|  |  |
| --- | --- |
| **Name:** | Richard J. Bowles, MD |
| **Office Address:** | Summit Orthopedics at Panorama Orthopedics & Spine Center265 Tanglewood LnSuite E-1Silverthorne CO 80498 |
| **Office Phone:**  | 970-262-7403 |

Employment

|  |  |  |  |
| --- | --- | --- | --- |
| 08/18-present | Summit Orthopedics at Panorama Orthopedics & Spine Center | Sports Medicine ServiceTrauma Service | Summit County, Colorado |

Education

|  |  |  |  |
| --- | --- | --- | --- |
| 08/96-12/01 | BS with honors | Electrical Engineering | University of Louisville |
| 08/08-05/12 | MD | Medicine | University of Louisville |

Postdoctoral Training

|  |  |  |  |
| --- | --- | --- | --- |
| Year(s) | Title | Specialty/Discipline(Lab PI for postdoctoral research) | Institution |

|  |  |  |  |
| --- | --- | --- | --- |
| 06/12-06/13 | Internship | General Surgery | Harvard/Beth Israel Deaconess Medical Center |
| 07/13-06/17 | Residency | Orthopaedic Surgery | University of Colorado |
| 08/17-07/18 | Fellowship | Sports Medicine | Cleveland Clinic |

Team/Sports Coverage

|  |  |  |  |
| --- | --- | --- | --- |
| Year(s) | Title | Specialty/Discipline(Lab PI for postdoctoral research) | Institution |

|  |  |  |  |
| --- | --- | --- | --- |
| 08/17-07/18 | Cleveland Cavaliers | Assistant Team Physician | Professional Basketball (NBA) |
| 08/17-07/18 | Cleveland Indians | Assistant Team Physician | Professional Baseball (MLB) |
| 04/18-07/18 | Lake County Captains | Assistant Team Physician | Professional Baseball (A) |
| 08/17-07/18 | Mahoning Valley Scrappers | Assistant Team Physician | Professional Baseball (A-Short Season) |
| 08/17-07/18 | John Carroll University | Assistant Team Physician | Division III College |
| 08/17-07/18 | Cleveland Metropolitan School District | [football/wrestling] | High School |
| 07/15-06/17 | Denver Public Schools | [football/wrestling] | High School |

Other Professional Positions

|  |  |  |
| --- | --- | --- |
| Year(s) | Position Title | Institution |

|  |  |  |
| --- | --- | --- |
| 01/02-06/04 | Program Engineer, Edison Engineering Development Program (EEDP) | GE Aircraft Engines (Cincinnati, Shanghai, Boston) |
| 06/04-12/04 | Design Engineer, Lynn Fuel & Electrical Control Systems | GE Aircraft Engines (Boston) |
| 01/05-02/06 | Lead Engineer, Refrigeration | GE Appliances (Louisville) |
| 02/06-08/08 | Supervisor, Aircraft Engineering | UPS Airlines (Louisville) |

Major Administrative Leadership Positions

Local

|  |  |  |
| --- | --- | --- |
| Year(s) | Position Title | Institution (note if specific department) |

|  |  |  |
| --- | --- | --- |
| 03/09-05/12 | President, Class of 2012 | University of Louisville School of Medicine |
| 03/16-06/17 | Board of Directors (resident member) | Colorado Orthopaedic Society |

Committee Service

Local

|  |  |  |
| --- | --- | --- |
| Year(s) of Membership | Name of Committee | Institution/Organization |
| Dates of Role(s) | Title of Role(s) |

|  |  |  |
| --- | --- | --- |
| 2009-2012 | Humanistic Empathic Altruistic Relationship-centered Team (HEART) Committee | University of Louisville School of Medicine |
| 2010-2011 | Pre-Clinical Block Task Force | University of Louisville School of Medicine |
| 2011-2012 | LCME Accreditation Committee | University of Louisville School of Medicine |
| 2011-2012 | Curriculum Implementation Committee | University of Louisville School of Medicine |

