



# **Reno Orthopaedic Trauma Fellowship**

# **Reno Orthopaedic Trauma Fellowship - OTA Description**

**Director:** Peter Althausen, MD/MBA

**Fellowship Coordinator:** Alexis Pinguelo

**Email Address:** alexisp@renoortho.com

**Available Orthopaedic Trauma Fellowship Positions:** 1

**Stipend:** \$75,000

**Full-time Trauma Faculty:** Peter Althausen, MD/MBA; David Swanson, MD, Pierce Johnson, MD (Adjunct); Markus Loeffler, MD (Adjunct); Timothy Bray, MD (Emeritus)

**Qualifications of Applicant:** MD/DO who has completed approved North American Orthopaedic Surgical Residency, letters of recommendation from Residency Director & Trauma Director.

**Research Opportunities:** Fellows are actively involved in clinical and financial research projects. One paper required for completion of fellowship.

**Brief Description of Program:** One year clinical Fellowship in orthopaedic trauma which combines acute fracture care, delayed reconstruction, post traumatic deformity, arthroplasty and business education. This is currently the only trauma fellowship in the United States that provides a formal business educational program in addition to high volume clinical training. Our fellows average over 1000 cases per year; 2.5 times greater than the OTA requirements while working with three fellowship-trained orthopedic trauma surgeons in a community-based trauma system. Because there are no residents at our facility, there is no competition for cases. Business education involves a core curriculum with hospital and practice administrators to instill the successful business management principles of large group practices and the financial considerations of hospital trauma systems. This comprehensive educational experience provides the fellow with a unique opportunity to learn the clinical, surgical, and business skills necessary to learn the clinical, surgical, and business skills necessary to navigate the political, bureaucratic, and financial obstacles present in both private and academic practices. Combined with a robust and active research program that produces multiple publications per year, we feel this is one of the most well-rounded fellowship opportunities available.

## **Reno Orthopaedic Trauma Fellowship - OTA Description- Continued**

**University Affiliation:** University of Nevada School of Medicine

**Institutions:** Renown Regional Medical Center

**Primary Hospital Size:** 558 Acute Care Beds

**Trauma Admissions/Year:** 4280 trauma activations/year = 1869 orthopedic trauma consults/year

**Emergency Dept. Visits/Year:** 106,210

**Orthopaedic Trauma Procedures/Year:** 2352

**Acetabular/Pelvic Cases/Year:** 121

**Femur Fractures/Year:** 200

**Call responsibility as primary staff?** Primary call with back-up from faculty traumatologist

**Any away rotations from primary institution?** No

**Subspecialty training offered:**

**Pediatric Trauma:** Yes

**Ilizarov/Post Traumatic Deformity:** Yes (off-site rotation)

**Meeting Opportunities:** 3 paid meetings: Annual OTA and OTA Fellows Meeting, and additional meeting of fellow's choice.

**OTA Membership:** Provided (One year). JOT subscription included

**Licensing restrictions for International Surgeons:** No international candidates

**ACGME Accredited:** No

# Fellowship Faculty

## Peter L. Althausen, MD, MBA - Director



Dr. Althausen received his medical degree from Tufts University School of Medicine in Boston, Massachusetts. While in medical school, he also received an MBA in healthcare administration from the same institution. His orthopedic residency was completed at the University of California Davis Medical Center. After residency, Dr. Althausen completed a fellowship in Orthopedic Trauma at Carolinas Medical Center in Charlotte, North Carolina. He has been practicing at the Reno Orthopedic Center.

Dr. Althausen is subspecialty trained in trauma and focuses on both pediatric and adult fracture care. Special areas of interest include pelvis and acetabular fractures, periarticular fractures, and complex polytraumatic injuries. Dr. Althausen remains committed to teaching and research. He currently serves as a Clinical Assistant Professor at the University of Nevada School of Medicine where he teaches and mentors both medical and college students. Dr. Althausen presents annually at multiple national meetings and routinely teaches the latest techniques in fracture care to physicians, nurses, and other medical personnel. He has published a variety of scientific articles and textbook chapters concerning many aspects of orthopedic trauma care. Dr. Althausen is Board Certified by the American Board of Orthopedic Surgery.

