SILICON BEACH ORTHOPEDICS
FOOT & ANKLE SPECIALISTS

CURRICULUM VITAE

LANNY RUDNER, M.D., FAAOS, ABOSD
Silicon Beach Orthopedic Foot & Ankle Specialists

NOT YET RETAINED

Education

New England Foot & Ankle Specialists
Fellowship in Complex Orthopedic Foot & Ankle Surgery – 8/2017–7/2018
- Fellowship Director: Gregory Pomeroy, MD

Baylor College of Medicine
Orthopedic Surgery Internship & Residency – 7/2006–6/2011
- Chief Resident – 7/2010 – 6/2011
- Trauma Training – Ben Taub General Hospital – Level I Trauma Center
- The Health Volunteers Overseas 2011 Dr. Edward Blair Memorial Fellow for Young Professionals in Orthopaedics

Baylor College of Medicine
Doctor of Medicine – 7/2001–5/2006
- Baylor College of Medicine Joseph Barnhardt Department of Orthopedic Surgery Award for Outstanding Achievement in Orthopedic Research – 2006
- Baylor College of Medicine Outstanding Student in Orthopedics – 2006
- American College of Sports Medicine Texas Regional Chapter Outstanding Achievement Award – 3/2003

University of California, Berkeley
Bachelor of Arts – Integrative Biology – 8/1996–12/2000
- Emphases of Studies: Evolutionary Biology & Biomechanics
- NASA Reduced Gravity Student Flight Opportunities Program

Board Status & Licensure
- American Board of Orthopaedic Surgery – ***Board Certified*** – 2016–2036
- California Medical License – 8/23/2011–4/30/2027
- California Fluoroscopy Permit – 7/20/2017 – 9/30/2027
- DEA License – 3/27/2014 – 4/30/2026

Memberships
- American Academy of Orthopaedic Surgeons – ***Fellow*** – 2017–Present
- American Orthopaedic Foot & Ankle Society – ***Active Member*** – 2018–Present
- California Orthopaedic Association – ***Member*** – 2018–Present

Hospital Affiliations

- Cedars-Sinai Medical Center, Los Angeles, CA
- Cedars-Sinai Marina del Rey Hospital, Marina del Rey, CA
- Adventist Health Twin Cities Hospital, Templeton, CA

Work Experience

- Silicon Beach Orthopedic Foot & Ankle Specialists – Solo Private Practice – Los Angeles, CA – 3/2019–Present
- General Orthopedics, Extremity Trauma, Foot & Ankle, Facility Medical Director for Orthopedic Surgery Department – TeamHealth, Employed – Adventist Health Twin Cities Hospital, Templeton, CA – 9/2018–Present
- General Orthopedic Surgery & Extremity Trauma – Hospital Employed –Great Plains Health, North Platte, NE – 8/2013–7/2017
- Assistant Professor, Orthopedic Surgery Department, Baylor College of Medicine –Matagorda Regional Medical Center, Bay City, TX – 8/2012–2/2013 –solo practice, rural county hospital, large underserved population
- Visiting Professor, Orthopedic Surgery, University of Malawi College of Medicine –Queen Elizabeth Central Hospital, Blantyre, Malawi – 2/2012–5/2012
- General Orthopedic Surgery – Locum Tenens (ONYX MD) –Matagorda Regional Medical Center, Bay City, TX – 10/2011–12/2011
- National Space Biomedical Research Institute Researcher – Exercise Physiology & Biomechanics Laboratory, NASA Johnson Space Center – 5/2002–12/2002
- Head Research Technician – Laboratory of Human Aging and Bone Research, Endocrine Unit, UCSF V.A. Medical Center – 8/2000–6/2001

