CURRICULUM VITAE

Stanley E. Kim, BVSc, MS

Education

2006 – 2008	Master of Science University of Florida, Gainesville, FL, United States
1999 - 2003	Bachelor of Veterinary Science (First Class Honours) University of Sydney, Sydney, NSW, Australia

Board Certification

2011	Diplomate of the American College of Veterinary Surgeons (Small Animal)

Fellowship

2023	ACVS Founding Fellow in Minimally Invasive Surgery (Small Animal Orthopedics)
2021	ACVS Founding Fellow in Joint Replacement Surgery

Professional Experience

2025 – Present	Founder and Head Clinician Animal Orthopaedic Clinic of Florida, Gainesville, FL, United States
2023 – 2025	Professor, Small Animal Surgery College of Veterinary Medicine, University of Florida, Gainesville, FL, United States
2017 – 2023	Associate Professor, Small Animal Surgery College of Veterinary Medicine, University of Florida, Gainesville, FL, United States
2011 – 2017	Assistant Professor, Small Animal Surgery College of Veterinary Medicine, University of Florida, Gainesville, FL, United States
2010 – 2011	Clinical Lecturer, Small Animal Surgery College of Veterinary Medicine, University of Florida, Gainesville, FL, United States
2007 – 2010	Resident, Small Animal Surgery College of Veterinary Medicine, University of Florida, Gainesville, FL, United States
2005 – 2006	Intern, Small Animal Medicine and Surgery

	Ontario Veterinary College, University of Guelph, Guelph, ON, Canada
2005	Locum Veterinarian Various locations; United Kingdom
2003 – 2004	Associate Veterinarian Castle Hill Veterinary Hospital Sydney, NSW, Australia

Licensure, Professional Societies and Affiliations

American College of Veterinary Surgeons: February 2011 – present
Veterinary Orthopedic Society: January 2008 – present
Board of Veterinary Medicine, State of Florida DBPR: September 2020 - present
Education Commission for Foreign Veterinary Graduates (ECFVG) Certification: September 2020
American Association of Veterinary Clinicians: January 2010 - present
College of Veterinarians of Ontario, Canada: June 2005 – June 2006
Royal College of Veterinary Surgeons, United Kingdom: February 2005 - February 2006
Australian Veterinary Association: November 2003 – November 2005
Veterinary Practitioners Board of New South Wales, Australia: November 2003 - December 2005

Peer-Reviewed Scientific Publications *(110 publications, 65 as first or corresponding author; *First or corresponding author*)

110. Pozzi A, Natsios P, **Kim SE**, Choate CJ, Conrad BP. Relationship between the shape of the tibial plateau and femorotibial contact mechanics after meniscectomy in the canine stifle. Front Vet Sci 2025, 12: https://doi.org/10.3389/fvets.2025.1441329

109. Lederer XJ, Lewis DD, Evans RB, Johnson MD, **Kim SE**. Retrospective comparison of minimally invasive plate osteosynthesis and open reduction and plate stabilization of antebrachial fractures in 105 dogs (2017-2022). Vet Surg 2025 54:714-723.

108. Carvajal JL, Karlin WM, Marcellin-Little DJ, Kowaleski MP, Verpaalen VD, Guiot LP, Chou PY, Barthelemy NP, Lotsikas PJ, **Kim SE***. Breakage of cementless press-fit femoral stems following total hip arthroplasty in dogs: 14 cases (2013-2023). Vet Surg 2025 54:561-572

107. Deveci MZY, Lewis DD, Worden NJ, Johnson MD, Scheuermann LM, **Kim SE**, Peterson LC. Evaluation of 3D-printed patient-specific guides to facilitate fluoroscopic-assisted Kirschner wire stabilization of simulated capital physeal fractures in 3D-printed dog femur models. Vet Surg. 2025 54:354-366

106. Longo F, Castelli E, Lewis DD, Hudson CC, **Kim SE**, Pozzi A. Minimally invasive tarsal arthrodesis in 15 dogs. Vet Surg. 2025 54:129-140

105. Hanlon J, **Kim SE*.** Mechanical evaluation of a threaded interference interlocking mechanism for angle-stable intramedullary nailing. Am J Vet Res. 2024 85:ajvr.24.03.0071.

104. Carvajal JL, Timko SE, **Kim SE**, Lewis DD, Lee HB. Femoral stem placement for total hip arthroplasty using three-dimensional custom surgical guides in dogs. VCOT Open 2024 7:e80–e86

103. Horwood C, Carvajal JL, Pozzi A, **Kim SE***. Complications and Outcomes of Total Hip Arthroplasty in Dogs with Luxoid Hip Dysplasia: 18 Cases (2010 – 2022). Vet Surg 2024 53:620-629

102. Scheuermann LM, **Kim SE*.** Three-Dimensionally Printed Osteotomy and Reaming Guides for Correction of a Complex Femoral Deformity Stabilized with an Interlocking Nail in a Dog. Vet Surg 2024 53:1438-1447

101. Scheuermann LM, Lewis DD, Johnson MD, Biedrzycki AH, **Kim SE.** Clinical Efficacy of Virtual Surgical Planning and 3D-Printed, Patient-Specific Reduction Guides to Facilitate Alignment of Diaphyseal Tibial Fractures Stabilized via Minimally Invasive Plate Osteosynthesis in Dogs: A Historic Case Matched Control Study. Vet Surg 2024 53:1052-1061

100. Scheuermann LM, Lewis DD, Johnson MD, Biedrzycki AH, **Kim SE.** Efficacy of Virtual Surgical Planning and a 3D-Printed, Patient-Specific Reduction System to Facilitate Alignment of Diaphyseal Tibial Fractures Stabilized via Minimally Invasive Plate Osteosynthesis in Dogs: A Prospective Clinical Study. Vet Surg 2024 53:1039-1051

99. Kim MY, **Kim SE***. Mitigation of Gap Formation Resulting from Saw Blade in Single-Cut Osteotomy. J Vet Sci 2024 25:e26.

98. Evers JS, **Kim SE***, Johnson M. Accuracy of needle arthroscopy under sedation for diagnosis of medial meniscal tears in dogs with cranial cruciate ligament rupture. Vet Surg 2023, 52:820-826

97. de Moya K, **Kim SE***, Guiot L. Closed reduction and fluoroscopic-guided percutaneous pinning of femoral capital physeal or neck fractures: 13 fractures in 11 dogs. Vet Surg 2023, 52:846-852

96. Scheuermann LM, **Kim SE***, Biedrzycki AH. Accuracy of 3D printing assisted minimally invasive plate osteosynthesis for femoral fracture repair in dogs with and without custom surgical guides. Vet Surg 2023, 52:827-835

95. Dalton CL, **Kim SE***, Mullen KM, Biedrzycki AH. Minimally invasive repair of acetabular fractures in dogs: an ex-vivo feasibility study and case report. Vet Surg 2023, 52:836-845

94. Tinga S, **Kim SE***, Kopp R, Tuyn D. Biomechanical comparison of canine femurs implanted with either cemented (CFX®) or cementless (with lateral bolt) (BFX®+lb) total hip replacement under 4-point bending or torsional loads. Frontiers Bioengineering 2023 11:999271.

93. Carvajal J, **Kim SE***. Proximal Femoral Deformity Correction and Total Hip Arthroplasty in a Dog Using Three-Dimensionally Printed Custom Guides. Vet Surg 2023, 52:168-175

92. Carvajal J, **Kim SE***. Acute-phase protein concentrations following uncomplicated total hip arthroplasty in dogs. Vet Surg 2022, 52:81-86

91. De Armond CD, Lewis DD, **Kim SE**, Biedrzycki AH. Accuracy of virtual surgical planning and custom 3D-printed osteotomy and reduction guides for acute uni- and bi-apical correction of antebrachial deformities in dogs. J Am Vet Med Assoc 2022, 260:1-9.

90. Johnson MD, Lewis DD, Sutton WA, Scheuermann LM, De Armond CC, **Kim SE**, Biedrzycki AH. Efficacy of Virtual Surgical Planning and 3D-Printed Patient-Specific Reduction Guides for Aligning Simulated Comminuted Tibial Fractures in Cadaveric Dogs. Am J Vet Res 2022, 83(9):ajvr.21.12.0215.

89. Evers JS, **Kim SE***. Use of a bone-to-tendon plate to stabilize a comminuted calcaneus fracture in a dog. Vet Surg 2022, 51:859-863

88. Peterson LC, **Kim SE***, Biedrzycki AH. Evaluation of a crescent saw guide for tibial plateau leveling osteotomy: an ex-vivo study. Vet Surg 2022, 51:509-519

87. Franklin SP, Stoker A, Murphy S, Kowaleski MP, Gillick M, **Kim SE**, Karlin M, Cross AR, CookJL. Outcomes associated with Osteochondral Allograft Transplantation in Dogs. Frontiers in Vet Sci 2021 8:759610

86. de Moya K, Reppenhagen J, **Kim SE***. Nonadherence to follow-up recommendations is common for dogs and cats undergoing orthopedic surgery J Am Vet Med Assoc 2022 260:S83-87

85. Lazarus MA, **Kim SE***, Lewis DD, Johnson MD. Intra-articular Injection of a Dextran Polymer Combined with Antibiotics for Bacterial Infective Arthritis in Companion Animals: 15 cases. Vet Comp Ortho Traumatol Open 2021 4:e92.

84. Jeong JM, Jeong SM, **Kim SE**, Lewis DD, Lee HB. Subsequent meniscal tears following tibial tuberosity advancement and tibial plateau leveling osteotomy in dogs with cranial cruciate ligament deficiency: an in vivo experimental study. Vet Surg 2021 50:966-974

83. Bascuñán A, Soula MJ, Millar KK, Biedrzycki A, Banks SA, Lewis DD, **Kim SE*.** In-Vivo, Three-Dimensional Knee Kinematics in Goats with Unilateral Anterior Cruciate Ligament Transection. J Orthop Res 2021 39:1052-1063

82. Peterson LC, **Kim SE***, Lewis DD, Johnson MD, Ferrigno C. Calcium Sulfate Antibiotic Impregnated Bead Implantation for the Treatment or Prevention of Deep Surgical Infection. Vet Surg 2021 50:748-757

81. Tinga S, **Kim SE***, Banks SA, Jones SC, Park BH, Chapman SM, Pozzi A, Lewis DD. Femorotibial joint kinematics in nine dogs treated with lateral suture stabilization for complete cranial cruciate ligament rupture. J Am Vet Med Assoc 2021 258:493-501.

80. Peterson LC, **Kim SE***. Minimally invasive fixation of a lateral tibial plateau fracture in a dog. J Small Anim Pract. 2021 62:161.

79. DeArmond C, **Kim SE***, Lewis DD, Biedrzycki A, Banks SA, Cook JL, Keister JD. Three-dimensional-printed custom guides for bipolar coxofemoral osteochondral allograft in dogs. PLOS One 2021 16:e0244208.

78. Billhymer A, Vilaplana Grosso F, **Kim SE**. What is your diagnosis? Colonic entrapment in a dog. J Am Vet Med Assoc 2020 257:1007-1010

77. Regier PJ, Fealey MJ, **Kim SE**, Case JB, Garcia-Pereira F. Comparison of intestinal leak pressure between cadaveric canine and commercial synthetic intestinal tissue that did and did not undergo enterotomy. Am J Vet Res. 2020 81:827-831.

76. **Kim SE***, McFetridge PS, Hagen JE. Human-placental derived matrix with cancellous autograft and demineralized bone matrix for large segmental long-bone defects in two dogs with septic nonunion. Vet Surg 2020 49:1618-1625

75. de Moya K, **Kim SE*.** Radiographic evaluation of patellar tendon length following corrective surgical procedures for medial patellar luxation in dogs. PLoS ONE 2020 15: e0238598.

74. Kopp R, **Kim SE***, Lai A, Cashmore R, Hulse D, Marchevsky A. Caudal cruciate ligament disease in 3 Basset Hounds. J Am Vet Med Assoc 2020 256:921-926

73. Zann GJ, **Kim SE***, Tinga S, Pozzi A, Banks SA. The effect of tibial plateau leveling osteotomy on patellofemoral kinematics in dogs: An in vivo study. Vet Surg. 2020 49:207-213.

72. Tinga S, **Kim SE***, Banks SA, Jones SC, Park BH, Burch M, Pozzi A, Lewis DD. Femorotibial kinematics in dogs treated with tibial plateau leveling osteotomy for cranial cruciate ligament insufficiency: An in vivo fluoroscopic analysis during walking. Vet Surg 2020 49:187-199

71. **Kim SE***, Pozzi A, Yeh JC, Lopez M, Au Yong J, Townsend S, Dunlap AE, Christopher SA, Lewis DD, Johnson MD, Petrucci K. Evaluation of intra-articular umbilical cord derived mesenchymal stem cells for the treatment of chronic elbow osteoarthritis in dogs. Frontiers in Veterinary Science 2019 6:474.

