

June 30, 2017

**Re: Orthopaedic Surgery Publication Update**

The following information is provided to the faculty as an update of Departmental publications as of **June 30, 2017**. **ALL** Departmental papers are listed as they appear in PubMed, in alphabetical order. **FY 2017 to date total is: 76 (unique manuscripts)**. Number of faculty with publications: **19 (15 clinical, 4 research/adjunct)**.

**Indicates paper listed under multiple faculty members.**

**Indicates new listing this reporting period.**

**Shahryar Ahmadi, MD**

1. Kasukonis B, Kim J, Brown L, Jones J, **Ahmadi S**, Washington T., Wolchok J. Co-delivery of Infusion Decellularized Skeletal Muscle with Minced Muscle Autografts Improved Recovery from Volumetric Muscle Loss Injury in a Rat Model. *Tissue Eng Part A*. 2016 Sept 23 PMID: 27570911
2. Demirel D, Yu A, Cooper-Baer S, Dendukuri A., Halic T, Kockara S, Kockara N, **Ahmadi S**. A hierarchical task analysis of shoulder arthroscopy for a virtual arthroscopic tear diagnosis and evaluation platform (VATDEP). *Int J Med Robot*. 2016 Dec 17. PMID: 28026107
3. **Songy CE, Siegel ER, Stevens M, Wilkinson JT, Ahmadi S**. The effect of the beach-chair position angle on cerebral oxygenation during shoulder surgery. *J Shoulder Elbow Surg*. 2017 May 3. pii: S1058-2746(17)30179-9. PMID: 28478900

**C. Lowry Barnes, MD**

4. Couch CG, Menendez ME, **Barnes CL**. Perioperative Risk in Patients with Epilepsy Undergoing Total Joint Arthroplasty. *J Arthroplasty*. 2016 Aug 20. pii: S0883-5403(16)30453-3. PMID: 27720235
5. Park KJ, Menendez ME, Mears SC, **Barnes CL**. Patients with Multiple Myeloma have more Complications after Surgical Treatment of Hip Fracture. *Geriatr Orthop Surg Rehabil*. 2016 Sep;7(3):158-62. PMID: 27551575
6. Park KJ, Menendez ME, **Barnes CL**. Perioperative Periprosthetic Fractures Associated With Primary Total Hip Arthroplasty. *J Arthroplasty*. 2016 Aug 31(16)30581-2. PMID: 27866949
7. Tait MA, Petrus C, **Barnes CL**. Southern Orthopaedic Association Publication Rate. *J Surg Orthop Adv*. 2016 Summer;25(2):86-8. PMID: 27518291
8. Edwards PK, Jacobs CA, Hadden KB, **Barnes CL**. A perioperative Patient Support System was Unable to Mitigate the Risk of Hospital Readmission for Total Hip Arthroplasty Patients with High American Society of Anesthesiologists Grades. *J Arthroplasty* 2016 Oct 20. PMID: 27838015
9. Edwards PK, Hadden KB, Connelly JO, **Barnes CL**. Effect of Total Joint Arthroplasty Surgical Day of the Week on Length of Stay and Readmissions: A clinical Pathway Approach. *J Arthroplasty*. 2016 Dec;31(12)2726-2729. PMID: 27378632
10. Menendez, ME, Ring D, **Barnes CL**. Inpatient Dislocation After Primary Total Hip Arthroplasty. *J Arthroplasty*. 2016 Dec;31(12):2889-2893. PMID: 27318409
11. Menendez ME, LuN, Huybrechts KF, Ring D, **Barnes CL**, Ladha K, Bateman BT. Variation in Use of Blood Transfusion in Primary Total Hip and Knee Arthroplasties. *J Arthroplasty*. 2016;31(12):2757-2763. PMID: 27325367
12. Park KJ, Couch CG, Edwards, PK, Siegel ER, Mears SC, **Barnes CL**. Tranexamic Acid Reduces Blood Transfusion in Revision Total Hip Arthroplasty. *J Arthroplasty*. 2016 Dec;31(12):2850-2855. PMID: 27426220
13. Park KJ, Menendez ME, **Barnes CL**. Perioperative Periprosthetic Fractures Associated with Primary Total Hip Arthroplasty. *J Arthroplasty*. 2017 Mar;(3):992-995. PMID: 27866949

