

**Andrea Legath Bowers, MD, FAAOS**  
**Orthopaedic Surgeon**  
**Curriculum Vitae**

Briggs Road Professional Campus  
2059 Briggs Road Suite 304  
Mt. Laurel, NJ 08054

Cell:  
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Web: [burlingtoncountyortho.com](http://burlingtoncountyortho.com)

**Appointments:**

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| 2010 – present | Burlington County Orthopaedic Specialists<br>2059 Briggs Road, Suite 304, Mount Laurel, NJ 08054 |
| 2010 – present | Virtua Mount Holly Hospital<br>175 Madison Avenue, Mount Holly, NJ 08060                         |
| 2010 – present | Memorial Ambulatory Surgery Center<br>160 Madison Avenue, Mount Holly, NJ 08060                  |
| 2022 – present | Vantage Surgery Center<br>350 Young Avenue, Moorestown, NJ 08057                                 |

**Education /Training:**

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| 1991 – 1995 | Moorestown High School, Moorestown, NJ                                   |
| 1995 – 1999 | B.S. Vanderbilt University College of Arts and Science,<br>Nashville, TN |
| 2000 – 2004 | M.D. Vanderbilt University School of Medicine, Nashville, TN             |

**Postgraduate Training and Fellowship Appointments:**

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| 06/04 – 06/05 | Intern, General Surgery and Orthopaedic Surgery,<br>Hospital of the University of Pennsylvania, Philadelphia, PA |
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| 07/05 – 06/09 | Resident, Orthopaedic Surgery,<br>Hospital of the University of Pennsylvania, Philadelphia, PA<br>Mentors: Gerald D. Williams, MD, Matthew L. Ramsey, MD,<br>Charles L. Getz, MD, Russell D. Huffman, MD<br>Children's Hospital of Philadelphia, Philadelphia, PA<br>Mentors: Theodore J. Ganley, MD, Lawrence Wells, MD |
| 08/09 – 07/10 | Fellow, Sports Medicine and Shoulder Surgery,<br>Hospital for Special Surgery, New York, NY<br>Mentors: Edward V. Craig, MD, Russell D. Warren, MD, David<br>M. Dines, MD, Lawrence V. Gulotta, MD                                                                                                                       |

### **Faculty Appointments:**

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|-----------------|---------------------------------------------------------------------------------------------------------------------|
| 07/05 – 06/09   | Instructor B, Department of Orthopaedic Surgery, University of<br>Pennsylvania School of Medicine, Philadelphia, PA |
| 08/09 – 07/10   | Senior Clinical Associate, Orthopaedic Surgery Weill Cornell<br>Medical College, New York, NY                       |
| 10/22 – present | Assistant Professor, Rowan University School of Medicine<br>Stratford, NJ                                           |

### **Specialty Certification:**

American Board of Orthopaedic Surgeons (2012)

### **Licensure:**

Medical Physician and Surgeon License – New Jersey  
Controlled Substance License – Drug Enforcement Agency

### **Memberships in Professional and Scientific Societies:**

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National & Local  
Societies:

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American Academy of Orthopaedic Surgeons, fellow  
American Orthopaedic Society for Sports Medicine, fellow  
Arthroscopy Association of North America  
Orthopaedic Surgeons of New Jersey

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**Editorial Positions:**

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|--------------|------------------------------------------------------------------------------|
| 2004-2005    | Editor, University of Pennsylvania Orthopaedic Journal                       |
| 2005-2006    | Publisher, University of Pennsylvania Orthopaedic Journal                    |
| 2006-2007    | Circulation/Special Projects, University of Pennsylvania Orthopaedic Journal |
| 2018-Present | American Journal of Sports Medicine                                          |

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**Academic and Institutional Committees:**

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| 2005-2009    | Graduate Medical Education Committee, University of Pennsylvania                                                    |
| 2007-2008    | Resident Selection Program Committee, Department of Orthopaedic Surgery, Hospital of the University of Pennsylvania |
| 2011-2015    | Credentials Committee, Virtua Health System                                                                         |
| 2011-2017    | Surgical & Interventional Product Review Committee, Virtua Health System                                            |
| 2012-present | Head Team Physician, Rowan College at Burlington County                                                             |
| 2014-2023    | Clinical Operations Committee, Memorial Ambulatory Surgery Center                                                   |
| 2015-present | Virtua Sports Medicine Committee                                                                                    |
| 2015-2020    | Finance Committee, Virtua Physician Partners                                                                        |
| 2016-2020    | Virtua Hospital Quality and Efficiency Program Orthopedic Committee                                                 |

