

## Year in Review - 2018

### Publications

Alayan A, Maldonado RC, Polakof L, Metzger MF, Saini A, Lin C, Moon C. 'Biomechanical Analysis of a Novel Buried Fixation Technique Using Headless Compression Screws'. Am J Orthop (Belle Mead NJ). 2018 Jul;47(7). doi: 10.12788/

Rajae, S; Lin, CA; Moon, CN; Yalamanchilli, D; Debbi EM; Noori, N: 'Increasing Utilization of Reverse Total Shoulder Arthroplasty for Proximal Humerus Fractures in Elderly Patients' Orthopedics. 2017 Nov 1;40 (6):e982-e989. doi: 10.3928/01477447- 20170925-01.

Trentacosta N, Pace JL, Metzger M, Michalski M, Nelson T, Polakof L, Mandelbaum B. Biomechanical Evaluation of Pediatric Anterior Cruciate Ligament (ACL) Reconstruction Techniques With and Without the Anterolateral Ligament (ALL). J Pediatr Orthop. 2017 Oct 23.

Ju, D; Rajae, S; Lin, CA; Moon, CN 'Nationwide Analysis of Femoral Neck Fractures in Elderly Patients: A Receding Tide' J Bone Joint Surg Am. 2017 Nov 15;99(22):1932-1940. doi: 10.2106/ JBJS.16.01247

Kremen TJ, Polakof LS, Rajee S, Nelson TJ, Metzger MF, 'The Effect of Hamstring Tendon Autograft Harvest on the Restoration of Knee Stability in the Setting of Concurrent Anterior Cruciate Ligament and Medial Collateral Ligament Injuries', Am J Sports Med., Jan;46(1):163-170 (2018)

Glaeser JD, Salehi K, Kanim L, Sheyn D, NaPier Z, Behrens P, Garcia L, Cuéllar JM, Bae HW. Anti-inflammatory peptide attenuates edema and promotes BMP-2- induced bone formation in spine fusion. Tissue Eng Part A. 2018 May 16. PubMed ID 29766758.

An T, Michalski M, Jansson K, Pfeffer G. Comparison of lateralizing calcaneal osteotomies for hindfoot varus correction. *Foot Ankle Int.* Oct 2018. PMID 30011380.

### Presentations

Pfeffer, G.B., Zapf, M., Nelson T.J., Metzger M.F., 'Postoperative Achilles Pullout Strength after Calcaneoplasty for Haglund's Syndrome'. Orthopaedic Research Society Southern California Regional Symposium, September 25th 2017.

"3-Dimensional Virtual Reality for Pain Control in Orthopaedic Patients: A Prospective Randomized Control Study". Little M, Garlich J, Wright-Chisem A, Howard A, Lin C, Moon C, Fuller G, Vrahas M, Spiegel B. Podium Presentation: Orthopaedic Trauma Association. Orlando, FL 2018.

"Healing the Index Humeral Nonunion Surgery". Wiss D, Garlich J, Agel J. Rapid Fire Podium Presentation: Western Orthopaedic Association. Snowmass, CO 2018.

"Clavicle Nonunions: Plate and Graft Type Do Not Effect Healing Rates". Wiss D, Garlich J. Rapid Fire Podium Presentation: Western Orthopaedic Association. Snowmass, CO 2018.

"Prolonged Opioid Use Following Geriatric Hip Fracture Surgery". Garlich J, Pujari A, Debbi E, Yalamanchili R, Stephenson S, Stephan S, Anand K, Little M, Moon C, Vrahas M, Lin CA. Rapid Fire Podium Presentation: Western Orthopaedic Association; Snowmass, CO 2018.

“Time-to-Block: Early Fascia Iliac Block Reduces Opioid Use in Geriatric Hip Fractures”. **Garlich J, Debbi E, Yalamanchili R, Stephenson S, Stephan S**, Anand K, Little M, Moon C, Lin C, Vrahas M. Rapid Fire Podium Presentation: Western Orthopaedic Association. Snowmass, CO 2018.