14. Kee JR, Smith RG, **Barnes CL**. Recognizing and Reducing the Risk of Opioid Misuse in Orthopaedic Practice. *J Surg Orthop Adv*. 2016 Winter;25(4):238-243. PMID: 28244866
15. O'Neal RM, Cryer KA, Edwards PK, **Barnes CL**, Mears SC. Narcotic use: A Modifiable Risk Factor for Hip and Knee Arthroplasty. *J Surg Orthop Adv*. 2016 Winter;25(4):227-233. PMID: 28244864
16. Hadden KB, Prince LY, **Barnes CL**. Health Literacy and Opioid Use in Orthopaedic Patients. *J Surg Orthop Adv*. 2016 Winter;25(4):234-237. PMID 28244865
17. **Kee JR, Edwards PK, Barnes CL**. Effect of Risk Acceptance for Bundled Care Payments on Clinical Outcomes in a High-Volume Total Joint Arthroplasty Practice After Implementation of a Standardized Clinical Pathway. *J Arthroplasty*. 2017 Mar 16 pii: S0883-5403(17)30209-7. PMID: 28433428
18. **Edwards PK, Mears SC, Barnes CL**. PBCI: Everyone Wins, Including the Patient. *J Arthroplasty*. 2017 Jun;32(6):1728-1731. PMID: 28389136

#### **Alex S. Biris, PhD**

19. Majeed W, Bourdo S, Petibone DM, Saini V, Vang KB, Nima ZA, Alghazali KM, Darrigues E, Ghosh A, Watanabe F, Casciano D, Ali SF, **Biris AS**. The role of surface chemistry in the cytotoxicity profile of grapheme. *J Appl Toxicol*. 2016 Sep 4. PMID: 27593524
20. Parnell CM, Chhetri B, Brandt A, Watanabe F, Nima ZA, Mudalige TK, **Biris AS**, Ghosh A. Polydopamine-Coated Manganese Complex/Graphene Nanocomposite for Enhanced Electrocatalytic Activity Towards Oxygen Reduction. *Sci Rep*. 2016 Aug 16;6:31415. PMID: 27528439
21. Watanabe F, Nima AZ, Honda T, Mitsuhara M, Nishida M, **Biris AS**. X-ray photoelectron spectroscopy and transmission electron microscopy analysis of silver-coated gold nanorods designed for bionanotechnology applications. *Nanotechnology*. 2017 Jan 13;28(2):025704 PMID: 27922833
22. Lahiani MH, Eassa S, Parnell C, Nima Z, Ghosh A, **Biris AS**, Khodakovskaya MV. Carbon nanotubes as carriers of Panax ginseng metabolites and enhancers of ginsenosides Rb1 and Rg1 anti-cancer activity. *Nanotechnology*. 2017 Jan 6;28(1):015101. PMID: 27893436
23. Harrington WN, Haji MR, Galanzha EI, Nedosekin DA, Nima ZA, Watanabe F, Ghosh A, **Biris AS**, Zharov VP. Photoswitchable non-fluorescent thermochromic dye-nanoparticle hybrid probes. *Sci Rep*. 2016 Nov 8;6:36417 PMID: 27824110
24. Darrigues E, Dantuluri V, Nima ZA, Vang KB, Griffin RJ, Biris AR, Ghosh A, **Biris AS**. Enhanced Raman Spectroscopy via Plasmonic and Carbonaceous Nanostructures for the Detection, Diagnosis, and Treatment of Cancer Part 2: Treatment. *Drug Metab Rev*. 2017 Mar 15:1-94. PMID: 28298144
25. Darrigues E, Nima ZA, Majeed W, Vang KB, Dantuluri V, Biris AR, Zharov V, Griffin RJ, **Biris AS**. Enhanced Raman Spectroscopy via Plasmonic and Carbonaceous Nanostructures for the Detection, Diagnosis and Treatment of Cancer Part 1: Diagnosis. *Drug Metab Rev*. 2017 Mar 7:1-105. PMID 28264609
26. **Galanzha EI, Weingold R, Nedosekin DA, Sarimollaoglu M, Nolan J, Harrington W, Kuchyanov AS, Parkhomenko RG, Watanabe F, Nima Z, Biris AS, Piekhanov AI, Stockman MI, Zharov VP**. Spaser as a biological probe. *Nat Commun*. 2017 Jun 8;8:15525 PMID: 28593987
27. **Elkhenany H, Bourdo S, Hecht S, Donnell R, Gerard D, Abdelwahed R, Lafont A, Alghazalk K, Watanabe F, Biris AS, Anderson D, Dhar M**. Graphene nanoparticles as osteoinductive and osteoconductive platform for stem cell and bone regeneration. *Nanomedicine*. 2017 Jun 1. Pii: S1549-9634(17)30095-3. PMID: 28579435
28. **Fahmi T, Branch D, Nima AZ, Jang DS, Savenka AV, Biris AS, Basnakian AG**. Mechanism of grapheme-induced cytotoxicity: Role of endonucleases. *J Appl Toxicol*. 2017 May 24. DOI: 10.1002/jat. 3462. PMID: 28543094

