MA, Park NH. p53 promotes the fidelity of DNA end-joining activity by, in part, enhancing the expression of heterogeneous nuclear ribonucleoprotein G. *DNA Repair (Amst).* 2007 Jun 1;6(6):830-40.
- Shin KH, Ahn JH, Kang MK, **Lim PK**, Yip FK, Baluda MA, Park NH. HPV-16 E6 oncoprotein impairs the fidelity of DNA end-joining via p53-dependent and independent pathways. *Intl. J. of Oncol.* 2006 Jan; 28(1):209-15.

Book Chapters

- Lim PK**, Reddy BY, Rameshwar P. (2014) Toward Personalizing Stem Cell Therapeutic Potential: Challenges and Opportunities for Regenerative Medicine. In *Handbook of Personalized Medicine: Advances in Nanotechnology, Drug Delivery and Therapy.* Pan Stanford Publishing, Singapore (Ed. Vizirianakis IS), p.1247-1270.
- Lim P**, Patel SA, Rameshwar P. (2010) Effective tissue repair and immunomodulation by mesenchymal stem cells within a milieu of cytokines. *In Stem Cell-Based Tissue Repair.* Royal Society of Chemistry Publishing, Cambridge, UK (Eds, Gorodetsky R & Schäfer R), p.338-357.

Courses/Abstracts/Presentations

- Lim PK**, Shafiq B, Gardner M, Egol K, Frankle M, Gupta R. Breakout Session - Proximal Humerus Fractures: From Rehab To Repair To Reverse. OTA Annual meeting, 2022.
- Lim PK**, Gupta R, Hacqueboard J, Shafiq B. Civilian Gunshot Injuries: Management of Soft Tissue, Long Bone and Periarticular Fractures. Instructional Course Lecture, Chicago, IL, AAOS Annual Meeting, 2022.
- Lim PK**, Kang KK. Subtrochanteric femur fractures in Surgical Insights: Taking Orthopaedic Trauma Call [online course]. Rosemont, IL, American Academy of Orthopaedic Surgeons, 2021.
- Shaath MK, **Lim PK**, Rabinovich A, Routt ML. Timing of Surgery Affects Perioperative Complications and Short-Term Outcomes After Surgical Treatment of Pelvic Ring Injuries. *Accepted for Podium presentation OTA Annual Meeting 2020.*
- Shaath MK, **Lim PK**, Andrews RA, Gausden EB, Mitchell PM, Tissue C, Routt ML. Using a Focal Kocher-Langenbeck Approach Without a Specialty Traction Table During Acetabular Fracture Fixation Yields Excellent Results. *Accepted for Poster presentation OTA Annual Meeting 2020.*
- Shaath MK, **Lim PK**, Andrews RM, Gausden EB, Mitchell PM, Routt ML. Morbid Obesity and Short-Term Complications Following Acetabular Fracture Surgery: A Comparative Cohort Study. *Accepted for Poster presentation OTA Annual Meeting 2020.*
- Shaath MK, **Lim PK**, Rabinovich A, Routt MLR. Morbid obesity Negatively Impacts Short-Term Complications After Operative Pelvic Ring Fracture Treatment: A Comparative Cohort Study. *Accepted for poster presentation AAOS Annual Meeting 2020.*
- Shaath MK, Tissue C, **Lim PK**, Andrews R, Gausden EB, Mitchell PM, Routt MLR. Using a Focal Kocher-Langenbeck Approach Without a Specialty Traction Table During Acetabular Fracture Fixation Yields Excellent Results. *Accepted for podium presentation AAOS Annual Meeting 2020.*
- Shaath MK, **Lim PK**, Andrews R, Gausden EB, Mitchell PM, Routt MLR. Timing of Surgery Affects

Perioperative Complications and Short-Term Outcomes After Open Surgical Treatment of Pelvic Ring Injuries. *Accepted for podium presentation AAOS Annual Meeting 2020.*

Shaath MK, **Lim PK**, Andrews R, Gausden EB, Mitchell PM, Routt MLR. Timing of Surgery Affects Perioperative Complications and Short-Term Outcomes After Open Surgical Treatment of Acetabular Fractures. *Accepted for podium presentation AAOS Annual Meeting 2020.*