“Geriatric Hip Fractures: Regional Anesthesia with Multimodal Pain Management”. **Garlich J, Debbi E, Yalamanchili R, Stephenson S, Stephan S**, Anand K, Little M, Moon C, Vrahas M, Lin CA rol. Rapid Fire Podium Presentation: Western Orthopaedic Association. Snowmass, CO 2018.

“Hip Fracture Patients Receiving Perioperative TAVR have Higher Complications Rates”. **Yalamanchili D, Garlich J, Debbi E, Stephenson S, Stephan S**, Little M, Moon C, Lin C, Vrahas M. Rapid Fire Podium Presentation: Western Orthopaedic Association. Snowmass, CO 2018.

“Predictors for Thirty-day to One-year Readmission Rates in a Geriatric Hip Fracture Population.” **Stephenson S, Garlich J, Debbi E, Yalamanchili R, Stephan S**, Little M, Moon C, Lin C, Vrahas M. Rapid Fire Podium Presentation: Western Orthopaedic Association. Snowmass, CO 2018.

“Determining Indications for Preoperative Fascia Iliaca Nerve Block in Hip Fracture Patients.” **Debbi E, Garlich J, Yalamanchili R, Stephenson S, Stephan S**, Anand K, Little M, Moon C, Lin C, Vrahas M. Rapid Fire Podium Presentation: Western Orthopaedic Association; Snowmass, CO.

“Fascia Iliacus Blocks Do Not Affect Hospital Length of Stay.” **Polakof L, Garlich J, Debbi E, Yalamanchili R, Stephenson S, Stephan S**, Anand K, Little M, Moon C, Lin C, Vrahas M. Rapid Fire Podium Presentation: Western Orthopaedic Association; Snowmass, CO.

“Single-shot versus Continuous Fascia Iliaca Blocks for Hip Fractures.” **Stephan S, Garlich J, Debbi E, Yalamanchili R, Stephenson S, Stephan S**, Anand K, Little M, Moon C, Lin C, Vrahas M. Rapid Fire Podium Presentation: Western Orthopaedic Association; Snowmass, CO

“Prolonged Opioid Use Following Geriatric Hip Fracture Surgery.” **Garlich JM, Pujari A, Debbi EM, Yalamanchili DR, Stephenson SK, Stephan SR**, Little MTM, Lin CA , Moon CN, Vrahas MS Rapid Fire Presentation. 2018 Western Orthopaedic Association Annual Meeting. Snowmass, CO August 1-4, 2018.

“Time-to-Block: Early Fascia Iliac Block Reduces Opioid Use in Geriatric Hip Fractures.” **Garlich JM, Debbi EM, Yalamanchili DR, Stephenson SK, Polakof LS**, Little MTM, Moon CN, Vrahas MS, Anand K, Lin CA . Rapid Fire Presentation. 2018 Western Orthopaedic Association Annual Meeting. Snowmass, CO August 1-4, 2018.

“Geriatric Hip Fractures: Regional Anesthesia with Multimodal Pain Management.” **Garlich JM, Moak Z, Debbi EM, Yalamanchili DR, Stephenson SK, Stephan SR**, Little MTM, Moon CN, Vrahas MS, Lin CA , Anand K. Rapid Fire Presentation. 2018 Western Orthopaedic Association Annual Meeting. Snowmass, CO August 1-4, 2018.

“Determining indications for preoperative fascia iliaca nerve blocks in hip fracture patients.” **Debbi EM, Garlich JM, Yalamanchili DR, Stephenson SK, Stephan SR**, Anand K, Moon CN, Little MTM, Lin CA Rapid Fire Presentation.' 2018 Western Orthopaedic Association Annual Meeting. Snowmass, CO August 1-4, 2018.