29. Nedosekin DA, Nolan J, Cai C, Bourdo SE, Nima Z, **Biris AS**, Zharov VP. In vivo noninvasive analysis of grapheme nanomaterial pharmacokinetics using photoacoustic flow cytometry. *J Appl Toxicol.* 2017 May 19. PMID: 28524252
30. Al Faouri R, Henry R, **Biris AS**, Sleezer R, Salamo GJ. Adhesive force between grapheme nanoscale flakes and living biological cells. *J Appl Toxicol.* 2017 May 9. PMID: 28485473
31. Petibone DM, Mustafa T, Bourdo SE, Lafont A, Ding W, Karmakar A, Nima AZ, Watanabe F, Casciano D, Morris SM, Dobrovolsky VN, **Biris AS**. p53-competent cells and p53-deficient cells display different susceptibility to oxygen functionalized grapheme cytotoxicity and genotoxicity. *J Appl Toxicol.* 2017 Apr 20. PMID: 28425621
32. Nedosekin DA, Fahmi T, Nima ZA, Nolan J, Cai C, Sarimollaoglu M, Dervishi E, Basnakian A, **Biris AS**, Zharov VP. Photoacoustic *in vitro* flow cytometry for nanomaterial research. *Photoacoustics.* 2017 Mar 27;6:16-25. PMID: 28417068

**R. Dale Blasier, MD**

**John W. Bracey, MD**

33. Tait MA, **Bracey JW**, Gaston RG. Acute Scaphoid Fractures: A Critical Analysis Review. *JBJS Rev.* 2016 Sep 20;4(9). PMID: 27760075