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| 2018-2023 | Chair, Virtua Orthopedic Products Committee                          |
| 2022-2024 | Vice Chair, Department of Surgery, Virtua Mount Holly Hospital       |
| 2024-2025 | Chief, Department of Orthopedic Surgery, Virtua Mount Holly Hospital |

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**Bibliography:** (\*publications listed under maiden name)

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**Research Publications, Peer Reviewed:**

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|    |                                                                                                                                                                                                                                                                                                                       |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Perez-Perez GI, Peek RM, <b>Legath AJ*</b> , Heine PR, Graff LB: The role of cagA status in gastric and extragastric complications of Helicobacter pylori. <u>Journal of Physiology and Pharmacology</u> 50(5):833-845, 1999                                                                                          |
| 2. | <b>Legath AJ*</b> , Perez-Perez GI, Rautelin H, Kosunen TU, Blaser MJ. Long term stability of serum IgG1/IgG2 antibody ratios to Helicobacter pylori in healthy adults. <u>Clinical Infectious Diseases</u> 31(1):233, 2000                                                                                           |
| 3. | <b>Legath AJ*</b> , Perez-Perez GI, Rautelin H, Kosunen TU, Peek RM, Sack RB, Blaser MJ. Serum IgG recognition of Helicobacter pylori antigens after acute acquisition or persistent carriage of the organism. <u>Clinical Infectious Diseases</u> 31(1): 233, 2000                                                   |
| 4. | <b>Bowers AL</b> , Spindler KP, McCarty EC, Arrigain A. Body mass index, height and weight predict intra-articular injuries observed during ACL reconstruction: evaluation of 456 cases from prospective ACL database. <u>Clinical Journal of Sports Medicine</u> 15(1):9-13, 2005                                    |
| 5. | Ganley TJ, <b>Bowers AL</b> , Gaugler RL. Current concepts in pediatric sports medicine: anterior cruciate ligament injury, discoid meniscus, osteochondritis dissecans, Panner's disease, patellofemoral dislocation, shoulder dislocation. <u>The University of Pennsylvania Orthopaedic Journal</u> 18:41-49, 2006 |
| 6. | <b>Bowers AL</b> , Castro MD. The mechanics behind the image: foot and ankle pathology associated with gastrocnemius contracture. <u>Seminars in Musculoskeletal Radiology</u> 11:83-90, 2007                                                                                                                         |
| 7. | Kim JM, <b>Bowers AL</b> , Chin KR. Intraoperative imaging techniques in spine surgery. <u>Seminars in Spine Surgery</u> 19(2):78-86, 2007                                                                                                                                                                            |

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8. **Bowers AL**, Bautista SR, Bassora R, Kaye R, Wells L. Traumatic arteriovenous fistulae in pediatric orthopaedic patients: a case series of unusual injuries. Orthopedics 31:612, 2008

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  9. **Bowers AL**, Huffman GR. Osteotomy of the lateral femoral epicondyle: an extensile posterolateral approach to the knee joint. Clinical Orthopaedics and Related Research, 466:1671-1677, 2008

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  10. **Bowers AL**, Huffman GR. Suture bridge fixation of a femoral condyle traumatic osteochondral defect. Clinical Orthopaedics and Related Research, 466:2276-2281, 2008

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  11. **Bowers AL**, Huffman GR, Sennett BJ. Methicillin-resistant Staphylococcus aureus infections in collegiate football players. Medicine & Science in Sports & Exercise, 40(8):1362-7, 2008

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  12. **Bowers AL**, Park JH, Garino JP. Knee fusion with a modular tumor replacement system. Techniques in Knee Surgery, 7(3):178-185, 2008

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  13. **Bowers AL**, Baldwin KD, Sennett BJ. Athletic hand injuries in intercollegiate field hockey players. Medicine & Science in Sports & Exercise, 40(12):2022-6, 2008

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  14. **Bowers AL**, Horneff JG, Baldwin KD, Huffman GR, Sennett BJ. Thumb injuries in collegiate men's lacrosse players. American Journal of Sports Medicine, 38(3):527-31, 2010

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  15. **Bowers AL**, Dines JS, Dines DM, Altchek DW. Elbow medial collateral ligament reconstruction: clinical relevance and the docking technique. Journal of Shoulder and Elbow Surgery, 19(2):110-117, 2010

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  16. Lawrence JT, **Bowers AL**, Belding J, Cody SR, Ganley TJ. All-epiphyseal anterior cruciate ligament reconstruction in skeletally immature patients. Clinical Orthopaedics and Related Research, in press