“Hip Fracture Patients Receiving Perioperative TAVR have Higher Complication Rates.” Yalamanchili DR, Garlich JM, Debbi EM, Stephenson SK, Stephan SR, Moon CN, Lin CA, Little MTM. Rapid Fire Presentation. 2018 Western Orthopaedic Association Annual Meeting. Snowmass, CO August 1-4, 2018

“Predictors for Thirty-Day to One-year Readmission Rates in a Geriatric Hip Fracture Population.” Stephenson SK, Garlich JM, Debbi EM, Yalamanchili DR, Stephan SR, Noorzad A, Polakof LS, Johnson C, Moon CN, Little MTM, Lin CA. Rapid Fire Presentation. 2018 Western Orthopaedic Association Annual Meeting. Snowmass, CO August 1-4, 2018.

“Fascia Iliacus Blocks Do Not Affect Hospital Length of Stay.” Polakof LS, Garlich JM, Stephan SR, Stephenson SK, Yalamanchili DR, Debbi EM, Anand K, Lin CA, Little MTM, Moon CN Rapid Fire Presentation. 2018 Western Orthopaedic Association Annual Meeting. Snowmass, CO August 1-4, 2018.

“Single-shot versus Continuous Fascia Iliaca Blocks for Hip Fractures.” Stephan S, Garlich J, Debbi E, Yalamanchili R, Stephenson S, Anand K, Little M, Moon C, Lin C, Vrahas M. Rapid Fire Presentation. 2018 Western Orthopaedic Association Annual Meeting. Snowmass, CO August 1-4, 2018.

“3-Dimensional Virtual Reality for Pain Control in Orthopaedic Patients: A Prospective Randomized Control Study.” Little MTM, Garlich J, Wright-Chisem, Howard A, Lin CA, Moon CN, Fuller G, Vrahas, Spiegel BM. Podium Presentation. 2018 Western Orthopaedic Association Annual Meeting. Snowmass, CO. August 2-4, 2018 \*\*Winner Young Investigator Award\*\*

“Time-to-Block: Early Fascia Iliaca Block Reduces Opioid Use in Geriatric Hip Fractures.” Garlich J, Debbi E, Yalamanchili R, Stephenson S, Stephan S, Anand K, Little M, Moon C, Vrahas M, Lin C. Poster; 2018 Orthopaedic Trauma Association Annual Meeting. Kissimmee, FL. October 17-20, 2018.

“Geriatric Hip Fractures: Regional Anesthesia with Multimodal Pain Management.” Garlich J, Debbi E, Yalamanchili R, Stephenson S, Stephan S, Anand K, Little M, Moon C, Vrahas M, Lin C. Poster; 2018 Orthopaedic Trauma Association Annual Meeting. Kissimmee, FL. Oct 17-20, 2018.

“Comparing Complication Rates and Outcomes of Single-Shot Versus Continuous Fascia Iliaca Blocks for Pain Management of Geriatric Hip Fracture Patients.” Stephan S, Garlich J, Debbi E, Yalamanchili D, Stephenson S, Polakof L, Vrahas M, Moon C, Lin C, Little M. Poster; 2018 Orthopaedic Trauma Association Annual Meeting. Kissimmee, FL. Oct 17-20, 2018.

“Hip Fracture Patients Receiving Perioperative TAVR have Higher Complications Rates”. Yalamanchili DR, Garlich JM, Debbi EM, Stephan SR, Johnson CR, Polakof LS, Noorzad AS, Moon CN, Little, MTM. Rapid Fire Presentation. Western Orthopaedic Association. Snowmass, CO, August, 2018

“Time-to-block: Early Fascia Iliaca Block Placement Reduces Opioid Intake and Length of Stay in Geriatric Hip Fractures.” Garlich JM, Debbi EM, Yalamanchili DR, Stephenson S, Stephan SR, Noorzad AS, Polakof LS, Johnson CR, Moon CM, Lin CA. Rapid Fire Presentation. WOA. Snowmass, CO, August, 2018

