

Dimitri Delagrammaticas

Central Coast Orthopedic Medical Group | 862 Meinecke Ave, Suite 100 San Luis Obispo, CA 93405
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Education

California Polytechnic State University—San Luis Obispo, CA

4+1 Dual Degree Conferment:

Master of Science Degree in **Engineering, Biomedical Engineering Specialization**, June 2009

Bachelor of Science Degree in **Biomedical Engineering, Magna Cum Laude**, June 2009

Georgetown University School of Medicine – Washington, DC

Doctor of Medicine, Class of 2013

Post Graduate Education and Training

Northwestern University – Chicago, IL

Orthopaedic Surgery Residency, June 2018

Administrative Chief Resident

AOTrauma Fellowship – Lucerne, Switzerland

Luzerner Kantonsspital, April 2018

The Steadman Clinic – Vail, CO

Adult Reconstruction Fellowship, July 2019

Professional Experience

Central Coast Orthopedic Medical Group

2019-Present

862 Meinecke Ave, Suite 100

San Luis Obispo, CA 93405

Hospital Affiliations

French Hospital Medical Center

Sierra Vista Medical Center

Coastal Surgical Institute

Licenses

State of California Medical License

2019-Present

State of Colorado Medical License

2018-Present

California Radiography and Fluoroscopy Operator and Supervisor

2019-Present

Memberships

American Orthopaedic Association Emerging Leaders Program

American Association of Hip and Knee Surgeons

American Academy of Orthopaedic Surgeons

Administrative and Volunteer Experience

Northwestern Department of Orthopaedic Surgery, Chief Resident

2017-2018

Operation Walk Chicago, Hanoi, Vietnam

2016

AAOS Orthopaedic Learning Center, Course Assistant

2015-2018

Georgetown University Hoya Clinic, Medical Student Volunteer

2009-2013

Georgetown University School of Medicine, First Year Orientation Coordinator

2010

Georgetown University School of Nursing, Anatomy Teaching Assistant

2010

Cal Poly Engineering Student Council, Biomedical Engineering Representative

2007-2008

Flying Samaritans, Goal Coast Chapter, Student Coordinator

2007-2008

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Prior Employment Experiences

Alcon Laboratories – Irvine, CA Engineer I	2008-2009
Abbott Vascular – Temecula, CA R&D Engineering Intern	2007
3M Unitek – Monrovia, CA Manufacturing Engineering co-op	2006

Accomplishments

The Steadman Clinic, Fellow Research Award
American Orthopaedic Association C. McCollister Evarts Resident Leadership Forum participant
Current Concepts Foundation Scholarship
Georgetown University School of Medicine George M. Kober Student Research Dean's Recognition
Cal Poly College of Engineering Senior Award for Contributions to the College of Engineering
Cal Poly University President's List
Cal Poly College of Engineering Dean's Honor List

Team Coverage Experience

US Ski and Snowboard Team Medical Pool Physician	2018-present
Chicago Cubs Spring Training Physicals	2018
Chicago Public Schools Football Team Physician	2014-2018
Chicago Public Schools Annual Physicals	2016
NCAA Big10 Women's Championship Tournament Medical Staff	2015

Research Experience

Ongoing Research

- **Delagrammaticas DE**, Rozell JC, Spratt JD, Poulton R, Dornin G, Kim RH. *The Effect of Opioid Prescribing Patterns on Pain, Opioid Consumption, and Satisfaction Following Total Hip and Knee Arthroplasty: A Randomized Control Trial*. Enrollment in process.

