

RUSSELL STITZLEIN, MD

Department of Orthopaedic Surgery
University of California, Irvine
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Professional

08/2018 – current
Department of Orthopaedic Surgery, University of California, Irvine
Assistant Clinical Professor
Chief, Orthopaedic Oncology Division (08/2018 – current)
Chair, Residency Clinical Competency Committee (11/2018 – current)
Departmental Research Committee (12/2018 – current)

Education

Graduate Medical Education

2017 – 2018
Fellowship (Musculoskeletal Oncology)
University of Texas MD Anderson Cancer Center, Houston, Texas

2013 – 2017
Residency (Orthopaedic Surgery)
Hospital of the University of Pennsylvania, Philadelphia, Pennsylvania

2012 – 2013
Internship (Orthopaedic and General Surgery)
Hospital of the University of Pennsylvania, Philadelphia, Pennsylvania

Medical School

2007 – 2012
MD with Special Qualifications in Biomedical Research
Cleveland Clinic Lerner College of Medicine of Case Western Reserve University School of Medicine,
Cleveland, Ohio

Undergraduate

2003 – 2007
BA, Microbiology and Classical Humanities with a minor in Ethics
Summa Cum Laude
University Honors with Distinction
Departmental Honors, Microbiology and Classical Humanities
Miami University, Oxford, Ohio

Medical Licensure

Medical Board of California - Physician and Surgeon
License Number: A 156466
Initial License Date: 06/13/2018
Expiration Date: 10/31/2019

California Department of Public Health Radiologic Health Branch – Fluoroscopy Supervisor
License Number: RHC 00204242
Initial License Date: 10/31/2018
Expiration Date: 10/31/2020

United States Department of Justice – Drug Enforcement Administration (DEA)
License Number: FS7760069
Initial License Date: 7/25/2018
Expiration Date: 2/28/2021

American Board of Orthopaedic Surgery

Board Eligible

ABOS Part 1 Examination – Passed (07/13/2017)

Honors & Awards

Jacquelin Perry Award (11/2016)
Orthopaedic Rehabilitation Association
For outstanding research concerning the preservation or restoration of musculoskeletal function

Best Poster (06/2016)
Orthopaedic Surgery Research Day Symposium, University of Pennsylvania

“Good Catch” Award (05/2016)
University of Pennsylvania Housestaff and Advanced Practitioner Quality and Safety Council

Academy of Medicine Education Foundation Scholarship (05/2011)
Academy of Medicine of Cleveland & Northern Ohio

Physician Investigator Scholarship (07/2008 – 05/2012)
Cleveland Clinic Lerner College of Medicine of Case Western Reserve University School of Medicine
Full-tuition scholarship

Franklin County (Ohio) Farm Bureau Scholarship (08/2007 & 08/2008)

Bishop-Elliott Prize in Classical Humanities (04/2007)
Department of Classics, Miami University, Oxford, Ohio
Awarded for excellence in the study of Classical Humanities

Orton K. Stark Microbiology Undergraduate Award (04/2006)
Department of Microbiology, Miami University, Oxford, Ohio

Joseph A. Culler Physics Prize for Excellence in First or Second-year Physics (04/2006)
Department of Physics, Miami University, Oxford, Ohio

Board of Trustees Harrison Scholarship (08/2003 – 05/2007)
Miami University, Oxford, Ohio
Four-year full tuition, room and board academic scholarship

Top Male Scholar-Athlete (05/2003)
Columbus Dispatch, Columbus, Ohio

Research Support

Grant: NIH T32 Institutional Research Training Grant
Study: Validation of musculoskeletal quality of life (msQOL) measurement tool and preliminary validation of joint-specific OrthoMiDaS questionnaires
Principal Investigator: Joseph Iannotti, MD, PhD
Department of Orthopaedic Surgery, Cleveland Clinic
Award Amount: \$3000
Term of Award: 07/2008 - 09/2008
Role: Medical Student Researcher

Grant: Undergraduate Research Award
Study: Cytokine induction by Chlamydia trachomatis infected cells
Principal Investigator: Joseph Carlin, PhD
Miami University, Oxford, Ohio
Award Amount: \$400
Term of Award: 01/2007 - 05/2007
Role: Undergraduate Researcher

Grant: Undergraduate Research Award
Study: Cytokine Induction of Indoleamine 2,3-dioxygenase (IDO)
Principal Investigator: Joseph Carlin, PhD
Miami University, Oxford, Ohio
Award Amount: \$300
Term of Award: 01/2006 - 05/2006
Role: Undergraduate Researcher

Additional Research Activity

Co-investigator, FORTIFY clinical trial: A Prospective, Randomized Multicenter Controlled Trial of CERAMENT™G as Part of Surgical Repair of Open Diaphyseal Tibial Fractures

Publications

Invited Reviews

Stitzlein RN, Abdullah KG, Mroz TE. The role of genetics in degenerative disc disease. *SpineLine*. 2012;13(4): 20-25.