“Prolonged Opioid Use Following Geriatric Hip Fracture Surgery.” Garlich JM, Pujari A, Lin CA, Little MTM, Moon CN. Rapid Fire Presentation. Western Orthopaedic Association. Snowmass, CO, August, 2018

“Spectrum of Orthopaedic Injuries Associated with Hoverboard Use.” Ju DG, Moon CN. E-POSTER. Western Orthopaedic Association. Snowmass, CO, August, 2018

"3-Dimensional Virtual Reality of Pain Control in Orthopaedic Patients: A Prospective Randomized Study. " Little MTM, **Garlich JM**, Lin CA , Moon CN Young Investigator Award. Podium. Western Orthopaedic Association. Snowmass, CO, August, 2018

"Comparison of Narcotic Use in Geriatric Hip Fracture Patients Undergoing Single Short or Continuous Fascia Iliaca Blocks" **Stephan SR**, **Garlich JM**, **Polakof LS**, **Johnson C**, **Noorzad A**, **Yalamanchili DR**, **Debbi EM**, Moon CN, Little MTM Anand K. Rapid Fire Presentation. Western Orthopaedic Association Annual Meeting. Snowmass, CO, 2018 Aug

"Time-to-Block: Early Fascia Iliac Block Reduces Opioid Use in Geriatric Hip Fractures", **Garlich JM**, **Debbi EM**, **Yalamanchili DR**, **Stephenson SK**, **Polakof LS**, Little MTM, Moon CN, Vrahas MS, Anand K, Lin CA. Rapid Fire Presentation, Western Orthopaedic Association Annual Meeting. Snowmass, CO, 2018 Aug

"Fascia Iliacus Blocks Do Not Affect Hospital Length of Stay", **Polakof LS**, **Garlich JM**, **Stephan SR**, **Stephenson SK**, **Yalamanchili DR**, **Debbi EM**, Anand K, Lin CA , Little MTM, Moon CN. Rapid Fire Presentation. Western Orthopaedic Association Annual Meeting. Snowmass, CO, Aug 2018.

"Geriatric Hip Fractures: Regional Anesthesia with Multimodal Pain", **Garlich JM**, Moak Z, **Debbi EM**, **Yalamanchili DR**, **Stephenson SK**, **Stephan SR**, Little MTM, Moon CN, Vrahas MS, Lin CA , Anand K. American Society of Regional Anesthesia Annual Meeting. New York, NY, 2018 Apr.

"Early Regional Anesthesia with Multimodal Pain Management in Geriatric Hip Fractures: A Protocol to Reduce Opioid Use", **Garlich JM**, Moak Z, Carol Lin CA , Anand K. American Society of Regional Anesthesia Annual Meeting. New York, NY, 2018 Apr.

"3rd Place Award in Basic Science: Electrospun synthetic bone scaffold promotes mesenchymal stem cell function and rhBMP-2 mediated spinal fusion", **Ju DG**, Glaeser JD, Salehi K, Kanim LE, **Behrens PH**, Eberlein SA, Metzger MF, Sheyn D, Bae HW. OREF/ORS Southwest Region Resident Research Symposium, SD, CA, Sept 2018

"Smokers Undergoing Total Knee Arthroplasty Have Increased Early Morbidity, Mortality and Hospital Costs", **Rajaei SS**, **Debbi EM**, Paiement, GD, Spitzer, AI. Poster Presentation, Abstract A558. American Association of Hip and Knee Surgeons, November 1-4, 2018, Dallas, TX

"Smoking and Total Hip Arthroplasty in 2014: Increased Inpatient Complications and Costs", **Rajaei SS**, **Debbi EM**, Spitzer, AI, Paiement, GD. Poster Presentation, Abstract A557. American Association of Hip and Knee Surgeons, November 1-4, 2018, Dallas, TX

"Smoking and Total Hip Arthroplasty in 2014: Increased Inpatient Complications and Costs". **Debbi EM**, **Rajaei SS**, Spitzer, AI. Paiement, GD. 38th Annual Meeting of the Israel Orthopaedic Association, E Poster. December 12-13, 2018. Tel Aviv, Israel.

