



JAMES MACKAY

2018 SCHOLARSHIP RESEARCH SUMMARY



My OARSI scholarship allowed me to spend 10 weeks in the Department of Radiology at Stanford University, under the supervision of Garry Gold. My work focused on the use of hybrid positron emission tomography – magnetic resonance (PET-MR) imaging to assess the association between synovitis and osteophyte metabolic activity in knee OA.



This work has demonstrated that synovitis is more intense adjacent to osteophytes which are more metabolically active. This provides some preliminary in-vivo evidence to support the hypothesis that synovitis is a driver of osteophyte formation, which so far has only been demonstrated in-vitro. I am continuing to work with my colleagues at Stanford on this project and we hope to maintain a fruitful collaboration going forwards.



I had a fantastic time at Stanford both on a personal and professional level. The department is a brilliant place to work full of inspiring people and spending time here has really shown me what is possible in the right sort of research environment. I am incredibly grateful to OARSI for awarding me this Scholarship.

I CANNOT RECOMMEND APPLYING FOR THE OARSI COLLABORATIVE SCHOLARSHIP HIGHLY ENOUGH.





I WAS LUCKY ENOUGH TO TIME MY VISIT TO ALLOW ME TO JOIN IN THE RESEARCH GROUP'S SKI RETREAT TO TAHOE!