International Work

- The Health Volunteers Overseas 2011 Dr. Edward Blair Memorial Fellow for Young Professionals in Orthopaedics – Malawi, Africa – 2/2012–5/2012
- Volunteer Orthopedic Surgeon at Bernard Mevs Hospital, Port au Prince, Haiti – Project Medishare & Houston Haiti Relief Initiative – 8/2011
- Volunteer Orthopedic Surgeon at Bernard Mevs Hospital, Port au Prince, Haiti – Project Medishare & Houston Haiti Relief Initiative – 1/2011

Certifications

- Advanced Trauma & Life Support (ATLS) – Expires 10/12/2027
- Fédération Internationale de Football Association (FIFA) Diploma in Football (Soccer) Medicine – 2018

Additional Medical Training

- Wilderness MedVentures & University of Arizona College of Medicine Wilderness Medicine Course, Futaleufú Valley, Patagonia, Chile – 2/2008
- Wilderness First Aid Provider, National Outdoor Leadership School – 5/2005
- NASA Johnson Space Center Aerospace Medicine Clinical Clerkship – 4/2002

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Volunteer Positions

- ***AAOS-Registered Disaster Responder (Level II & III)*** – 3/2013–Present
- UC Berkeley Alumni Mentor, Undergraduate Career Externship Program – 2013

Publications

Usrey M, Noble PC, **Rudner L**, Conditt M, Birman M, Santore R, Mathis K. Does Neck/Liner Impingement Increase Wear of Ultrahigh Molecular Weight Polyethylene Liners? *The Journal of Arthroplasty*. 21(6) Suppl. 2, 65-71, 9/2006.

Sakata T, Halloran BP, Elalieh HZ, Munson SJ, **Rudner L**, Venton L, Ginzinger D, Rosen CJ, Bikle DD. Skeletal unloading induces resistance to insulin-like growth factor I on bone formation. *Bone*. 32(6): 669-80, 6/2003.

Chai D, Guo B, Hamerski C, **Rudner L**. A Novel Enhancement of Current Exercise Countermeasures to Provide Adequate Bone Impact Loading in Microgravity. NASA Technical Report: *"KC-135 and Other Microgravity Simulations--Summary Report."* Space and Life Sciences Directorate, Human Adaptation and Countermeasures Office, pp. 49-56. Doc. #CR-208929, 8/2001.

Conference Podium Presentations

Rudner L, Usrey M, Noble P, Conditt M, Birman M, Santore R, Mathis B. Does Neck/Liner Impingement in THR Increase Poly Wear? American Academy of Orthopaedic Surgeons Annual Meeting, Chicago, 3/2006.

Rudner L, Chai D. A Mars Mission Simulation to Determine the Efficacy of 0.38 G as a Countermeasure to Microgravity Induced Bone Demineralization. Session: Environmental Considerations in Microgravity. International Conference on Environmental Systems (ICES), Toulouse, France. Doc. #2000-01-2245, 7/2000.

Conference Abstracts

Molly Usrey, BS, **Lanny Rudner, BS**, Philip C. Noble, PhD, Michael A. Conditt, PhD, Michael Birman, BS, Richard F. Santore, MD, Kenneth B.Mathis, MD. Do Hooded Acetabular Liners Increase the Incidence of Prosthetic Impingement After THR? Annual Meeting of the American Academy of Orthopaedic Surgeons in San Diego, California, 2/14–2/18/2007.

Molly M Usrey, **Lanny Rudner**, Phillip C Noble, Michael A Conditt, Michael V Birman, Richard Santore, Kenneth B Mathis. Does neck/liner impingement increase the wear of UHMWPE liners? Orthopaedic Research Society Annual Meeting, 3/2006.

NOT YET RETAINED

Molly M Usrey, **Lanny Rudner**, Phillip C Noble, Michael A Conditt, Michael Birman, Richard Santore, Kenneth B Mathis. Do hooded acetabular liners increase the incidence of prosthetic impingement after THR? Orthopaedic Research Society Annual Meeting, 3/2006.