"Smokers undergoing Total Knee Arthroplasty have Increased Early Morbidity, Mortality and Hospital Costs", **Rajaei SS**, **Debbi EM**, Paiement, GD, Spitzer, AI. Podium Presentation, 38th Annual Meeting of the Israel Orthopaedic Association. December 13, 2018. Tel Aviv, Israel.

"Comparison of lateralizing calcaneal osteotomies for hindfoot varus correction." **An T**, **Michalski M**, Jansson K, Pfeiffer G. Podium at Orthopedic Summit for Evolving Techniques 2018 Annual Meeting. Dec 2018. Las Vegas, NV.

“Comparison of lateralizing calcaneal osteotomies for hindfoot varus correction.” An T, Michalski M, Jansson K, Pfeffer G. Podium at Western Orthopedic Association 2018 Annual Meeting. Aug 2018. Snowmass, CO.

### Grants/Accomplishments

Noori, Naudereh - AOFAS Resident Scholar 2017 OTA resident course scholarship

An, Tonya- AOFAS Resident Scholar 2017 scholarship

Ju, Derek - OREF Resident Clinician Scientist Training Grant Project: Identifying and mitigating the effects of diabetes on disc degeneration. Co-investigators: Hyun Bae, Dmitriy Sheyn, Melodie Metzger, Juliane Glaeser. California Orthopaedic Association Resident Research Award Paper: Nationwide Analysis of Femoral Neck Fractures in Elderly Patients To be presented at the COA meeting in May, along with a cash prize for the resident and the residency program.

Tonya An- *Best Clinical Paper Award*. Orthopedic Summit for Evolving Techniques 2018 Annual Meeting. Las Vegas, NV. Dec 2018.

DEREK JU - 2018 OREF/ORS Southwest Region Resident Research Symposium, 3rd Place in Basic Science

## Year in Review – 2019

### Publications

Noori N; Myerson C; Charlton T; Thordarson D. Is Antibiotic Prophylaxis Necessary Before Dental Procedures in Patients Post Total Ankle Arthroplasty?. Epub Ahead of Print and In-Process & Other Non-Indexed Citations 1946 to Present *Foot & Ankle International* . 2018 Feb

Glaeser JD; Salehi K; Kanim LEA; Sheyn D; NaPier Z; Behrens PH; Garcia L; Cuellar JM; Bae HW. Anti-Inflammatory Peptide Attenuates Edema and Promotes BMP-2-Induced Bone Formation in Spine Fusion. Epub Ahead of Print and InProcess & Other Non-Indexed Citations 1946 to Present *Tissue engineering, Part A*. 2018 11.

Mayeda BF; Haw JG; Battenberg AK; Schmalzried TP. Femoral-Acetabular Mating: The Effect of Femoral and Combined Anteversion on Cross-Linked Polyethylene Wear. Epub Ahead of Print and In-Process & Other Non-Indexed Citations 1946 to Present *Journal of Arthroplasty*. 2018 10.

Mayeda BF; Haw JG; Battenberg AK; Schmalzried TP. Femoral-Acetabular Mating: The Effect of Femoral and Combined Anteversion on Cross-Linked Polyethylene Wear. *Journal of Arthroplasty*. 2018 10.

Ju DG; Debbi EM; Neustein AZ; Moon CN. Fibular Lengthening Osteotomy With Revision Syndesmotic Repair for Ankle Fracture Malunion. Epub Ahead of Print and In-Process & Other Non-Indexed Citations 1946 to Present *Journal of Orthopaedic Trauma*. 2019 Aug.