70. Cavalcanti JVJ, **Kim SE*,** Colee J. Retrospective evaluation of intra-articular proximal jig pin placement with tibial plateau leveling osteotomy. The Open Veterinary Journal 2019 9:335-338.

69. Lewis DD, **Kim SE**, Shmalberg J, MacArthur SL. Correction of Excessive Tibial Plateau Angle and Limb Shortening in a Juvenile Dog Using a Hinged Circular Fixator Construct and Distraction Osteogenesis. Case Rep Vet Med. 2019 16:1439237.

68. Pozzi A, Lewis DD, Hudson CC, **Kim SE**, Castelli E. Percutaneous Plate Arthrodesis. Vet Clin North Am Small Anim Pract. 2019 S0195-5616:30128-7.

67. Hudson CC, **Kim SE**, Pozzi A. Percutaneous Pinning for Fracture Repair in Dogs and Cats. Vet Clin North Am Small Anim Pract. 2019 S0195-5616:30132-9.

66. Bascuñán AL, Biedrzycki A, Banks SA, Lewis DD, **Kim SE*.** Large Animal Models for Anterior Cruciate Ligament Research. Front Vet Sci. 2019 29:292.

65. Au Yong J, Case JB, Verpaalen V, McConkey M, **Kim SE.** Survey of Instructor and Student Impressions of a High-Fidelity Canine Model in Canine Ovariohysterectomy Surgical Training. Vet Surg 2019 48(6):975-984

64. Au Yong J, **Kim SE***, Case JB. Survey of Clinician and Student Impressions of a Synthetic Canine Model for Gastrointestinal Surgery Training. Vet Surg 2019 48:343-351

63. Carvajal J, **Kim SE***, Pozzi A. Use of a Cerclage Cable-Plate System for Stabilization of a Periprosthetic Femoral Fracture Following Total Hip Replacement in a Dog Vet Surg 2019 48:437-443

62. Townsend S, **Kim SE***, Tinga S. Comparison of Condylar Morphology in Normal and Cranial Cruciate Ligament Deficient Stifles of Dogs Vet Surg 2018 47(8):1009-1015

61. Sherman AH, **Kim SE***, Craft W, Lewis DD. Micro-Arteriovenous Malformation in a Dog Causing Spontaneous Hemorrhage from the Metacarpal Pad. Can Vet J 2018 59(6):659-662

60. Wallace MW, Ellison GW, Giglio R, Batich CD, Berry CR, Case JB, **Kim SE**. Clinical trial of a self-retaining radiolucent polyacrylic acid-silicone gradual occlusion device for portosystemic shunt attenuation in 6 dogs with single congenital extrahepatic portosystemic shunts. Vet Surg 2018 47(5):722-728

59. Au Yong J, Lewis DD, **Kim SE,** Evans RB, Pozzi A. A retrospective evaluation of the efficacy of minimally invasive, fluoroscopic-assisted reduction and stabilisation of uni-condylar humeral fractures. Australian Veterinary Journal 2018 96(8):302-307

58. Tinga S, **Kim SE***, Banks SA, Jones SC, Park BH, Pozzi A, Lewis DD. Femorotibial kinematics in dogs with cranial cruciate ligament insufficiency: A three-dimensional in-vivo fluoroscopic analysis during walking. BMC Vet Res 2018 14:85

57. Gilbert ED, Lewis DD, Townsend S, **Kim SE**. Evaluation of two external fixator systems for facilitating alignment and reduction when performing minimally invasive plate osteosynthesis in simulated antebrachial fractures Vet Surg 2017 46:971-980

56. Coggeshall JD, Lewis DD, Iorgulescu A, **Kim SE**, Palm LS, Pozzi A. Adjunctive Fixation with a Kirschner Wire or a Plate for Lateral Unicondylar Humeral Fracture Stabilization. Vet Surg 2017 46:933-941

55. **Kim SE***, Zann GJ, Tinga S, Moore EJ, Pozzi A, Banks SA. Patellofemoral kinematics in dogs with cranial cruciate ligament insufficiency: An in-vivo fluoroscopic analysis during walking. BMC Vet Res 2017 17;13(1):250

54. Townsend S, **Kim SE***, Pozzi A. Technique-related risk factors for BFX total hip replacement complications. Vet Surg 2017 46:803-811

53. Tremolada G, Lewis DD, Paragnani K, Conrad BP, **Kim SE**, Pozzi A. A biomechanical comparison of 3.5 mm Fixin plates and 3.5 mm Synthes locking compression plates applied as plate-rod constructs in a fracture gap model. Am J Vet Res 2017 78(6):712-717

52. Panjeton GD, **Kim SE***, Chang K, Palm LS, Ifju P. Deformation of the Zurich cementless acetabular cup caused by implantation in a canine cadaver model. Vet Surg 2017 46:441-447

51. Boekhout CL, **Kim SE**, Pozzi A, Cross AR. Closed Reduction and Fluoroscopic Assisted Percutaneous Pinning of 42 Physeal Fractures in 37 dogs and 4 cats. Vet Surg 2017 46:103-110

50. Moore EJ, **Kim SE***, Banks SA, Pozzi A, Coggeshall J, Jones SC. Normal Femoropatellar Kinematic Patterns during Daily Activities in Dogs. BMC Vet Res 2016 12:262-266

49. Dunlap AE, **Kim SE***, Christopher SA, Pozzi A. Clinical outcome and complications of surgery for grade 4 medial patellar luxation in dogs. J Am Vet Med Assoc 2016 249:208-213

48. Wallace ML, Ellison GW, Giglio RF, Batich C, Berry CR, Case JB, **Kim SE**. Attenuation of an intra-abdominal vein using a silicone/polyacrylic acid gradual venous occlusion device in dogs and cats: an in-vivo study. Am J Vet Res 2016 77:653-657

47. Christopher SA, **Kim SE**, Roe S, Pozzi A. Biomechanical evaluation of adjuctive cerclage wire for the prevention of periprosthetic femur fracture using cementless press fit total hip replacement. Vet J 2016 214:7-9, 2016

46. Wallace ML, Ellison GW, Batich C, Case JB, **Kim SE**. In vitro development of a polyacrylic acid/silicone venous slow occlusion device for the attenuation of portosystemic shunts. Am J Vet Res 2016 77:315-322

45. Berglund IS, Jacobs BY, Allen KD, **Kim SE**, Pozzi A, Allen JB, Manel JB. Peri-implant tissue response and biodegradation performance of a Mg-1.0Ca-0.5Sr alloy in rat tibia. Materials Sci Eng: C. 2016 62:79-85

44. Dunlap AE, **Kim SE***, McNicholas WT Jr. Biomechanical evaluation of a non-locking pre-manufactured loop suture technique compared to a three-loop pulley suture in a canine calcaneus tendon avulsion model. Vet Comp Orthop Traumatol 2016 29:131-135

43: Brunson BW, Case JB, Ellison GW, Fox-Alvarez WA, **Kim SE**, Winter M, Garcia-Pereira FL, Farina LL. Evaluation of surgical outcome, complications, and mortality in dogs undergoing preoperative computed tomography angiography for diagnosis of an extrahepatic portosystemic shunt: 124 cases (2005-2014). Can Vet J 2016 57:59-64

42. Nazarali A, Singh A, Moens NM, Gatineau M, Sereda C, Fowler D, **Kim SE**, Kisiel A, Reynolds D, Ringwood BR, Bruce CW, Gibson TW, Rousseau J, Weese JS. Association between methicillin-resistant Staphylococcus pseudintermedius carriage and the development of surgical site infections following tibial plateau leveling osteotomy in dogs. J Am Vet Med Assoc 2016 247:909-916

41. **Kim SE***, Jones SC, Lewis DD, Banks SA, Conrad BP, Tremolada G, Abbasi AZ, Coggeshall JD, Pozzi A. In-vivo three-dimensional knee kinematics during daily activities in dogs. J Orthop Res 2015 33(11):1603-1610, 2015

40. **Kim SE***, Case JB, Lewis DD, Ellison GW. Perception of Teaching and Assessing Technical Proficiency in American College of Veterinary Surgeons Small Animal Surgery Residency Programs. Vet Surg 2015 44(6):790-797

39. Montgomery ML, **Kim SE***, Dyce J, Pozzi A. The effect of dorsal acetabular rim loss on the initial stability of the BioMedtrix cementless acetabular cup. BMC Vet Res 2015 11(1):383

38. Desandre D, **Kim SE*,** Peck JN, Coggeshall JD, Tremolada G, Pozzi A. Effect of dorsal acetabular rim loss on stability of the Zurich cementless total hip acetabular cup in dogs. Vet Surg 2015 44:195-199
****Publication Award****

37. Dan BJ, **Kim SE***, Pozzi A. Diagnosis and Treatment of an Infected Total Hip Replacement Implant with Prosthesis Retention. J Small Anim Pract 2014 55(11):585-588

36. Arulpragasam SP, **Kim SE***, VanderHart DJ. What is your diagnosis? Comminuted Salter-Harris Type III fracture of the femoral capital physis in a dog. J Am Vet Med Assoc 2014 245(11):1225-1227

35. Frydman G, Cuddy LC, **Kim SE**, Pozzi A. Treatment of bicondylar femoral fractures complicated by concurrent ligament or tendon injuries in four dogs. Vet Comp Orthop Traumatol 2014 27:324-332

34. Jones SC, **Kim SE***, Banks SA, Conrad BP, Tremolada G, Abbasi AZ, Lewis DD, Pozzi A. Accuracy of Measuring Three-Dimensional Femorotibial Joint Poses in Tibial Plateau Leveling Osteotomy Treated Dogs Using Non-Invasive, Fluoroscopic Kinematic Analysis. Am J Vet Res 2014 75:486-493

33. Jones SC, **Kim SE***, Banks SA, Conrad BP, Tremolada G, Abbasi AZ, Lewis DD, Pozzi A. Accuracy of Measuring Three-Dimensional Femorotibial Joint Poses in Dogs Using Non-Invasive, Single-Plane Fluoroscopic Kinematic Analysis. Am J Vet Res 2014 75:477-485

32. Coggeshall JD, Lewis DD, Fitzpatrick N, Conrad BP, Swanson KR, Palm LS, Pozzi A, **Kim SE**. Biomechanical comparison of two implants utilized for the stabilization of incomplete ossification of the humeral condyle lesions. Vet Surg 2014 43:58-65

31. **Kim SE***, Lewis DD. Corrective osteotomy for procurvatum deformity due to distal femoral physeal fracture malunion: results in two dogs and a review of the literature. Aus Vet J 2014 92:75-80

30. Maki LC, **Kim SE***, Winter MD, Kow K, Conway JA, Lewis DD. Compartment syndrome associated with expansile antebrachial tumors in two dogs. J Am Vet Assoc 2014 244:346-351

29. Tremolada G, Winter MD, **Kim SE**, Spreng D, Pozzi A. Static stress magnetic resonance imaging of the canine stifle: a cadaveric feasibility study. Am J Vet Res 2014 71:41-47

28. Coggeshall JD, Reese DJ, **Kim SE**, Pozzi A. Arthroscopic-guided ulnar distraction for the correction of elbow incongruency in four dogs (five elbows). J Small Anim Prac 2014 55:46-51

27. Pozzi A, **Kim SE**, Banks SA, Conrad BP, Horodyski MB, Lewis DD. Pathomethanics of the Pond-Nuki Model. PLoS ONE 2013 8:e81383

26. Pozzi A, Dunbar NJ, **Kim SE**. Effect of tibial plateau leveling osteotomy on patellofemoral alignment: A study using canine cadavers. Vet J 2013 198:98-102

25. **Kim SE***. Robert Jones Bandage. NAVC Clinician's Brief 2013 11:71-75

24. **Kim SE***, Giglio RF, Reese DJ, Reese SL, Bacon NJ, Ellison GW. Comparison of abdominal computed tomographic angiography and ultrasound for the detection and characterization of portosystemic shunts. Vet Rad Ultrasound 2013 56:569-574

23. Rubin JA, **Kim SE***, Bacon NJ. Traumatic tympanic bulla fracture in a dog. J Small Anim Prac 2013 54:605-609

22. Leeman JJ, **Kim SE*,** Reese DJ, Risselada M, Ellison GW. Multiple congenital portosystemic shunts in a dog: case report and literature review. J Am Anim Hosp Assoc 2013 49:281-285

21. Skinner OT, **Kim SE**, Lewis DD, Pozzi A. In vivo femorotibial subluxation during weight-bearing and clinical outcomes after tibial tuberosity advancement for cranial cruciate ligament insufficiency in dogs. Vet J 2013 196:86-91

