

## CURRICULUM VITAE

**1. DATE:** June, 2023

### **I. PERSONAL**

**2. Name:** **TY K. SUBHAWONG, M.D.**

**3. Home Phone:** (305) 215-1164

**4. Office Phone:** (305) 585-7500

**5. Home Address:** 3920 Crawford Avenue  
Miami, FL 33133

**6. Current Academic Rank:** Professor of Clinical Radiology  
Director, Musculoskeletal Division

**6a. Current Track of Appointment:** Clinical Educator

**7. Primary Department:** Department of Radiology (R-109)  
University of Miami Leonard M. Miller  
School of Medicine  
P.O. Box 016960  
Miami, FL 33101

**8. Secondary or Joint Appointment:** Professor of Clinical  
Orthopaedics, by courtesy  
Department of Orthopaedics  
University of Miami Leonard M. Miller  
School of Medicine

**9. Citizenship:** United States of America

**10. Visa Type:** N/A

## **II. HIGHER EDUCATION**

### **11. Institutional:**

#### **Fellowship, Musculoskeletal Imaging**

Johns Hopkins Medical Institutions  
Baltimore, Maryland, USA  
July 1, 2011 - June 30, 2012

#### **Residency, Diagnostic Radiology**

Department of Radiology  
Johns Hopkins Medical Institutions  
Baltimore, Maryland, USA  
July 1, 2007 - June 30, 2011

#### **Internship, Department of Medicine**

Greater Baltimore Medical Center  
Baltimore, Maryland, USA  
June 2006 - June 2007

#### **Doctor of Medicine, (M.D.)**

Vanderbilt University School of Medicine  
Nashville, Tennessee, USA  
May 2006

#### **Bachelor of Science (B.S.)**

Major: Chemistry, Summa Cum Laude  
Attended: 1998-2002  
Vanderbilt University  
Nashville, Tennessee, USA

### **12. Non-Institutional:**

None

### **13. Certification, Licensure:**

- ME # 110653
- DEA # FL3553535

## **III. EXPERIENCE:**

### **14. Academic:**

Director, Division of Musculoskeletal (January 2020-Present)  
Department of Radiology  
University of Miami Miller School of Medicine  
Miami, Florida

Associate Professor of Clinical Radiology (June 2016-Present)  
Department of Radiology

University of Miami Miller School of Medicine  
Miami, Florida

Assistant Professor of Clinical Radiology (2012-2016)  
Department of Radiology  
University of Miami Miller School of Medicine  
Miami, Florida

**15. Hospital Appointments:**

Attending Radiologist  
Jackson Memorial Medical Center  
Department of Radiology  
Miami, Florida  
July 2012 - Present

Attending Radiologist  
University of Miami Hospital & Clinics  
Department of Radiology  
Miami, Florida  
July 2012 - Present

Attending Radiologist  
University of Miami Hospital  
Department of Radiology  
Miami, Florida  
July 2012 - Present

**16. Non-Academic:**

Consultant for FDA: Orthopaedic and Rehabilitation Panel of  
Medical Devices Advisory Committee, (2014 – present)  
- Cartiva® Implant, April 2016  
- Barricaid® Annular Closure Device, December 2017  
- InSpace™ Implant, 2020

Consultant for Arog Pharmaceuticals  
-Central reader for GIST tumor response assessments  
(January 2018 – October 2020)

Consultant for Agios Pharmaceuticals  
-Medical advisory board, imaging features of response to  
IDH-inhibitor for chondrosarcoma  
(June 2018 –2019)

Consultant for Imaging Law  
-Offer second opinion services for attorneys, patients,  
and insurance companies, (2018 – Present)

**17. Military:**

None

**IV. PUBLICATIONS:****18. Books and Monographs:****Book Chapters:**

1. Chhabra A, **Subhawong TK**, Andreisek G. Chapter 4: Magnetic Resonance Neurography of Tunnels—Part 1: Upper Extremity Nerves. In *Magnetic Resonance Neurography*. Jaypee Brothers Medical Pub, 2012.
2. **Subhawong TK** and Souza FF. Radiologic Evaluation of Bone and Soft Tissue Sarcoma at Diagnosis and Follow-up. In *Sarcomas: Evidence-Based Diagnosis and Management*. Springer, 2021.

**19. Juried or refereed journal articles:**

**H-index 34, i10-index 66** (Google scholar 4/6/23)  
*1<sup>st</sup> author or Senior Author: 41 (highlighted)*

**Journal Articles:**

1. Gonzalez MR, Inchaustegui ML, Ruiz-Arellanos K, de Souza FF, **Subhawong TK**, Pretell-Mazzini J. Management of oligometastatic disease in soft tissue sarcomas. *Journal of Cancer Metastasis and Treatment*. 2023 Apr 15;9:12
2. AbuMoussa S, Roshan MP, Souza FF, Daley D, Rosenberg A, Pretell J, Fullerton N, **Subhawong T**. Soft Tissue Masses of the Hand: A Review of Clinical Presentation and Imaging Features. *Curr Oncol*. 2023 Feb 7;30(2):2032-2048. PMID: 36826119
3. Castillo-Flores S, Gonzalez MR, Bryce-Alberti M, de Souza F, **Subhawong TK**, Kuker R, Pretell-Mazzini J. PET-CT in the Evaluation of Neoadjuvant/Adjuvant Treatment Response of Soft-tissue Sarcomas: A Comprehensive Review of the Literature. *JBJS Rev*. 2022 Dec 12;10(12). PMID: 36639875.
4. Gonzalez MR, **Subhawong TK**, Pretell-Mazzini J. Benign Bone Lesions Found in Childhood. *Orthop Clin North Am*. 2023 Jan;54(1):59-74. Epub 2022 Oct 23. PMID: 36402511.
5. Clarke JE, Magoon S, Forghani I, Alessandrino F, D'Amato G, Jonczak E, **Subhawong TK**. Radiologic screening and surveillance in hereditary cancers. *Eur J Radiol Open*. 2022 Apr 25;9:100422. PMID: 35874798
6. Pretell-Mazzini J, Seldon CS, D'Amato G, **Subhawong TK**. Musculoskeletal Metastasis From Soft-tissue Sarcomas: A Review of the Literature. *J Am Acad Orthop Surg*. 2022 Mar 22. Epub ahead of print. PMID: 35320120.

7. N Chin C, **Subhawong T**, Grosso J, Wortman JR, McIntosh LJ, Tai R, Braschi-Amirfarzan M, Castillo P, Alessandrino F. Teaching cancer imaging in the era of precision medicine: Looking at the big picture. *Eur J Radiol Open*. 2022 Mar 15;9:100414. PMID: 35309874; PMCID: PMC8927915.
8. Souza F, Cardoso FN, Cortes C, Rosenberg A, **Subhawong TK**. Soft Tissue Tumors: Imaging Features of Primary Soft Tissue Malignancies. *Radiol Clin North Am*. 2022 Mar;60(2):283-299. Epub 2022 Jan 31. PMID: 35236594.
9. Chhabra A, Deshmukh SD, Lutz AM, Fritz J, Andreisek G, Sneag DB, **Subhawong T**, Singer AD, Wong PK, Thakur U, Pandey T, Chalian M, Mogharrabi B, Guirguis M, Xi Y, Ahlawat S. Neuropathy Score Reporting and Data System: A Reporting Guideline for MRI of Peripheral Neuropathy With a Multicenter Validation Study. *AJR Am J Roentgenol*. 2022 Mar 2. Epub ahead of print. PMID: 35234483.
10. Nathenson MJ, Hu J, Ratan R, Somaiah N, Hsu R, DeMaria PJ, Catoe HW, Pang A, **Subhawong TK**, Amini B, Sweet K, Feister K, Malik K, Jagannathan J, Braschi-Amirfarzan M, Sheren J, Caldas Y, Moreno Tellez C, Rosenberg AE, Lazar AJ, Maki RG, Benedetto P, Cohen J, Trent J, Ravi V, Patel S, Wilky BA. Systemic chemotherapies retain anti-tumor activity in desmoid tumors independent of specific mutations in CTNNB1 or APC: A multi-institutional retrospective study. *Clin Cancer Res*. 2022 Feb 18:clincanres.4504.2021. Epub ahead of print. PMID: 35180772.
11. Barreto-Coelho P, Rosenberg A, **Subhawong T**, Costa P, Espejo-Freire AP, Bialick S, Jonczak E, Trent JC, D'Amato GZ. Treatment of Disseminated Intravenous Leiomyomatosis With ALK Targeting Crizotinib: A Successful Case Report. *JCO Precis Oncol*. 2022 Feb;6:e2100336. PMID: 35108034.
12. Foremny GB, Quintero D, Emerson CP, Baker L, **Subhawong T**, Pretell-Mazzini J, Jose J. Image Findings of Juxtacortical Lesions: A Review of Surface Bone Lesions. *JBJS Journal of Orthopaedics for Physician Assistants*. 2022 Apr 1;10(2):e22.
13. Alidina S, Alidina J, Souza F, Kalandiak S, **Subhawong TK**. Radiographic Evaluation of Elbow Fractures. *Semin Musculoskelet Radiol*. 2021 Aug;25(4):529-537. PMID: 34706382
14. Labiste CC, McElroy E, **Subhawong TK**, Banks JS. Systematic review: investigating the added diagnostic value of gadolinium contrast agents for osteomyelitis in the appendicular skeleton. *Skeletal Radiol*. 2021 Oct 13. PMID: 34643771.