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  17. **Bowers AL**, Shubin Stein, BE. Complications of patellar stabilization surgery. Operative Techniques in Sports Medicine, 18:123-128, 2010
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18. Boselli KJ, **Bowers AL**, Shubin Stein BE, Ahmad CS. Medial patellofemoral ligament reconstruction: docking technique. Operative Techniques in Sports Medicine. 18:98-106, 2010
- 
19. Perez-Perez GI, Maw AM, Feingold-Link L, Gunn J, Bowers AL, Minano C, Rautelin H, Kosunen TU, Blaser MJ. Longitudinal analysis of serological responses of adults to Helicobacter pylori antigens. Journal of Infectious Diseases. 202(6):916-23, 2010
- 
20. **Bowers AL**, Bedi A, Lipman JD, Potter HG, Rodeo SA, Pearle AD, Warren WF, Altchek DW. Comparison of ACL tunnel position and graft obliquity with transtibial and anteromedial portal femoral tunnel reaming techniques using high-resolution magnetic resonance imaging. Arthroscopy: The Journal of Arthroscopic and Related Surgery. 27(11):1511-22, 2011
- 
21. Baldwin KD, Namdari S, **Bowers AL**, Keenan MA, Levin LS, Ahn J. Factors affecting interest in orthopaedics among female medical students: a prospective analysis. Orthopedics. 34(12):e919-32, 2011
- 
22. Tjoumakaris FP, Herz AL, **Bowers AL**, Sennett BJ, Bernstein J. Complications in brief: Anterior cruciate ligament reconstruction. Clin Orthop Relat Res 470(2):630-6, 2012
- 
23. Reinhardt KR, Hammoud S, **Bowers AL**, Umunna BP, Cordasco FA. Revision ACL reconstruction in skeletally mature athletes younger than 18 years. Clinical Orthopaedics and Related Research. Clin Ortho Relat Res 470(3):835-42, 2012
- 
24. O'Brien SJ, Newman AM, Taylor SA, Dawson C, Gallagher KA, **Bowers A**, Nguyen J, Baret N. The accurate diagnosis of biceps-labral complex lesions with MRI and 3-pack physical examination: a retrospective analysis with prospective validation. Orthopaedic Journal of Sports Medicine. 2013
- 
25. Taylor S, Newman A, Dawson C, Gallagher K, **Bowers AL**, Nguyen J, Fabricant P. The "3-Pack" Examination is Critical for Comprehensive Evaluation of the Biceps-Labrum Complex: A Prospective Study. Arthroscopy: The Journal of Arthroscopic and Related Surgery. Jul 20, 2016

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### **Research Publications, Non-Peer Reviewed:**

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1. Ahn J, **Bowers AL**, Keenan MA. Educating and Recruiting Future Orthopaedists: Letter to the Editor. Journal of Bone and Joint Surgery Am. 2 April 2008.
  2. **Bowers AL**. What is Reverse Shoulder Replacement? July 2016  
<https://www.virtua.org/articles/what-is-reverse-shoulder-replacement>
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### **Abstracts/Posters:**

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1. **Legath AJ\*** and Florence SL. Cortical reorganization in somatosensory area 3b following early therapeutic limb amputation in macaque monkeys. Poster presentation at the Department of Psychology and Neuroscience Annual Research Forum, Vanderbilt University, Nashville, Tennessee, April 6, 1999
  2. **Legath AJ\***, Perez-Perez GI, Rautelin H, Kosunen TU, Peek RM, Sack RB, Blaser, MJ. Serum IgG recognition of Helicobacter pylori antigens after acute acquisition or persistent carriage of the organism. Abstracts of the Infectious Diseases Society of America 38th Annual Meeting: 118, 2000
  3. **Legath AJ\***, Perez-Perez GI, Rautelin H, Kosunen TU, Blaser MJ. Long Term Stability of Serum IgG1/IgG2 Antibody Ratios to Helicobacter pylori in Healthy Adults. Abstracts of the Infectious Diseases Society of America 38th Annual Meeting: 118, 2000
  4. Perez-Perez GI, Maw AM, Minano C, **Bowers AL**, Rautelin H, Kosunen TU, Blaser MJ. Long-term stability of Helicobacter pylori serum IgG antibodies in healthy adults. Department of Medicine Research Day, NYU Medical Center, New York, New York, May 2, 2007
  5. **Bowers AL**, Ahn J, Wanderer J, Keenan MA. Exposure to educational resources increases interest in orthopaedics among medical students. The American Academy of Orthopaedic Surgeons Annual Meeting, 2008
  6. **Bowers AL**, Huffman GR, Sennett BJ. Methicillin-resistant Staphylococcus aureus infections among collegiate football players. The American Academy of Orthopaedic Surgeons Annual Meeting, 2008
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7. Horneff JG, **Bowers AL**, Huffman GR, Sennett BJ. Isolated gastrocnemius contracture in the athletic population. The American Academy of Orthopaedic Surgeons Annual Meeting, 2010
  8. Reinhardt KR, Hammoud S, **Bowers AL**, Umunna BP, Cordasco FA. Revision ACL reconstruction in skeletally mature athletes younger than 18 years. ISAKOS Annual Meeting, 2010
  9. O'Brien SJ, Newman AM, Taylor SA, Dawson C, Gallagher KA, **Bowers A**, Nguyen J, Baret N. Accurate diagnosis of biceps-labral complex lesions with MRI and "3-pack" physical examination: a retrospective analysis with prospective validation. American Orthopedic Society for Sports Medicine Annual Meeting, 2013
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### **Book Chapters:**