**David B. Bumpass, MD**

34. Luksanapruksa P, Buchowski JM, Zebala LP, Kepler CK, Singhatanagige, **Bumpass DB**. Perioperative Complications of Spinal Metastases Surgery. *Clin Spine Surg.* 2016 Dec 15. PMID: 27984252
35. Luksanapruksa P, Buchowski JM, Singhatanadgige W, **Bumpass DB**. Systematic Review and Meta-analysis of En Bloc Vertebrectomy Compared with Intralesional Resection for Giant Cell Tumors of the Mobile Spine. *Global Spine J.* 2016 Dec;6(8):798-803. PMID: 27853665
36. Kim YC, Lenke LG, Bridwell KH, Hyun SJ, You KH, Kim YW, Change HG, Kelly MP, Koester LA, Blanke KM, **Bumpass DB**. Results of Revision Surgery for Proximal Junctional Kyphosis Following Posterior Segmental Instrumentation: Minimum 2-Year Postrevision Follow-up. *Spine* 2016 Dec 15;41(24). PMID: 27128389
37. Wilkinson JT, Songy CE, **Bumpass DB**, McCullough FL, McCarthy RE. Curve Modulation and Apex Migration Using Shilla Growth Guidance Rods for Early-onset Scoliosis at 5-Year Follow-up. *J Pediatr Orthop.* 2017 Apr 3. PMID: 28375968
38. Luksanapruksa P, Buchowski JM, Wright NM, Valone FH 3<sup>rd</sup>, Peters C, **Bumpass DB**. Outcomes and effectiveness of posterior occipitocervical fusion for suboccipital spinal metastases. *J Neurosurg Spine.* 2017 Feb 24:1-6. PMID: 28291404
39. O'Neill KR, Fehlings MG, Mroz TE, Smith ZA, Hsu WK, Kanter AS, Steinmetz MP, Arnold PM, Mummaneni PV, Chou D, Nassr A, Qureshi SA, Cho SK, Baird EO, Smith JS, Shaffrey C, Tannoury CA, Tannoury T, Gokaslan ZL, Gum JL, Hart RA, Isaacs RE, Sasso RC, **Bumpass DB**, Bydon M, Corriveau M, De Giacomo AF, Derakhshan A, Jobse BC, Lubelski D, Lee S, Massicotte EM, Pace JR, Smith GA, Than KD, Riew KD. A Multicenter Study of the Presentation, Treatment, and Outcomes of Cervical Dural Tears. *Global Spine J.* 2017 Apr;7(1 Suppl):58S-63S. PMID: 28451493
40. Smith GA, Pace J, Corriveau M, Lee S, Mroz TE, Nassr A, Fehlings MG, Hart RA, Hilibrand AS, Arnold PM, **Bumpass DB**, Gokaslan Z, Bydon M, Fogelson JL, Massicotte EM, Riew KD, Steinmetz MP. Incidence and Outcomes of Acute Implant Extrusion Following Anterior Cervical Spine Surgery. *Global Spine J.* 2017 Apr;7(1 Suppl):40S-45S. PMID: 28451490

41. Hershman SH, Kunkle WA, Kelly MP, Buchowski JM, Ray WZ, **Bumpass DB**, Gum JL, Peters CM, Singhatanadgige W, Kim JY, Smith ZA, Hsu WK, Nassr A, Currier BL, Rahman RK, Isaacs RE, Smith JS, Shaffrey C, Thompson SE, Wang JC, Lord EL, Buser Z, Arnold PM, Fehlings MG, Mroz TE, Riew KD. Esophageal Perforation Following Anterior Cervical Spine Surgery: Case Report and Review of the Literature. *Global Spine J.* 2017 Apr;7(1 Suppl):28S-36S. PMID: 28451488

**Paul K. Edwards, MD**

42. Mears SC, **Edwards PK**. Bone and Joint Infections in Older Adults. *Clin Geriatr Med.* 2016 Aug;32(3):555-70. PMID: 27394023
43. \***Edwards PK**, Jacobs CA, Hadden KB, Barnes CL. A perioperative Patient Support System was Unable to Mitigate the Risk of Hospital Readmission for Total Hip Arthroplasty Patients with High American Society of Anesthesiologists Grades. *J Arthroplasty* 2016 Oct 20. PMID: 27838015
44. \***Edwards PK**, Hadden KB, Connelly JO, Barnes CL. Effect of Total Joint Arthroplasty Surgical Day of the Week on Length of Stay and Readmissions: A clinical Pathway Approach. *J Arthroplasty.* 2016 Dec;31(12):2726-2729. PMID: 27378632
45. \*Park KJ, Couch CG, **Edwards, PK**, Siegel ER, Mears SC, Barnes CL. Tranexamic Acid Reduces Blood Transfusion in Revision Total Hip Arthroplasty. *J Arthroplasty.* 2016 Dec;31(12):2850-2855. PMID: 27426220
46. O'Neal RM, Cryer KA, **Edwards PK**, Barnes CL, Mears SC. Narcotic use: A Modifiable Risk Factor for Hip and Knee Arthroplasty. *J Surg Orthop Adv.* 2016 Winter;25(4):227-233. PMID: 28244864
47. Kee JR, Edwards PK, **Barnes CL**. Effect of Risk Acceptance for Bundled Care Payments on Clinical Outcomes in a High-Volume Total Joint Arthroplasty Practice After Implementation of a Standardized Clinical Pathway. *J Arthroplasty.* 2017 Mar 16 pii: S0883-5403(17)30209-7. PMID: 28433428
48. Edwards PK, Mears SC, **Barnes CL**. PBCI: Everyone Wins, Including the Patient. *J Arthroplasty.* 2017 Jun;32(6):1728-1731. PMID: 28389136