Pfeffer G, Michalski M, Nelson T, An T, Metzger M. Extensor Tendon Transfers for Treatment of Foot Drop in Charcot-Marie-Tooth Disease: A Biomechanical Evaluation. *Foot Ankle Int*. Dec. 2019.

Pfeffer G, Gonzales T, et. al. A Consensus Statement on the Surgical Treatment of Charcot-Marie-Tooth Disease. *Foot Ankle Int*. 2020.

An T, Garlich G, Kulber D. Yoga-induced myositis ossificans traumatica of the scapholunate ligament. *J Wrist Surg*. Feb 2019. PMID 30723608.

An T, Cassinelli S, Charlton T, Pfeffer G, Thordarson D. Radiographic and magnetic resonance imaging of the symptomatic Cartiva synthetic cartilage implant. *Foot Ankle Int*. July 2019. PMID 31538827.

### Presentations

“Infraspinatus Tenotomy Improves Glenoid Visualization with the Modified Judet Approach”. Garlich J, Samuel K, Nelson T, Monfiston C, Kremen T, Metzger M, Little M. Podium Presentation and Recipient of Western Orthopaedic Association's David H. Chafey III, MD Donor Award. Western Orthopaedic Association. Monterey, CA 2019.

“Evaluation of Multiplanar Stability in Neer Type IIB Clavicle Fractures”. Garlich J, Little M, Nelson T, Eberlein S, Monfiston C, Lin C, Kremen T, Metzger M. Rapid Fire Podium Presentation: Western Orthopaedic Association; Monterey, CA 2019.

“Early Regional Anesthesia Improves Pain Management in Geriatric Hip Fractures”. **Garlich J**, Pujari A, **Debbi E**, et al. Rapid Fire Podium Presentation: Wester Orthopaedic Association. Monterey, CA 2019.

“When is a Hill-Sachs Lesion Too Large for Remplissage? The Relationship Between Humeral Head Size and Infraspinatus Tendon Length”. Kremen T, Monfiston C, **Garlich J**, Little M, Metzger M. Rapid Fire Podium Presentation: Wester Orthopaedic Association. Monterey, CA 2019.

“Preoperative Hemoglobin: A Predictor for Mobilization and Length of Stay”. **Noorzad A**, **Garlich J**, **Debbi E**, et al. Rapid Fire Podium Presentation: Wester Orthopaedic Association. Monterey, CA 2019.

“Predictors For Thirty-day To One-year Readmission in a Geriatric Hip Fracture Population”. **Stephenson S**, Moon C, Little M, **Garlich J**, Lin C, **Debbi E**, **Yalamanchili D**. Rapid Fire Podium Presentation: Wester Orthopaedic Association. Monterey, CA 2019.

“Oral Anticoagulants' Impact on Time to Surgery in Hip Fractures”. **Johnson C**, **Garlich J**, **Stephan S**, **Noorzad A**, **Polakof L**, Little M, Moon C. Rapid Fire Podium Presentation: Wester Orthopaedic Association. Monterey, CA 2019.

“Preoperatively Placed Fascia Iliaca Blocks Reduce Both Pre- and Postoperative Opioid Intake in Geriatric Hip Fracture Patients”. **Garlich J**, **Debbi E**, **Yalamanchili D**, **Stephenson S**, **Stephan S**, **Noorzad A**, **Polakof L**, Little M, Lin C. Podium Presentation: Game Changer Session, American Academy of Orthopaedic Surgeons Annual Meeting. Las Vegas, NV 2019

“Clavicle Nonunions: Plate and Graft Type Do Not Affect Healing Rates”. Wiss D, **Garlich J**. Podium Presentation: American Academy of Orthopaedic Surgeons Annual Meeting. Las Vegas, NV 2019.