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1. Kim JM, **Bowers AL**, Chin KR. Cervical strain. Book chapter in: Orthopaedics for the Primary Care Physician. Editors: Paul Lotke, Joseph Abboud, and Jack Ende. Philadelphia: Lippincott, Williams, and Wilkins, pp. 39-43, 2008
  2. **Bowers AL**, Sennett BJ. Arthroscopic meniscectomy. Book chapter in: Gowned and Gloved Orthopaedics: Introduction to Common Procedures. Editors: Neil P. Sheth and Jess Lonner. Philadelphia: Elsevier, pp. 228-236, 2009
  3. **Bowers AL**, Wickiewicz TL. Clinical approach to articular cartilage pathology. Book chapter in: Operative Arthroscopy, 4th Ed. Editors: Donald H. Johnson, et al. Philadelphia: Lippincott Williams & Wilkins, 2012
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### **Teaching Lectures:**

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|---------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 9/24/03 | "Pathologic Fracture"<br>Clinical Correlations Conference, Department of Radiology<br>Vanderbilt University Medical Center, Nashville, TN |
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| 5/1/06   | <p>“Thromboprophylaxis in Total Joint Arthroplasty”</p> <p>Adult Reconstruction Conference, Department of Orthopaedic Surgery</p> <p>University of Pennsylvania, Philadelphia, PA</p>                      |
| 7/9/07   | <p>“Cruciate-Retaining Vs. Posterior Stabilized Total Knee Arthroplasty”</p> <p>Adult Reconstruction Conference, Department of Orthopaedic Surgery</p> <p>University of Pennsylvania, Philadelphia, PA</p> |
| 9/4/07   | <p>“Hallux Valgus”</p> <p>Foot and Ankle Conference, Department of Orthopaedic Surgery</p> <p>University of Pennsylvania, Philadelphia, PA</p>                                                             |
| 12/12/07 | <p>“Scaphoid Fractures”</p> <p>Upper Extremity Conference, Department of Orthopaedic Surgery</p> <p>University of Pennsylvania, Philadelphia, PA</p>                                                       |
| 4/16/08  | <p>“Thigh Pain in a Seven Year-Old”</p> <p>Pediatric Orthopaedic Indications Conference</p> <p>Children’s Hospital of Philadelphia, Philadelphia, PA</p>                                                   |
| 5/7/08   | <p>“Juvenile Tillaux and Triplane Fractures”</p> <p>Pediatric Orthopaedic Indications Conference</p> <p>Children’s Hospital of Philadelphia, Philadelphia, PA</p>                                          |
| 7/10/08  | <p>“Key Concepts in Pediatric Orthopaedics”</p> <p>Orthopaedic In-Training Exam Review</p> <p>Hospital of the University of Pennsylvania, Philadelphia, PA</p>                                             |
| 8/12/08  | <p>“Shoulder Trauma”</p> <p>Orthopaedic Summer School</p> <p>Hospital of the University of Pennsylvania, Philadelphia, PA</p>                                                                              |
| 11/6/08  | <p>“Physical Exam of the Spine and the Extremities”</p> <p>University of Pennsylvania School of Medicine, Philadelphia, PA</p>                                                                             |
| 1/12/09  | <p>“Evaluating the Painful Total Hip Arthroplasty”</p> <p>Adult Reconstruction Conference, Department of Orthopaedic Surgery</p> <p>University of Pennsylvania, Philadelphia, PA</p>                       |