**G. Thomas Frazier, MD**

**Rob Garrison, MD**

**Kristie B. Hadden, PhD**

49. **Hadden K**, Princes LY, Schnaekel A, Couch CG, Stephenson JM, Wyrick TO. Readability of Patient Education Materials in Hand Surgery and Health Literacy Best Practices for Improvement. *J Hand Surg Am.* 2016 Aug;41(8):825-32. PMID: 27291416
50. \***Edwards PK**, Jacobs CA, **Hadden KB**, Barnes CL. A perioperative Patient Support System was Unable to Mitigate the Risk of Hospital Readmission for Total Hip Arthroplasty Patients with High American Society of Anesthesiologists Grades. *J Arthroplasty* 2016 Oct 20. PMID: 27838015
51. \***Edwards PK**, **Hadden KB**, Connelly JO, Barnes CL. Effect of Total Joint Arthroplasty Surgical Day of the Week on Length of Stay and Readmissions: A clinical Pathway Approach. *J Arthroplasty.* 2016 Dec;31(12):2726-2729. PMID: 27378632
52. Hadden KB, Prince LY, Barnes CL. Health Literacy and Opioid Use in Orthopaedic Patients. *J Surg Orthop Adv.* 2016 Winter;25(4):234-237. PMID 28244865

**Srividhya Iyer, PhD**

**Stavros C. Manolagas, MD, PhD**

53. Ucer S, Iyer S, Kim HN, Han L, Rutlen C, Allison K, Thostenson JD, de Cabo R, Jilka RL, O'Brien C, Almeida M, **Manolagas SC**. The Effects of Aging and Sex Steroid Deficiency on the Murine Skeleton are Independent and Mechanistically Distinct. *J Bone Miner Res.* 2016 Oct. 7. PMID: 27714847

54. Iyer S, Han L, Ambrogini E, Yavropoulou M, Fowlkes J, **Manolagas SC**, Almeida M. Deletion of FoxO1, 3, and 4 in Osteoblast Progenitors Attenuates the Loss of Cancellous Bone Mass in a Mouse Model of Type 1 Diabetes. *J Bone Miner Res*. 2016 Aug 4. PMID: 27491024
55. Fujiwara T, Ye S, Castro-Gomes T, Winchell CG, Andrews NW, Voth DE, Varugheses KI, Mackintosh SG, Feng Y, Pavlos N, Nakamura T, **Manolagas SC**, Zhao H. PLEKHM1/DEF8/RAB7 complex regulates lysosome positioning and bone homeostasis. *JCI Insight*. 2016 Oct 20;1(17):e86330. PMID: 27777970
56. Almeida M, Laurent MR, Duois V, Claessens F, O'Brien CA, Bouillon R, Vanderschueren D, **Manolagas SC**. Estrogens and Androgens in Skeletal Physiology and Pathophysiology. *Physiol Rev*. 2017 Jan;97(1):135-187. Review. PMID: 27807202
57. Kim HN, Chang J, Shao L, Han L, Iyer S, **Manolagas SC**, O'Brien CA, Jilka RL, Zhou D, Almeida M. DNA damage and senescence in osteoprogenitors expressing *Osx1* may cause their decrease with age. *Aging Cell*. 2017 Apr 12. PMID: 28401730