Book Chapters

Stitzlein RN and Weber KL. "Pathologic Fractures." *Fractures in the Elderly: A Guide to Practical Management, 2nd edition*. Edited by Robert Pignolo and Jaimo Ahn. Humana Press, 2018. 39-52. doi: 10.1007/978-3-319-72228-3

Stitzlein RN, Abdullah KG, Mroz TE. The management of upper thoracic spine tumors. *Operative Techniques in Orthopaedics*. 2011;21(3):225-234. doi:10.1053/j.oto.2011.06.004

PubMed Indexed Peer-Reviewed Articles

Neuwirth AL, **Stitzlein RN**, Neuwirth MG, Kelz RR, Mehta S. Resident Participation in Fixation of Intertrochanteric Hip Fractures: Analysis of the NSQIP Database. *J Bone Joint Surg Am*. 2018 Jan;100:155-164. doi: 10.2106/JBJS.16.01611. PMID: 29342066

Stitzlein RN, Wojcik J, Sebro RA, Balamuth NJ, Weber KL. Team Approach: Osteosarcoma of the Distal Part of the Femur in Adolescents. *JBJS Reviews* 2017 Dec;5(12):e5. doi: 10.2106/JBJS.RVW.17.00030. PMID: 29278618

Ho JC, **Stitzlein RN**, Green CJ, Stoner T, Froimson MI. Return to sports activity following UKA and TKA. *Journal of Knee Surgery*. 2016 Apr;29(3):254-259. doi: 10.1055/s-0035-1551835. PMID: 26166426

Bershadsky B, Kane RL, Wuerz T, Jones M, Brighton B, **Stitzlein R**, Parker R, Iannotti JP. Preliminary validation of the Review of Musculoskeletal System (ROMS) questionnaire. *J Bone Joint Surg Am*. 2015 Apr;97(7):582-589. doi: 10.2106/JBJS.M.01078. PMID: 25834083

Abdullah KG, **Stitzlein RN**, Tallman TA. Isolated adrenal hematoma presenting as acute right upper quadrant pain. *The Journal of Emergency Medicine*. 2012 Oct;43(4),e215-e217. Epub 2010 Feb 07. doi: 10.1016/j.jemermed.2009.11.022. PMID: 20144520

Other Peer-Reviewed Articles

Stitzlein R, Neuwirth A, Baldwin K, Sheth N. Validation of utilizing a modern pedometer as a measure of patient activity. *University of Pennsylvania Orthopaedic Journal*. 2017;27:11-14.

Stitzlein R, Weber K. Considering cartilage lesions in the evaluation of the adult with joint pain. *University of Pennsylvania Orthopaedic Journal*. 2016;26:82-84.

Stitzlein RN, Neuwirth AL, Morris TR, Sheth NP. A systematic approach to soft-tissue balancing in primary varus total knee arthroplasty. *University of Pennsylvania Orthopaedic Journal*. 2015;25:71-74.

Invited Articles

Stitzlein, R. Visiting Professor Lecture Series: Guest Lecturer – Robert Turcotte, MD. *University of Pennsylvania Orthopaedic Journal*. 2016 (in press).

Undergraduate Honors Thesis

Stitzlein RN. "The role of ezrin in osteosarcoma metastasis and its potential use in early identification of metastases. Honors Thesis, 2007, 1-80. http://www.ohiolink.edu/etd/view.cgi?acc_num=muhonors1177692826

In Progress

Stitzlein RN, Moon BS, Bird JE, Frink SJ, Lin PP, Satcher RL, Lewis VO. Patellar tendon augmentation is not necessary in proximal tibia endoprosthesis reconstruction. (*article in progress*)

Stitzlein RN, Bershadsky B, Strnad G, McCarron JA, Jones MH, Evans PJ, Iannotti JP. Automated postoperative classification of patients with common shoulder disorders. (*article in progress*)

Stitzlein RN, Photopoulos CD, Mehta S. Periprosthetic fracture of a distal femur opening wedge osteotomy resulting from longitudinal fissuring: a case report. (*article in progress*)

Editorial Positions

University of Pennsylvania Orthopaedic Journal
2016 – Section Editor, Tumor
2015 – Section Editor, Epidemiology
2014 – Section Editor, Shoulder & Elbow

Scientific Presentations

Stitzlein RN, Moon BS, Bird JE, Frink SJ, Lin PP, Satcher RL, Lewis VO "Patellar Tendon Augmentation is Not Necessary in Proximal Tibia Endoprosthesis Reconstruction"
Musculoskeletal Tumor Society Annual Meeting, 10/2018 (Poster Presentation)