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| 4/20/09  | <p>“Syndesmotic Injuries”</p> <p>Trauma Conference, Department of Orthopaedic Surgery<br/>University of Pennsylvania, Philadelphia, PA</p>                                          |
| 9/10/09  | <p>“Operative Management of Partial-Thickness Rotator Cuff Tears”</p> <p>Core Conference, Sports Medicine &amp; Shoulder Surgery<br/>Hospital for Special Surgery, New York, NY</p> |
| 10/22/09 | <p>“Outcomes of ACL Reconstruction in the Skeletally Immature”</p> <p>Core Conference, Sports Medicine &amp; Shoulder Surgery<br/>Hospital for Special Surgery, New York, NY</p>    |
| 1/18/10  | <p>“Surgical Management of Patellofemoral Instability”</p> <p>Core Conference, Sports Medicine &amp; Shoulder Surgery<br/>Hospital for Special Surgery, New York, NY</p>            |
| 2/25/10  | <p>“Viscosupplementation”</p> <p>Core Conference, Sports Medicine &amp; Shoulder Surgery<br/>Hospital for Special Surgery, New York, NY</p>                                         |
| 2/25/10  | <p>“Return to Play After Injections”</p> <p>Core Conference, Sports Medicine &amp; Shoulder Surgery<br/>Hospital for Special Surgery, New York, NY</p>                              |
| 5/20/10  | <p>“Intra-operative Correction in High Tibial Osteotomy”</p> <p>Core Conference, Sports Medicine &amp; Shoulder Surgery<br/>Hospital for Special Surgery, New York, NY</p>          |

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### **Lectures By Invitation:**

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| 10/8/06 | <p>“Traumatic Arteriovenous Fistulae in Pediatric Orthopaedic Patients”</p> <p>Podium presentation, Orthopaedic Section<br/>American Academy of Pediatrics National Conference, Atlanta, GA</p> |
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| 11/1/07  | <p>“Lateral Tibial Plateau Lesion in a Fifteen Year-Old”<br/> Grand Rounds, Department of Orthopaedic Surgery<br/> University of Pennsylvania, Philadelphia, PA</p>                                                                        |
| 1/17/08  | <p>“Suture Bridge Fixation of a Medial Femoral Condyle<br/> Traumatic OCD”<br/> Grand Rounds, Department of Orthopaedic Surgery<br/> University of Pennsylvania, Philadelphia, PA</p>                                                      |
| 3/8/08   | <p>“Neuromuscular Analysis of the Upper Extremity in Athletics”<br/> Orthopaedic Rehabilitation Association, Specialty Day<br/> Program<br/> American Academy of Orthopaedic Surgeons 75th Annual<br/> Meeting,<br/> San Francisco, CA</p> |
| 6/12/08  | <p>“Athletic Hand Injuries in Intercollegiate Field Hockey Players”<br/> University of Pennsylvania Orthopaedic Research Day<br/> Symposium<br/> Hospital of the University of Pennsylvania, Philadelphia, PA</p>                          |
| 2/26/09  | <p>“Increased Incidence of Thumb Injuries in Collegiate Men’s<br/> Lacrosse Players”<br/> American Academy of Orthopaedic Surgeons 76th Annual<br/> Meeting,<br/> Las Vegas, NV</p>                                                        |
| 6/11/09  | <p>“Exposure to Educational Resources Increases Interest in<br/> Orthopaedics Among<br/> Female Medical Students”<br/> American Orthopaedic Association Annual Meeting, Bonita<br/> Springs, FL</p>                                        |
| 11/13/09 | <p>“Failed ACL Reconstruction”<br/> Hospital for Special Surgery Annual Alumni Meeting, New<br/> York, NY</p>                                                                                                                              |
| 6/10/10  | <p>“Comparison of ACL Tunnel Position and Graft Obliquity with<br/> Transtibial and Anteromedial Portal Femoral Tunnel Reaming<br/> Techniques”<br/> West Point Fellows’ Day, West Point, NY</p>                                           |
| 11/13/10 | <p>“Musculoskeletal Health”<br/> Virtua Health System 6th Annual Women’s Health Symposium,<br/> Philadelphia, PA</p>                                                                                                                       |