20. Choate CJ, **Kim SE**, Hudson CC, Spreng D, Pozzi A. Effect of lateral meniscectomy on contact pressures with osteochondral grafting of the lateral femoral condyle: a cadaveric study. BMC Vet Res 2013 9:53

19. Coutin JV, Lewis DD, **Kim SE**, Reese DJ. Bifocal femoral deformity correction and lengthening using a circular fixator construct in a dog. J Am Anim Hosp Assoc 2013 49(3):216-223

18. Cuddy LC, Lewis DD, **Kim SE**, Conrad BP, Banks SA, Horodyski M, Fitzpatrick N, Pozzi A. Ex vivo contact mechanics and three-dimensional alignment of normal dog elbows after proximal ulnar rotational osteotomy. Vet Surg 2012 41(8):905-914

17. **Kim SE*,** Hudson CC, Pozzi A. Percutaneous pinning for fracture repair in dogs and cats. Vet Clinics N Am Small Anim Pract 2013 42(5):963-974

16. Pozzi A, Lewis DD, Hudson CC, **Kim SE**. Percutaneous plate arthrodesis in small animals. Vet Clin North Am Small Anim Pract 2012 42(5):1079-1096

15. Cuddy LC, Pozzi A, Lewis DD, Conrad BP, Horodyski MB, **Kim SE**, Fitzpatrick N. Contact Mechanics and Three-Dimensional Alignment of Normal Dog Elbows. Vet Surg 2012 41(7):818-28

14. McCally RE, **Kim SE***, Bacon NJ, Winter MD, Cords AA, Conway JA. Surgical management of a subepiglottic thyroglossal duct cyst in a dog. J Am Anim Hosp Assoc 2012 48(3):198-202

13. Choate CJ, Lewis DD, **Kim SE**, Sereda CW. Use of hinged circular fixator constructs for the correction of crural deformities in three dogs. Aust Vet J 2012 90(7):256-263

12. Aitken-Palmer C, Lewis DD, **Kim SE**, Reese DJ. Use of a circular fixator construct for metacarpal fracture stabilisation in a fawn. Vet Rec 2012 170(17):444

11. **Kim SE***, Lewis DD, Pozzi A. Effect of tibial plateau leveling osteotomy on femorotibial subluxation: in vivo analysis during standing. Vet Surg 2012 41(4):465-470

10. **Kim SE***, Lewis DD, Pozzi A, Seibert RL, Winter MD. Radiographic quantitative assessment of cranial tibial subluxation before and after tibial plateau leveling osteotomy. Am J Vet Res 2011 72(3);410-416

9. Pozzi A, **Kim SE**, Lewis DD: Effect of transection of the caudal menisco-tibial ligament on medial femorotibial contact mechanics. Vet Surg 2010 39(4):498-495

8. Risselada M, Bacon NJ, Ellison GW, Kirkby KA, Polyak M, **Kim SE**. Comparative surgical blood loss associated with five different techniques for partial liver lobectomies in the dog. Vet Surg 2010 39(7):856-862

7. **Kim SE***, Pozzi A, Banks SA, Lewis DD, Conrad BP. Effect of cranial cruciate ligament deficiency, tibial plateau leveling osteotomy, and tibial tuberosity advancement on contact mechanics and alignment of the stifle in flexion. Vet Surg 2010 39(3):363-370

6. Kligman KC, **Kim SE**, Winter MD, Bacon NJ, Krellner H, Levy JK. What is your diagnosis? Synovial cysts in a cat. J Am Vet Med Assoc 2009 235(8):945-946

5. **Kim SE***, Pozzi A, Banks SA, Conrad BP, Lewis DD. Effect of tibial tuberosity advancement on femorotibial contact mechanics and stifle kinematics. Vet Surg 2009 38(1):33-39 ****Publication Award****

4. **Kim SE***, Pozzi A, Banks SA, Conrad BP, Lewis DD. Effect of tibial plateau leveling osteotomy on femorotibial contact mechanics and stifle kinematics. Vet Surg 2009 38(1):23-32

3. Ferraz VCM, Ferrigno CRA, Cortopassi SRG, Lopes RS, Isaza R, **Kim SE**. Avaliação radiográfica e de função de vôo após fixação de osteotomias distais do úmero em pombas (*Columba livia*), com modelo de fixador externo articulado. Pes Vet Bras 2008 28(8):351-357

2. **Kim SE***, Pozzi A, Kowaleski MP, Lewis DD. Tibial osteotomies for the treatment of cranial cruciate ligament insufficiency in dogs. Vet Surg 2008 37(2):111-125

1. **Kim SE***, Liptak JM, Gall TT, Montieth GJ, Woods JP. Adjuvant epirubicin in the treatment of splenic hemangiosarcoma: 59 dogs (1997-2004). J Am Vet Med Assoc 2007 231(10):1550-1557

Scientific Publications In Press

Ramsey HD, Hanlon J, Kieves NR, **Kim SE*.** Comparison of Tibial Alignment Following Bent or Straight Interlocking Nail Fixation for Dogs with Diaphyseal Tibial Fractures. Vet Surg

Souders K, **Kim SE*.** Aseptic Protocol Breaches Are Common Among Veterinary Students Scrubbing, Gowning, and Gloving into Surgery. Am J Vet Res

Hanlon J, Buoniconti S, **Kim SE***. Mechanical Impact of Distal Interlocking Bolt, Cis-Cortical Over-Drilling on Angle Stable Intramedullary Nailing. Am J Vet Res

Mazdarani P, Johnson MD, Carvajal J, **Kim SE***. Standard Radiographs Are Unreliable for Detecting Mild Tibial Torsion Following Tibial Plateau Leveling Osteotomy in Dogs. Am J Vet Res

Peterson E, **Kim SE*.** The Development of Customized 3D Printed Casts for External Fixator Wire Placement in the Antebrachium of Dogs. Am J Vet Res

Scientific Abstract Presentations

Kim SE, Lewis DD, Pozzi A, Case JB, Ellison GW. Perception of teaching and assessing technical proficiency in American College of Veterinary Surgeons' small animal surgery residency programs. American College of Veterinary Surgeons' Surgery Summit, San Diego, CA, 2014 (podium presentation)

Kim SE, Lewis DD, Pozzi A, Winter MD. Effect of tibial plateau leveling osteotomy on femorotibial subluxation: in vivo analysis during standing. American College of Veterinary Surgeons Symposium Residents Forum, Seattle, WA, 2010 (podium presentation). ****Presentation Award Winner****

Kim SE, Lewis DD, Pozzi A, Seibert RL, Winter MD. Radiographic quantitative assessment of cranial tibial subluxation before and after tibial plateau leveling osteotomy. Veterinary Orthopedic Society Scientific Meeting, Breckenridge, CO, 2010 (poster presentation).

Kim SE, Lewis DD, Pozzi A, Winter MD. Effect of tibial plateau leveling osteotomy on femorotibial subluxation: in vivo analysis during standing. Veterinary Orthopedic Society Scientific Meeting, Breckenridge, CO, 2010 (podium presentation). ****Presentation Award Winner****

Kim SE, Pozzi A: Effect of meniscal hoop stress loss on femorotibial contact mechanics. Veterinary Annual Arthrex Arthrology Meeting, Naples, FL, 2008 (podium presentation). ****Presentation Award Winner****

Kim SE, Pozzi A, Banks SA, Lewis DD, Conrad BP: Effect of tibial tuberosity advancement and tibial plateau leveling osteotomy on three-dimensional stifle kinematics: an ex-vivo study. American College of Veterinary Surgeons Symposium Residents Forum, San Diego, CA, 2008 (podium presentation). ****Presentation Award Winner****

Kim SE, Pozzi A, Banks SA, Lewis DD, Conrad BP: Effect of tibial tuberosity advancement and tibial plateau leveling osteotomy on stifle contact mechanics. Veterinary Orthopedic Society Scientific Meeting, Big Sky, MT, 2008 (podium presentation). ****Presentation Award Winner****

Kim SE, Pozzi A, Banks SA, Lewis DD, Conrad BP: Effect of tibial tuberosity advancement and tibial plateau leveling osteotomy on stifle contact mechanics. University of Florida College of Veterinary Medicine Phi Zeta Research Emphasis Day, Gainesville, FL, 2007 (podium presentation). ****Presentation Award Winner****

Kim SE, Liptak JM, Gall TT, Montieth GJ, Woods JP: Retrospective analysis of the efficacy and toxicity adjuvant epirubicin for dogs with splenic hemangiosarcoma. Annual American College of Veterinary Internal Medicine Forum, Lexington, KY, 2006 (podium presentation).

Scientific Abstract Publications

Ramsey HD, Hanlon J, Kieves NR, **Kim SE*.** Comparison of Tibial Alignment Following Bent or Straight Interlocking Nail Fixation for Dogs with Diaphyseal Tibial Fractures. Proceedings of the Veterinary Orthopedic Society Meeting, Breckenridge, CO

Hanlon J, **Kim SE*.** Mechanical Evaluation of a Novel Locking Mechanism for Angle Stable Intramedullary Nailing. Proceedings of the Veterinary Orthopedic Society Meeting, Lake Tahoe, CA, 2024 ****Presentation Award Winner****

Hanlon J, Buoniconti S, **Kim SE***. Mechanical Impact of Distal Interlocking Bolt, Cis-Cortical Over-Drilling on Angle Stable Intramedullary Nailing. Proceedings of the Veterinary Orthopedic Society Meeting, Lake Tahoe, CA, 2024

Simon K, Hanlon J, **Kim SE***. Drilling Accuracy with a Veterinary Interlocking Nail System Utilizing a Modified Drill Guide. Proceedings of the Veterinary Orthopedic Society Meeting, Lake Tahoe, CA, 2024

Mazdarani P, **Kim SE***, Johnson MD, Carvajal J. Radiographic Evaluation of Tibial Torsion Following TPLO. Proceedings of the Veterinary Orthopedic Society Meeting, Lake Tahoe, CA, 2024

Kim MY, **Kim SE*.** Development of a 3D-printed Canine Hip Dysplastic Model for Acetabular Cup Implantation Training. Proceedings of the Veterinary Orthopedic Society Meeting, Lake Tahoe, CA, 2024 ****Presentation Award Winner****

Kim MY, **Kim SE*.** Mitigation of Gap Formation Resulting from Saw Blade in Single-Cut Osteotomy. Proceedings of the Veterinary Orthopedic Society Meeting, Lake Tahoe, CA, 2024

Souders KM, **Kim SE*.** Characterization of aseptic protocol breach events during scrubbing, gowning and gloving amongst veterinary students in a teaching hospital setting. Proceedings of the Veterinary Orthopedic Society Meeting, Lake Tahoe, CA, 2024 ****Presentation Award Winner****

Higgins S, **Kim SE*.** Feasibility of Percutaneous Osteotomies in Dogs. Proceedings of the Veterinary Orthopedic Society Meeting, Lake Tahoe, CA, 2024

Peterson E, **Kim SE*.** The Development of Customized 3D Printed Casts for External Fixator Wire Placement in the Antebrachium of Dogs. Proceedings of the Veterinary Orthopedic Society Meeting, Lake Tahoe, CA, 2024 ****Presentation Award Winner****

Deveci MZY, Worden NJ, Lewis DD, Johnson MD, Scheuermann LM, **Kim SE**, Peterson LC. Evaluation of 3D-Printed Patient-Specific Guides to Facilitate Fluoroscopic-Assisted Kirschner Wire Stabilization of Simulated Femoral Capital Physeal Fractures in 3D-Printed Dog Femur Models. Proceedings of the Veterinary Orthopedic Society Meeting, Lake Tahoe, CA, 2024

Horwood C, **Kim SE***. Complications and Outcomes of Total Hip Arthroplasty in Dogs with Luxoid Hip Dysplasia: 16 Cases (2010 – 2022). Proceedings of the Veterinary Orthopedic Society Meeting, Big Sky, MT, 2023

Scheuermann LM, Lewis DD, Johnson MD, Biedrzycki AH, **Kim SE.** Clinical Efficacy of Virtual Surgical Planning and 3D-Printed, Patient-Specific Reduction Guides to Facilitate Alignment of Diaphyseal Tibial Fractures Stabilized via Minimally Invasive Plate Osteosynthesis in Dogs: A Historic Case Matched Control Study. Proceedings of the Veterinary Orthopedic Society Meeting, Big Sky, MT, 2023 ***Presentation Award Winner***

Scheuermann, LM, Lewis DD, Johnson MD, Biedrzycki AH, **Kim SE.** Efficacy of Virtual Surgical Planning and 3D-Printed, Patient-Specific Reduction Guides to Facilitate Alignment of Diaphyseal Tibial Fractures Stabilized via Minimally Invasive Plate Osteosynthesis in Dogs: A Prospective Clinical Study. Proceedings of the Veterinary Orthopedic Society Meeting, Big Sky, MT, 2023