Stitzlein RN, Neuwirth AL, Baldwin KD, Sheth NP "Validation of Utilizing a Modern Pedometer as a Measure of Patient Activity"
Orthopaedic Surgery Research Day Symposium, University of Pennsylvania, 06/2016 (Oral Presentation)
Orthopaedic Rehabilitation Association Annual Meeting, 11/2016 (Oral Presentation)
Jacquelin Perry Award Paper Presentation

Neuwirth AL, **Stitzlein RN,** Neuwirth MG, Kelz RR, Mehta S "Resident Participation in Fixation of Intertrochanteric Hip Fractures: Analysis of the NSQIP Database"
Academic Surgical Congress, 02/2016 (Oral Presentation)
Orthopaedic Surgery Research Day Symposium, University of Pennsylvania, 06/2016 (Poster Presentation)
Award Winner – Best Poster
American Orthopaedic Association Annual Meeting, 06/2016 (Oral Presentation)
American Academy of Orthopaedic Surgeons Annual Meeting, 03/2017 (Oral Presentation)

Weurz TH, Iannotti JP, Bershadsky B, Parker RD, Jones MH, Brighton BK, **Stitzlein RN** "Validation of the Review of Musculoskeletal System (ROMS) questionnaire"
American Academy of Orthopaedic Surgery Annual Meeting, 03/2014 (Poster Presentation)

Stitzlein RN, Ho JC, Green C, Stoner T, Froimson MI "Return to Sports and Sports-Related Activity Following Unicompartamental Knee Arthroplasty - Preliminary Results"
Mid-America Orthopaedic Association Annual Meeting, 04/2012 (Oral Presentation)

Stitzlein, RN. "Validation of a library of musculoskeletal quality of life tools"
CCLCM Second-Year Medical Student Research Symposium, 09/2008 (Oral Presentation)

Stitzlein, RN. "T regulatory cell induction by renal cell carcinoma and glioblastoma multiforme"
CCLCM First-Year Medical Student Research Symposium, 09/2007 (Oral Presentation)

Stitzlein, RN., He, T.-C., Haydon, R., and Carlin, J. "The role of ezrin in osteosarcoma metastasis and its potential use in early identification of metastases"
Miami University Undergraduate Research Symposium, 04/2007 (Poster Presentation)

Invited Lectures

Giant Cell Tumor, Osteofibrous Dysplasia, and Adamantinoma, MD Anderson Musculoskeletal Pathology Conference, University of Texas MD Anderson Cancer Center, Houston, Texas, 10/2018

Metabolic Bone Disease, MD Anderson Musculoskeletal Pathology Conference, University of Texas MD Anderson Cancer Center, Houston, Texas, 10/2017

Grand Rounds Lectures

Giant Cell Tumor, Osteogenic Bone Tumors & Ewing Sarcoma, Orthopaedic Surgery Grand Rounds, University of California – Irvine, Orange, California, 11/2018

Metastatic Bone Disease, Orthopaedic Surgery Grand Rounds, University of California – Irvine, Orange, California, 09/2018

Lumbar Stenosis & Lumbar Disc Herniation, Orthopaedic Surgery Grand Rounds, Hospital of the University of Pennsylvania, Philadelphia, Pennsylvania, 08/2016

Osteogenic Bone Tumors, Ewing Sarcoma and Giant Cell Tumor, Orthopaedic Surgery Grand Rounds, Hospital of the University of Pennsylvania, Philadelphia, Pennsylvania, 04/2016

Soft Tissue Tumors, Part II: Synovial, Neural and Muscular, Orthopaedic Surgery Grand Rounds, Hospital of the University of Pennsylvania, Philadelphia, Pennsylvania, 07/2015

Proximal Humerus Fractures & Humeral Shaft Fractures, Orthopaedic Surgery Grand Rounds, Hospital of the University of Pennsylvania, Philadelphia, Pennsylvania, 08/2014

Osteogenic Bone Tumors & Ewing Sarcoma, Orthopaedic Surgery Grand Rounds, Hospital of the University of Pennsylvania, Philadelphia, Pennsylvania, 05/2014

Midfoot and Forefoot Amputations; Thinking Critically About the Level of Amputation, Vascular Surgery Grand Rounds, Hospital of the University of Pennsylvania, Philadelphia, Pennsylvania, 10/2012

Invited Faculty

Moderator, Tumor Rapid Fire Session, Western Orthopaedic Association, Snowmass, CO, 8/2018

Professional Membership

American Academy of Orthopaedic Surgeons
Candidate Member, 2018 – present

Musculoskeletal Tumor Society
Candidate Member, 2017 – present

Orthopaedic Rehabilitation Association, 2016 – present

Western Orthopaedic Association, 2018 – present