Publications

- Kim RH, Rozell JC, **Delagrammaticas DE**, Matta JM *Extensile Exposures for the Anterior Approach*. Journal of the American Academy of Orthopaedic Surgeons – Invited manuscript submitted
- Rozell JC, **Delagrammaticas DE**, Schwarzkopf R. *Interprosthetic Femoral Fractures: Management Challenges*. Orthopedic Research and Reviews. Manuscript accepted, awaiting print
- **Delagrammaticas DE**, Rozell JC, Kim RH, Foran JR. *Three minute dry time, why are we waiting?* Manuscript under publication review
- Rozell JC, **Delagrammaticas DE**, Schairer WT, Kim RH, Provencher MT. *Anatomic Medial Collateral Ligament Reconstruction for Post-Traumatic Instability following Total Knee Arthroplasty* Journal of Bone and Joint Surgery Case Connector. Manuscript under publication review
- *Rozell JC Delagrammaticas DE, Spratt JD, Kim RH. Identifying Factors Associated with Failure of Same Day Discharge for Total Hip and Knee patients*. Manuscript under publication review.
- Tatka J, Brady A, Rosenberg S, **Delagrammaticas DE**, Matta JM – *Anatomical Landmarks of the Greater Trochanter as a Reference for Measurement of Femoral Offset*. Manuscript under publication review
- **Delagrammaticas DE**, Brady AW, Rozell JC, Tatka J. *Accuracy and Reliability of Software Navigation for Acetabular Component Placement in THA: A Laboratory Validation*. Manuscript under publication review

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- Brady AW, **Delagrammaticas DE**, Matta JM. *The Argument for “anatomic criteria” for measuring acetabular cup position rather than the commonly used “radiographic criteria”*, Manuscript submitted for publication review.
- Sa-ngasoongsong P, Rohner-Spengler M, **Delagrammaticas DE**, Babst RH, Beeres FJP. Comparison of fracture healing and long-term patient-reported functional outcome between dorsal and volar plating for AO C3-type distal radius fractures. *Eur J Trauma Emerg Surg*. February 2019.
- Harold RE, **Delagrammaticas DE**, Keller T, Butler BA, Stover MD, Manning DW. Are single plant intraoperative and biplanar postoperative radiographic measurement of acetabular cup position the same? *Hip International*. June 2019.
- Martusiewicz A, **Delagrammaticas D**, Bhatt SA, Mazmudar AS, Beal MD, Manning DW. *Anterior Versus Posterior Total Hip Arthroplasty- Patient Reported Outcomes in Early Post-Operative Period*. *Hip International*. Dec 2018.
- **Delagrammaticas DE**, Ochenjele, G, Rosenthal BD, Assenmacher B, Manning DW, Stover MD. *Intraoperative Evaluation of Cup Position During Anterior Total Hip Arthroplasty: Are We Accurately Interpreting?* *Hip International*. Sept 2018.
- **Delagrammaticas DE**, Alvi HM, Kaat, AJ, Sullivan RR, Stover MD, Manning DW. *The Quantitative Effect of Pelvis and Beam Position on Radiographic Assessment of Acetabular Component Position*. *J Arthroplasty*. 2017 Oct 33(2):608-614
- Edelstein A, Lovecchio F, **Delagrammaticas D**, Fitz D, Hardt K, Manning D. *The Impact of Metabolic Syndrome on 30-Day Complications Following Total Joint Arthroplasty*. *J Arthroplasty*. 2017 Feb 32(2):362-366.
- **Delagrammaticas D**, Cordes S. *A Rare Case of an Irreducible Patella Dislocation*. *Case Rep Med*, 2016 October.
- Beal MD, **Delagrammaticas D**, Fitz D. *Improving outcomes in total knee arthroplasty — do navigation or customized implants have a role?* *J Orthop Surg Res*. 2016 May 23; 11(1):60.
- Demzik AL, Alvi HM, **Delagrammaticas DE**, Martell JM, Beal MD, Manning DW. *Inter-Rater and Intra-Rater Repeatability and Reliability of EOS 3-Dimensional Imaging Analysis Software*. *J Arthroplasty*. 2016 May 31(5):1091-5.