15. Espejo-Freire AP, Elliott A, Rosenberg A, Costa PA, Barreto-Coelho P, Jonczak E, D'Amato G, **Subhawong T**, Arshad J, Diaz-Perez JA, Korn WM, Oberley MJ, Magee D, Dizon D, von Mehren M, Khushman MM, Hussein AM, Leu K, Trent JC. Genomic Landscape of Angiosarcoma: A Targeted and Immunotherapy Biomarker Analysis. *Cancers (Basel)*. 2021 Sep 26;13(19):4816. PMID: 34638300
16. Costa PA, Marbin S, Costa BMLA, Espejo-Freire AP, Saul EE, Barreto-Coelho P, Allen A, Hakim MO, Goel N, D'Amato GZ, **Subhawong T**, Trent JC. A nonrandom association of breast implants and the formation of desmoid tumors. *Breast J*. 2021 Oct;27(10):768-775. PMID: 34453383.
17. Seldon C, Shrivastava G, Al-Awady A, Asher D, Ramey S, Fernandez M, Dooley S, Kwon D, Zhao W, Goel N, Diwanji T, **Subhawong T**, Trent J, Yechieli R. Variation in Management of Extremity Soft-Tissue Sarcoma in Younger vs Older Adults. *JAMA Netw Open*. 2021 Aug 2;4(8):e2120951. PMID: 34415314
18. Massel DH, Haziza S, Rivera S, Mohile N, **Subhawong TK**, Hernandez VH. Septic Arthritis of the Shoulder After SARS-CoV-2 Pfizer Vaccination: A Case Report. *JBJS Case Connect*. 2021 Jul 30;11(3). PMID: 34329200
19. **Subhawong TK**, Feister K, Sweet K, Alperin N, Kwon D, Rosenberg A, Trent J, Wilky BA. MRI Volumetrics and Image Texture Analysis in Assessing Systemic Treatment Response in Extra-Abdominal Desmoid Fibromatosis. *Radiol Imaging Cancer*. 2021 Jul;3(4):e210016. PMID: 34213370
20. Ramachandran A, Fox T, Wolfson A, Banks J, **Subhawong TK**. Superficial fibromatosis: MRI radiomics and T2 mapping correlate with treatment response. *Magn Reson Imaging*. 2021 Sep;81:53-59. PMID: 34116132
21. Roberto González M, Bryce-Alberti M, **Subhawong T**, Hakim M, Rosenberg A, Pretell-Mazzini. Intramedullary Fixation With a Short Nail in a Young Patient Presenting With a Pathological Proximal Femur Fracture. *J.J Am Acad Orthop Surg Glob Res Rev*. 2021 Jun 2;5(6):e21.00055-7. PMID: 34077396
22. Seldon C, Shrivastava G, Fernandez M, Jarboe J, Conway S, Pretell J, Freedman L, Wolfson A, Zhao W, Kwon D, Rosenberg A, **Subhawong T**, Trent J, Yechieli R. Pathologic Response Rates after Neoadjuvant Therapy for Sarcoma: A Single Institution Study. *Cancers (Basel)*. 2021 Mar 3;13(5):1074. PMID: 33802383
23. Chang YC, Stoyanova R, Danilova S, Pretell-Mazzini JA, Kerr DA, Wilky BA, **Subhawong T**. Radiomics on radiography predicts giant cell tumor histologic response to denosumab. *Skeletal Radiol*. 2021 Sep;50(9):1881-1887. Epub 2021 Mar 17. PMID: 33733693

24. D Finkelstein, G Foremny, A Singer, P Clifford, J Pretell-Mazzini, DA Kerr, **T Subhawong**; Differential diagnosis of T2 hypointense masses in musculoskeletal MRI; Skeletal radiology, 1-14; 2021 PMID: 33651128
25. Souza F, Aguilera A, Chaitowitz I, **Subhawong TK**. Diagnostic and Interventional Radiology Considerations in Metastatic Bone Disease. Operative techniques in orthopaedics. 2021;31(3):100893.
26. Souza FF, Pretell-Mazzini J, **Subhawong TK**. Musculoskeletal MRI of Nontraumatic Emergencies. Top Magn Reson Imaging. 2020 Dec;29(6):321-330. PMID: 33264272
27. Granger CJ, **Subhawong T**, D'Amato G, Jonczak E, Garbrecht E, Conway SA, Trent JC. Pexidartinib and CSF1R Inhibitors as Treatment for Tenosynovial Giant Cell Tumors. Oncology & Hematology Review (US). 2020;16(2):119-23 DOI: <https://doi.org/10.17925/OHR.2021.16.2.119>
28. Tseng WW, Barretta F, Conti L, Grignani G, Tolomeo F, Albertsmeier M, Angele MK, Rutkowski P, Skoczylas J, De Paoli A, Navarra F, Raut CP, Fairweather M, Farma JM, Nessim C, Goel N, Grignol VP, Ford SJ, Cardona K, **Subhawong T**, Tattersall HL, Lee RM, Hu JS, von Mehren M, Sanfilippo R, Gronchi A. Defining the role of neoadjuvant systemic therapy in high-risk retroperitoneal sarcoma: A multi-institutional study from the Transatlantic Australasian Retroperitoneal Sarcoma Working Group. Cancer. 2020 Nov 18. PMID: 33206381
29. Boden AL, Patel M, Hoyt A, **Subhawong T**, Conway S, Pretell-Mazzini J. Development of Distal Femoral Metastasis is Rare in Cases of Isolated Proximal Femoral Metastases. J Am Acad Orthop Surg. 2020 Aug 27. PMID: 32868702
30. Kerr DA, Brcic I, Diaz-Perez JA, Shih A, Wilky BA, Pretell-Mazzini J, **Subhawong TK**, Nielsen GP, Rosenberg AE. Immunohistochemical Characterization of Giant Cell Tumor of Bone Treated With Denosumab: Support for Osteoblastic Differentiation. Am J Surg Pathol. 2021 Jan;45(1):93-100. PMID: 32773532
31. Richardson ML, Amini B, Beckmann NM, **Subhawong TK**. Measuring and Teaching Confidence Calibration Among Radiologists: A Multi-Institution Study. J Am Coll Radiol. 2020 Oct;17(10):1314-1321. PMID: 32739415
32. Pretell-Mazzini J, Younis MH, **Subhawong T**. Skeletal Muscle Metastases from Carcinomas: A Review of the Literature. JBJS Rev. 2020 Jul;8(7):e1900114-8. PMID: 32618741
33. Ocksrider J, Boden AL, Greif DN, Hernández R, Jose J, Pretell-Mazzini J, **Subhawong T**, Foremny GB, Singer A, Quinnan SM. Radiographic evaluation of reconstructive surgery for segmental bone defects: What the radiologist should