## David Swanson, MD



Dr. Swanson completed his medical degree at the University of Texas Medical Branch. He completed his orthopaedic surgical residency University of Arizona in Phoenix, AZ followed by an orthopedic trauma fellowship through Reno Orthopedic Center in 2017. Following fellowship, he worked with Sonoran Orthopaedic Trauma Surgeons in Scottsdale, AZ for 2 years before returning to work with Reno Orthopedic Center in 2019.

Dr. Swanson is Board certified by the American Board of Orthopaedic Surgery. His practice centers around orthopedic trauma and fracture care of both adult and pediatric patients. This includes pelvic and acetabular surgery, nonunion and malunion surgeries, and bone and joint infections. Since finishing fellowship, he has enjoyed teaching and working with residents and trauma fellows both in Scottsdale and now back in Reno.



### **Pierce Johnson, MD (Adjunct Faculty)**

**Dr. Pierce Johnson completed his medical degree at Drexel University College of Medicine in Philadelphia, followed by his orthopedic surgical residency at the University of Arizona in Phoenix. He recently completed his orthopedic trauma fellowship at Reno Orthopedic Clinic. His practice is centered on orthopedic trauma and fracture care of both adult and pediatric patients. His focus includes pelvic and acetabular surgery, periarticular fractures, nonunion and malunion surgeries.**

**Dr. Johnson has a deep interest in teaching and is currently an active faculty member at the University of Nevada Reno School of Medicine. He enjoys orthopedic-based research and has presented at numerous national and international conferences around the world.**



### **Markus Loeffler, MD (Adjunct Faculty)**

**Dr. Markus Loeffler received his medical degree from Boston University School of Medicine. He then went on to complete orthopedic surgery residency at Prisma Health/University of South Carolina in Greenville, South Carolina. Following residency he went on to complete an orthopedic trauma fellowship at Stanford University where he received further subspecialty training in the treatment of complex orthopedic injuries.**

**His primary focus is treatment of the polytraumatized patient with a particular interest in pelvic and acetabular fractures, periarticular fractures, and complex joint reconstruction following trauma. He is a member of the Orthopedic Trauma Association and is interested in teaching and mentoring prospective orthopedic traumatologists**



## **Timothy J. Bray, MD (Emeritus Faculty)**

Timothy J. Bray was educated at the University of California, Irvine, San Diego and San Francisco. He completed an Orthopedic Trauma Fellowship at the University of California Davis Medical Center and joined the full time Davis faculty for 6 years prior to joining the Reno Orthopedic Center in 1987. He was Director of Orthopaedic Trauma at University of California at Davis (UCD) from 1983 to 1987.

He currently is a Clinical Professor of Orthopaedic Surgery at UCD Medical Center and maintains a clinical affiliation with the University of Nevada School of Medicine. Dr. Bray is active in multiple national and international orthopedic surgery organizations, he teaches orthopedic residents and students, and is an examiner for the American Board of Orthopaedic Surgery. Dr. Bray is currently the Director of Orthopedic Trauma Services at Renown Regional Medical Center in Reno, Nevada. He has multiple peer reviewed scientific publications including the article describing the development of Northern Nevada's trauma system.

He is past President (2010-2011) of the Orthopedic Trauma Association which promotes excellence in care for the injured patient, through provision of scientific forums and support of musculoskeletal research and education of Orthopedic Surgeons. He still serves as a leader in the economic, political and social discussions surrounding the provision of trauma care in the United States.

Dr. Bray's clinical interests are in fracture surgery and adult reconstruction including joint replacement of the shoulder, hip and knee. He has voluntarily recertified for the American Board of Orthopedic Surgery.