Scheuermann LM, **Kim SE*.** Three-Dimensionally Printed Osteotomy and Reaming Guides for Correction of a Complex Femoral Deformity Stabilized with an Interlocking Nail in a Dog. Proceedings of the Veterinary Orthopedic Society Meeting, Big Sky, MT, 2023

Carvajal JL, Karlin WM, Marcellin-Little DJ, Kowaleski MP, Verpaalen VD, Guiot LP, **Kim SE***. Breakage of cementless press-fit femoral stems for total hip arthroplasty: 7 dogs. Proceedings of the Veterinary Orthopedic Society Meeting, Big Sky, MT, 2023 **Presentation Award Winner**

de Moya KA, Gauthier CM, Bleedorn, JA, Palmer RH, Radasch RM, **Kim SE,** Lewis DD. Treatment of Antebrachial Deformities Secondary to Premature Closure of the Distal Radial Physis Using Circular External Skeletal Fixation and Distraction Osteogenesis in 12 Skeletally Immature Dogs. Proceedings of the Veterinary Orthopedic Society Meeting, Big Sky, MT, 2023

Scheuermann LM, **Kim SE***, Biedrzycki AH. Accuracy of 3D printing assisted minimally invasive plate osteosynthesis for femoral fracture repair in dogs with and without custom surgical guides. Proceedings of the World Veterinary Orthopedic Congress, Snowmass, 2022

Dalton CL, **Kim SE***, Mullen KM. Minimally invasive repair of acetabular fractures in dogs: an ex-vivo feasibility study and case report. Proceedings of the World Veterinary Orthopedic Congress, Snowmass, 2022

de Moya K, **Kim SE***, Guiot L. Closed reduction and fluoroscopic-guided percutaneous pinning of femoral capital physeal or neck fractures: 13 fractures in 11 dogs. Proceedings of the World Veterinary Orthopedic Congress, Snowmass, 2022

Carvajal J, **Kim SE***. Acute-phase protein concentrations following uncomplicated total hip arthroplasty in dogs. Proceedings of the World Veterinary Orthopedic Congress, Snowmass, 2022

Carvajal J, **Kim SE***. Proximal Femoral Deformity Correction and Total Hip Arthroplasty in a Dog Using Three-Dimensionally Printed Custom Guides. Proceedings of the World Veterinary Orthopedic Congress, Snowmass, 2022

Evers JS, **Kim SE***, Johnson M. Accuracy of needle arthroscopy under sedation for diagnosis of medial meniscal tears in dogs with cranial cruciate ligament (CCL) rupture. Proceedings of the World Veterinary Orthopedic Congress, Snowmass, 2022

Evers JS, **Kim SE***. Use of a bone-to-tendon plate to stabilize a comminuted calcaneus fracture in a dog. Vet Surg. Proceedings of the World Veterinary Orthopedic Congress, Snowmass, 2022

Lazarus MA, **Kim SE***. Intra-articular Injection of a Dextran Polymer Combined with Antibiotics For Bacterial Infective Arthritis in Companion Animals: 15 cases. Proceedings of the Veterinary Orthopedic Society Meeting, Virtual Meeting, 2021

Peterson LC, **Kim SE***, Biedrzycki AH. Evaluation of a cylindric saw guide for tibial plateau leveling osteotomy: an ex-vivo study. Proceedings of the Veterinary Orthopedic Society Meeting, Virtual Meeting, 2021

de Moya K, Reppenhagen J, **Kim SE*.** Retrospective evaluation of follow-up adherence for dogs and cats that have undergone orthopedic surgery. Proceedings of the Veterinary Orthopedic Society Meeting, Virtual Meeting, 2021

DeArmond C, **Kim SE***, Lewis DD, Biedrzycki A, Banks SA, Cook JL, Keister JD. Three-dimensional-printed custom guides for bipolar coxofemoral osteochondral allograft in dogs. Proceedings of the Veterinary Orthopedic Society Meeting, Virtual Meeting, 2021

Peterson LC, **Kim SE***, Lewis DD, Johnson MD, Ferrigno C. Calcium Sulfate Antibiotic Impregnated Bead Implantation for the Treatment or Prevention of Deep Surgical Infection in Veterinary Medicine. Proceedings of the Veterinary Orthopedic Society Meeting, Sun Valley, ID, 2020

Peterson LC, **Kim SE***. Minimally Invasive Fixation of a Lateral Tibial Plateau Fracture in a Dog. Proceedings of the Veterinary Orthopedic Society Meeting, Sun Valley, ID, 2020

Peterson LC, Lewis DD, **Kim SE***. Interobserver Variability of Joint Orientation Lines in Dogs with Antebrachial Deformities. Proceedings of the Veterinary Orthopedic Society Meeting, Sun Valley, ID, 2020

Timko SE, Carvajal JL, Lewis DD, Lee HB, Biedrzycki AH, **Kim SE***. Accuracy of 3D printed subject-specific guides for canine total hip arthroplasty. Proceedings of the Veterinary Orthopedic Society Meeting, Sun Valley, ID, 2020 ****Presentation Award Winner****

DeArmond C, **Kim SE***, Lewis DD, Johnson MD, Biedrzycki A. Efficiency and Accuracy of 3D Printed Patient-Specific Guides for Angular Limb Deformity Correction in Dogs. Proceedings of the Veterinary Orthopedic Society Meeting, Breckenridge, CO, 2019

Castelli E, Lewis DD, **Kim SE**, Pozzi A. Outcome and complications following minimally invasive percutaneous carpal and tarsal arthrodesis in 24 dogs. Proceedings of the World Veterinary Orthopedic Congress, Barcelona, Spain, 2018

Cavalcanti JVJ, **Kim SE***. Retrospective evaluation of intra-articular proximal jig pin placement with tibial plateau leveling osteotomy. Proceedings of the Veterinary Orthopedic Society Meeting, Snowmass, CO, 2018

Tinga S, **Kim SE***, Pozzi A, Lewis DD, Conrad BP, Banks SA. In-Vivo Three-Dimensional Kinematics of Cranial Cruciate Ligament-Deficient Stifles Treated with Lateral Fabello-Tibial Suture Stabilization. Proceedings of the Americal College of Veterinary Surgeons Surgical Summit, Indianapolis, IN, 2017
****Presentation Award Winner****

Bascunan A, **Kim SE*,** Biedrycki A, Banks SA, Lewis DD. In vivo 3D stifle kinematics in goats with cranial cruciate ligament deficiency. Proceedings of the Veterinary Orthopedic Society Meeting, Snowbird, UT, 2017

Townsend S, **Kim SE**, Lewis DD, Tinga S. Comparison of Condylar Morphology in Normal and Cranial Cruciate Ligament Deficient Stifles of Dogs. Proceedings of the Veterinary Orthopedic Society Meeting, Snowbird, UT, 2017

Thibault AE, **Kim SE***, Tinga S, Banks SA. Morphometric analysis of tibial and femoral alignment in dogs with medial patellar luxation. Proceedings of the Veterinary Orthopedic Society Meeting, Big Sky, MT, 2016

Townsend S, **Kim SE***, Pozzi A. Technique-related risk factors for total hip replacement complications. Proceedings of the Veterinary Orthopedic Society Meeting, Big Sky, MT, 2016

Scarborough NL, Lewis DD, **Kim SE**, Carter AJ, Patt BE, Walsh WR, Christou C, Oliver RA. Evaluation of bone graft performance in a rabbit femur defect model. Proceedings of the Veterinary Orthopedic Society Meeting, Big Sky, MT, 2016

Zann G, **Kim SE***, Pozzi A. In-vivo patellofemoral kinematic patterns in dogs following tibial plateau leveling osteotomy. Proceedings of the American College of Veterinary Surgeons' Surgical Summit, Nashville, TN, 2015

Wallace ML, Ellison GW, Giglio RF, Batich C, Berry CR, Case JB, **Kim SE**. Attenuation of an intra-abdominal vein using a silicone/polyacrylic acid gradual venous occlusion device in dogs and cats: an in-vivo study. Proceedings of the American College of Veterinary Surgeons' Surgical Summit, Nashville, TN, 2015

Tinga S, **Kim SE***, Pozzi A, Lewis DD, Conrad BP, Banks SA. *In-vivo* femorotibial kinematics in dogs with cranial cruciate ligament rupture after tibial plateau leveling osteotomy. Proceedings of the Veterinary Orthopedic Society Scientific Meeting, Sun Valley, ID, 2015 ****Presentation Award Winner****

Dunlap A, **Kim SE***, Christopher SA, Pozzi A. Clinical outcome and complications of surgery for grade 4 medial patellar luxation in dogs. Proceedings of the Veterinary Orthopedic Society Scientific Meeting, Sun Valley, ID, 2015

Dunlap A, **Kim SE*,** McNicholas T. Comparison of the 'Whip-Stitch' and three-loop pulley suture patterns for common calcaneal tenorrhaphy in dogs. Proceedings of the Veterinary Orthopedic Society Scientific Meeting, Sun Valley, ID, 2015

Zann GJ, **Kim SE***, Pozzi A. In-vivo patellofemoral kinematic patterns in dogs with cranial cruciate ligament insufficiency. Proceedings of the Veterinary Orthopedic Society Scientific Meeting, Sun Valley, ID, 2015

Berglund I, Jacobs B, Allen J, **Kim SE**, Pozzi A, Allen K, Manuel M. Tissue response and degradation performance of a novel biodegradable Mg-Ca-Sr for Orthopedic Applications. Advanced Materials in Dental and Orthopedic Applications Symposium, Orlando, FL, 2014

Kim SE*, Lewis DD, Pozzi A, Case JB, Ellison GW. Perception of teaching and assessing technical proficiency in American College of Veterinary Surgeons' small animal surgery residency programs. American College of Veterinary Surgeons' Surgery Summit, San Diego, CA, 2014

Panjeton GD, Chang K, Palm LS, Ifju P, **Kim SE***. Use of 3D Digital Image Correlation in characterizing the deformation of acetabular cup components of canine total hip replacement. Medical Student Research Day, College of Medicine, University of Florida, FL, 2014

Christopher SA, **Kim SE**, Pozzi A. Prophylactic Cerclage Wire Fixation to Protect Against Torsion Induced Periprosthetic Femoral Fractures. Proceedings of the World Veterinary Orthopedic Congress Scientific Meeting, Breckenridge, CO, 2014

Boekhout CL, **Kim SE**, Cross AR, Pozzi A. Closed Reduction and Fluoroscopic Assisted Percutaneous Pinning of Physeal Fractures in 27 Dogs and 4 Cats. Proceedings of the World Veterinary Orthopedic Congress Scientific Meeting, Breckenridge, CO, 2014

Tinga S, **Kim SE***, Banks SA, Jones SC, Lewis DD, Pozzi A. Femorotibial kinematics in dogs with cranial cruciate ligament insufficiency: A three-dimensional in-vivo fluoroscopic analysis during walking. Proceedings of the World Veterinary Orthopedic Congress Scientific Meeting, Breckenridge, CO, 2014

Dan BJ, **Kim SE***, Christopher SA, Pozzi A. Comparing Ease of Use and Severity of Iatrogenic Articular Cartilage Damage Using the Meniscal Arthrex Knife and the Hook Knife for Arthroscopic Medial Meniscal Release in Canine Cadaver Stifles. Proceedings of the World Veterinary Orthopedic Congress Scientific Meeting, Breckenridge, CO, 2014

Moore EJ, **Kim SE***, Coggeshall J, Pozzi A. Normal Femoropatellar Kinematic Patterns during Daily Activities in Dogs. Proceedings of the World Veterinary Orthopedic Congress Scientific Meeting, Breckenridge, CO, 2014 ****Presentation Award Winner****

Tremolada G, Paragnani KL, **Kim SE**, Boero Baroncelli A, Coggeshall JD, Lewis DD, Pozzi A. Biomechanical Comparison of 3.5 Mm LCP and 3-3.5 Fixin Plate in a Plate-Rod Construct: A Dog Cadaveric Study. Proceedings of the World Veterinary Orthopedic Congress Scientific Meeting, Breckenridge, CO, 2014

Jones SC, **Kim SE***, Banks SA, Conrad BP, Tremolada G, Coggeshall JD, Abbasi A, Lewis DD, Pozzi A. In-Vivo Three-Dimensional Stifle Kinematics during Daily Activities in Dogs. Proceedings of the World Veterinary Orthopedic Congress Scientific Meeting, Breckenridge, CO, 2014 ****Presentation Award Winner****

Jones SC, **Kim SE***, Banks SA, Conrad BP, Tremolada G, Coggeshall JD, Abbasi A, Lewis DD, Pozzi A. In-Vivo Three-Dimensional Stifle Kinematics during Daily Activities in Dogs. Proceedings of the American College of Veterinary Surgeons Symposium, San Antonio, Tx, 2013