Book Chapters

- The Knee – Gwo-Chin Lee
Delagrammaticas DE, Kim RH - Chapter 10: Patellar Instability and Isolated Patellofemoral Arthritis
- Surgical Insights: Total Hip Arthroplasty – American Academy of Orthopaedic Surgeons
Delagrammaticas DE - Chapter 3: Total Hip Arthroplasty Indications and Contraindications: Patient Selection, Medical Optimization, and Risk Mitigation

Presentations

- **Delagrammaticas DE**, Rozell JC, Kim RH, Foran JR. *Three minute dry time, why are we waiting?* Poster presentation, AAHKS Annual Meeting, Dallas, TX, November 2019
- Spratt J, Rozell JC, **Delagrammaticas DE**, Kim RH *Reasons for Failed Same-Day Discharge Following Primary Total Knee Arthroplasty* Podium presentation, Eastern Orthopaedic Association Annual Meeting. Palm Beach, FL, November 2019
- Harold RE, **Delagrammaticas DE**, Keller T, Butler BA, Stover MD, Manning DW *PROMIS Physical Function and Pain Interference Correlates with Modified Harris Hip Score in Total Hip Arthroplasty* Podium presentation MidAmerica Mid-America Orthopaedic Association Annual Meeting. April 2018

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- Harold RE, Butler BA, Oyer M, **Delagrammaticas DE**, Stover MD, Manning DW. *Are Supine Intraoperative and Standing Biplanar Postoperative Radiographic Measurements of Acetabular Cup Position the Same?*
Poster presentation, AAHKS Annual Meeting, Dallas, TX, November 2018.
Podium presentation, AAOS Annual Meeting, Las Vegas, NV, March 2019.
- **Delagrammaticas DE**, Ochenjele, G, Rosenthal BD, Assenmacher B, Manning DW, Stover MD. *Intraoperative Evaluation of Cup Position During Anterior Total Hip Arthroplasty: Are We Accurately Interpreting?*
Podium presentation, AAHKS Annual Meeting, Dallas, TX, November 2017.
Poster presentation, AAOS Annual Meeting, New Orleans, LA, March 2018.
- Northwestern University Department of Orthopaedic Surgery Grand Rounds. *International Orthopaedic Experiences*; Chicago, IL. May 2016
- Martusiewicz A, **Delagrammaticas D**, Bhatt SA, Mazmudar AS, Beal MD, Manning DW. *Anterior Versus Posterior Total Hip Arthroplasty- Patient Reported Outcomes in Early Post-Operative Period*.
Podium presentation at Mid-America Orthopaedic Association Annual Meeting. Bonita Springs, FL, April 2016
Podium presentation at OREF/ORS Midwest Region Resident Research Symposium. Chicago, IL, May 2017
- **Delagrammaticas D**, Spies J, Sarmiento M, Desale S. *Uterine Artery Embolization (UAE) for Leiomyomas: Refining and quantifying endpoints of embolization to optimize safety and efficacy*;
Podium Presentation, **Featured Abstract** SIR Annual Meeting. March, 2012
- **Delagrammaticas D**, Dawson M, Cardinal K. *Implementation of Improved Physiologic Components in an In-Vitro Tissue Engineered BVM for Stent Evaluation*; Presented at: Tissue Engineering & Regenerative Medicine International Society Annual Conference and Exposition; San Diego, CA. December, 2008
- **Delagrammaticas D**, Smith A, Cardinal K. *Co-culture of Endothelial and Smooth Muscle Cells for a Dual-Layer In-Vitro Tissue Engineered Blood Vessel Mimic*; Presented at: Surfaces in Biomaterials: BioInterface; Minneapolis, MN. October, 2008

Other Publications

Cal Poly Biomedical Engineering Master's Degree Thesis Research

- *Development of an In-Vitro Tissue Engineered Blood Vessel Mimic Using Human Large Vessel Cell Sources*. California Polytechnic State University San Luis Obispo; Defended 2009.
 - Development of an in-vitro blood vessel construct for intravascular device evaluation
 - Culture and manipulation of human cells, preparation and application of synthetic polymer scaffolds, configuration of perfusion bioreactors, histological assessment