### **Robert D. Martin, MD**

### **Richard E. McCarthy, MD**

58. Morell SM, **McCarthy RE**. New developments in the treatment of early-onset spinal deformity: role of the Shilla growth guidance system. *Medical Devices: Evidence and Research*. 2016 Jul 20;9:241-6. PMID: 27499651
59. Morell SM, **McCarthy RE**, Ocal E. Segmental spinal dysgenesis: a report of early surgical intervention and outcome in a 14-month-old child. *Childs Nerv Syst*. 2016 Sep 9. PMID: 27613633
60. Poe-Kochert C, Shannon C, Pawelek JB, Thompson GH, Hardesty CK, Marks DS, Akbarnia BA, **McCarthy RE**, Emans JB. Final Fusion After Growing-Rod Treatment for Early Onset Scoliosis: Is It Really Final? *J Bone Joint Surg Am*. 2016 Nov 16;98(22):1913-1917. PMID: 27852908
61. Wilkinson JT, Songy CE, Bumpass DB, McCullough FL, **McCarthy RE**. Curve Modulation and Apex Migration Using Shilla Growth Guidance Rods for Early-onset Scoliosis at 5-Year Follow-up. *J Pediatr Orthop*. 2017 Apr 3. PMID: 28375968
62. Luhmann SJ, Smith JC, McClung A, McCullough FL, **McCarthy RE**, Thompson GH: Growing Spine Study Group. Radiographic Outcomes of Shilla Growth Guidance System and Traditional Growing Rods Through Definitive Treatment. *Spine Dform*. 2017 Jul;5(4):277-282. PMID: 28622904

### **Simon C. Mears, MD, PhD**

63. \***Mears SC**, Edwards PK. Bone and Joint Infections in Older Adults. *Clin Geriatr Med*. 2016 Aug;32(3):555-70. PMID: 27394023
64. \*Park KJ, Menendez ME, **Mears SC**, Barnes CL. Patients with Multiple Myeloma have more Complications after Surgical Treatment of Hip Fracture. *Geriatr Orthop Surg Rehabil*. 2016 Sep;7(3):158-62. PMID: 27551575
65. \*Park KJ, Couch CG, Edwards, PK, Siegel ER, **Mears SC**, Barnes CL. Tranexamic Acid Reduces Blood Transfusion in Revision Total Hip Arthroplasty. *J Arthroplasty*. 2016 Dec;31(12):2850-2855. PMID: 27426220
66. Veljkovic AN, Sewell MD, **Mears SC**, Edmonds EW. The 2016 Austrian-Swiss-German Fellowship. *J Bone Joint Surg Am*. 2017 Feb 1;99(3) PMID: 28145960
67. O'Neal RM, Cryer KA, **Edwards PK**, Barnes CL, Mears SC. Narcotic use: A Modifiable Risk Factor for Hip and Knee Arthroplasty. *J Surg Orthop Adv*. 2016 Winter;25(4):227-233. PMID: 28244864
68. **Mears SC**. CORR Insights® High Risk of Readmission in Octogenarians Undergoing Primary Hip Arthroplasty. *Clin Orthop Relat Res*. 2017 Feb 13. PMID: 28194711
69. Edwards PK, Mears SC, **Barnes CL**. PBCI: Everyone Wins, Including the Patient. *J Arthroplasty*. 2017 Jun;32(6):1728-1731. PMID: 28389136

### **Corey O. Montgomery, MD**

70. **Montgomery CO**, Nicholas R. The Danger of an Unplanned Excision. *J Ark Med Soc*. 2016 Jun;112(14):274-5. PMID 27434980