Tremolada G, Winter MD, **Kim SE**, Spreng D, Pozzi A. Static Stress Magnetic Resonance Imaging of the Canine Stifle: A Cadaveric Feasibility Study. Proceedings of the Veterinary Orthopedic Society Scientific Meeting, Park City, UT, 2013

Coggeshall J, Lewis DD, **Kim SE**, Conrad BP, Pozzi A. Biomechanical Comparison of Two Transcondylar Positional Implants Utilized for Stabilization of an Incomplete Ossification of the Humeral Condyle Model. Proceedings of the Veterinary Orthopedic Society Scientific Meeting, Park City, UT, 2013

Montgomery ML, **Kim SE***, Pozzi A. Effect of Dorsal Acetabular Rim Loss On the Stability of Cementless Acetabular Cups: An Ex-Vivo Analysis. Proceedings of the Veterinary Orthopedic Society Scientific Meeting, Park City, UT, 2013

Jones SC, **Kim SE***, Tremolada G, Abbasi AZ, Lewis DD, Conrad BP, Banks SA, Pozzi A. Accuracy of Measuring Three-Dimensional Femorotibial Joint Poses in Tibial Plateau Leveling Osteotomy Treated Dogs Using Non-Invasive, Fluoroscopic Kinematic Analysis. Proceedings of the Veterinary Orthopedic Society Scientific Meeting, Park City, UT, 2013 ****Presentation Award Winner****

Jones SC, **Kim SE***, Tremolada G, Abbasi AZ, Lewis DD, Conrad BP, Banks SA, Pozzi A. Accuracy of Measuring Three-Dimensional Femorotibial Joint Poses in Dogs Using Non-Invasive, Single-Plane Fluoroscopic Kinematic Analysis. Proceedings of the Veterinary Orthopedic Society Scientific Meeting, Park City, UT, 2013

Hudson CC, Choate CJ, **Kim SE**, Pozzi A. Contact Mechanics of the Osteochondral Autograft Transfer System for Treatment of Simulated Lateral Femoral Condylar Articular Cartilage Defects With and Without Lateral Meniscectomy. Proceedings of the Veterinary Orthopedic Society Scientific Meeting, Crested Butte, CO, 2012

Skinner OT, **Kim SE**, Pozzi A, Lewis DD. In-vivo femorotibial alignment during conscious weight-bearing after tibial tuberosity advancement. Proceedings of the Veterinary Orthopedic Society Scientific Meeting, Crested Butte, CO, 2012

Cuddy LC, Pozzi A, Lewis DD, Conrad BP, Horodyski MB, **Kim SE**, Fitzpatrick N. Effect of proximal rotational ulnar osteotomy on ex-vivo elbow contact mechanics and three-dimensional kinematics in dogs. Proceedings of the American College of Veterinary Surgeons Symposium Chicago, IL, 2011.

Cuddy LC, Pozzi A, Lewis DD, **Kim SE**, Conrad BP, Horodyski M, Banks SA, Fitzpatrick N. Contact Mechanics of Normal Dog Elbows: An Ex-Vivo Study. Proceedings of the Veterinary Orthopedic Society Scientific Meeting, Snowmass, CO, 2011.

Kim SE*, Lewis DD, Pozzi A, Winter MD. Effect of tibial plateau leveling osteotomy on femorotibial subluxation: in vivo analysis during standing. Proceedings of the American College of Veterinary Surgeons Symposium, Seattle, WA, 2010.

Kim SE*, Lewis DD, Pozzi A, Seibert RL, Winter MD. Radiographic quantitative assessment of cranial tibial subluxation before and after tibial plateau leveling osteotomy. Proceedings of the Veterinary Orthopedic Society Scientific Meeting, Breckenridge, CO, 2010.

Kim SE*, Lewis DD, Pozzi A, Winter MD. Effect of tibial plateau leveling osteotomy on femorotibial subluxation: in vivo analysis during standing. Proceedings of the Veterinary Orthopedic Society Scientific Meeting, Breckenridge, CO, 2010.

Kim SE*, Pozzi A, Banks SA, Lewis DD, Conrad BP: Effect of tibial tuberosity advancement and tibial plateau leveling osteotomy on three-dimensional stifle kinematics: an ex-vivo study. Vet Surg 37(6):E18, 2008.

Pozzi A, **Kim SE**, Banks SA, Conrad BP, Fregly BJ, Lewis DD: Ex-vivo pathomechanics of the Pond-Nuki model. Proceedings of the Veterinary Orthopedic Society Scientific Meeting, Big Sky, MT, 2008. ****Presentation Award Winner****

Kim SE*, Pozzi A, Banks SA, Lewis DD, Conrad BP: Effect of tibial tuberosity advancement and tibial plateau leveling osteotomy on stifle contact mechanics. Proceedings of the Veterinary Orthopedic Society Scientific Meeting, Big Sky, MT, 2008.

Kim SE*, Liptak JM, Gall TT, Montieth GJ, Woods JP: Retrospective analysis of the efficacy and toxicity adjuvant epirubicin for dogs with splenic hemangiosarcoma. J Vet Int Med 20(3):717, 2006.

Book Chapters

Kim SE, Hudson CC, Pozzi A. Meniscectomy and Meniscal Repair In: Schulz K (ed). Canine and Feline Arthrology and Arthroscopy, Elselvier, 2024

Tinga S, **Kim SE**. Extracapsular Repair. In: Muir P (ed). Advances in Veterinary Surgery. The Canine Cranial Cruciate Ligament, 2nd edition, Wiley Blackwell, 2017

Kim SE. Stress Imaging of the Stifle. In: Muir P (ed). Advances in Veterinary Surgery. The Canine Cranial Cruciate Ligament, 2nd edition, Wiley Blackwell, 2017

Pozzi A, **Kim SE,** Tinga S. Biomechanics of the cranial cruciate ligament deficient stifle treated by tibial osteotomies. In: Muir P (ed). Advances in Veterinary Surgery. The Canine Cranial Cruciate Ligament, 2nd edition, Wiley Blackwell, 2017

Pozzi A, **Kim SE.** Open vs arthroscopic examination of the stifle. In: Griffon D, Hamaide A (eds). Complications in Small Animal Surgery, 2nd edition, Wiley, 2015

Pozzi A, **Kim SE**. Minimally invasive osteosynthesis In: Gemmil T and Clements D (eds). BSAVA Manual of Canine and Feline Fracture Repair and Management, 2nd edition. BSAVA, 2015

Kim SE. Contributing Author in: Lewis DD, Langley-Hobbs SJ (eds). Self-Assessment Colour Review of Orthopedics, Rheumatology and Musculoskeletal Disorders. Manson Publishing, 2014

Pozzi A, **Kim SE**. Biomechanics of the cranial cruciate ligament deficient stifle treated by tibial osteotomies. In: Muir P (ed). Advances in Veterinary Surgery. The Canine Cranial Cruciate Ligament. Wiley Blackwell, 2010.

Pozzi A, **Kim SE**. Kinematics of the normal and cranial cruciate ligament deficient stifle. In: Muir P (ed). Advances in Veterinary Surgery. The Canine Cranial Cruciate Ligament. Wiley Blackwell, 2010.

Awards and Honours

2022 World Expert Rank (The highest rated global expert in the Stifle, and Top 0.1% of scholars writing on the Stifle 2011-2021), Expertscape.com

2018 Term Professorship Award, University of Florida

Alumni Achievement Award, College of Veterinary Medicine, University of Florida

2017 Zoetis Distinguished Veterinary Teacher Award, College of Veterinary Medicine, University of Florida

2016 Small Animal (Core) Clinician of the Year Award, College of Veterinary Medicine, University of Florida

CE Cornelius Young Investigator Award, College of Veterinary Medicine, University of Florida

Technology Innovator Award, University of Florida

2014 Clinical Investigator Award, College of Veterinary Medicine, University of Florida

2010 American Association of Veterinary Clinicians Annual Residents' Award

Second Place, Resident Clinical Research Presentation Award, Annual Symposium of the American College of Veterinary Surgeons

Best Resident Clinical Research Presentation, Veterinary Orthopedic Society Annual Meeting

Mark S. Bloomberg Award, Veterinary Orthopedic Society Annual Meeting

2009 Resident Research Publication Award, Honourable Mention, Annual Symposium of the American College of Veterinary Surgeons

2008 Excellence in Master's Studies, College of Veterinary Medicine, University of Florida

First Place Resident Research Presentation Award, Annual Symposium of the American College of Veterinary Surgeons

Resident Research Award, VA3 Arthrex Arthrology Meeting

Best Resident Presentation, Veterinary Orthopedic Society Annual Meeting

Mark S. Bloomberg Award, Veterinary Orthopedic Society Annual Meeting

2007 Best Podium Presentation, Phi Zeta Research Emphasis Day, College of Veterinary Medicine, University of Florida

2003 Thomas Julius Szigethy Bursary, University of Sydney

2002 Dean's List, Faculty of Veterinary Science, University of Sydney

W.R. Sidman Memorial Prize (small animal clinical studies), University of Sydney

2001 John R. Mercer Bursary, University of Sydney

Teaching Experience

VME 6934: Advanced Small Animal Arthrology in Dogs and Cats
2 lectures: Traumatic Stifle Injury, Traumatic Hip Injury
Instructor: Spring 2022

VME 6934: Advanced Small Animal Fracture Management
2 lectures: Interlocking nails, infected and nonunion fractures
Instructor: Spring 2021

VME 6934: Developmental and Acquired Small Animal Orthopedic Diseases
2 lectures: Hip dysplasia, total hip replacement
Spring 2020, 2024

VME 6714C Small Animal Orthopedic Minimally Invasive Surgery
6 lectures: Introduction to arthroscopy, fundamental skills of small animal arthroscopy, elbow arthroscopy, shoulder arthroscopy, stifle arthroscopy
4 laboratories: Dry laboratory, elbow arthroscopy, shoulder arthroscopy, stifle arthroscopy
Course Coordinator: Spring 2019, 2023

VEM 5433L: Advanced Small Animal Surgery Laboratory, University of Florida
8 laboratory contact hours/week;
Fall 2007 – present
Course Coordinator: Fall 2015 - present

VEM 5432: Advance Small Animal Surgery, University of Florida
7 lectures: Muscle and Tendon Injury; Joint Luxations (3 lectures); Cranial Cruciate Ligament Rupture, Hip Dysplasia, Interactive Teaching Session
Instructor: Fall 2007 – present

VEM 5745: Small Animal Surgery Clinical Core, University of Florida
40 clinical contact hours/week;
Instructor: 2007 - present

VEM 5402: Introduction to Surgery of Domestic Animals, University of Florida
8 laboratory contact hours/week;
4 lectures: Aseptic technique, Surgical hemostasis, Suture materials, Perioperative management
Instructor: Spring 2008 - present

VEM 5440: Fundamentals of Small Animal Orthopedics, University of Florida
1 hour lecture (Developmental forelimb disorders), Spring 2012 – present
Instructor: 2 hour lecture (Common hindlimb disorders in dogs), Spring 2015 - present

VEM 5101: Dog Anatomy, University of Florida
Teaching Assistant; 15 laboratory contact hours/week;
1 hour lecture (Anatomy of the Larynx) Fall 2007

Trainees

Term	Name	Position	Current Position
2024-2025	Harrison Ramsey	Intern	Intern
2022-2025	Elaina Peterson	DVM student	DVM Student
2022-2025	Sam Higgins	DVM student	DVM Student
2022-2025	Karly Souders	DVM student	DVM Student
2023-2024	Kerry Simon	Intern	Intern
2023-2025	MuYoung Kim	Research Associate	Faculty, Konkuk University
2022-2024	John Hanlon	Resident, MS Student	Resident, MS Student
2022-2026	Parisa Mazdarani	PhD Student	PhD Student
2021-2022	Johanna Evers	Research Associate	Surgical Intern
2018-2022	Sarah Timko	DVM Student	Pathology Resident, MSU
2020-2021	Matthew Lazarus	Research Associate	General Practice
2018-2021	Annellie Miller	DVM Student	Resident, UF
2017-2020	Kevin De Moya	DVM Student	Resident, CSU
2019-2020	Lindsay Peterson	Research Fellow	Private Practice DACVS
2017-2020	Valentine Verpaalen	Resident	Asst Professor, UGA
2017-2020	Christina DeArmond	Resident, MS Student	Private Practice DACVS
2015-2017	Jo Anne Au Yong	Research Fellow	Private Practice DACVS
2015-2017	Ana Bascunan	Resident, MS Student	Private Practice DACVS
2014-2016	Amy Thibault	DVM Student	Private Practice DACVIM