Professional Societies

|  |  |  |
| --- | --- | --- |
| Year(s) of Membership | Society Name |  |
| Dates of Role(s) | Title of Role(s) |

|  |  |  |
| --- | --- | --- |
| 2008-2012 | American Medical Association |  |
| 2008-2012 | American Medical Students Association |  |
| 2008-20122013-present | Kentucky Medical AssociationColorado Orthopaedic Society |  |
| 2013-present | American Academy of Orthopaedic Surgeons |
| 2017-present | American Orthopaedic Society for Sports Medicine |

Honors and Prizes

|  |  |  |  |
| --- | --- | --- | --- |
| Year | Name of Honor/Prize | Awarding Organization | Achievement for which awarded (if unclear from award title) |

|  |  |  |  |
| --- | --- | --- | --- |
| 1996 | Appointment | United States Naval Academy |  |
| 1996-2000 | Dean’s List | University of Louisville |  |
| 2001 | Winner, Six Sigma co-op project contest | GE Appliances | Range thermistor re-design |
| 2001 | GE Achievement Award | GE Aircraft Engines | Development of electronic database for engine components |
| 2004 | Six Sigma Green Belt | GE Aircraft Engines | Quality control methodology |
| 2004 | Graduate, Edison Engineering Development Program | GE Aircraft Engines | GE’s premier engineering leadership development program |
| 2010 | Honors | Medicine and Religion (course) |  |
| 2010 | Honors | Outreach Clinic (course) |  |
| 2010 | Honors | Family Medicine (clerkship) |  |
| 2011 | Honors | Diagnostic Radiology (clerkship) |  |
| 2011 | Honors | Orthopaedic Surgery (clerkship) |  |
| 2011 | Honors | Orthopaedic Surgery (clerkship) | Off-campus rotation at Medical University of South Carolina (MUSC) |
| 2011 | Honors | Orthopaedic Spine Surgery (clerkship) |  |
| 2011 | Honors | Orthopaedic Trauma (clerkship) |  |
| 2011 | Gold Humanism Honor Society | University of Louisville School of Medicine |  |
| 2012 | Dean’s Award for Leadership | University of Louisville School of Medicine | For class leadership and medical school curriculum development |

**Report of Funded and Unfunded Projects**

Funding Information

Current

|  |  |
| --- | --- |
| 2014 | $7000 research grant to investigate stability of plate vs. percutaneous screw fixation of lateral tibial plateau fractures |

**Report of Local Teaching and Training**

Clinical Supervisory and Training Responsibilities

|  |  |  |
| --- | --- | --- |
| 2012 | Clinical Fellow, Harvard Medical School | Teaching of medical students on general surgery clerkships |

Local Invited Presentations

|  |  |
| --- | --- |
| 2010 | **Bowles R**, Mauffrey C, Seligson D. Analysis of Performance Metrics Reporting in Papers Comparing Treatments or Materials/Devices in Four Important Orthopaedic Journals for the Year 2009. Oral presentation at University of Louisville Department of Orthopaedics Grand Rounds in 12/2010 in Louisville, KY. |
| 2017 | Shoulder and elbow anatomy podium presentations given at 2017 Sports Health Symposium: The Overhead Athlete 11/2017 in Cleveland, Ohio. |

**Report of Clinical Activities and Innovations**

Current Licensure and Certification

|  |  |
| --- | --- |
| 2012 | Massachusetts Limited Medical License |
| 2013 | Colorado Training Medical License |
| 20142017 | Colorado Full Medical License and DEA NumberOhio Training Medical License |
| 2017 | ABOS Board Eligible |

**Report of Education of Patients and Service to the Community**

Activities

May include a brief, one-sentence description of each role if needed (optional)

|  |  |
| --- | --- |
| 2001-2012 | Habitat for Humanity |
| 2008-2012 | Louisville Metro Medical Reserve CorpsI was a volunteer for the Louisville Medical Reserve Corps, which may deploy to meet community medical needs during a natural or civic disaster. |
| 2009 | Vaccination campaign (city-wide) for novel H1N1 virus |
| 2009-2010 | Medical clinic at The Healing Place / Student DirectorI was the director of a student-run clinic at The Healing Place, an alcohol and drug treatment facility for men. |
| 2010 | Informational session on medical school at Western High School |
| 2011 | Informational session on medical school at Sacred Heart Academy |