71. Irion VH, Barnes J, Montgomery BE, Suva LJ, **Montgomery CO**. Presentation and Management of Venomous Snakebites: Should All Patients be Transferred to a Tertiary Referral Hospital? *J Surgery Orthop Adv*. 2016 Summer;25(2):69-73. PMID: 27518288
72. Romano RC, Gardner JM, Shalin SC, Ram R, Govindarajan R, **Montgomery CO**, Gilley JH, Nicholas RW. High Relative Expression of Pannexin 3 (PANX3) in an Axillary Sweat Gland Carcinoma With Osteosarcomatous Transformation. *Am J Dermatopathol*. 2016 Jul. 6 PMID: 27391460
73. Stine KC, Wahl EC, Liu L, Skinner RA, Vander Schilden J, Bunn RC, **Montgomery CO**, Aronson J, Becton DL, Nicholas RW, Swearingen CJ, Suva LJ, Lumpkin CK. Nutlin-3 treatments spares cisplatin-induced inhibition of bone healing while maintaining osteosarcoma toxicity. *J Orthop Res*. 2016 Oct;34(10):1716-1724. PMID: 26867804
74. DeWall M, **Montgomery CO**, Gardner JM. Bilateral multifocal upper extremity atypical granular cell tumors presenting as long-standing right wrist and left hand masses in a 15-year-old African-American female. *J Cutan Pathol*. 2017 Jan 11. PMID: 28075051
75. **Montgomery CO**, Porter A, Sachleben B, Suva LJ, Rabenhorst B. Treatment of subperiosteal abscesses in children: is drainage of the intramedullary canal required? *J Pediatr Orthop B* 2016 Mar 3 (e-pub ahead of print). PMID: 27941425 (This article did not have a PMID assigned to it until Jan 2017; it was not listed under FY 2016 publications).
76. Mohan M, Samant RS, Yoon D, Buros AF, Branca A, **Montgomery CO**, Nicholas R, Suva LJ, Morello R, Thanendrarajan S, Schinke C, Yaccoby S, van Rhee F, Davies FE, Morgan GJ, Zangari M. Extensive Remineralization of Large Pelvic Lytic Lesions Following Total Therapy Treatment in Patients with Multiple Myeloma. *J Bone Miner Res*. 2017 Feb 27. PMID: 28240368

#### **Richard W. Nicholas, MD**

77. \***Montgomery CO**, **Nicholas R**. The Danger of an Unplanned Excision. *J Ark Med Soc*. 2016 Jun;112(14):274-5. PMID 27434980
78. Robertson M, Gilley J, **Nicholas R**. Stress Fractures of the Distal Femur Involving Small Nonossifying Fibromas in Young Athletes. *Orthopedics* 2016 Jul 19:1-4. PMID: 27458898.
79. \*Romano RC, Gardner JM, Shalin SC, Ram R, Govindarajan R, Montgomery CO, Gilley JH, **Nicholas RW**. High Relative Expression of Pannexin 3 (PANX3) in an Axillary Sweat Gland Carcinoma With Osteosarcomatous Transformation. *Am J Dermatopathol*. 2016 Jul. 6 PMID: 27391460
80. \*Stine KC, Wahl EC, Liu L, Skinner RA, Vander Schilden J, Bunn RC, Montgomery CO, Aronson J, Becton DL, **Nicholas RW**, Swearingen CJ, Suva LJ, Lumpkin CK. Nutlin-3 treatments spares cisplatin-induced inhibition of bone healing while maintaining osteosarcoma toxicity. *J Orthop Res*. 2016 Oct;34(10):1716-1724. PMID: 26867804
81. **Nicholas RW**. CORR Insights® Is There Benefit to Free Over Pedicled Vascularized Grafts in Augmenting Tibial Intercalary Allograft Constructs? *Clin Orthop Relate Res*. 2017 Jan. 11. PMID: 28078635
82. Mohan M, Samant RS, Yoon D, Buros AF, Branca A, Montgomery CO, **Nicholas R**, Suva LJ, Morello R, Thanendrarajan S, Schinke C, Yaccoby S, van Rhee F, Davies FE, Morgan GJ, Zangari M. Extensive Remineralization of Large Pelvic Lytic Lesions Following Total Therapy Treatment in Patients with Multiple Myeloma. *J Bone Miner Res*. 2017 Feb 27. PMID: 28240368

#### **Charles Pearce, MD**

#### **Brien M. Rabenhorst, MD**

83. \*Montgomery CO, Porter A, Sachleben B, Suva LJ, **Rabenhorst B**. Treatment of subperiosteal abscesses in children: is drainage of the intramedullary canal required? *J Pediatr Orthop B* 2016 Mar 3 (e-pub ahead of print). PMID: 27941425 (This article did not have a PMID assigned to it until Jan 2017; it was not listed under FY 2016 publications).