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| 11/16/10 | “Shoulder Injuries”<br>NovaCare PMA Seminar, Mt. Laurel, NJ                                                  |
| 11/30/10 | “ACL Reconstruction”<br>Virtua Health System Orthopedic Symposium, Mt. Laurel, NJ                            |
| 2/16/11  | “Total Shoulder Arthroplasty”<br>Rehab Connection Orthopaedic Seminar, Lumberton, NJ                         |
| 4/16/11  | “Clavicle Fractures”<br>Synthes Orthopaedic Bioskills Workshop, Mt. Holly, NJ                                |
| 4/16/11  | “Locked Plating”<br>Synthes Orthopaedic Bioskills Workshop, Mt. Holly, NJ                                    |
| 6/28/12  | “Celebrating Women in Sports”<br>Comcast SportsNet, Philadelphia, PA                                         |
| 9/19/12  | “ACL Injuries”<br>Virtua Outpatient P.T. Workshop, Voorhees, NJ                                              |
| 10/8/12  | “Hamstring Injuries”<br>WIP Sports Radio, Philadelphia, PA                                                   |
| 3/5/13   | “Pathology of the Throwing Shoulder and Elbow”<br>Restore Physical Therapy, Marlton, NJ                      |
| 4/4/13   | “Pathology of the Throwing Shoulder and Elbow”<br>STAR Physical Therapy, Mt. Laurel, NJ                      |
| 4/13/13  | “Clavicle Fractures”<br>Synthes Orthopaedic Bioskills Workshop, Mt. Holly, NJ                                |
| 6/5/14   | “Upper Extremity Injuries in Pediatric and Adolescent Athletes”<br>CHOP at Virtua Grand Rounds, Voorhees, NJ |
| 3/18/15  | “The Throwing Shoulder and Elbow”<br>The Field House, Moorestown, NJ                                         |
| 4/10/15  | “Staying in Game Shape to Win Big in Business”<br>Chamber of Commerce, Voorhees, NJ                          |
| 5/7/15   | “Being Healthy is a Mindset”<br>Camden County Women’s Conference, Voorhees, NJ                               |
| 8/11/15  | “Sports Hernia”<br>Breakfast on Broad, Comcast Sportsnet, Philadelphia, PA                                   |

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| 8/11/15  | “Revision ACL Reconstruction”<br>Breakfast on Broad, Comcast Sportsnet, Philadelphia, PA                               |
| 8/11/15  | “Athletic Foot Injuries”<br>Breakfast on Broad, Comcast Sportsnet, Philadelphia, PA                                    |
| 8/13/15  | “Pathologies of the Shoulder”<br>Evergreens Facility, Moorestown, NJ                                                   |
| 9/16/15  | “Adhesive Capsulitis”<br>Horizon Casualty, Newark, NJ                                                                  |
| 2/16/16  | “Pathologies of the Long Head of the Biceps”<br>Ivy Rehab, Mt. Laurel, NJ                                              |
| 2/25/16  | “Evaluation of Acute Knee Injuries”<br>Virtua Express Urgent Care Center, Moorestown, NJ                               |
| 4/24/16  | “Compression and Locked Plating”<br>Synthes Orthopaedic Bioskills Workshop, Mt. Holly, NJ                              |
| 3/31/17  | “Osteoarthritis”<br>Evergreens Facility, Moorestown, NJ                                                                |
| 5/18/17  | “Shoulder Stiffness: Adhesive Capsulitis and Osteoarthritis”<br>Qualynx, Mt. Laurel, NJ                                |
| 9/6/17   | “Evaluation and Management of Pediatric Knee Pathologies”<br>CHOP at Virtua Grand Rounds, Voorhees, NJ                 |
| 6/21/18  | “Career Planning, Advancement, and Work Life Balance”<br>Virtua Center for Learning, Marlton, NJ                       |
| 8/3/18   | “Prevention and Management of ACL Injuries”<br>Rancocas Valley High School, Mt. Holly, NJ                              |
| 10/10/18 | “Evaluation and Management of Lower Extremity Orthopedic Injuries”<br>Virtua 2nd Annual EMS Hero Awards, Mt. Holly, NJ |
| 5/12/20  | “Shoulder Arthroplasty Case Discussion: The Forgotten Humerus”<br>Stryker Healthcare Webinar                           |

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| 5/18/20  | "Work Related Shoulder Injuries"<br>SageCo Webinar                                                      |
| 5/31/20  | "Marilyn Russell's Remarkable Women"<br>WOGL 98.1                                                       |
| 10/29/20 | "Imposter Syndrome"<br>Northeast Stryker Women's Network Event Webinar                                  |
| 7/29/21  | "History of the Comprehensive Shoulder System"<br>ZimmerBiomet Sales Training Event, Philadelphia, PA   |
| 10/28/21 | "Arthroplasty with the Comprehensive Shoulder System"<br>ZimmerBiomet Sales Training Event, Hanover, NJ |
| 4/7/22   | "Nano and Signature One in Shoulder Arthroplasty"<br>ZimmerBiomet AVP Event, Towaco, NJ                 |
| 6/14/22  | "Reverse Shoulder Arthroplasty"<br>Ivy Rehab, Mt. Laurel, NJ                                            |
| 9/15/22  | "Real Talk! Shoulder, Hips and Knees, Oh My!"<br>92.5 WXTU-FM Webinar, host Nicole Michalik             |
| 9/3/24   | "AVP Shoulder Lab"<br>ZimmerBiomet AVP Event, Cedar Knolls, NJ                                          |