“Healing the Index Humeral Nonunion Surgery: 117 Cases Treated with Plate Osteosynthesis and Graft Augmentation”. Wiss D, **Garlich J**. Podium Presentation: AAOS Annual Meeting. Las Vegas, NV 2019.

“Infraspinatus Tenotomy Increases Glenoid Exposure with the Modified Judet Approach to the Scapula”. **Garlich J**, Nelson T, et al. Podium Presentation: Orthopaedic Research Society Annual Meeting. Austin, TX 2019.

“Preoperatively Placed Fascia Iliaca Blocks Reduce Both Pre- and Postoperative Opioid Intake in Geriatric Hip Fracture Patients.” **Garlich J**, **Yalamanchili D**, **Stephenson S**, **Stephan S**, **Noorzad A**, **Polakof L**, Little MT, Lin CA . Podium Presentation. 2019 American Academy of Orthopaedic Surgeons National Meeting. Las Vegas, NV. March 12-16, 2019. \*Selected for Game Changers Special Presentation\*\*

“Higher Incidence of Surgical Site Infection (SSI) in Immunologically Optimized HIV+ Patients Undergoing Primary Total Hip Arthroplasty: A Prospective Study.” Lin CA , Paiement GD, **Behrens PH**, Hardy WD, LaBounty T, Mirocha J, Conte AH. Poster; 2019 American Academy of Orthopaedic Surgeons Annual Meeting. Las Vegas, NV. March 12-16, 2019.

“Perioperative and Perioperative Fascia Iliacus Blocks in Geriatric Hip Fracture Patients are Associated with Lower Rates of Discharge to Skilled Nursing Facilities.” Poster **Polakof L**, **Garlich J**, **Stephan S**, **Johnson C**, **Noorzad A**, **Debbi E**, **Yalamanchili D**, Lin C, Little MT.; 2019 American Academy of Orthopaedic Surgeons Annual Meeting. Las Vegas, NV. March 12-16, 2019.

“Prolonged Opioid Use Following Geriatric Hip Fracture Surgery-Trends and Risk Factors.” Lin CA , Pujari A, **Garlich J**, Rosen S. Poster; American Geriatrics Society 2019 Annual Scientific Meeting. Portland, OR. May 2-4 2019.



“Smoking and Total Hip Arthroplasty in 2014: Increased Inpatient Complications and Costs”, **Debbi, E, Rajae, S**, Spitzer, AI, Paiement, GD. AAOS Paper 346. March 13 2019. Las Vegas, NV.

“Lateralizing calcaneal osteotomies for hindfoot varus correction in Charcot-Marie-Tooth disease.” **An T, Michalski M**, Jansson K, Pfeffer G. Poster Presentation, AAOS Annual Meeting 2019. Mar 2019. Las Vegas, NV.

### Accomplishments

EYTAN DEBBI - Orthopaedic Surgery Administrative Chief Resident

NAUDEREH NOORI - EYTAN DEBBI - Orthopaedic Surgery Administrative Chief Resident

JOHN GARLICH -Accepted to The Martin Allgöwer AO North America Trauma Traveling European Fellowship - Charité Hospital. Berlin, Germany -Matched to the The University of Texas HSC at Houston Orthopaedic Trauma Fellowship -Graduated May 2019 - Master's Degree in Health Delivery Science

### Grants

DEREK JU - Diabetes and Intervertebral Disc Degeneration

### Honors and Prizes

EYTAN DEBBI - Western Orthopaedic Foundation Nitin N. Bhatia Travel Grant for Research

JOHN GARLICH - Resident Research Award, Western Orthopaedic Association's David H. Chafey III, MD's Donor Award, Monterrey, CA, 2019. -'Game Changer' Podium paper presentation at AAOS, Las Vegas, NV, 2019. -Young Investigator Award - 82nd Annual Western Orthopaedic Association Meeting, Aspen, CO, 2018. -Most Outstanding Participation - 82nd Annual Western Orthopaedic Association Meeting, Aspen, CO, 2018.