# **Fellows**



## **Kenneth Thomas MD - 2010-2011**

Medical School - University of Colorado

Residency - Hamut Medical Center, Erie, PA

Current Position - Private Practice - Anchorage Fracture & Orthopedic Clinic, Anchorage, AK

**Justin Kauk MD - 2011-2012**

Medical School - University of Missouri - Columbia  
Residency - University of North Carolina-Chapel Hill  
Current Position - Orthopedic Surgery, Charlotte NC



**Austin Hill MD MPH - 2012-2013**

Graduate School - University of Texas - Houston School of Public Health  
Medical School University of Texas - Houston Medical School  
Residency - University of South Carolina - Greenville Hospital Systems  
Current Position - Texas Orthopedics in Round Rock, TX

**Annie Knierim MD - 2013-2014**

Medical School - Creighton University Medical Center  
Residency - University of Nebraska  
Current Position - Orthopedic Center Of Idaho, Boise



**Justin Walker MD - 2014-2015**

Medical School - Louisiana State University School of Medicine  
Residency - Mayo Clinic  
Current Position - Twin Cities Orthopedics, Minneapolis

**Austin McPhilamy MD - 2015-2016**

Medical School - Wayne State University, Detroit, Michigan  
Residency - Indiana University School of Medicine  
Current Position—Bay Street Orthopedics in Petoskey, MI



**David Swanson, MD - 2016-2017**

Medical School - University of Texas Medical Branch  
Residency - University of Arizona - Phoenix  
Current Position—Reno Orthopedic Center, Reno NV

**Kyle Lybrand, MD - 2017-2018**

Medical School – University of Rochester School of Medicine and  
Dentistry

Residency – Boston University Medical Center

Current Position—Ortho Montana



**Ryan Nielsen, DO- 2018-2019**

Medical School – Des Moines University

Residency – Beaumont Hospital, Michigan State University

Current Position- Des Moines Orthopedic Surgeons

**Ryan Eggers, MD- 2019-2020**

Medical School- Loma Linda University

Residency- Atlanta Medical Center

Current Position- Dixie Regional Medical Center



**Daniel Flinn, DO- 2020-2021**

Medical School – Midwestern University-AZCOM

Residency – Beaumont Health/Michigan State University

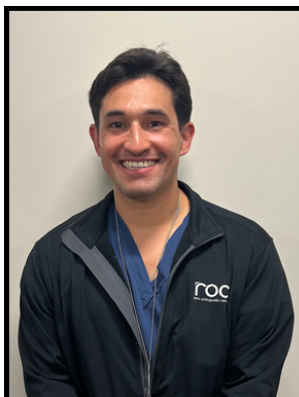
Current Position - Orthopaedic Surgery and Sports Medicine Associates

**Pierce Johnson, MD- 2021-2022**

Medical School- Drexel University College of Medicine

Residency- Banner University of Arizona Phoenix

Current Position- Reno Orthopedic Center, Reno, NV



**Daniel Gonzales-Luna, MD- 2022 - 2023**

Medical School – U Texas Houston

Residency – UT Houston McGovern Medical School

Current Position - UT Physicians Orthopedic Group, Houston



# Recent Fellowship Case Log Summary

Clavicle, Proximal Humerus, Humeral Shaft	63
Complex Elbow (distal humerus, olecranon, triad)	112
Forearm and Wrist	70
Pelvis	5
Acetabulum, Femoral Head	20
Hip	128
Femoral Shaft	43
Tibia shaft	36
Plateau/Pilon	33
Nonunion	14
Calcaneus/Talus/Other Foot	40
Total Cases	783
Total OTA Approved Trauma cases	564



2020- 2021 Daniel Flinn, DO & Trauma Team

Clavicle, Proximal Humerus, Humeral Shaft	124
Complex Elbow (distal humerus, olecranon, triad)	42
Forearm and Wrist	26
Pelvis	43
Acetabulum, Femoral Head	18
Hip	143
Femoral Shaft	30
Tibia shaft	120
Plateau/Pilon	95
Nonunion	9
Calcaneus/Talus/Other Foot	47
Total Cases	911
Total OTA Approved Trauma cases	697



2021- 2022 Pierce Johnson, MD & Trauma Team

Clavicle, Proximal Humerus, Humeral Shaft	54
Complex Elbow (distal humerus, olecranon, triad)	32
Forearm and Wrist	142
Pelvis	35
Acetabulum, Femoral Head	86
Hip	78
Femoral Shaft	54
Tibia shaft	14
Plateau/Pilon	52
Nonunion	14
Calcaneus/Talus/Other Foot	11
Total Cases	950
Total OTA Approved Trauma cases	572



2022- 2023 Daniel Gonzales-Luna, MD & Trauma Team



## **Schedule and Responsibilities**

### **Weekly Conference Schedule**

#### **August**

No conference

No conference

No conference

Adult femoral shaft fractures

#### **September**

Open fracture management

Damage control/spanning external fixation

Life threatening pelvic ring injury - emergent mgmt.