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**Consulting Appointments:**

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1. Identity Shoulder System Validation Lab, ZimmerBiomet, Rosemont, IL, Nov. 7, 2021
2. 135 Project Summative Validation Lab, ZimmerBiomet, Carmel, IN, Dec. 8-9, 2023
3. Atlas Mixed Reality Lab, ZimmerBiomet / FIX Surgical, Park Ridge, IL, Jan. 19, 2024
4. Fixed Fluted Pins Validation Study, ZimmerBiomet, Jan. 30, 2024
5. OsseoFit Stemless Shoulder Validation Lab, ZimmerBiomet, Carmel, IN, Apr. 19-20, 2024
6. Atlas Mixed Reality Lab, ZimmerBiomet / FIX Surgical, New York, NY, May 20, 2024
7. Off-Axis Summative Validation Lab, ZimmerBiomet / FIX Surgical, Carmel, NJ, June 4, 2024
8. ZimmerBiomet Sports Medicine Virtual Event Series: Continuum of Care in Shoulder Treatment, November 14, 2024
9. ZimmerBiomet Virtual Event Series: Shoulder Soft Tissue Management and Arthroplasty, November 21, 2024
10. Identity Revision Summative Validation Lab, ZimmerBiomet, Philadelphia, PA, March 21, 2025
11. Off-Axis Reaming Instrumentation Summative Validation Lab, ZimmerBiomet, Chicago, IL, June 5, 2025
12. 135 Project Summative Validation Lab, ZimmerBiomet, Chicago, IL, Aug. 8, 2025
13. OsseoFit Reverse Summative Validation Lab, ZimmerBiomet, Chicago, IL, Sept. 26, 2025
14. ROSA Shoulder Summative Validation Lab, ZimmerBiomet, Jacksonville, FL, Nov. 19, 2025

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**Continuing Medical Education:**

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1. ASSH: Crucial Elements in Hand Surgery, Philadelphia, PA, Oct. 29, 2005
2. Orthopaedic Rehabilitation Association, Philadelphia, PA, Sept. 29-30, 2006
3. American Academy of Pediatrics National Conference, Atlanta, GA, Oct. 6-8, 2006
4. AO/ASIF Basic Principles and Techniques of Operative Fracture Management Course for Residents, Chicago, IL, Oct. 19-22, 2006
5. Advances In Shoulder and Elbow Surgery, Philadelphia, PA, May 4, 2007
6. Practical Anatomy Workshop: Shoulder Anatomy, Stryker Orthopaedics, Irving, CA, May 11, 2007
7. Zimmer National Resident Course, Chicago, IL, Aug. 9-12, 2007
8. AAOS 75th Annual Meeting, San Francisco, CA, Mar. 5-9, 2008
9. Surgical Approaches for Internal Fixation, Smith and Nephew, Memphis, TN, Sept. 29-30, 2008
10. AAOS 76th Annual Meeting, Las Vegas, NV, Mar. 4-8, 2009
11. Smith & Nephew Endoscopy and DJO Fellowship Program, Andover, MA, Sept. 13-15, 2009
12. AOSSM Annual Meeting, Providence, RI, Jul. 15-18, 2010