**Report of Scholarship**

Publications

Peer reviewed publications in print or other media

|  |
| --- |
| Research investigations1. **Bowles RJ**, Mauffrey C, Seligson D. Analysis of Performance Metrics Reporting in Papers Comparing Treatments or Materials/Devices in Four Important Orthopaedic Journals for the Year 2009. *Injury* 2011; 42(12):1480-1483
2. Mauffrey C, Madsen M, **Bowles RJ**, Seligson D. Bone Graft Harvest Site Options in Orthopaedic Trauma, A Prospective in Vivo Quantification Study. *Injury* 2012; 43(3):323-326
3. **Bowles RJ**, Chadayammuri V, Baldini T, Brecevich A, Mauffrey C. Split-Depressed Lateral Tibial Plateau Fractures: a Comparision of Augmented Percutaneous Screws Versus Augmented Plate and Screw Construct in a Cadaveric Model. *Journal of Orthopaedic Trauma* 2018; 32(7):e270–e275

Other peer-reviewed publications1. Mauffrey C, Madsen M, **Bowles RJ**, Seligson D. Using the Proximal Ulna as a Novel Site for Autogenous Bone Graft Harvesting: Surgical Technique. *Current Orthopaedic Practice* 2012; 23(4):386-389
2. Mauffrey C, Bailey JR, **Bowles RJ**, Price C, Hasson D, Hak DJ, Stahel PF. Acute Management of Open Fractures: Proposal of a New Multidisciplinary Algorithm. *Orthopedics* 2012; 35(10):887-881
3. **Bowles RJ**, Mitchell J, Price C, Ipaktchi K. Upper Extremity Mycosis in a Corn Auger Hand Injury: A Case Report. *Patient Safety in Surgery* 2015; 9(22)
4. Nyland J, Krupp R, Greene J, **Bowles RJ**, Burden R, Caborn D. In Situ Comparison of Varying Composite Tibial Tunnel Interference Screws Used for ACL Soft Tissue Graft Fixation. *The Knee* 2015; 22(6):554-558
 |

Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings

|  |
| --- |
| List abstracts published and exhibits presented at meetings during the last 3 years which have not already been published as full length manuscripts. May also list all abstracts or exhibits, regardless of date or publication as full-length manuscript, which received special recognition at a meeting (e.g., juried poster presentation, meeting commendation). |

|  |
| --- |
| 1. **Bowles RJ,** Luftman K, McCants K, Aggarwal S, Koenig S, & Slaughter M. Incidence and Outcomes of Coronary Artery Bypass Grafting After Orthotopic Heart Transplantation. Poster presentation at Research!Louisville in 10/09 in Louisville, KY.
2. Luftman K, **Bowles RJ**, Aggarwal S, Koenig S, & Slaughter M. Campath Induction and Steroid-free Maintenance Immunosuppression in Cardiac Transplantation. Poster presentation at Research!Louisville in 10/09 in Louisville, KY.
3. Nyland J, Krupp R, Greene J, **Bowles RJ**, Burden R, Caborn D. Interference Screw Fixation of Soft Tissue Grafts in the Tibial Tunnel: An In Situ Comparison of Composite Interference Screws. Poster presentation at European Society of Sports Traumatology Knee Surgery and Arthroscopy (ESSKA) 15th Congress in 05/12 in Geneva, Switzerland.
4. **Bowles RJ**, Mitchell JJ, Price C, Ipaktchi KR. Upper Extremity Mycosis in a Corn Auger Hand Injury: A Case Report. Poster presentation on Research Day at University of Colorado - Denver in 6/2014 in Denver, CO.
 |

Narrative Report

|  |
| --- |
| I have a unique background, having had a successful career as an engineer at two Fortune 100 companies with an outstanding track record in leadership roles at both. This has helped me achieve success throughout my career in medicine, serving as president of my medical school class and offering fresh insight into problems faced by physicians in the context of a changing healthcare landscape. I possess a strong work ethic, perspective born of failures and successes, solid communication skills, and a dedication to patient care and the advancement of its practice. I intend to use my technical background, leadership skills and life experience outside of medicine to make a lasting impact on the field of orthopaedic surgery in general and sports medicine in particular. |