2015-2016	Sarah Townsend	Research Fellow	Private Practice DACVS
2014-2015	Anna Dunlap	Research Fellow	Private Practice DACVS
2014-2017	Geof Zann	DVM Student	Private Practice DACVS
2014-2016	Erica Moore	DVM Student	Unknown
2013-2018	Selena Tinga	Resident, PhD Student	Asst Professor Cornell
2013-2014	Brittany Ceipluch (Dan)	Intern	Clin Asst Professor VT
2013-2016	Mandy Wallace	Resident	Assoc Professor UGA
2011-2014	Stephen Jones	Resident, MS Student	Private Practice DACVS
2011-2012	Jacob Rubin	Intern	Private Practice DACVS
2009-2012	Jessica Burgess	DVM Student	General practice

Examples of Awards by Trainees During Mentorship

John Hanlon	2024	Best Resident Podium Presentation, Veterinary Orthopedic Society Meeting Mark S. Bloomberg Award, Veterinary Orthopedic Society Meeting
MuYoung Kim	2024	Best Research Poster Presentation, Veterinary Orthopedic Society Meeting
Sarah Timko	2020	Best Poster Presentation, Veterinary Orthopedic Society Meeting
Christina DeArmond	2019	Mark S. Bloomberg Award, Veterinary Orthopedic Society Meeting
Ana Bascunan	2017	First Place Best in Show Research Award, UF College of Vet Medicine
Mandy Wallace	2016	American Association of Veterinary Clinicians Annual Residents' Award
Stephen Jones	2015	UF CVM Excellence in the MS Program Award Blackwell-King Resident of the Year
	2014	Best Podium Presentation, World Veterinary Orthopedic Congress Scientific Meeting Mark S. Bloomberg Award, World Veterinary Orthopedic Congress Scientific Meeting
	2013	Best Poster Presentation, Veterinary Orthopedic Society Meeting Resident Research Award, Veterinary Arthrology Advancement Association Honorary Mention, Podium Presentation, ACVS Symposium
Selena Tinga	2018	Second Place, Best in Show Research Award, UF College of Vet Medicine
	2017	First Place Resident Research Presentation Award, Annual Symposium of the American College of Veterinary Surgeons
	2015	Best Podium Presentation, Veterinary Orthopedic Society Meeting Mark S. Bloomberg Award, Veterinary Orthopedic Society Meeting
Erica Moore	2014	Best Poster Presentation, World Veterinary Orthopedic Congress Scientific Meeting Merial Veterinary Scholar
Geof Zann	2015	Merial Veterinary Scholar Research Award (National Prize)
	2014	Merial Veterinary Scholar
Amy Thibault	2015	Merial Veterinary Scholar

Ad Hoc Peer Reviewer

American Journal of Veterinary Research
Annals of Anatomy
Annals of Biomedical Engineering
ASABE Applied Engineering in Agriculture
Australian Veterinary Journal
BMC Veterinary Research
Clinical Orthopedics and Related Research
Journal of the American Veterinary Medical Association
Journal of Knee Surgery
Journal of Orthopedic Research (*recognized as a JOR Top Reviewer 2019)
Journal of Small Animal Practice
Open Veterinary Journal
Veterinary Anaesthesia and Analgesia
Veterinary Comparative Orthopedics and Traumatology
The Veterinary Journal
Veterinary Record
Veterinary Surgery

Service and Committee Appointments

Service Chief, Orthopedic Surgery Section, College of Veterinary Medicine, University of Florida, 2024-present

Scientific Chair, Veterinary Orthopedic Society, 2023-2024

Assistant Scientific Chair, Veterinary Orthopedic Society, 2020-2022

Associate Editor, Veterinary Surgery, 2017-2023

Editorial Review Board Member, Journal of Orthopedic Research, 2019-present

Board Member, Veterinary Arthrology Advancement Association Education Foundation, 2021

Member, ACVS Joint Replacement Surgery Fellowship Oversight Committee, 2023-present

Chair, MS committee for John Hanlon, College of Veterinary Medicine, University of Florida, 2022-2024
Chair, PhD committee for Parisa Mazdarani, College of Veterinary Medicine, University of Florida, 2021-2026
Chair, MS committee for Christina DeArmond, College of Veterinary Medicine, University of Florida, 2012-2014
Chair, MS committee for Stephen Jones, College of Veterinary Medicine, University of Florida, 2012-2014
Chair, PhD committee for Selena Tinga, College of Veterinary Medicine, University of Florida, 2013-2018
Chair, MS committee for Ana Bascunan, College of Veterinary Medicine, University of Florida, 2015-2017

Member, PhD committee for Grace Matassa, College of Veterinary Medicine, University of Florida, 2020-present
Member, MS committee for Jacqueline Lubanski, College of Veterinary Medicine, University of Florida, 2023-present
Member, MS committee for Samantha Ali, Biomedical Engineering, University of Florida, 2021-2022
Member, PhD committee for Tolu Ajayi, Biomedical Engineering, University of Florida, 2020-2023

Member, PhD committee for Duloc He, College of Veterinary Medicine, University of Florida, 2020-2023
Member, MS Committee for Logan Scheuermann, College of Veterinary Medicine, University of Florida 2020-202
Member, MS Committee for Mandy Wallace, College of Veterinary Medicine, University of Florida 2013-2015
Member, PhD committee for Emily Lakes, Biomedical Engineering, University of Florida, 2013-2017
Member, PhD committee for Brittany Jacobs, Biomedical Engineering, University of Florida, 2013-2017
External Examiner, MS thesis for Katherine Mitchell, Faculty of Veterinary and Agricultural Sciences, University of Melbourne, 2017

Director, Boehringer-Ingelheim Summer Scholar's Program committee, University of Florida, 2016-2019

Member, admissions committee, College of Veterinary Medicine, University of Florida, 2020-2023
Member, residency and internship committee, College of Veterinary Medicine, University of Florida, 2015-2016
Member, research committee, American College of Veterinary Surgeons 2011-2014
Member, research committee, College of Veterinary Medicine, University of Florida 2011-2012
Member, infection control task force, College of Veterinary Medicine, University of Florida 2011-2014
Member, Merial Summer Scholar's Program committee, University of Florida, 2014-2016
Member, search committee for small animal clinical sciences department chair, University of Florida 2017
Member, search committee for small animal surgery faculty, University of Florida 2015
Member, search committee for small animal neurology faculty, University of Florida 2014
Member, search committee for small animal rehabilitation faculty, University of Florida 2013

Session Chair, Joint Replacement Working Group, American College of Veterinary Surgeons Surgical Summit 2023
Session Chair, Joint Replacement, American College of Veterinary Surgeons Surgical Summit 2023
Session Chair, Stifle Surgery, American College of Veterinary Surgeons Surgical Summit 2016
Session Chair, State of the Art in Stifle Surgery 1 and 2, Veterinary Orthopedic Society Meeting 2014

Veterinary Surgeon Advisory Board, Theracell Vet 2015-2017

Professional Development

2024 Invited Participant, TATE Elbow and Ankle Course, Movora Lab, Boston, MA

2018 Invited Faculty, Arthrex Vet Systems Total Hip Arthroplasty Training (one-day course), Naples, FL

2012 Biomedtrix Universal Total Hip Replacement Workshop (two-day course), Gainesville, FL
Biomedtrix Total Knee Replacement Workshop (one-day course), Gainesville, FL

2009 Arthrex Resident Course: Introduction to Small Animal Arthroscopy (two-day short course), Scottsdale, AZ

2008 Principles of the Fixin Plate Fixation System (one-day short course), Gainesville, FL

2007 Sliding Humeral Osteotomy Laboratory (one-day short course), Gainesville, FL
Principles of String-of-Pearls Interlocking Plate Fixation (half-day short course), Gainesville, FL
AO Principles of Small Animal Fracture Management (three-day short course), Columbus, OH

Invited Presentations and Courses for Continuing Education

2024 Metropolitan Veterinary Associates Residents Course (one day course). Arthrolab, Naples, FL

Training Program Advancements. Veterinary Orthopedic Technology and Innovation Forum. Arthrex Vet Systems, Arthrolab, Naples, FL

Mastering Pelvic & Femur Traumatology. Arthrex Vet Systems, Arthrolab, Naples, FL

New strategies for acetabular fracture repair. European Society for Veterinary Orthopedics and Traumatology Meeting, Lisbon, Portugal

Total hip replacement for luxoid hip dysplasia. European Society for Veterinary Orthopedics and Traumatology Meeting, Lisbon, Portugal

A complete introduction to bone plating. Translational Medical Institute, Colorado State University, Fort Collins, CO

Slow-release antibiotic delivery for surgical site infections. American College of Veterinary Surgeons Surgical Summit, Phoenix, AZ

Lead instructor: Basic canine arthroscopy (2 day course). Translational Medical Institute, Colorado State University, Fort Collins, CO

2023 Lead (sole) instructor: Tibial plateau leveling osteotomy in small breed dogs (one day course). Chungnam University, Daejeon, South Korea

What's new with cranial cruciate ligament rupture? Seoul, South Korea

How I treat medial patellar luxation and cranial cruciate ligament rupture. Seoul, South Korea

My TPLO surgical technique. Seoul, South Korea

Diagnosis and management of nonunion fractures. Seoul, South Korea

Lead (sole) instructor: Small Animal Arthroscopy (one day course). Seoul, South Korea

Ethos Animal Health Arthroscopy course. Arthrolab, Naples, FL

Lead instructor: TPLO course (2 days). Arthrex, Phoenix, AZ

Early Experiences with ACVS Joint Replacement Surgery Fellowship Training. American College of Veterinary Surgeons Surgical Summit, Louisville, KY

CCLR: Special Consideration of the Working/Sporting Dog. American College of Veterinary Surgeons Surgical Summit, Louisville, KY

Stifle Arthroscopy course (3 days). Arthrex, San Francisco, CA

Lead instructor: Basic canine arthroscopy (2 day course). Translational Medical Institute, Colorado State University, Fort Collins, CO

2022 Treatment of Hip Luxation: Improve your decision-making. British Veterinary Orthopedic Association, Leeds, United Kingdom

Medial Meniscal Tears - do they really hurt? British Veterinary Orthopedic Association, Leeds, United Kingdom

Optimizing outcomes with TPLO. British Veterinary Orthopedic Association, Leeds, United Kingdom

Minimally invasive fracture repair: Is it really worth it? British Veterinary Orthopedic Association, Leeds, United Kingdom

Tibial plateau levelling osteotomy instructional course. Arthrex Vet Systems, San Diego, CA

"Eyeful for the Stifle" Basic Stifle Arthroscopy Course, Viticus Group, Las Vegas, NV

VA3 Education Foundation Senior Veterinary Resident Arthroscopy Course. Arthrolab, Naples, FL

VA3 Education Foundation Junior Veterinary Resident Arthroscopy Course. Arthrolab, Naples, FL

2021 ACVS Small Animal Residents' Workshop Webinar. ACVS Online CE, Virtual Meeting

The dichotomy between clinical outcomes and joint stability after CCL surgery. Royal College of Veterinary Surgeons Canine Cruciate Registry Launch, Virtual Meeting

VA3 Education Foundation Senior Veterinary Resident Arthroscopy Course. Arthrolab, Naples, FL

Fracture Case Discussion: What Would You Do? VMX Conference, Orlando, FL

Reduction Techniques for Common Dislocations. VMX Conference, Orlando, FL

Promising New Treatment Options for Elbow Dysplasia VMX Conference, Orlando, FL

When Orthopedic Surgery Makes Things Worse VMX Conference, Orlando, FL

No More Tape Muzzles: Introducing the BEARD Implant VMX Conference, Orlando, FL

2020 An update on the treatment of orthopedic infections. Kerrier Webinar

How Did I Miss That? Avoiding Orthopedic Misdiagnosis. VMX Conference, Orlando, FL

Hip Dysplasia Treatment: Improve Your Decision-Making. VMX Conference, Orlando, FL

Orthopedic Surgery in General Practice: How to Maximize Success. VMX Conference, Orlando, FL

Stifle Examination: Quick Practical Tips. VMX Conference, Orlando, FL

Updates on Tibial Tuberosity Advancement (TTA). VMX Conference, Orlando, FL

Stifle Disorders - Ignore, Treat, or Refer? VMX Conference, Orlando, FL

2019 Tibial plateau leveling osteotomy course. VetAdvance CE, University of Florida, Gainesville, FL

Advanced fracture repair course. CSAVS, Nanjing, China

Advanced tibial plateau levelling osteotomy course. Oquendo Center, Las Vegas NV

Update on the treatment of cranial cruciate ligament rupture. Florida Veterinary Medical Association Conference, Tampa, FL

The canine elbow: are we recognizing problems early enough? Florida Veterinary Medical Association Conference, Tampa, FL

Essential tips to improve your orthopaedic examination. Florida Veterinary Medical Association Conference, Tampa, FL

Surgical site infections: Prevention, recognition, management. Florida Veterinary Medical Association Conference, Tampa, FL

