

1ST QUARTER 2015 SCHOLARLY ACTIVITY

In the first quarter of 2015, our researchers published or presented seven pieces of original research work.

In **January**, TRIA contributors published three articles in peer-reviewed journals. Dr. Bohn had an article published in the *Journal of Hand Surgery* concerning the topic of the epidemiology of congenital upper limb anomalies. Dr. Nelson published an article in the *Orthopaedic Journal of Sports Medicine* regarding arthroscopic versus open stabilization for shoulder subluxations. Finally, Dr. Braman's article about the development of an arthroscopy skills simulator was published in *Arthroscopy*.

In **March** of 2015, TRIA researchers had one published article and three presentations presented at meetings across the country. Drs. Sikka and Boyd had an article published on their research about isolated FCL injuries in athletes in the *Sports Medicine and Arthroscopy Review*. At the American Academy of Orthopaedic Surgeons annual meeting in Las Vegas, Nevada, Drs. Tompkins and Arendt had a poster presentation about their study of "Magnetic Resonance Characteristics of Patients with Primary Lateral Patellar Dislocation." That same month, Drs. Tompkins and Braman had a podium presentation at the American Orthopaedic Association Council of Orthopaedic Residency Directors meeting in Providence, Rhode Island. This presentation focused on an evaluation of arthroscopic technical skills assessment. Finally, at Drexel University College of Medicine Medical Student Research Day, Dr. Tompkins was proud to present a poster about secondary pathology in regards to the time of ACL surgery.



2ND QUARTER 2015 SCHOLARLY ACTIVITY

In the second quarter of 2015, our researchers had the opportunity to present or publish their work 29 times!

In **April**, TRIA staff published two journal articles and had three presentations. Drs. Nelson and Sikka's article studying online pre-race education for marathon volunteers was published in *Minnesota Medicine*. Andy Taylor, TRIA Physical Therapist, had his work on clinical observation of movement quality during a balance test published in *International Journal of Sports and Physical Therapy*. Dr. Tompkins had two of his studies presented this month. One at the Mid-America Orthopaedic Association annual meeting; and the other at Robert Hebbel Medicine Research Day at the University of Minnesota. Also in April, we had two of our Physical Therapist researchers, Adam Meierbachtol and Eric Paur, give a podium presentation at the Minnesota Physical Therapy Association meeting regarding current concepts in ACL rehabilitation.

We had a very busy month in **May**, with 10 presentations, and one journal article published! Dr. Bohn had her research published in the *Journal of Hand Surgery* discussing touch screen technology in children with varying hand functions. At the Minnesota Orthopaedic Society annual meeting in Minneapolis, TRIA was well represented with 10 presentations. TRIA staff contributing to these projects include: Drs. Macalena, Sikka, Tompkins, Nelson, Fischer, Braman, Arendt, Yonke, athletic trainer Mike Obermeier, and physical therapists, Adam Meierbachtol, Eric Paur, and John Bottoms, along with numerous residents, and medical students.

Our busiest month of the year was **June**! We had two journal articles published. We also had our work presented 11 times around the world! Dr. Tompkins had a great month with two publications, one in the *American Journal of Sports Medicine*, and the second in *Orthopaedics*. Dr. Tompkins also had the opportunity to travel to Lyon, France to present 5 research studies

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at the biennial ISAKOS meeting! Also represented at that meeting were TRIA researchers Drs. Macalena and Arendt with two more presentations. Additionally, in June, Dr. Tompkins had a podium presentation at the Florida Orthopaedic Society meeting. Also, Dr. Braman

had three presentations at the American Orthopaedic Association meeting in Providence, Rhode Island.

RESEARCH

3RD QUARTER 2015 SCHOLARLY ACTIVITY

In the third quarter of 2015, our researchers published two journal articles.

In **July**, Dr. Tompkins, Mike Obermeier, and Julie Agel had an article published in the *American Journal of Sports Medicine*. This publication focused on secondary pathologies in regards to time to ACL reconstruction surgery.

Then, in **September**, Drs. Tompkins and Arendt had a systematic review published in the *American Journal of Sports Medicine*. In this review, they studied patellar instability factors reported in patients with isolated medial patellofemoral ligament reconstruction.



4TH QUARTER 2015 SCHOLARLY ACTIVITY

We finished the year strong with five publications of original research work.

In **October**, Dr. Craig's research was published in the *Journal of Shoulder and Elbow Surgery*. In this article, he examines reverse shoulder arthroplasty versus hemiarthroplasty as treatment for patients with proximal humerus fractures.

November held two publications for TRIA researchers. In *Current Sports Medicine Reports*, Dr. Sikka, with University of Minnesota physician Dr. Dave Olson, published a piece analyzing heat illness in football.

Also, Dr. Craig's article regarding patient activity levels after a reverse total shoulder arthroplasty was featured in the *American Journal of Sports Medicine*.

Finishing a great year in **December**, TRIA staff had another two articles published in peer-reviewed journals. Both articles are pieces from Dr. Craig. In *Clinical Orthopaedics and Related Research*, Dr. Craig's article researches differences in early results of a hybrid glenoid compared with a pegged implant in the shoulder. Then, again in the *American Journal of Sports Medicine*, Dr. Craig examines shoulder outcomes in regards to work and sports in patients who have undergone shoulder hemiarthroplasty surgery.