#### **Regis Renard, MD**

84. Borade A, Kempegowda H, Maniar HH, De Giacomo A, Tornetta P 3rd, Bramlett K, Marcantonio AJ, Marchand LS, Kubiak EN, Ip WH, Kellam JF, Bender JS, Meinberg EG, Kee J, **Renard R**, Suk M, Horwitz DS. External validation of the clinical indications of computed tomography (CT) of the head in patients with low-energy geriatric hip fractures. *Injury*. 2017 Apr 26. PMID: 28502379

#### **Mark S. Smeltzer, PhD**

85. Meeker DG, Beenken KE, Mills WB, Loughran AJ, Spencer HJ, Lynn WB, **Smeltzer MS**. Evaluation of Antibiotics Active against Methicillin-Resistant Staphylococcus aureus Based on Activity in an Established Biofilm. *Antimicrob Agents Chemother*. 2016 Sep 23;60(5688-94). PMID: 27401574
86. **Smeltzer MS**. Staphylococcus aureus Pathogenesis: The Importance of Reduced Cytotoxicity. *Trends Microbiol*. 2016 Sep;24(9):681-2. PMID: 27450110
87. Meeker DG, Chen J, **Smeltzer MS**. Could targeted, antibiotic-loaded gold nanoconstructs be a new magic bullet to fight infection? *Nanomedicine (Lond)*. 2016 Sep;11(18):2379-82. PMID: 27529572
88. Jennings JA, Beenken KE, Skinner RA, Meeker DG, **Smeltzer MS**, Haggard WO, Troxel KS. Antibiotic-loaded phosphatidylcholine inhibits staphylococcal bone infection. *World J Orthop*. 2016 Aug 18;7(8):467-74. PMID: 27622146
89. Berretta JM, Jennings JA, Courtney HS, Beenken KE, **Smeltzer MS**, Haggard WO. Blended Chitosan Paste for Infection Prevention: Preliminary and Preclinical Evaluations. *Clin Orthop Relat Res*. 2017 Jan 17. PMID: 28097503
90. Rhodes CS, Alexander CM, Berretta JM, Courtney HS, Beenken KE, **Smeltzer MS**, Bumgardner JD, Haggard WO, Jennings JA. Evaluation of a chitosan-polyethylene glycol paste as a local antibiotic delivery device. *World J Orthop*. 2017 Feb. 18;8(2):130-141. PMID: 28251063

#### **Brant C. Sachleben, MD**

91. **Sachleben BC**, Nasreddine AY, Nepple JJ, Tepolt FA, Kasser JR, Kocher MS. Reconstruction of Symptomatic Congenital Anterior Cruciate Ligament Insufficiency. *J Pediatr Orthop*. 2017 Feb 7. PMID: 28178094
92. \*Montgomery CO, Porter A, **Sachleben B**, Suva LJ, Rabenhorst B. Treatment of subperiosteal abscesses in children: is drainage of the intramedullary canal required? *J Pediatr Orthop B* 2016 Mar 3 (e-pub ahead of print). PMID: 27941425 (This article did not have a PMID assigned to it until Jan 2017; it was not listed under FY 2016 publications).

#### **Chase D. Smith, MD**

#### **John M. Stephenson, MD**

93. \*Hadden K, Princes LY, Schnaekel A, Couch CG, **Stephenson JM**, Wyrick TO. Readability of Patient Education Materials in Hand Surgery and Health Literacy Best Practices for Improvement. *J Hand Surg Am*. 2016 Aug;41(8):825-32. PMID: 27291416
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#### **Mark A. Tait, MD**

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If faculty are aware of any missed citations, please let Linda Jones know ASAP to ensure these publications are captured for tracking our growing academic success and continued accreditation.