Lateral suture stabilization wet lab. Florida Veterinary Medical Association Conference, Tampa, FL

Medial patellar luxation surgery wet lab. Florida Veterinary Medical Association Conference, Tampa, FL

Fracture repair for toy breed dogs and cats. Instructional course. VetPrac, Gatton, QLD, Australia

Tibial plateau levelling osteotomy course. Oquendo Center, Las Vegas NV

Should I Repair This Fracture? Case Discussion. VMX Conference, Orlando, FL

Cranial Cruciate Disease Options: Conservative versus Surgical Management. VMX Conference, Orlando, FL

Common Orthopedic Errors to Avoid in General Practice. VMX Conference, Orlando, FL

Severe Arthritis: What are the Latest Options? VMX Conference, Orlando, FL

Tramadol and Gabapentin: Do They Work? VMX Conference, Orlando, FL

2018 Principles of fracture repair course. Veterinary Orthopedic Instrumentation, North Carolina State University, Raleigh, NC

Biomechanics of the normal and cranial cruciate ligament deficient stifle. American College of Veterinary Surgeons Surgical Summit, Phoenix, AZ

Competencies in resident training: Design thinking. American College of Veterinary Surgeons Surgical Summit, Phoenix, AZ

Writing a good review of manuscripts for Veterinary Surgery. American College of Veterinary Surgeons Surgical Summit, Phoenix, AZ

Treatment and outcome of infection in total hip arthroplasty. American College of Veterinary Surgeons Surgical Summit, Phoenix, AZ

Femoral stem subsidence. Biomedtrix Total Joint Conference, Chicago, IL

Tibial plateau levelling osteotomy instructional course. Improve International, Miami, FL

Arthroscopy instructional course. Improve International, Miami, FL

Surgical site infections: Prevention, Recognition and Management. Veterinary Specialist Services Conference, Brisbane, Australia

Joint Replacements: Are they worth it? Veterinary Specialist Services Conference, Brisbane, Australia

An update on cranial cruciate ligament rupture. Veterinary Specialist Services Conference, Brisbane, Australia

Tips and tricks for improving your orthopaedic exam. Veterinary Specialist Services Conference, Brisbane, Australia

Challenges and innovations in teaching veterinary surgery. Veterinary Specialist Services Conference, Brisbane, Australia

Medial coronoid process disease: Interpreting the latest evidence. Veterinary Specialist Services Conference, Brisbane, Australia

Tips and tricks for improving your orthopaedic exam. VMX Conference, Orlando, FL

Executing the perfect femoral head and neck ostectomy every time. VMX Conference, Orlando, FL

Joint radiography: Avoid misdiagnoses by stressing the joints. VMX Conference, Orlando, FL

Long-acting antibiotics for post-operative prophylaxis: is it worth it? VMX Conference, Orlando, FL

Conservative management of orthopaedic disease: exposing the myths. VMX Conference, Orlando, FL

Decision-making for polytrauma. VMX Conference, Orlando, FL

Improve your confidence with diagnostic joint taps. VMX Conference, Orlando, FL

The medial meniscus: when to leave, when to treat, when to repair. VMX Conference, Orlando, FL

To cut or not to cut: regenerative medicine vs surgery for musculoskeletal disease. VMX Conference, Orlando, FL

2017 Orthopedic infections. Southern European Veterinary Conference, Barcelona, Spain

Minimally invasive fracture repair. Southern European Veterinary Conference, Barcelona, Spain

Stifle complications. Southern European Veterinary Conference, Barcelona, Spain

How I treat hip luxations. Southern European Veterinary Conference, Barcelona, Spain

Surgical site infection panel. American College of Veterinary Surgeons Surgical Summit, Indianapolis, IN

Bone Infections: Why do they occur and how can they be treated successfully? Western Veterinary Conference, Las Vegas, NV

The Elusive Meniscus: Treatment Options and Expected Outcomes. Western Veterinary Conference, Las Vegas, NV

Medial Patellar Luxation: Treatment and Case Selection in Dogs and Cats. Western Veterinary Conference, Las Vegas, NV

Decision Making in the Treatment of Traumatic Hip Dislocation in Dogs and Cats. Western Veterinary Conference, Las Vegas, NV

Laboratory Instructor: Orthopedic Problems in Toy Breed Dogs, Western Veterinary Conference, Las Vegas, NV

Cranial Cruciate Ligament Repair- Case discussions. North Shore Veterinary Hospitals, Referring Veterinarian Seminars, Sydney, NSW, Australia

2016 General approach to MIPO in Orthopedic Trauma Patients. American College of Veterinary Surgeons' Surgery Summit, Seattle, WA

2015 Total joint Arthroplasty Infections: Salvage or Explant? American College of Veterinary Surgeons' Surgery Summit, Nashville, TN

Femoral Fracture Repair: Tips for Preventing Malalignment. American College of Veterinary Surgeons' Surgery Summit, Nashville, TN

TPLO is the New Lateral Suture: Evidence That We Should Do Better. American College of Veterinary Surgeons' Surgery Summit, Nashville, TN

Canine Elbow: Are We Recognizing Problems Early Enough. American College of Veterinary Surgeons' Surgery Summit, Nashville, TN

Cranial Cruciate Repair: Case Discussions. American College of Veterinary Surgeons' Surgery Summit, Nashville, TN

Medial Coronoid Process Disease: My Treatment Algorithm & Why. American College of Veterinary Surgeons' Surgery Summit, Nashville, TN

An update on the pathomechanics of cranial cruciate ligament rupture. Association for Veterinary Orthopedic Research and Education Meeting, San Diego, CA

Treatment of cranial cruciate ligament rupture: theory vs reality. Association for Veterinary Orthopedic Research and Education Meeting, San Diego, CA

The medial meniscus debate: what is the latest evidence? Association for Veterinary Orthopedic Research and Education Meeting, San Diego, CA

The pivot shift. Association for Veterinary Orthopedic Research and Education Meeting, San Diego, CA

The patellofemoral joint and cranial cruciate ligament rupture. Association for Veterinary Orthopedic Research and Education Meeting, San Diego, CA

Outcomes of grade 4 medial patellar luxation. Association for Veterinary Orthopedic Research and Education Meeting, San Diego, CA

Recent biomechanical studies on canine total hip replacement. Association for Veterinary Orthopedic Research and Education Meeting, San Diego, CA

Perception of teaching and assessing technical proficiency in ACVS small animal surgery residency programs. Association for Veterinary Orthopedic Research and Education Meeting, San Diego, CA

2014 Predicting Persistent Stifle Instability. World Veterinary Orthopedic Congress Scientific Meeting, Breckenridge, CO

Treatment of cranial cruciate ligament rupture: theory vs reality. Invited Seminar, University of Sydney, NSW, Australia

Advanced Cranial Cruciate Ligament Cases. American College of Veterinary Surgeons Surgical Summit, San Diego, CA

Minimally invasive surgery panel. American College of Veterinary Surgeons Surgical Summit, San Diego, CA

TTA-2- An Update. American College of Veterinary Surgeons Surgical Summit, San Diego, CA

Tibial Tuberosity Advancement and TTA-2 Instructional Course, Western Veterinary Conference, Las Vegas, NV

Closed Reduction of Hip Luxations, How I Treat… Surgical, North American Veterinary Conference, Orlando, FL

Orthopedic Cases YOU can do in YOUR Practice, Small Animal Surgery Session, North American Veterinary Conference, Orlando, FL

Patellar Luxation: When to Ignore, When to Treat, & When to Run!, Small Animal Surgery Session, North American Veterinary Conference, Orlando, FL

Spontaneous Septic Arthritis: The Great Pretender, Small Animal Surgery Session, North American Veterinary Conference, Orlando, FL

TPLO vs TTA – Current State of Knowledge and How Do We Decide, American College of Veterinary Surgeons Session, North American Veterinary Conference, Orlando, FL

Disaster Avoidance with Pins and Wires in Fracture Treatment, Small Animal Surgery Session, North American Veterinary Conference, Orlando, FL

Forelimb Disorders I: Diagnosis and Management of Shoulder Conditions I, Surgery-Orthopedic Session, Western Veterinary Conference, Las Vegas NV

Forelimb Disorders II: Diagnosis and Management of Shoulder Conditions II, Surgery-Orthopedic Session, Western Veterinary Conference, Las Vegas NV

Forelimb Disorders VI: Carpal Hyperextension Injury, Surgery-Orthopedic Session, Western Veterinary Conference, Las Vegas NV

Forelimb Disorders : Diagnosis and Management of Shoulder Conditions II, Surgery-Orthopedic Session, Western Veterinary Conference, Las Vegas NV

Joint Sprain and Muscle Tendon Injury, Surgery-Orthopedic Session, Western Veterinary Conference, Las Vegas NV

Rear Limb Disorders II : Diagnosis and Management of Hip Disorders, Surgery-Orthopedic Session, Western Veterinary Conference, Las Vegas NV

Rear Limb Disorders IV : Diagnosis and Management of Stifle Disorders- Meniscus Injury, Surgery-Orthopedic Session, Western Veterinary Conference, Las Vegas NV

Rear Limb Disorders VI: Diagnosis and Management of Tarsal Disorders, Surgery-Orthopedic Session, Western Veterinary Conference, Las Vegas NV

Total ear canal ablation. Referring veterinarian appreciation day, University of Florida, Gainesville, FL 2014

Tibial Tuberosity Advancement Instructional Course, Western Veterinary Conference, Las Vegas, NV

Medial Patellar Luxation Surgery Instructional Course, Western Veterinary Conference, Las Vegas, NV

2013 Advanced soft tissue case work-up: Computed tomographic angiography for portosystemic shunts. American College of Veterinary Surgeons Symposium Special Session, San Antonio TX

Locking plate Small Group Panel, American College of Veterinary Surgeons Symposium, San Antonio, TX

Therapeutic Options for Dogs with Cranial Cruciate Ligament Insufficiency Mark S. Bloomberg Lecture, Sports Medicine Symposium, North American Veterinary Conference, Orlando, FL

Distal Femoral Wedge Ostectomy for the Correction of Patellar Luxations Veterinary Orthopedic Society Session, North American Veterinary Conference, Orlando, FL

Percutaneous Pinning for Fracture Stabilization Veterinary Orthopedic Society Session, North American Veterinary Conference, Orlando, FL

Panel Member: Focus of Research and Scholarship Session; Q&A with American Association of Veterinary Clinicians Resident (AAVC) Award Winners; AAVS Residents' Conference Program, Atlanta, GA

2012 Fixin Plate Fixation Mini-Course; Gainesville, FL

IMEX Small Animal Surgery Residents' Hybrid/Circular External Skeletal Fixation Course; Gainesville, FL

Tibial Tuberosity Advancement Instructional Course, Western Veterinary Conference, Las Vegas, NV

Panel Member: Focus of Research and Scholarship Session; Q&A with American Association of Veterinary Clinicians Resident (AAVC) Award Winners; AAVS Residents' Conference Program, Atlanta, GA

An Update on Management of Cranial Cruciate Ligament Rupture. University of Florida Referring Veterinarian Continuing Education Seminar, University of Florida, Gainesville, FL

An update on clinical orthopaedic research at the Small Animal Hospital. Referring veterinarian appreciation day, University of Florida, Gainesville, FL

2011 Tibial Plateau Leveling Osteotomy Instructional Course, European Society of Veterinary Orthopedics and Traumatology, Lyon, France

Tibial Tuberosity Advancement Master Class, Kyon, Hong Kong

Tibial Tuberosity Advancement Instructional Course, Western Veterinary Conference, Las Vegas, NV

2010 Juvenile pubic symphysiodesis. Referring veterinarian appreciation day, University of Florida, Gainesville, FL

2009 Tibial Tuberosity Advancement Instructional Course, Animal Hospital Specialty Center, Highlands Ranch, CO

2008 Tibial Tuberosity Advancement: Biomechanical Principles and Clinical Outcomes. 1 hour lecture, Continuing Education Program, University of São Paulo, São Paulo, Brazil

Tibial Plateau Leveling Osteotomy Instructional Course, University of São Paulo, São Paulo, Brazil

Tibial Plateau Leveling Osteotomy versus Tibial Tuberosity Advancement: a Biomechanical Comparison. Tibial Tuberosity Advancement Instructional Course, Garden State Veterinary Specialists, Tinton Falls, NJ

Patents and Licences

Licensed Technology UF#- 16076 "Canine Synthetic Cadaver Teaching Model"

Locking Fastener System
Inventors: **Stanley E. Kim**, Dimitri Protopsaltis, Mike Sherman
PROV Appl. No. 63/266,922, filed January 19, 2022
A&B Ref. 049648/571777
UF Ref. T18654US001

Contracts and Grants Funded

Tinga S, Jones SC, **Kim SE (Co-I)**, Pozzi A, Johnson MD, Park B, Natsios P, Longo F. Femorotibial kinematics in dogs treated by tibial plateau leveling osteotomy-internal brace for cranial cruciate ligament insufficiency: An in-vivo fluoroscopic analysis during walking. 2021, $152,651. Arthrex Investigator-Initiated Research

Kim (PI) Evaluation of the efficacy and safety of a novel short stem total hip replacement. 2020, $41,210. Arthrex Research Award

Johnson MD, Lewis DD, Biedrzycki A, **Kim SE (Co-I)**, De Armond CC. Efficacy of Virtual Surgical Planning and 3D-Printed Custom Guides for Reduction and Aligning Simulated Comminuted Tibial Fractures in Cadaveric Dogs. 2019, $5000. University of Florida College of Veterinary Medicine Small Animal Clinical Sciences Research Competition

Kim SE (PI). $600,000 from Edward DeBartolo. 2019, Unrestricted gift for veterinary orthopedic research.