- know about distraction osteogenesis and bone grafting. Clin Imaging. 2020 May 29;67:15-29. PMID: 32502926
34. Massel DH, Jenkins NW, Rush AJ 3rd, Trapana JE, Foremny GB, Donnally CJ 3rd, **Subhawong T**, Aiyer A. MRI and Clinical Risk Indicators for Osteomyelitis. Foot Ankle Spec. 2020 May 16. PMID: 32418456
35. Perez JR, Jose J, Mohile NV, Boden AL, Greif DN, Barrera CM, Conway S, **Subhawong T**, Ugarte A, Pretell-Mazzini J. Limb salvage reconstruction: Radiologic features of common reconstructive techniques and their complications. J Orthop. 2020 Mar 27;21:183-191. PMID: 32256002
36. Arshad J, Ahmed J, **Subhawong T**, Trent JC. Progress in determining response to treatment in gastrointestinal stromal tumor. Expert Rev Anticancer Ther. 2020 Apr;20(4):279-288. PMID: 32191549
37. Lugo-Pico JG, Conway SA, **Subhawong T**, Pretell-Mazzini J. Soft Tissue Masses in Patients Who Underwent Cosmetic Fat Transfer Procedures for Gluteal Augmentation: A Report of 3 Cases. JBJS Case Connect. 2020 Jan-Mar;10(1):e0469. PMID: 32044775
38. Kerr DA, Pinto A, **Subhawong TK**, Wilky BA, Schlumbrecht MP, Antonescu CR, Nielsen GP, Rosenberg AE. Pericytoma With t(7;12) and ACTB-GLI1 Fusion: Reevaluation of an Unusual Entity and its Relationship to the Spectrum of GLI1 Fusion-related Neoplasms. Am J Surg Pathol. 2019 Dec;43(12):1682-1692. PMID: 31567194
39. Myslicki FA, Rosenberg AE, Chaitowitz I, **Subhawong TK**. Intraosseous Hibernoma: Five Cases and a Review of the Literature. J Comput Assist Tomogr. 2019 Sep/Oct;43(5):793-798. PMID: 31453977
40. Monga A, Rosenberg A, O'Dea F, Durham J, **Subhawong TK**. Test yourself answer: painful knee swelling. Skeletal Radiol. 2019 Nov;48(11):1829-1830. doi: 10.1007/s00256-019-03274-1. PMID: 31312868 (Question: PMID: 31278538)
41. Wilky BA, Trucco MM, **Subhawong TK**, Florou V, Park W, Kwon D, Wieder ED, Kolonias D, Rosenberg AE, Kerr DA, Sfakianaki E, Foley M, Merchan JR, Komanduri KV, Trent JC. Axitinib plus pembrolizumab in patients with advanced sarcomas including alveolar soft-part sarcoma: a single-centre, single-arm, phase 2 trial. Lancet Oncol. 2019 May 8. pii: S1470-2045(19)30153-6. PMID: 31078463
42. Pham K, Ezuddin NS, Pretell-Mazzini J, **Subhawong TK**. Small soft tissue masses indeterminate at imaging: histological diagnoses at a tertiary orthopedic oncology clinic. Skeletal Radiol. 2019 Mar 22. PMID: 30903259



43. Singer AD, Younan Y, Saadat V, Umpierrez M, Kesner V, Boulis N, Gonzalez F, **Subhawong TK**. Performance of an Interactive Upper Extremity Peripheral Nerve Training Module Among Medical Students, Radiology Residents, and Fellows: A Multi-institutional Study. *Curr Probl Diagn Radiol*. 2019 Jan 2. PMID: 30639073
44. Shah SS, Consuegra JM, **Subhawong TK**, Urakov TM, Manzano GR. Epidemiology and etiology of secondary piriformis syndrome: A single-institution retrospective study. 1. *J Clin Neurosci*. 2019 Jan;59:209-212. doi: 10.1016/j.jocn.2018.10.069. Epub 2018 Oct 24. PMID: 30528358
45. Tally WC, Temple HT, **Subhawong T**, Ganey T. Transforaminal Lumbar Interbody Fusion With Viable Allograft: 75 Consecutive Cases at 12-Month Follow-up. *Int J Spine Surg*. 2018 Mar 30;12(1):76-84. PMID: 3028008
46. Ramey SJ, Yechieli R, Zhao W, Kodiyan J, Asher D, China FM, Patel V, Reis IM, Wang L, Wilky BA, **Subhawong T**, Trent JC 2nd. Limb-sparing surgery plus radiotherapy results in superior survival: an analysis of patients with high-grade, extremity soft-tissue sarcoma from the NCDB and SEER. *Cancer Med*. 2018 Jul 20. PMID: 30030882
47. Carter AH, Gutierrez N, **Subhawong TK**, Temple HT, Lesniak BP, Baraga MG, Jose J. MR imaging of BioCartilage augmented microfracture surgery utilizing 2D MOCART and KOOS scores. *J Clin Orthop Trauma*. 2018 Apr-Jun;9(2):146-152. PMID: 29896018
48. Summers S, Jose J, Barrera CM, Pretell-Mazzini J, **Subhawong T**, Nguyen NV, Kerr D, Nielsen GP, Rosenberg AE. Intraosseous schwannomas involving the sacrum: Characteristic imaging findings and review of the literature. *Neuroradiol J*. 2018 Jan. PMID: 29890877
49. Ezuddin NS, Pretell-Mazzini J, Yechieli RL, Kerr DA, Wilky BA, **Subhawong TK**. Local recurrence of soft-tissue sarcoma: issues in imaging surveillance strategy. *Skeletal Radiol*. 2018 May 21. Review. PMID: 29785452
50. Cohen-Levy WB, Pretell-Mazzini J, Singer AD, **Subhawong T**, Greif DN, Jose J. Significance of incidental intra-articular and peri-articular FDG avid foci on PET/CT. *Acta Radiol*. 2018 Jan 1:284185118770901. doi: 10.1177/0284185118770901. PMID: 29665710
51. Allen CJ, **Subhawong TK**, Hanna MM, Chelala L, Bullock MR, Schulman CI, Proctor KG. Does Vasopressin Exacerbate Cerebral Edema In Patients With Severe Traumatic Brain Injury? *Am Surg*. 2018 Jan 1;84(1):43-50.
52. Rush AJ, Patel PD, Shemesh S, **Subhawong TK**, Pretell-Mazzini J. Treatment modalities and outcomes of pleomorphic hyalinizing angiectatic tumor: a

- systematic review of the literature. *Musculoskelet Surg*. 2018 Feb 1. PMID: 29392614
53. Agyeman K, Pretell-Mazzini J, **Subhawong T**, Kerr DA, Jose J. Gorham Disease. *Am J Orthop (Belle Mead NJ)*. 2017 Nov/Dec;46(6):E458-E462. PMID: 29309464
54. Banks JS, Wolfson AH, **Subhawong TK**. T2 signal intensity as an imaging biomarker for patients with superficial Fibromatoses of the hands (Dupuytren's disease) and feet (Ledderhose disease) undergoing definitive electron beam irradiation. *Skeletal Radiol*. 2018 Feb;47(2):243-251. PMID: 29085992
55. Jahed K, Khazai B, Umpierrez M, **Subhawong TK**, Singer AD. Pitfalls in soft tissue sarcoma imaging: chronic expanding hematomas. *Skeletal Radiol*. 2018 Jan;47(1):119-124. PMID: 28887645
56. Wang L, Pretell-Mazzini J, Kerr DA, Chelala L, Yang X, Jose J, **Subhawong TK**. MRI findings associated with microscopic residual tumor following unplanned excision of soft tissue sarcomas in the extremities. *Skeletal Radiol*. 2017 Sep 1. PMID: 28864832
57. Chang YC, Ackerstaff E, Tschudi Y, Jimenez B, Foltz W, Fisher C, Lilge L, Cho H, Carlin S, Gillies RJ, Balagurunathan Y, Yechieli RL, **Subhawong T**, Turkbey B, Pollack A, Stoyanova R. Delineation of Tumor Habitats based on Dynamic Contrast Enhanced MRI. *Sci Rep*. 2017 Aug 29;7(1):9746. PMID: 28851989
58. Younan Y, Martinez A, Reimer N, Edgar M, Gonzalez F, Umpierrez M, **Subhawong T**, Singer AD. Combined classical spindle cell/pleomorphic lipoma spectrum imaging and clinical data. *Skeletal Radiol*. 2017 Aug 19. PMID: 28823067
59. Tresley J, Wodicka R, Rosenberg A, Pitcher JD, **Subhawong TK**. Rare Dual Lesion: Extraskelatal Osteosarcoma Developing Within a Simple Lipoma. *Am J Orthop (Belle Mead NJ)*. 2017 May/Jun;46(3):E200-E206. PMID: 28666052
60. **Subhawong TK**, Winn A, Shemesh SS, Pretell-Mazzini J. F-18 FDG PET differentiation of benign from malignant chondroid neoplasms: a systematic review of the literature. *Skeletal Radiol*. 2017 Jun 12. [Epub ahead of print] PMID: 28608242
61. Del Grande F, Ahlawat S, **Subhawong T**, Fayad LM. Characterization of indeterminate soft tissue masses referred for biopsy: What is the added value of contrast imaging at 3.0 tesla? *J Magn Reson Imaging*. 2017 Feb;45(2):390-400. PMID: 27417663
62. Younan Y, Uriell M, Carpenter W, Umpierrez M, Kakarala A, Jose J, Robertson DD, **Subhawong TK**, Singer AD. Anatomic Relationship and Imaging Relevance

