### Ryan DiGiovanni M.D.

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#### **ACADEMIC APPOINTMENT**

University of California Irvine School of Medicine, Irvine CA

Assistant Professor, Department of Orthopaedic Surgery

UNIVERSITY OF ARIZONA COLLEGE OF MEDICINE

Irvine, CA September 2022 – Present

Los Angeles, CA

August 2021-

Phoenix, AZ

June 2016-2021

### **EDUCATION and TRAINING**

**KECK SCHOOL OF MEDICINE OF USC** 

Joint Replacement Fellowship Director: Daniel Oakes MD

Orthopaedic Surgery Residency

Chairman: Michael McKee MD Program Director: Norman Chutkan MD

UNIVERSITY OF ARIZONA COLLEGE OF MEDICINE

Medical Doctor

Tucson, AZ

August 2012 - May 2016

Dean: Charles Cairns MD

UNIVERSITY OF ARIZONA

BS: Nutritional Science

Tucson, AZ

August 2007 – May 2011

Minor: Chemistry

### **PUBLICATIONS**

- ❖ Johnson P, DiGiovanni RM, Nguyen T, Isolated Vastus Lateralis Rupture and Repair Using Suture Anchor Technique. Case Report Orthopedics. 2020. PMID 32566342
- Putnam JG, DiGiovanni RM, Mitchell SM, Castañeda P, Edwards SG. Plate Fixation with Cancellous Graft for Scaphoid Nonunion With Avascular Necrosis. J Hand Surg Am. 2018 Aug 10. PMID 30104078
- Putnam JG, Mitchell SM, DiGiovanni RM, Stockwell EL, Edwards SG. Outcomes of Unstable Scaphoid Nonunion With Segmental Defect Treated With Plate Fixation and Autogenous Cancellous Graft. J Hand Surg Am. 2018 Jun 27. PMID 29958735
- Chung A, DiGiovanni RM, Hustedt J, Omscheid N, Chutkan N. Obstructive Sleep Apnea is Associated with Increased Surgical Complication Rates in Elective Spine Surgery. Global Spine J. 2018 Sep; 8(6): 550–556 PMID 6125927
- ❖ DiGiovanni, RM, et al. A Novel FLT4 Gene Mutation Identified in a Patient with Milroy Disease. Lymphology. 2014 Mar;47(1):44-7. PMID 2510916
- Jandova J, Ohlson EC, Torres MR, DiGiovanni RM, Pandit V, Elquza E, Nfonsam VN. Racial Disparities and Socioeconomic Status in the Incidence of Colorectal Cancer in Arizona. American Journal of Surgery. 2015, Sep; PMID 26582247
- Aziz H, Pandit V, DiGiovanni RM, Ohlson E, Gruessner AC, Jandova J, Nfonsam VN. Increased Incidence of Early Onset Colorectal Cancer in Arizona: A Comprehensive 15-year Analysis of the Arizona Cancer Registry. J Gastrointest Dig Syst. 2015 Oct;5(5). pii: 345. Epub 2015 Oct 5. PMID: 27559493
- Nfonsam VN, Vijayasekaran A, Pandit V, Aziz H, Nzuonkwelle S, Ohlson E, DiGiovanni RM, Jandova J. Patients Diagnosed with Colorectal Cancer in Rural Areas in Arizona Typically

Present with Higher Stage Disease. J Gastrointest Dig Syst. 2015 Oct;5(5). pii: 346. Epub 2015 Oct 6. PMID: 27559492