Journal club

Pediatric femur fractures

#### **October**

OTA - no conference

Open pelvic fixation techniques/pelvic ring injuries

Quarterly meeting

Journal club

#### **November**

Acetabular fractures

Percutaneous pelvic/acetabulum fixation techniques

Pilon Fractures

Journal Club

#### **December**

Complex ankle fractures (osteoporosis, diabetics)

Proximal humerus and scapula fractures

Humeral shaft fractures

No meeting - Christmas

Journal Club

#### **January**

Terrible triad, Monteggia, Trans olecranon fxs

Non-union/bone defects

Quarterly meeting

Calcaneus fractures

#### **February**

Clavicle fractures, AC/SC injuries

Distal humerus fractures

Journal Club

Tibial shaft fractures

#### **March**

Tibial plateau fractures

Patella fractures, extensor mechanism injuries

Hip fractures in young patients

Journal club

Femoral head fractures

#### **April**

Talus fractures

Lis franc and other foot injuries

Quarterly meeting

Both bone forearm fractures

#### **May**

Pediatric forearm and elbow fractures

Orthopedic infections, orthobiologics

Journal club

Adult distal femur fractures

#### **June**

Mangled extremity - salvage v. amputation

Pelvic ring injuries - revisited

Acetabular fractures - revisited

Journal club

Periprosthetic femur fractures

#### **July**

Quarterly Meeting

Case review only



**Call Responsibilities:** Average one call night per week, one weekend call night per month. Call is always with Trauma staff as back up or primary, no un-supported call.

**Moonlighting Opportunities:** The fellow can choose to take additional calls the second half of the year at lower level hospitals in Reno already covered by the practice.

**Continuity Clinic:** Patients from inpatient and ER consultations as well as post-op patients are seen weekly. The clinic also serves a high percentage of fracture patients that are new outpatient and ER referrals, particularly underinsured patients who may have been denied care at other orthopedic practices. Patient volume is typically 12 - 20 patients.

### **Educational Conferences:**

- Monthly Practice Board Meeting
- Monthly Practice Partners Meeting
- Monthly Case Review Conference
- Monthly Orthopedic Trauma Panel Meeting
- Quarterly Journal Club
- Quarterly Orthopedic Trauma M&M conference
- Quarterly General Trauma M&M conference

### **Off-Campus Educational Opportunities:**

- Required: Annual OTA meeting
- Required: OTA Fellows Course
- Optional: Stryker Cadaver Pelvis Course
- Optional: AO Fellows Cadaver Course
- Optional: Taylor Spatial Frame Course
- Optional: Orthopedic for the Primary Care Provider

**Business Curriculum:** The ROC Trauma Fellowship business curriculum is designed to provide the fellow with a graduate level business practicum and research experience. The time commitments in a typical twelve month trauma fellowship are significant, rendering a traditional didactic master's in business administration difficult to complete during this short time. An organized, structured, practical business education can provide the trauma leaders of tomorrow with the knowledge and experience required to effectively navigate the convoluted and constantly changing healthcare systems.

## **Compensation:**

**Annual salary:** \$ 75,000

The fellow will be employed by the Reno Orthopedic Center throughout their fellowship. Insurance is available through ROC, to include NORCAL tail coverage.

## **How to Apply:**

To apply for the ROC Trauma Fellowship, please visit [SFMatch.org](http://SFMatch.org) and follow the application instructions. For more information, please contact the ROC Foundation via email at [MORE@renoortho.com](mailto:MORE@renoortho.com)