- of the Perforating Branches of the Peroneal Vessels to the Anterior Talofibular Ligament. *J Emerg Med*. 2017 Jan 25. pii: S0736-4679(16)31135-0. PMID: 28131608
63. Younan Y, Wong PK, Jose J, **Subhawong T**, Baraga M, Umpierrez M, Singer AD. Radiographic assessment of the postoperative knee. *Clin Imaging*. 2016 Nov 17;42:68-82. PMID: 27889679
64. Sheth PJ, Del Moral S, Wilky BA, Trent JC, Cohen J, Rosenberg AE, Temple HT, **Subhawong TK**. Desmoid fibromatosis: MRI features of response to systemic therapy. *Skeletal Radiol*. 2016 Oct;45(10):1365-73 PMID: 27502790
65. Klein JS, Jose J, Baraga MG, **Subhawong TK**. Baseline Cartilage Thickness and Meniscus Extrusion Predict Longitudinal Cartilage Loss by Quantitative Magnetic Resonance Imaging: Data From the Osteoarthritis Initiative. *J Comput Assist Tomogr*. 2016 Nov/Dec;40(6):979-984. PMID: 27454790
66. Rizer M, Singer AD, Edgar M, Jose J, **Subhawong TK**. The histological variants of liposarcoma: predictive MRI findings with prognostic implications, management, follow-up, and differential diagnosis. *Skeletal Radiol*. 2016 May 21; Epub ahead of print. PMID: 27209201
67. Ramachandran A, Inyang AF, **Subhawong TK**. Apparent diffusion coefficient map of a case of extramedullary plasmacytoma. *J Radiol Case Rep*. 2016 Feb;10(2):10–6. PMID: 27200157
68. Pretell-Mazzini J, **Subhawong T**, Hernandez VH, Campo R. HIV and Orthopaedics: Musculoskeletal Manifestations and Outcomes. *J Bone Joint Surg Am*. 2016 May 4;98(9):775–86. PMID: 27147691
69. Singer AD, Pattany PM, Fayad LM, Tresley J, **Subhawong TK**. Volumetric segmentation of ADC maps and utility of standard deviation as measure of tumor heterogeneity in soft tissue tumors. *Clin Imaging*. 2016 Jun;40(3):386–91. PMID: 27133673
70. Tresley J, **Subhawong TK**, Singer AD, Clifford PD. Incidence of tendon entrapment and dislocation with calcaneus and pilon fractures on CT examination. *Skeletal Radiol*. 2016 Jul;45(7):977–88. PMID: 27061188
71. Singer AD, Datir A, Tresley J, Langley T, Clifford PD, Jose J, **Subhawong TK**. Benign and malignant tumors of the foot and ankle. *Skeletal Radiol*. 2016 Mar;45(3):287-305. PMID: 26530393
72. Chhabra A, Belzberg AJ, Rosson GD, Thawait GK, Chalian M, Farahani SJ, Shores JT, Deune G, Hashemi S, Thawait SK, **Subhawong TK**, Carrino JA.

- Impact of high resolution 3 tesla MR neurography (MRN) on diagnostic thinking and therapeutic patient management. *Eur Radiol.* 2015 Sep 22. PMID: 26396110
73. Zeidenberg J, Burks SS, Jose J, **Subhawong TK**, Levi AD. The utility of ultrasound in the assessment of traumatic peripheral nerve lesions: report of 4 cases. *Neurosurg Focus.* 2015 Sep;39(3):E3. PMID: 26323821
74. Ahlawat S, Khandheria P, Del Grande F, Morelli J, **Subhawong TK**, Demehri S, Fayad LM. Interobserver variability of selective region-of-interest measurement protocols for quantitative diffusion weighted imaging in soft tissue masses: Comparison with whole tumor volume measurements. *J Magn Reson Imaging.* 2015 Jul 14. PMID: 26174705
75. **Subhawong TK**, Wilky BA. Value added: functional MR imaging in management of bone and soft tissue sarcomas. *Curr Opin Oncol.* 2015 Jul;27(4):323-31. PMID: 26049272
76. Ahlawat S, Khandheria P, **Subhawong TK**, Fayad LM. Differentiation of benign and malignant skeletal lesions with quantitative diffusion weighted MRI at 3T. *Eur J Radiol.* 2015 Mar 12. PMID: 25805331
77. Singer AD, **Subhawong TK**, Jose J, Tresley J, Clifford PD. Ischiofemoral impingement syndrome: a meta-analysis. *Skeletal Radiol.* 2015 Feb 13. PMID: 25672947
78. Singer A, Clifford P, Tresley J, Jose J, **Subhawong T**. Ischiofemoral impingement and the utility of full-range-of-motion magnetic resonance imaging in its detection. *Am J Orthop (Belle Mead NJ).* 2014 Dec;43(12):548-51. PMID: 25490008
79. Foremny GB, Pretell-Mazzini J, Jose J, **Subhawong TK**. Risk of bleeding associated with interventional musculoskeletal radiology procedures. A comprehensive review of the literature. *Skeletal Radiol.* 2014 Nov 30. PMID: 25433718
80. Muthusamy S, **Subhawong T**, Conway SA, Temple HT. Locally aggressive fibrous dysplasia mimicking malignancy: a report of four cases and review of the literature. *Clin Orthop Relat Res.* 2015 Feb;473(2):742-50. PMID: 25212962
81. **Subhawong TK**, Jacobs MA, Fayad LM. Diffusion-weighted MR imaging for characterizing musculoskeletal lesions. *Radiographics.* 2014 Sep-Oct;34(5):1163-77. PMID: 25208274
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113. Subhawong AP, **Subhawong TK**, Li QK. Fine needle aspiration of metastatic prostate carcinoma simulating a primary adrenal cortical neoplasm: a

case report and review of the literature. *Diagn Cytopathol.* 2010 Feb;38(2):147-53. Review. PMID: 19693937

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## 20. Other Works, Publications and Abstracts:

### Podium Presentations

1. Felipe Souza, Gina D'Amato, Emily Jonczak, Philippos Costa, Jonathan Trent, Andrew Rosenberg, Raphael Yechieli, H. Thomas Temple, Pradip M. Pattany, and **Ty K. Subhawong**. MRI T2 mapping in desmoid tumors: a quantitative imaging biomarker of tumor response with high inter-reader reliability. Society of Skeletal Radiology, Savannah, GA March 2023.



2. **Subhawong TK.** Top 5 Imaging Innovations. 7<sup>th</sup> Annual Winter Technology and Innovation in Orthopaedics Symposium. Ft. Lauderdale, FL January 2023.
3. **Subhawong TK.** Imaging in Sarcoma Surveillance. Innovation and Collaboration: 2023 Advances in Musculoskeletal Oncology Symposium. Miami, FL, January 2023.
4. **Subhawong TK.** MSK Pearls and Pitfalls - Recurrence or Other Complication. Radiological Society of North America, Chicago, IL, November 2022.
5. Mason MM, Carino Mason MR, Aguilera A, Pretell-Mazzini J, Fullerton N, Yechieli R, D'Amato G, Rosenberg AE, Trent JC, and **Subhawong TK.** Changes in High Grade Soft Tissue Sarcoma Volume During Neoadjuvant Therapy: Predictors and Clinical Importance. Radiological Society of North America, Chicago, IL, November 2022.
6. Fox T, Ramachandran A, Wolfson AH, **Subhawong TK.** Superficial Fibromatosis Lesion Size Correlates With T2 Mapping Image Texture Features. Society of Skeletal Radiology, Huntington Beach, CA March 2020 (cancelled due to COVID-19)
7. **Subhawong TK,** Dienes S, Trucco M, Wilky BA. CT Radiomics in Alveolar Soft Part Sarcoma Response to Novel Immunotherapy Regimen. Radiological Society of North America, Chicago, IL, November 2019.
8. Subhawong TK, Feister KF, Sweet KM, Monge Urrea J, Demaria P, Hsu R, Bagci AM, Alperin N, and Wilky BA. MRI Radiomics in the Longitudinal Analysis of Desmoid Fibromatosis Undergoing Systemic Therapy. Radiological Society of North America, Chicago, IL, November 2018.
9. Rosenberg AE and **Subhawong TK.** Indeterminate Dendritic Cell Tumor of Bone. Case Presentation. International Skeletal Society, New York, NY, August 2017.
10. Winn A, Pretell-Mazzini J, Kerr DA, Jose J, Conway S, **Subhawong TK.** F-18 FDG PET Differentiation of Benign and Low-Grade Chondroid Neoplasms from Intermediate/High-Grade Chondrosarcoma: A Meta-Analysis. Radiological Society of North America, Chicago, IL, November 2016.
11. Wang L, Chelala L, Yang X, Jose J, Pretell J, **Subhawong TK.** MRI Findings Associated with Residual Tumor Following

Unplanned Excision of Soft Tissue Sarcomas. Society of Skeletal Radiology, New Orleans, LA, March 2016.