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13. Mid-Atlantic Shoulder and Elbow Society Inaugural Meeting, Washington, DC, Spt. 30, 2011
  14. 32nd Annual Cherry Blossom Arthroscopy and Arthroplasty Seminar, Washington, DC, Apr. 5-7, 2013
  15. Masters Course in Shoulder Arthroplasty Lab, Tampa, FL, Aug. 2-3, 2013
  16. Mid-Atlantic Shoulder and Elbow Society 3rd Annual Meeting, Philadelphia, PA, Sept. 20, 2013
  17. AAOS 81st Annual Meeting, New Orleans, LA, Mar. 11-15, 2014
  18. 1st Annual Geisinger Orthopaedic Institute Inaugural Shoulder Course, Danville, PA, 8/22/14
  19. AANA Masters Experience Knee Cartilage Course, Rosemont, IL, Nov. 21-23, 2014
  20. Biomet Upper Extremity Instructional Course, Miami, FL, Feb. 19-20, 2015
  21. AOSSM Annual Meeting, Orlando, FL, Jul. 9-12, 2015
  22. Stryker Shoulder Arthroplasty Course, Houston, TX, Nov. 14, 2015
  23. Shoulder Arthroplasty: From Total to Reverse to Revision, Parsippany, NJ, Dec. 11, 2015
  24. AANA Annual Meeting, Denver, CO May 18-20, 2017
  25. Stryker Shoulder Arthroplasty Course, Cherry Hill, NJ, Apr. 25, 2018
  26. DJO 5th Annual Revision Course in Shoulder & Elbow Arthroplasty, Tampa, FL, Aug. 3-4, 2018
  27. WINS: Women IN Sports Medicine, Naples, FL, Sept. 28-29, 2018
  28. AAOS 86th Annual Meeting, Las Vegas, NV, Mar. 12-16, 2019
  29. Exactech 2019 Masters Course in Shoulder Arthroplasty, Seattle, WA, May 2-3, 2019
  30. Stryker Shoulder Arthroplasty Course, Cherry Hill, NJ, Sept. 24, 2020
  31. Medacta M.O.R.E. Shoulder Course, Columbia, MD, Oct 23-24, 2020
  32. Stryker Shoulder Master's Course, Webinar, Nov. 7, 2020
  33. Exactech Equinox Masters Course, Gainesville, FL Mar. 17-18, 2021
  34. 27th Annual Tampa Shoulder Course: Arthroplasty & Sports, Tampa, FL, Apr. 22-24, 2021
  35. Catalyst OrthoScience Women In Shoulder Webinar, Jun. 6, 2022
  36. Arthrex Advanced Shoulder Arthroscopy – The Cowboy Way, Naples, FL, Apr. 6-7, 2023
  37. Catalyst OrthoScience: Shoulder Arthroplasty in the ASC Webinar, Nov. 19, 2024

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### **Team and Athletic Event Coverage:**

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| 2005-2007  | Pre-participation varsity sports physicals and football game coverage, Philadelphia<br>Public High Schools, Philadelphia, PA       |
| 2006-2009  | Pre-participation varsity sports physicals, football and basketball game coverage,<br>University of Pennsylvania, Philadelphia, PA |
| 2007, 2009 | Sideline coverage, Penn Relays, Franklin Field, Philadelphia, PA                                                                   |
| Fall, 2007 | Pre-participation sports physicals, University of the Sciences, Philadelphia, PA                                                   |

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| 2009         | US Open [Tennis], event coverage, Flushing Meadows, NY                              |
| 2009-2010    | New York Mets, game & pre-season coverage, New York, NY & Port St. Lucie, FL        |
| 2009-2010    | St. Peter's College, pre-participation physicals and game coverage, Jersey City, NJ |
| 2010         | Sideline coverage, Maple Shade High School football, Maple Shade, NJ                |
| 2012-present | Head Team Physician, Rowan College at Burlington County, Pemberton, NJ              |

### **Honors and Awards:**

- Valedictorian, All-American (Lacrosse), Phyllis K. Lehman Award: Moorestown High School
- Phi Beta Kappa, Summa cum laude, 1st team Academic All-American: Vanderbilt University
- Alpha Omega Alpha, David R. Freedy Award: Vanderbilt University School of Medicine
- 2014, 2015 SJ Magazine "TOP DOC" in Sports Medicine
- 2015 SJ Magazine "TOP FEMALE DOC" in Sports Medicine
- 2016 SJ Magazine "TOP FEMALE DOC" in Orthopaedic Surgery
- 2017 International Association of Orthopedic Surgeons "TOP DOC"
- 2018 SJ Magazine "TOP DOC" in Sports Medicine
- 2018 South Jersey Magazine "TOP DOC" in Orthopaedic and Shoulder Surgery
- 2019 United States Tennis Association Sportsmanship Award
- 2021 South Jersey Magazine Top Physicians for Women
- 2021 New Jersey Monthly Bone & Joint Select Surgeons: Minimally Invasive Shoulder
- 2022 New Jersey Monthly Bone & Joint Select Surgeons: Minimally Invasive Shoulder
- 2022 South Jersey Magazine Top Physicians for Women
- 2023 New Jersey Monthly Bone & Joint Select Surgeons: Minimally Invasive Shoulder
- 2024 New Jersey Monthly Bone & Joint Select Surgeons: Shoulder Open Repair & Reconstruction, Shoulder Arthroscopic, and Minimally Invasive Shoulder
- 2025 South Jersey Magazine Top Physicians for Women
- 2025 South Jersey Magazine Top Physicians: Orthopedic Surgery

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**Personal:**

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- Maiden name: Andrea Joy Legath
- Married to Andrew M. Bowers since 2001; two children, Joshua and Regan
- Active with USTA tennis and coaching travel lacrosse
- Alumni interviewer, Vanderbilt University
- Parishioner, the Church of Our Lady of Good Counsel, Moorestown, NJ