Stanford



Carly E. Jones

Postdoctoral Scholar, Radiology

Bio

BIO

Carly completed her BASc in Engineering Physics (UBC) in 2017. She began the MASc program in Biomedical Engineering at UBC in 2017 and transferred into the PhD program in the spring of 2019. Carly successfully defended her PhD thesis in July of 2024 and began a Postdoctoral Fellowship at Stanford University in September of 2024 in the Radiology Department. Carly received the Young Investigator Award from the International Society of Osteoarthritis Imaging in 2019 for her work on cartilage health in hips with bone marrow lesions. She is also a passionate educator and received a Killam Graduate TA Award in 2021 for her TA work in the Mechanical and Biomedical Engineering Departments at UBC.

HONORS AND AWARDS

- Andrew Nord Fellowship in Rheumatology, Estate of Andrew Nord (UBC Affiliated Scholarship) (September 2022 – August 2023)
- Killam Graduate TA Award, University of British Columbia (Funded by Killam Trust) (April 2021)
- Young Investigator Award, International Society of Osteoarthritis Imaging (June 2019)
- PhD Salary Award, Arthritis Society (September 2018 - April 2022)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Engineer in Training, Engineers and Geoscientists of BC (2019 - present)

STANFORD ADVISORS

- Garry Gold, Postdoctoral Faculty Sponsor

Research & Scholarship

LAB AFFILIATIONS

- Garry Gold, JOINT Lab (9/16/2024)

Publications

PUBLICATIONS

- **What have we learned about osteoarthritis from imaging?** *Best practice & research. Clinical rheumatology*
  Jones, C. E., Gold, G. E.
  2026: 102207
- **Early age-related changes to articular cartilage T1ρ in hips with Legg-Calvé-Perthes disease deformity.** *Osteoarthritis and cartilage open*
  Johnson, L. G., Jones, C. E., Rosenbaum, D. G., Joseph, B., Schaeffer, E. K., Mulpuri, K., Wilson, D. R.
  2025; 7 (2): 100589

- **T1Gd is reduced in bone marrow lesions overlying cartilage in the hip** *OSTEOARTHRITIS AND CARTILAGE*
  Jones, C. E., Cibere, J., Qian, H., Zhang, H., Guo, Y., Russell, D., Forster, B. B., Wong, H., Esdaile, J. M., Wilson, D. R., IMPAKT-HiP Study Team
  2023; 31 (10): 1405-1414
- **Delayed Gadolinium-Enhanced Magnetic Resonance Imaging of Cartilage Values in Hips With Bone Marrow Lesions** *ARTHRITIS CARE & RESEARCH*
  Jones, C. E., Cibere, J., Qian, H., Zhang, H., Guo, Y., Russell, D., Forster, B. B., Wong, H., Esdaile, J. M., Wilson, D. R.
  2022; 74 (12): 1997-2004
- **T_{1ρ} and T₂ MRI show hip cartilage damage in adolescents with healed Legg-Calve-Perthes disease** *JOURNAL OF PEDIATRIC ORTHOPAEDICS-PART B*
  Jones, C. E., Mulpuri, K., Teo, T., Wilson, D. R., d'Entremont, A. G.
  2022; 31 (4): 344-349
- **Effect of positioning error on the Hilgenreiner epiphyseal angle and the head-shaft angle compared to the femoral neck-shaft angle in children with cerebral palsy** *JOURNAL OF PEDIATRIC ORTHOPAEDICS-PART B*
  Sullivan, E. S., Jones, C., Miller, S. D., Lee, K., Park, M., Wilson, D. R., Mulpuri, K., D'Entremont, A. G.
  2022; 31 (2): 160-168
- **Effect of posture and femoral neck osteochondroplasty on femur-acetabulum clearance in patients with cam-type femoroacetabular impingement** *JOURNAL OF ORTHOPAEDIC RESEARCH*
  Wilson, D. R., Zhang, H., Jones, C. E., Gilbart, M. K., Masri, B. A.
  2022; 40 (2): 370-379
- **Southwick angle measurements and SCFE slip severity classifications are affected by frog-lateral positioning** *SKELETAL RADIOLOGY*
  Jones, C. E., Cooper, A. P., Doucette, J., Buchan, L. L., Wilson, D. R., Mulpuri, K., d'Entremont, A. G.
  2018; 47 (1): 79-84
- **Relationships Between Severity of Deformity and Impingement in Slipped Capital Femoral Epiphysis** *JOURNAL OF PEDIATRIC ORTHOPAEDICS*
  Jones, C. E., Cooper, A. P., Doucette, J., Buchan, L. L., Wilson, D. R., Mulpuri, K., d'Entremont, A. G.
  2017; 37 (4): 272-278