12. **Subhawong TK.** Size and signal: MRI features of response in systemic therapy for aggressive fibromatosis. Desmoid Tumor Research Foundation, Philadelphia, PA, October 2015.
13. Klein J, Jose J, Baraga M, **Subhawong TK.** Baseline cartilage thickness and meniscus extrusion predict longitudinal cartilage loss by quantitative MRI: data from the OAI. Society of Skeletal Radiology, Scottsdale, AZ, March 2015.
14. **Subhawong TK,** Barton M, Pretell-Mazzini J, Infante J, Jose J, Conway SA, Temple HT. Quantitative MRI Assessment of Tumor Necrosis Does Not Correlate with Tumor Volume Changes. Radiological Society of North America, Chicago, IL, November 2014.
15. **Subhawong TK,** Jacobs MA, Fayad LM. Cyst or cystic tumor? The role of quantitative diffusion weighted imaging in differentiating these entities. Society of Skeletal Radiology, San Antonio, TX, March 2013.
16. **Subhawong TK,** Thakkar RS, Flammang A, Chhabra A, Carrino JA. Patellofemoral Friction Syndrome: Biochemical Cartilage Imaging Using T2 Mapping. Radiological Society of North America, Chicago, IL, November 2012.
17. **Subhawong TK,** Wang X, Machado AJ, Barer PB, Christopher-Stine L, Mammen AL, Carrino JA, Fayad LM. 1H Magnetic Resonance Spectroscopy Findings in Chronic Inflammatory Myopathies: Feasibility and First Results. Radiological Society of North America, Chicago, IL, November 2011.

## 21. Other Works Accepted for Publication: N/A

## V. PROFESSIONAL

### 22. Funded Research Performed:

- Safety and Efficacy of Autologous Human Schwann Cell (ahSC) Augmentation in Severe Peripheral Nerve Injury (PNI)  
W81XWH-21-PRORP-CTRA (Levi) 09/30/2022 – 09/29/2026  
Agency: DOD  
PI: Allan Levi

**Role: Co-Investigator, 2% effort**

Description: The purpose of this study is to assess the safety and efficacy of SC augmentation of nerve autograft repair in participants with severe PNI. We hypothesize that augmentation of nerve autograft repair with SCs will enhance axonal regeneration and myelin repair and improve functional recovery when compared to traditional sural nerve grafting.

- **A Phase 2 Study of Talimogene Laherparepvec (T-VEC) and Radiation in Localized Soft Tissue Sarcoma (NCI Protocol #: 10056)**  
Role: Local Co-investigator  
Local PI: Gina D'Amato  
Description: To estimate the pathologic complete necrosis rate (the number of patients with  $\geq$  95% necrosis divided by the number of evaluable patients) following preoperative treatment with talimogene laherparepvec (T-VEC) in combination with radiation in patients with localized soft tissue sarcoma including a pre-planned interim safety analysis to assess post-surgical wound complications.
- **A Study of PET/CT Scans With the Radioactive Tracer 89Zr-DFO-Daratumumab in People With Myeloma (study: 20201536: 177-20-CA)**  
Agency: HOAG Memorial Hospital Presbyterian  
Role: Co-Investigator  
PI: Ola Landgren  
Description: Phase II clinical trial to assess the potential clinical value of 89Zr-DFOdaratumumab immunoPET. The purpose of this study is to see if using the radioactive tracer 89Zr-DFO-daratumumab with PET/CT scans is a practical and effective way to view and monitor multiple myeloma in participants before and during their treatment with daratumumab.
- **Semi-automated qMRI to Assess Desmoid Tumor Volumetric and Stromal Changes Induced by Systemic Therapy**  
Agency: Toshiba America Medical Systems/RSNA Research Seed Grant #RSD1635  
**Role: Principal Investigator**, July 2016-June 2017  
Total Award: \$39,660  
Description: Develop semi-automated quantitative MRI (qMRI) techniques to more accurately and reproducibly measure volumetric changes and MRI signal characteristics induced by systemic therapy for desmoid tumors, with the long term goal of establishing disease-specific validated imaging response criteria
- **A Phase II Trial of Concurrent Axitinib and Pembrolizumab in Subjects with Advanced Alveolar Soft Part Sarcoma (ASPS) and Other Soft Tissue Sarcomas (STS)**  
Agency: Industry (Merck) and Sylvester Comprehensive Cancer Center (SCCC) Clinical Trials Acceleration Grant  
Role: **Sub-Investigator, 2% effort**, June 2016-June 2018  
PI: Breelyn Wilky  
Total Award: \$953,271

Description: Phase II study to examine whether anti-angiogenic agent axitinib can “prime” the sarcoma tumor microenvironment, promote an influx of immune cells into the area and possible upregulation of PD-L1 for synergy with immune-directed cytotoxicity resulting from subsequent pembrolizumab therapy.

- Correlation of CTNNB1 Mutation Status with Chemotherapy Response by MRI in Patients with Desmoid Tumors  
Agency: Desmoid Tumor Research Foundation  
Role: **Sub-Investigator 2% effort**, June 2016-June 2018  
PI: Breeelyn Wilky  
Total Award: \$50,000  
Description: Retrospective study to determine whether S45F mutation status correlates with MRI response to various chemotherapy regimens.
- Determinants of Osteoarthritis Linked to Occupational Radiography: Epidemiologic Surveillance (DOLORES)  
Agency: National Institute of Occupational Health and Safety – OSH-ERC University of Alabama; M1501614  
Role: Co-Investigator, June 2015-June 2016  
PI: Samuel Huntley  
Total Award: \$12,000  
Description: This pilot study involves administering paper-based surveys, performing knee biomechanical examinations, and using a portable ultrasound device to screen construction workers for osteoarthritis at the worksite in order to understand if self-reported doctor-diagnosed knee arthritis correlates with 1) workplace physical exposures and 2) sonographic knee imaging.
- Training for Clinician Scientists in Imaging Research  
Agency: NIH grant 1T32EB006351  
Role: Fellow, July 2009 - June 2010  
PI: Dr. Dean Wong  
Total Award: \$406,832  
Description: Post-graduate fellowship training in clinical research during radiology residency at Johns Hopkins; conducted research in musculoskeletal radiology with focus on advanced MRI in tumors, biochemical cartilage imaging, and development of MR Neurography techniques. Direct mentor during this time was Dr. John Carrino, section chief of Musculoskeletal Radiology

### 23. Editorial Responsibilities:

- Associate Editor, Journal of Computer Assisted Tomography (JCAT), since 2021
- Consulting Editorial Board, Skeletal Radiology, January 2022

Ad Hoc Reviewer for

- Radiology, (2021 – Present)
- Skeletal Radiology, since 2015; \*Reviewer of Special Distinction 2017 and 2021
- Clinical Imaging, (2014 – Present)
- PLOS ONE, (2015 – Present)
- BMC Medical Imaging, (2016 – Present)
- European Radiology, (2016 – Present)
- Journal of Magnetic Resonance Imaging, (2016 – Present)
- Foot and Ankle Specialist, (2016 – Present)
- The British Journal of Radiology
- Journal of Foot and Ankle Surgery
- Oncology Reviews
- Cancer Control
- Case Reports in Radiology
- BMJ Open
- OncoTargets and Therapy
- Diagnostic and Interventional Radiology
  
- Society of Skeletal Radiology, Scientific Paper Judge 2016
- Radiological Society of North America, Musculoskeletal Tumor Session Moderator 2021
- Radiological Society of North America, Musculoskeletal Scientific Abstracts Judge 2022

#### **24. Professional and Honorary Organizations:**

- Member, International Skeletal Society (2016-Present)
- Member, Society of Skeletal Radiology (2013-Present)
- Member, Radiological Society of North America (2007-Present)
  - Scientific Abstract Review
- Member, American College of Radiology (2007-Present)

#### **25. Honors and Awards:**

- ARRS Cum Laude Award for Scientific Exhibit: Proton MR Spectroscopy in the Metabolic Assessment of Musculoskeletal Lesions: Recent Advances. American Roentgen Ray Society, Chicago Illinois May 2011.
- RSNA Roentgen Resident Research Award, 2010
- Certificate of Merit for Educational Exhibit: Small Peripheral Nerve Imaging Using High-Resolution 3D Diffusion-based PSIF MR Neurography (MRN). Radiological Society of North America, Chicago, Illinois November 2010.