#### **PRESENTATIONS**

- ❖ DiGiovanni RM, Myerthal S. Cementless Total Knee Arthroplasty A 2 Year Follow up. University of Arizona Orthopaedic Residency Research Day. May 29 2021. Phoenix, AZ.
- DiGiovanni RM, Campbell M. Outcomes of Deltoid Repair in Bimalleolar Equivalent Ankle Fractures. University of Arizona Orthopaedic Residency Research Day. June 20 2020. Phoenix, A7
- DiGiovanni RM, McKee M. Surgical Delay Increases 30 Day Mortality in Low Energy Femoral Shaft Fractures. American Academy of Orthopaedic Surgeons Annual Conference. March 12-16 2019. Las Vegas, NV
- DiGiovanni RM, Lederman E, Gobezie R, Romeo A, Erickson B. Tuberosity Repair in Reverse Total Shoulder Arthroplasty for Fracture Using a Stem-Based Double-Row Repair: A Cadaveric Biomechanical Study. University of Arizona Resident Research Day June 7, 2019. Phoenix, AZ
- DiGiovanni, RM, Jones CB. Preoperative Regional Anesthesia Decreases Length of Stay in Isolated Tibial Shaft Fractures. Orthopedic Trauma Association Annual Meeting. October 12-20 2018. Orlando, FL
- DiGiovanni, R.M. Preoperative Regional Anesthesia Decreases Length of Stay in Isolated Tibial Shaft Fractures. Podium Presentation Western Orthopaedic Society Snowmass CO August 2-4 2018
- DiGiovanni R.M, Nfonsam V. Colorectal Cancer Disparity in Border and Rural Areas in Arizona Oral Presentation presented at: Academic Surgeons Congress; 2014. San Diego, CA.
- DiGiovanni RM. Nfonsam V. Patients Diagnosed with Colorectal Cancer in Rural Parts of Arizona Typically Present with Higher Stage of Disease. Society of Surgical Oncology. 2014; San Diego, CA.

#### POSTER PRESENTATIONS

- DiGiovanni, RM, Jones CB. Preoperative Regional Anesthesia Decreases Length of Stay in Isolated Tibial Shaft Fractures. 2018 Annual Meeting of the American Academy of Orthopaedic Surgeons March 6-10, 2018. New Orleans, LA
- Gaynor P, DiGiovanni R.M, Crawley M. A Previous Diagnosis of SLE Presenting with Unilateral Alveolar Hemorrhage and Acute Renal Failure Poster presented at: American College of Physicians Arizona Chapter Meeting 2014, Phoenix, AZ.
- DiGiovanni RM. (2014). Increasing Incidence of Early Onset Colorectal Cancer in Arizona Poster presented at: 67th Annual Society of Surgical Oncology Cancer Symposium; Phoenix, AZ.ID: 1851576

### **QUALITY IMPROVEMENT PROJECTS**

Brock Walker MD, Ryan DiGiovanni MD, Cliff Jones MD, Use of Refurbished External Fixation Components. Banner University Medical Center Phoenix High Value Idea Competition.

## **LEADERSHIP**

### **Graduate Medical Education Committee – Resident Representative**

- ❖ 2018-2020 Orthopedic program representative
- ❖ Focused on ACGME standards and educational improvement
- ❖ Planning of Redeployment of residents during COVID-19 Pandemic

# Banner Wellness Committee - Resident Representative

- 2018-2020 Orthopedic program representative
- Planned wellness events and opened resident wellness space including gym

# **American Medical Student Association – President**

- ❖ 2013-2014 Arizona Chapter President
- Raised over \$1.800 for Free Clinics

## **Commitment to Underserved People Program**

2012-2016 Community Service and Free Clinics

## Founder of University of Arizona Student Organization: Pre-Meds without Borders

- Exposing students to medicine in rural and international areas
- ❖ Health fairs and free clinics in Nogales, AZ and Mexico
- ❖ Habitat for Humanity and other local humanitarian aide

## **Medical Mission to South Africa – Leader**

- 2011 Led a group of future doctors, teachers, and film directors to South Africa
- Partnered with Generation Joy

## **EMPLOYMENT**

# Orthopedic Assistant – The Hand Center

Phoenix, AZ June 2011-June2012

- Medical Assistant for two orthopedic hand surgeons
- Scrub in for emergent surgeries
- Working in a healthcare team

## **VOLUTNTEER**

 Phoenix High School Football Team Physician – Sierra Linda (2016), Betty Fairfax (2017), Valley Lutheran (2018)