Rudner LJ, Usrey MM, Birman MV, Conditt MA, Noble PC, Santori. Does Neck/Liner Impingement in THR Increase Poly Wear? American Association of Hip and Knee Surgeons Annual Meeting, 11/4–11/6/2005.

Usrey MM, **Rudner LJ**, Birman MV, Conditt MA, Noble PC, Santori. Do Hooded Acetabular Liners Increase the Incidence of Prosthetic Impingement After THR? American Association of Hip and Knee Surgeons Annual Meeting, 11/4–11/6/2005.

Bentley JR, Amonette WE, DeWitt JK, **Rudner LJ**, Hagan RD. Total Inertial Force and Peak Power Cannot Be Accurately Calculated From Bar Motion During a Loaded Squat. National Strength and Conditioning Association Annual Conference, Indianapolis, IN, 6/2003.

Rudner LJ, Amonette WE, Bentley JR, DeWitt JK, Laughlin M, Hagan RD. Squat Exercise Load Affects Bar Trajectory. American College of Sports Medicine Texas Chapter Annual Meeting, Houston, TX, 3/2003.

Amonette WE, Bentley JR, DeWitt JK, **Rudner LJ**, Hagan RD. Squat Cadence Affects Ground Reaction Force and Rate of Force Development. 3rd International Conference on Strength Training, Budapest, Hungary. 11/2002.

Research Endeavors

- Institute of Orthopedic Research and Education at the Baylor College of Medicine, Research Rotation. PI: Philip Noble, Ph.D. 4/2005–5/2006

- Invited to make several presentations at NASA Headquarters in Washington, D.C. to heads of Education Office and EVA Office to promote a national education plan to encourage college students to enter STEM fields and to increase public support for the space program. 2/2005

- The Texas Regional Chapter of the American College of Sports Medicine Outstanding Achievement Award for work with NASA . 3/2003

- National Space Biomedical Research Institute (NSBRI) Researcher in the NASA Johnson Space Center Exercise Physiology & Biomechanics Lab. PI's: Don Hagan, Ph.D., Grant Schaffner, Ph.D. 5/2002–12/2002

NOT YET RETAINED

●NASA Johnson Space Center Aerospace Medicine Clinical Clerkship. 4/2002

●UCSF V.A. Medical Center Endocrine Unit Laboratory of Human Aging and Bone Research, Head Research Technician. PI's: Bernard Halloran, Ph.D., Dan Bikle, M.D., Ph.D. 8/2000–6/2001

●Selected to & participated in NASA Reduced Gravity Student Flight Opportunities Program on NASA KC-135 "Vomit Comet": Designed, built, & flight-tested a harness system to improve the effectiveness of microgravity treadmill running to maintain bone during long-duration space flight. 2/2001

●Presented paper at International Conference on Environmental Systems (ICES), Toulouse, France: "A Mars mission simulation to determine the efficacy of 0.38 G as a countermeasure to microgravity induced bone demineralization." 7/2000

●Conceptualized and constructed an experimental apparatus to assess the effects of added mass versus effective weight on metabolic rate while simulating the loading of a Mars suit portable life support system (PLSS) during locomotion in simulated Martian gravity. 1/2000–5/2000

●Represented the University of California, Berkeley in three NASA Human Exploration and Development of Space-University Program (HEDS-UP) Competitions, Lunar Planetary Institute, Houston, TX. 5/1998–5/2000

●University of California, Berkeley Locomotion Laboratory – Research Apprentice. PI: Rodger Kram, PhD. 8/1998–5/2001

●Developed a model of a human Mars mission simulation to test the effects of such a mission on the skeletal system. 8/1998–5/1999

●Designed a microgravity resistance exercise station. 1/1998–5/1998

●Course Coordinator and Aerospace Physiology Team Leader in "To Mars By 2012" lecture and design course, Earth and Planetary Science Dept., University of California, Berkeley. Professor: Lawrence Kuznetz, Ph.D. 1/1998–5/2001

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