- Vanderbilt University School of Medicine, 2002-2006 Early Acceptance to medical school awarded in sophomore year of college Dean's Award for service to the School of Medicine, May 2006
- Awarded "Intern of the Year" 2006-2007
- Vanderbilt University College of Arts and Science, 1998 - 2002  
Honors Program 1998-2002  
Outstanding Chemistry Major Award, 2002  
Dean's Select Scholar  
William and Violet Hudson Scholar  
Clarksville Rotary Club Scholar  
Tennessee Ned McWherter Scholar
- National Merit Scholar, 1997
- Eagle Scout, 1997

26. **Post-Doctoral Fellowships:** None

27. **Other Professional Activities:**

#### **Other Abstracts/Exhibits/Posters**

1. Seyam O, Constantin B, Bysani S, **Subhawong T**, Cardoso F. Pseudolesions referred to an orthopedic oncologist: A Review. American College of Radiology. Washington, DC. May 2023.
2. Villavicencio J, Jubane M, Peters V, **Subhawong T**, Alessandrino F. Imaging-based recommendations and disease assessment by multidisciplinary team during sarcoma tumor board: do they differ from radiology reports? Association of University Radiologists. Austin, TX. April 2023.
3. Caroline Encaoua, Kireeti Dulla, Briana Valdes, Juan Pretell-Mazzini, Raphael Yechieli, Radka Stoyanova, Andrew Rosenberg, Jonathan Trent, and **Ty Subhawong**. Extremity Leiomyosarcoma MRI Radiomics Predicts Histologic Grade and Therapeutic Response. FL Radiologic Society, Amelia Island, July 2022. **\*Highest Honors**
4. J Grosso, **T Subhawong**, R Stoyanova, R Yechieli, C Seldon, B Prospero; Abstract PO-027: Associations of radiomics features with tumor necrosis following chemotherapy and/or radiation therapy in patients with extremity soft tissue sarcoma; Clinical Cancer Research 27 (5 Supplement), PO-027-PO-027; 2021

5. Chase C. Labiste, Evan McElroy, **Ty Subhawong**, James Banks. Investigating the Diagnostic Value-Added of Gadolinium Contrast Agents for Osteomyelitis. American Roentgen Ray Society, 2020.
6. Andrea Espejo-Freire, Andrew Elliott, Yamac Akgun, Philippos A. Costa, Maryam Alasfour, Andrew Rosenberg, Julio Diaz-Perez, Gina D'amato, **Ty K. Subhawong**, Junaid Arshad, W. Michael Korn, Don Dizon, Margaret von Mehren, Moh'd Khushman, Atif Hussein, Kirsten Leu, Jonathan Trent. Genomic Landscape Of Angiosarcoma: A Targeted And Immunotherapy Biomarker Analysis Of 143 Patients. CTOS Boca Raton, FL, November 2020 podium
7. Michael J. Nathenson, Neeta Somaiah, Robert Hsu, Peter DeMaria, Heath Catoe, Karan Malik, Christy Harris, **Ty K. Subhawong**, Behrang Amini, Jyothi P. Jagannathan, Marta Braschi-Amirfarzan, Kevin Sweet, Katharina Feister, Junxiao Hu, Jamie Sheren, Andrew Rosenberg, Alexander Lazar, Ravin Ratan, Vinod Ravi, Shreyaskumar Patel, Robert Maki, Pasquale Benedetto, Jonathan Cohen, Jonathan Trent, Breelyn A. Wilky. Association Of CTNNB1 Mutation Subtypes With Response To Systemic Therapy In Patients With Desmoid Tumors: A Multi-Institutional Retrospective Study. CTOS Boca Raton, FL, November 2020 podium
8. Ty K. **Subhawong**, Amrutha Ramachandran, Terry Fox, Aaron Wolfson. Superficial Fibromatosis Lesion Size Correlates with MRI T2 Mapping and Image Texture Features. CTOS Boca Raton, FL, November 2020 poster
9. Philippos A. Costa, Staci Marbin, Andrea Espejo-Freire, Bruna Costa, Eduardo Saul, Priscila Barreto-Coelho, Ahkeel Allen, Neha Goel, **Ty K. Subhawong**, Gina D'amato, Jonathan Trent. Non-Random Association Of Breast Implant Surgery And Desmoid Tumor Formation. CTOS Boca Raton, FL, November 2020 poster
10. Foremny G, Singer A, Clifford P, **Subhawong TK**. Differential Diagnosis of T2 Hypointense Lesions in Musculoskeletal MRI. Radiological Society of North America, Chicago, IL, November 2019.
11. Singer AD, Wong PK, Sayyid SK, Umpierrez MB, Monson D, Reiter D, **Subhawong TK**. Performance of a Standardized Scanning and Reporting Method for Sonographic Soft Tissue Sarcoma Surgical Resection Bed Surveillance. Radiological Society of North America, Chicago, IL, November 2019.
12. Andrea P. Espejo Freire, Vaia Florou, **Ty Subhawong**, Jonathan C. Trent. Safety and efficacy of olaratumab added to doxorubicin-based combination chemotherapy in the treatment of advanced soft-tissue sarcoma (STS). American Society of Clinical Oncology, Chicago IL June 2018

13. Breelyn A. Wilky, Matteo Maria Trucco, Despina Kolonias, Eric Wieder, **Ty Subhawong**, Andrew Rosenberg, Deukwoo Kwon, Wungki Park, Vaia Florou, Darcy A Kerr, Efrosyni Sfakianaki, Jaime R. Merchan, Krishna Komanduri, Jonathan C. Trent. A phase II trial of axitinib plus pembrolizumab for patients with advanced alveolar soft part sarcoma (ASPS) and other soft tissue sarcomas (STS). American Society of Clinical Oncology, Chicago IL June 2018
14. Kyle Maughan, **Ty Subhawong**, Shree Venkat, Jonathan C. Trent. Safety and efficacy of irreversible electroporation for aggressive fibromatosis: Initial experience. American Society of Clinical Oncology, Chicago IL June 2018
15. Foremny G, Pretell-Mazini J, Quinnan S, Singer A, **Subhawong TK**. Radiologic Findings after Biologic Reconstruction of Bone Defects in Orthopedic Oncology and Trauma. Radiological Society of North America, Chicago, IL, November 2017.
16. Singer A, Schenker M, Jose J, Younan Y, **Subhawong TK**, Gonzalez F, Bariteau J, Umpierrez MB. A Modality Based Primer on MSK Imaging in Motion. Radiological Society of North America, Chicago, IL, November 2017.
17. Breelyn A. Wilky, Eric Wieder, Despina Kolonias, **Ty Subhawong**, Matteo Trucco, Andrew Rosenberg, Darcy Kerr, Deukwoo Kwon, Efrosyni Sfakianaki, Krishna Komanduri, Jonathan Trent. Antitumor Activity Of Axitinib Plus Pembrolizumab In A Phase II Trial For Patients With Advanced Alveolar Soft Part Sarcoma (Asps) And Other Soft Tissue Sarcomas. Connective Tissue Oncology Society, November 2017.
18. S.J. Ramey, W. Zhao, D. Asher, F. Chinea, V. Patel, R. Yechieli, B.A. Wilky, J. Trent, L. Wang, **T. Subhawong**, J. Kodiyan. Impact Of Local Treatment Modalities On Survival For Patients With High-Grade Extremity Soft-Tissue Sarcomas: An Analysis Of 2,937 Patients. Connective Tissue Oncology Society, November 2017.
19. Uriell ML, Wong PK, Younan Y, **Subhawong TK**, Umpierrez MB, Carpenta WA, Singer A. It's a Soft Call: Diagnosable Soft Tissue Injury by CT in Setting of Osseous Trauma. Radiological Society of North America, Chicago, IL, November 2016.
20. Gogia N, Sharp P, Umpierrez MB, Younan Y, Jose J, **Subhawong TK**, Singer A. Ultrasound and MRI Evaluation of Lower Extremity Nerve Anatomy and Pathology. Radiological Society of North America, Chicago, IL, November 2016.
21. Sharp P, Gogia N, Umpierrez MB, Younan Y, **Subhawong TK**, Jose J, Singer A. Peripheral Nerve Imaging of the Upper Extremity Using MR and Ultrasound. Radiological Society of North America, Chicago, IL, November 2016.