Gausden EB, **Lim PK**, Rabinovich A, Shaath MK, Mitchell PM, Hartline B, Achor TS, Warner SJ. Alignment following Fixation of Periprosthetic Distal Femur Fractures: Comparing Intramedullary Nailing to Plating. *Accepted for podium presentation AAOS Annual Meeting 2020*

Shaath MK, **Lim PK**, Andrews R, Gausden EB, Mitchell PM, Routt MLR. Timing of Surgery Affects Perioperative Complications and Short-Term Outcomes After Open Surgical Treatment of Acetabular Fractures. Podium presentation at SICOT 2019.

Shaath MK, **Lim PK**, Andrews R, Gausden EB, Mitchell PM, Routt MLR. Obesity Does Not Impact Short-Term Complications After Operative Acetabular Fracture Treatment: A Comparative Cohort Study. Poster presentation at SICOT 2019.

Shaath MK, **Lim PK**, Andrews R, Gausden EB, Mitchell PM, Routt MLR. Using a Focal Kocher-Langenbeck Approach Without a Specialty Traction Table During Acetabular Fracture Fixation Yields Excellent Results. Poster presentation at SICOT 2019.

Shaath MK, **Lim PK**, Andrews R, Gausden EB, Mitchell PM, Routt MLR. Obesity is not a Risk Factor for Complications Following Acetabular Fracture Surgery: A Comparative Cohort Study. E-poster, WOA Annual Meeting, 2019.

Stephenson GS, **Lim PK**, Keown TW, Byrne C, Lin CC, Marecek G, Scolaro JA. Use of 3D Printed Models to Improve Acetabulum Fracture Identification. E-poster, WOA Annual Meeting, 2017.

Galle SE, Patel N, **Lim PK**, Scolaro JA. Can Manual Palpation to Detect Compartment Syndrome Be Taught? E-poster, WOA Annual Meeting, 2016.

Lim PK. Pediatric Orthopaedic Issues in the Emergency Room. UC Irvine Dept of Emergency Medicine Grand Rounds, 2016.

Seigerman DA, **Lim PK**, Yoon RS, Donegan DJ, Koerner JD, Liporace FA. Impact of Surrounding Canal Size on Time to Union Following Femoral Intramedullary Nailing: Does Size Really Matter? AAOS Annual Meeting, 2014.

Lim PK, Rameshwar P. Breast cancer cell dormancy induced by bone marrow stroma. UMDNJ-NJMS Cancer Summer Student Research Program, 2009.

Atlas GM, Pinskiy V, Kalwar RR, **Lim PK**, Gomes O. Capnography-guided intubation. American Association of Anesthesiologists Annual Meeting, 2007.

Shin KH, Ahn JH, Yip FK, **Lim PK**, Kang MK, Baluda MA, Park NH. HPV-16 E6 oncoprotein induces abnormal DNA end-joining activity. International Association for Dental Research and American Association for Dental Research, 2005.

Research Awards

Lu Y, **Lim PK**, Morris AJ, Scolaro JA. Laser Assisted Indocyanine Green Angiography as an Adjunct in the Evaluation of Skin and Soft Tissue in Closed Distal Tibia Plafond Fractures. *Awarded OTA Resident Research Grant (\$20,000)*, 2016.

Committees

UCI Pain Management Committee

Professional Memberships

American Academy of Orthopaedic Surgeons (AAOS)
AO Trauma

Orthopaedic Trauma Association (OTA)
California Orthopaedic Association (COA)
Western Orthopaedic Association (WOA)

Honors, Awards, Scholarships

2022	UC Irvine Orthopaedic Surgery - Clinical Faculty Teaching Award
2020	UC Irvine Orthopaedic Surgery - Clinical Faculty Teaching Award
2012	Alpha Omega Alpha (AOA) Medical Student Research Recognition Award
2010-2011	Research Scholar, HHMI-NIH Research Scholars Program
2009-2012	NJMS Alumni Association Scholarship
2001-2005	Alpha Lambda Delta/Phi Eta Sigma Honor Society, UCLA
2001-2005	College Honors, UCLA