Kim SE (PI), Isaza R, Hayward L, Curtiss R, Pascual D. 2019, $15,000. Boerhinger Ingelheim Veterinary Scholars Program

McCarrel TM, **Kim SE (Co-I)**, Lewis DD, Cook JL. Characterization of the Cellular and Cytokine Constituents of Bone Marrow Concentrate in Dogs. 2018, $18,969.66. Arthrex Investigator Initiated Research Award.

Kim SE (PI). $5000, from Kathleen and Arthur Hornsby, 2018. Unrestricted gift for joint resurfacing research in dogs

Kim SE (PI), Sanchez C, Hayward L, Curtiss R, Peck A. 2018, $20,000. Boerhinger Ingelheim Veterinary Scholars Program

Kim SE (PI). American College of Veterinary Surgeons Diplomate Clinical Research Grant Program, 2017, $10000. Acute-phase protein concentrations following uncomplicated total hip arthroplasty in dogs

Kim SE (PI), Biedrzycki A, Banks SA. University of Florida College of Veterinary Medicine Fall Faculty Research Development Award Grant, 2017, $10,000. Evaluation of 3D digital planning and custom cutting guides for large osteochondral allograft transplantation in dogs.

Kim SE (PI). Gross and microscopic evaluation of cartilage and meniscal degeneration in dogs with naturally occurring cranial cruciate ligament insufficiency, 2017, $20,815. Contractual work for Vetsuisse Faculty, University of Zurich

Kim SE (PI), Sanchez C, Hayward L, Curtiss R, Peck A. 2017, $15,000. Merial Veterinary Scholars Program

Kim SE (PI), Townsend S, Lewis DD. TheracellVet. 2016, $20,000. Clinical assessment of a novel cortical graft preparation for tibial tuberosity advancement in dogs with cranial cruciate ligament rupture.

Dunlap AE, **Kim SE (PI)**, McNicholas T. Private Donation from T McNicholas, 2014, $2500. Comparison of the 'Whip-Stitch' and three-loop pulley suture patterns for common calcaneal tenorrhaphy in dogs

Thibault AE, **Kim SE (PI**). University of Florida College of Veterinary Medicine Summer Veterinary Scholars Research Grant Competition, 2015, $5000. Determining the extent of osseous deformities in dogs with medial patellar luxation

Kim SE (PI), Lewis DD. TheracellVet. 2016, $20,986. Cortical Bone Procurement for Canine Allograft

Kim SE (PI), Lewis DD. TheracellVet. 2014, $14,981. Cortical Bone Procurement for Canine Allograft

Kim SE (PI). University of Florida College of Veterinary Medicine Fall Faculty Research Development Award Grant, 2014, $7500. Is partial meniscectomy superior to conservative management for stable longitudinal meniscal tears in dogs treated with tibial plateau leveling osteotomy? A multi-center prospective clinical study

Winter MD, Mostafa A, Berry CB, Pozzi A, **Kim SE (Co-I)**, Abbot J. University of Florida College of Veterinary Medicine Spring Faculty Research Development Award Grant, 2014, $7500. Ultrasonographic sonoelstrographic and anatomic evaluation of the bicipital and supraspinatus tendons during the normal range of canine shoulder motion: a cadaveric study

Wallace M, Ellison GW, Case JB, **Kim SE (Co-I)** American College of Veterinary Surgeons Surgeon-In-Training Research Grant Program, 2014, $14000. Clinical Trial of a New Venous Slow Occlusion Device (SOD) for the Treatment of Portosystemic Shunts (PSS) in Dogs

Pozzi A, **Kim SE (Co-PI)**, Lewis DD, Conlon T. $ 330,000. (Jewish Federation) Unrestricted research gift for stem cells research in dogs

Zann G, **Kim SE (PI)**, Pozzi A. University of Florida College of Veterinary Medicine Summer Veterinary Scholars Research Grant Competition, 2014, $5000. In-vivo patellofemoral kinematic patterns in dogs following tibial plateau leveling osteotomy

Kim SE (PI), Shmalberg J, Mich P, Lewis DD, Pozzi A. Departmental Grant Competition, 2013, $2500. Improving joint stability and limb function in dogs with cranial cruciate ligament rupture using integrative rehabilitation

Panjeton GD, **Kim SE (PI)**, Chang K, Ifju P, Pozzi A. University of Florida College of Medicine 2013 Summer Research Scholarship, 2013, $2000. The use of 3D Digital Image Correlation in characterizing the deformation of acetabular cup components of canine total hip replacement

Moore E, **Kim SE (PI)**, Coggeshall J Pozzi A. University of Florida College of Veterinary Medicine Summer Veterinary Scholars Research Grant Competition, 2013, $2000. Normal patellofemoral kinematic patterns in dogs during daily activities

Kim SE (PI), Conrad BP, Pozzi A. University of Florida College of Veterinary Medicine Fall Faculty Research Development Award Grant, 2012, $5,600. Effect of dorsal acetabular rim loss on the stability of a cementless total hip replacement cup prosthesis

Pozzi A (PI), **Kim SE (Co-I)**, Lewis DD. Traumavet-Fixin $10,000. 1/01/13-1/01/14.

Kim SE (PI), **Pozzi A,** Peck J. Biomedtrix $3,000 (supplies). 1/01/13-present. Effect of acetabular dorsal rim loss on total hip arthroplasty cementless cup (Biomedtrix)

Kim SE (PI), Pozzi A, Lewis DD, Conrad BP, Reese DJ, Banks SA. Hohn Johnson Research Award, Veterinary Orthopedic Society, 2011, $35,750. Comparison of *in-vivo* femorotibial kinematics in dogs with cranial cruciate ligament rupture after tibial plateau leveling osteotomy or lateral fabellar suture stabilization

Kim SE (PI), Pozzi A, Lewis DD, Conrad BP, Reese DJ, Banks SA. University of Florida College of Veterinary Medicine Fall Faculty Research Development Award Grant, $9,764. Accuracy of Markerless Single-Plane Fluoroscopy in Determining Three-Dimensional Femorotibial Pose Before and After Tibial Plateau Leveling Osteotomy

Kim SE (PI), Lewis DD, Pozzi A, Apelt D, Winter MD. University of Florida College of Veterinary Medicine Intramural Resident Grant Competition 2008, $2,000. In-vivo analysis of tibial plateau leveling osteotomy on femorotibial subluxation

Pozzi A, Lewis DD, **Kim SE (Co-I)**, Banks S, Fregly BJ, Conrad B. University of Florida College of Veterinary Medicine Spring 2007 Faculty Competition Fund, $ 7,500. Effect of tibial plateau leveling osteotomy and tibial

tuberosity advancement on cartilage pressure and joint kinematics: a biomechanical study in canine cadaver stifles

Kim SE (PI), Ferrigno CRA, Lewis DD, Pozzi A. University of Florida College of Veterinary Medicine Mark S. Bloomberg Memorial Small Animal Surgery Residents Research Fund 2007, $2,000. Ex-vivo mechanical comparison of retrograde versus antegrade interlocking nail fixation for supracondylar femoral fractures

Contracts and Grants, not funded

Allen JB, **Kim SE (Co-I)**. National Institutes of Health R21, 2021, $419,375. Osteogenic and vasculogenic aptamer functionalized hydrogel for bone regeneration

Allen JB, **Kim SE (Co-I)**. National Institutes of Health R21, 2020, $419,375. Osteogenic and vasculogenic aptamer functionalized hydrogel for bone regeneration

Allen JB, Andrew JS, **Kim SE (Co-I).** National Institutes of Health R01, 2020, $1,455,804. Development of a Bioactive Magnetoelectric Scaffold for Tissue Engineering

De Armond CC, McCarrel TM, **Kim SE (Co-I)**, Lewis DD, Cook JL. Wade O Brinker Award, Veterinary Orthopedic Society, 2017, $12,000. Characterization of Bone Marrow Aspirate Concentrate in Dogs.

Manuel MV, **Kim SE (Multi-PI)**, Henderson H, Allen K, Allen J, Ikramuddin A, Zou B. National Institutes of Health R01, 2017, $1,856,940. Guided Bone Regeneration via Bioresorbable Magnesium-Based Barrier Membrane: Improved Outcomes by the Combination of Space Retention and Complete Resorption

Kim SE (PI). University of Florida College of Veterinary Medicine Fall Faculty Research Development Award Grant, 2016, $7500. Acute-phase protein concentrations following uncomplicated total hip arthroplasty in dogs

Kim SE (PI). American College of Veterinary Surgeons Diplomate Clinical Research Grant Program, 2016, $10000. Acute-phase protein concentrations following uncomplicated total hip arthroplasty in dogs

Kim SE (PI), Lewis DD, Banks SA. Morris Animal Foundation, Established Investigator Award, 2015, $53,925. Assessment of stifle stability and limb function in dogs with cranial cruciate ligament rupture treated with tibial tuberosity advancement

Allen K, Rinaldi C, **Kim SE (Co-I)**, Biedrzycki A, Vincent H, Vincent K. National Institutes of Health R01, 2016, $1,815,119. Probing synovial fluid at the nano to micro scale via magnetic particle dynamics

Kim SE (PI), Bascunan A, Biedrycki A, Lewis DD. American College of Veterinary Surgeons Diplomate Clinical Research Grant Program, 2015, $10000. In vivo 3D stifle kinematics in goats with cranial cruciate ligament deficiency

Kim SE (PI), Bascunan A, Biedrycki A. University of Florida College of Veterinary Medicine Fall Faculty Research Development Award Grant, 2015, $10000. In vivo 3D stifle kinematics in goats with cranial cruciate ligament deficiency

Kim SE (PI), Shmalberg J. Morris Animal Foundation, Established Investigator Award, 2015, $59,191. Assessment of joint stability and limb function in dogs with cranial cruciate ligament rupture treated with stifle orthoses

Allen K, **Kim SE (Co-I)**, Banks SA. National Institutes of Health R01, 2015, $1,858,858. Connecting pain and

pathologic joint mechanics using rodent osteoarthritis models

Kim SE (PI), Guiot L, Saunders B, Hudson C. Hohn Johnson Research Award, Veterinary Orthopedic Society, 2015, $39,000. Is partial meniscectomy superior to conservative management for stable longitudinal meniscal tears in dogs treated with tibial plateau leveling osteotomy? A multi-center prospective clinical study

Allen MJ, Bertran J, **Kim SE (Co-I)** American College of Veterinary Surgeons Zoetis Dual Training Research Grant Program, 2014, $25000. Does total knee replacement restore normal kinematics in dogs?

Manuel MV, Allen J, Allen KD, Pozzi A, **Kim SE (Co-PI),** Moser MW. Department of the Army –USAMRAA, $749,994, 2013. Biodegradable magnesium as a novel strategy to prevent or mitigate post-traumatic osteoarthritis

Kim SE (PI), Shmalberg J, Mich P, Lewis DD, Pozzi A. American Kennel Club Canine Athlete Initiative Grant, 2013, $112512. Improving joint stability and limb function in dogs with cranial cruciate ligament rupture using integrative rehabilitation

Manuel M, Allen K, **Kim SE (Co-PI)**, Pozzi A. University of Florida Opportunity Fund 2013 Strontium-Modified Magnesium for Biodegradable Orthopedic Devices

Pozzi A, **Kim SE (Co-I)**, Lewis DD, Conrad BP, Reese DJ, Banks SA. AO Start-Up Grant Competition, 2012, $29,540. *In-vivo* femorotibial kinematics in dogs with cranial cruciate ligament rupture stabilized by tibial plateau leveling osteotomy

Kim SE (PI), Lewis DD, Pozzi A, Apelt D, Winter MD. American College of Veterinary Surgeons Surgeon-in-Training Grant Competition 2008, $11,200. In-vivo analysis of tibial plateau leveling osteotomy on femorotibial subluxation

References

Available upon request