22. Wolfson AH, Banks J, **Subhawong TK**. Magnetic Resonance Imaging (MRI) is Useful in Planning for and Following Responses to Definitive Electron Beam Therapy (EBT) of Superficial Fibromas in the Hands (Dupuytren's Disease) and Feet (Ledderhose Disease). Radiological Society of North America, Chicago, IL, November 2016.
23. Singer AD, Bariteau J, Younan Y, Carpenter WA, Jose J, **Subhawong TK**, Umpierrez MB. Toes: Anatomy, Pathology and Common Surgical Procedures. Radiological Society of North America, Chicago, IL, November 2016.
24. JS Mahan, **TK Subhawong**, BA Wilky, YC Chang, R Yechieli, RS Stoyanova. Feasibility Of Volumetric Adc Mapping To Tumor Habitats Derived From Dynamic Contrast Enhanced Mri In Soft Tissue Sarcomas. Connective Tissue Oncology Society, Lisbon, Portugal, November 2016.
25. Huntley SR, Apanovitch EK, Santiago KM, Yang X, Chen C, Young BJ, KlingHE, Alvarez A, Seoane VN, Irwin RW, Arheart KL, Pitcher JD, **Subhawong TK**, Caban-Martinez AJ. Determinants of Osteoarthritis Linked to Occupational Radiography – Epidemiologic Surveillance: Preliminary Results of the D.O.L.O.R.E.S. Pilot Study. Roundtable presentation to the American Public Health Association Annual Meeting and Exposition. October 2016. Denver, CO, USA.
26. **Subhawong TK**, Mahan JS, Kerr DA, Pretell-Mazzini J, Wilky BA. Decreased Fractal Lacunarity Reflects Giant Cell Tumor Response to Denosumab. Society of Skeletal Radiology, New Orleans, LA, March 2016. \*selected for CME credit
27. Banks JS, Wolfson AH, **Subhawong TK**. The Value of MRI in Pre-Treatment Planning and Post-Treatment Follow-up of Definitive Electron Beam Irradiation for Superficial Fibromas in the Hands (Dupuytren's Disease) and Feet (Ledderhose Disease). Society of Skeletal Radiology, New Orleans, LA, March 2016.
28. Meizoso JP, **Subhawong TK**, Allen CJ, Chelala L, Ray JJ, Jagid J, Bullock MR, Namias N, Schulman CI, Proctor KG. Does arginine vasopressin exacerbate cerebral edema after traumatic brain injury? EAST Annual Scientific Assembly, San Antonio, Texas, January 2016.
29. Del Grande F, Ahlawat S, **Subhawong TK**, Fayad LM. Indeterminate Soft Tissue Tumors: How Good is Noncontrast Imaging with Quantitative DWI at Distinguishing Benign from Malignant Disease Compared with Contrast-enhanced Imaging? Radiological Society of North America, Chicago, IL, November 2015.
30. Adam Singer A, **Subhawong T**, Clifford P, Datir A, Pretell J, Baraga M, Tresley J, Umpierrez M, Jose J. Radiographic Assessment of the Post-Operative Knee with Surgical and Imaging Correlation. Radiological Society of North America, Chicago, IL, November 2015.

31. Singer A, Jose J, Datir A, Zeidenberg J, **Subhawong TK**, Clifford P. The Road to Pes Planovalgus. Radiological Society of North America, Chicago, IL, November 2014.
32. Gutierrez NM, Baraga M, Lesniak BP, **Subhawong TK**, Banks J, Temple T, Jose J. MR Imaging of BioCartilage Augmented Microfracture Surgery. Radiological Society of North America, Chicago, IL, November 2014.
33. Zeidenberg J, Pretell-Mazzini J, **Subhawong TK**, Jose J, Temple HT, Conway SA. Limb-sparing Reconstruction in Musculoskeletal Oncology: What the Radiologist Needs to Know. Radiological Society of North America, Chicago, IL, November 2014.
34. Sheth PJ, Del Moral S, Trent JC, Cohen J, Wilky BA, Rosenberg AE, Temple HT, **Subhawong TK**. MRI Features of Response in the Systemic Therapy of Aggressive Fibromatosis. Connective Tissue Oncology Society, Berlin, Germany, October 2014.
35. Ahlawat S, Khandaris P, **Subhawong TK**, Fayad LM. Quantitative Diffusion-Weighted MRI For Differentiation Of Benign And Malignant Osseous Lesions. Society of Skeletal Radiology, San Diego, CA, March 2014.
36. Dalal R, Singer A, Clifford P, Conway S, Rosenberg A, Jose J, **Subhawong TK**. The Histological Variants of the Liposarcoma: Predictive MRI Findings with Prognostic Implications. Radiological Society of North America, Chicago, IL, November 2013.
37. Singer A, Tresley J, Lesniak B, Baraga M, **Subhawong TK**, Jose J. Long Term Outcomes of Ultrasound Guided Long Head of the Biceps Tendon Sheath Corticosteroid Injections: A Retrospective Study Aimed at Identifying Positive and Negative Outcome Factors. Radiological Society of North America, Chicago, IL, November 2013.
38. Williams N, **Subhawong TK**, Rosenberg A, Conway S, Temple HT. An intravascular myopericytoma with differentiation along three separate cell lineages. International Skeletal Society, Philadelphia, PA, September 2013.
39. **Subhawong TK**, Flammang A, Jacobs MA, Fayad LM. Quantitative diffusion weighted imaging for characterizing musculoskeletal lesions: A critical review of the literature with emphasis on technical considerations. American Roentgen Ray Society, April 2013. \*Certificate of Merit
40. Greditzer HG, **Subhawong TK**, Jose J. Refractory long head of the biceps tendinopathy: treatment with ultrasound-guided tenotomy. Society of Skeletal Radiology, San Antonio, TX, March 2013.

41. **Subhawong TK**, Flammang A, Jacobs MA, Fayad LM. Quantitative diffusion weighted imaging for characterizing musculoskeletal lesions: A critical review of the literature with emphasis on technical considerations. Radiological Society of North America, Chicago, IL, November 2012. \*Certificate of Merit
42. **Subhawong TK**, Subhawong AP, Montgomery EA, Fayad LM. Pleomorphic hyalinizing angiectatic tumor: imaging findings. International Skeletal Society, Rome, Italy, September 2012.
43. **Subhawong TK**, Wang X, Machado AJ, Barer PB, Christopher-Stine L, Mammen AL, Carrino JA, Fayad LM. MRI Findings in Chronic Idiopathic Inflammatory Myopathies at 3T. Radiological Society of North America, Chicago, IL, November 2011.
44. Chhabra A, Soldatos T, **Subhawong TK**, Carrino JA. 3T MR Morphologic Assessment of the Articular Cartilage: Simplified. Radiological Society of North America, Chicago, IL, November 2011. \*Certificate of Merit
45. **Subhawong TK**, Durand DJ, Wang X, Barker P, Carrino JA, Machado AJ, Fayad LM. Proton MR Spectroscopy in the Metabolic Assessment of Musculoskeletal Lesions: Recent Advances. American Roentgen Ray Society, Chicago IL, May 2011. \*ARRS Cum Laude Award
46. Thawait SK, Wang KC, **Subhawong TK**, Belzberg A, Machado AJ, Padua A, Chhabra A, Carrino JA. Brachial Plexus with 3 Tesla Magnetic Resonance Neurography: Normal anatomy and common Neuropathies. American Roentgen Ray Society, Chicago IL, May 2011. \*Certificate of Merit
47. \***Subhawong TK**, Wang KC, Thawait SK, Machado AJ, Padua A, Williams EH, Carrino JA, Chhabra A. Small Peripheral Nerve Imaging Using High-Resolution 3D Diffusion-based PSIF MR Neurography (MRN). Radiological Society of North America, Chicago, IL, November 2010. \*Certificate of Merit
48. **Subhawong TK**, Machado AJ, Durand DJ, Torok CM, Padua A, Carrino JA. T2 Cartilage Mapping in the Wrist and Ankle at 3T: Initial Experience. Radiological Society of North America, Chicago, IL, November 2010.
49. **Subhawong TK**, Wang X, Durand DJ, Barker P, Carrino JA, Fayad LM. Proton MR Spectroscopy in the Metabolic Assessment of Musculoskeletal Lesions: Recent Advances. Radiological Society of North America, Chicago, IL, November 2010.
50. Wang KC, Thawait SK, **Subhawong TK**, Belzberg A, Padua A, Chhabra A, Carrino JA. Peripheral Nerve MR Imaging of the Lumbosacral Plexus and Its Branches Utilizing 3-T Imaging. Radiological Society of North America, Chicago, IL, November 2010.

51. Durand DJ, Carrino JA, **Subhawong TK**, Machado AJ, Padua A, Fayad LM. Three-dimensional High-Resolution Magnetic Resonance Imaging (3-D hMRI): Extending the Isotropic Paradigm to Musculoskeletal Imaging. Radiological Society of North America, Chicago, IL, November 2010.
52. **Subhawong TK**, Chhabra A, Carrino JA. Patellofemoral Friction Syndrome: MRI correlation of morphological and biochemical cartilage imaging. Presented at the American College of Radiology Annual Meeting and Chapter Leadership Conference, Resident/Fellow Section, Washington, D.C., May 2010; and at the 4th International Workshop on Imaging Based Measures of Osteoarthritis, Vancouver, Canada, June 2010.
53. Chhabra A, **Subhawong TK**, Thawait SK, Wang KC, Williams EH, Carrino JA. MR Neurography of Tunnels. American Roentgen Ray Society, San Diego, CA, May 2010.

#### **Invited Lectures:**

#### **International Conferences**

- Asian Radiology Education Program: “Imaging Approach to Soft Tissue Tumors” July 24, 2022; videoconference to participants in Bhutan, Cambodia, Hong Kong, Indonesia, Laos, Mongolia, Myanmar, Nepal, Singapore, Thailand, Vietnam. Organized by Depts of Radiology at Wake Forest University, Winston Salem NC and Siriraj Hospital, Mahidol University Bangkok, Thailand.
- Biennial Orthopaedic Pathology Course  
Auckland City Hospital  
Auckland, New Zealand  
June, 2013

#### **National Conferences**

- “Desmoid Tumor Imaging: Going Beyond RECIST” talk given during Desmoid Tumor Research Foundation Panel Discussion: Shaping the Future of Radiology in Desmoid Tumor. January 25, 2022.
- National Leiomyosarcoma Foundation Research Roundtable: “Radiomics in Extremity Soft Tissue Sarcoma”, October 2, 2021
- iiCME Case based Tutorials in Neuroradiology, Head/ Neck Radiology, Musculoskeletal Radiology  
Chatham, MA May 2019

- iiCME Musculoskeletal Radiology Fundamentals  
**Course Director**  
Hilton Head, SC September 2018
- GIST Tumors Expert Panel Discussion  
Life Fest Conference, Miami, FL  
July, 2018
- “Metal Artifact Reduction for MRI”; Factor Osteosarcoma Alliance,  
Miami, FL February 2018
- iiCME ER Radiology  
"Easily missed fractures Lower Extremity" , "Easily missed fractures  
Upper Extremity"; “Ultrasound of the Foot and Ankle”  
Miami Beach, FL  
January 2018
- iiCME Musculoskeletal Radiology  
Topics included bone tumors, soft tissue sarcomas, cartilage T2  
mapping, extra-articular hip pain, patellofemoral pain disorders, and  
pearls in MSK interventions  
Coeur d'Alene, ID September 2017
- “Scapholunate Ligament Injury: Imaging Findings”; part of VuMedi  
Webinar “Sports Medicine Imaging: What Are We Missing” June 2017
- “Current and Future Imaging Modalities for Osteosarcoma”; Factor  
Osteosarcoma Alliance, Coral Gables, FL February 2017
- "Easily missed fractures Lower Extremity" and "Easily missed fractures  
Upper Extremity"; “Ultrasound of the Foot and Ankle”  
iiCME Course, Miami Beach, FL January, 2017
- "Easily missed fractures Lower Extremity" and "Musculoskeletal  
Dislocations in the ER"  
iiCME Course, Hollywood Beach, FL April, 2016
- “Adult Elbow Radiographs in the ER”; VuMedi 2016
- "Ankle Trauma" and "Foot Trauma"  
iiCME Course, Miami, FL January, 2015
- “Hip Fractures” and “MSK Infections”  
iiCME Course, Palm Beach, FL February, 2014

- “GIST Tumors: Imaging Considerations”  
Alianza GIST Tumor Conference, Miami, FL  
June, 2013
- “Ankle Injuries” and “MSK Infections”  
iiCME Course, Palm Beach, FL  
January, 2013

### **Grand Rounds**

- “Treatment Response in Musculoskeletal Tumors”  
Department of Radiology  
Hospital for Special Surgery, New York City, NY  
December 2021
- “Tumor Imaging Response to Therapy”  
Department of Radiology  
Emory University Lecture Series, Atlanta, GA  
September 2020
- “Bone and Soft Tissue Tumors: Assessing Response to Therapy”  
Department of Radiology  
Hospital for Special Surgery, New York City, NY  
March 2018
- “MSK Ultrasound”  
Department of Orthopaedics  
University of Miami, Miami, FL  
September 2012

## **VI. TEACHING**

### **28. Teaching Awards Received:**

Outstanding Junior Attending, Department of Radiology, 2014  
Best Sectional Lecture Series, Musculoskeletal Radiology, 2015  
Best Conference Series, Musculoskeletal Radiology, 2021  
Best Overall Rotation, Musculoskeletal Radiology, 2021 and 2022  
Best Speaking Event, Alpha Epsilon Delta University of Miami Pre-Health  
Honors Society, 2023.

### **29. Teaching Specialization:**

#### **Radiology Residency: Musculoskeletal Core Topics**

- Bone Tumor Imaging
- Soft Tissue Sarcoma
- Tumor Imaging Response to Therapy

- Osteochondral Injury
- Extra-articular Causes of Hip Pain
- Foot and Ankle Tendon Anatomy
- Rotator Cuff Pathology
- Peripheral Nerve Imaging
- Post-operative Wrist Pain
- MRI of Elbow Injuries
- Diagnosing Osteomyelitis

**30. Thesis and Dissertation Advising:**

**MSK Radiology Fellows:**

- Felipe Ferreira de Souza, 2019
- Terry Fox, 2020
- Antonio Aguilera, 2021
- Jasim Alidina, 2021
- Harsh Shah (anticipated 2022)
- Fabiano Cardoso (anticipated 2022)

**Mentored residents pursuing Musculoskeletal Radiology Fellowships:**

- Harry Greditzer, 2012-2014; Hospital for Special Surgery
- Adam Singer, 2012-2015; Emory University
- Jonathan Tresley, 2012-2015; University of Wisconsin
- Nicholas Gutierrez, 2012-2016; Hospital for Special Surgery
- Evan Finkelstein, 2012-2016; Henry Ford Hospital
- Pooja Sheth, 2012-2016; University of Virginia
- James Banks, 2013-2017; Mayo Clinic, Jacksonville
- Joshua Zeidenberg, 2013-2017; Duke University
- Lee Wang, 2013-2017; University of CA, San Diego
- Foremny, Gregory, 2016-2020; Hospital for Special Surgery

**Medical Students pursuing Radiology Residency:**

- Mark Barton, 2013-2015; University of Miami
- Gregory Foremny, 2014-2015; University of Miami
- Lydia Chelala, 2014-2015; University of Maryland
- Kevin Sweet, 2016-2017; University of Washington
- Christopher Tournade, 2016-2017, University of Michigan
- Katharina Feister, 2017-2018, Washington University
- Nisreen Ezuddin, 2017-2018, University of Miami
- Kevin Pham, 2018-2019, Loma Linda University
- Francisco Myslicki, 2018-2019, University of California San Francisco

**VII. SERVICE**

**31. University Committee and Administrative Responsibilities:**

1. Vice-Chair of Research, Department of Radiology, 2019-Present
2. Director, Division of Musculoskeletal Radiology, 2020-Present
3. Radiology Executive Committee, Department of Radiology, 2019-Present
4. Director, MSK Radiology Fellowship, University of Miami/Jackson Memorial Hospital, 2018-Present
5. Radiology Research Clinic for Oncology Clinical Trial Patients, 5% effort; (see Gjolaj L, et al JACR 2018 PMID: 29804825); 2017-Present
6. Chair of Resident Research Committee, Department of Radiology, 2017-present; member of committee since 2014
7. Sylvester Comprehensive Cancer Center Protocol Review and Monitoring Committee, 2017-Present
8. Radiology Department Compensation Committee, 2017-Present
9. Assistant Radiology Residency Program Director, 2013-2020
10. Admissions Committee, University of Miami Miller School of Medicine, 2013-2017
11. Residency Selection Committee, Department of Radiology, 2013-2017
12. Search Committee for Chief of Orthopedic Oncology, April 2015-2017
13. Search Committee for Medical Oncologist, Sarcoma Site Disease Group, May 2015-2018
14. Search Committee for MSK Radiology Faculty, March 2016