

## CURRICULUM VITAE

### **Johnathan Alexander Bernard, M.D, M.P.H.**

National Sports Medicine Institute  
19455 Deerfield Avenue, Suite 312  
Lansdowne, VA 20176  
[jbernerdmd@nationalsportsmed.com](mailto:jbernerdmd@nationalsportsmed.com)  
703.729.5010 (office)  
703729.5833 (fax)

### **EDUCATION**

<i>United States Naval Academy</i> Annapolis, Maryland B.S. (Chemistry) <i>with Merit</i>	June 2000 - May 2004
<i>Yale University School of Medicine</i> New Haven, Connecticut M.D.	September 2004 - May 2009
<i>Harvard School of Public Health</i> Boston, Massachusetts M.P.H. (Health Management and Policy)	September 2007- May 2009

### **CO-CURRICULAR FELLOWSHIP**

<i>Mortimer B. Zuckerman Fellowship</i> Center for Public Leadership, Harvard Kennedy School, Cambridge, Massachusetts	September 2007 – May 2008 David Gergen Director
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### **POST DOCTORAL TRAINING**

<i>Internship</i> <i>Department of Orthopaedic Surgery</i> Johns Hopkins Hospital Baltimore, Maryland	July 2009 – June 2010 Dawn LaPorte, MD Program Director
<i>Residency</i> <i>Department of Orthopaedic Surgery</i> Johns Hopkins Hospital Baltimore, Maryland	July 2010 – June 2013 Dawn LaPorte, MD Program Director
<i>Chief Resident</i>	July 2013 – June 2014

*Department of Orthopaedic Surgery*  
Johns Hopkins Hospital  
Baltimore, Maryland

Dawn LaPorte, MD  
Program Director

*Clinical Fellow*  
*Sports Medicine and Shoulder Service*  
Hospital for Special Surgery  
New York, New York

August 2014- present  
Anil Ranawat, MD  
Bryan Kelly, MD  
Program Directors

*Senior Clinical Associate in Orthopaedic Surgery*  
Weil Cornell Medical College  
New York, New York

August 2014- present  
Scott Rodeo, MD  
David Altchek, MD  
Program Directors

### **CURRENT TEAM COVERAGE**

Assistant Team Physician  
New York Football Giants  
National Football League  
East Rutherford, New Jersey

August 2014- present  
Russell Warren, MD  
Scott Rodeo, MD  
Bryan Kelly, MD  
Team Physicians

Assistant Team Physician  
Iona College  
NCAA Division I  
New Rochelle, New York

August 2014- present  
Riley Williams, MD  
Team Physician

### **MEDICAL LICENSURE**

ABOS Part I passed July 2014  
ABOS Part II, *Eligible*  
NPI Number 1295964971  
New York State Licensure 273878-1

### **GRANT SUPPORT**

2012-2013 OMeGA Residency/Core Competency Innovation Grant: \$11,700

**Bernard JA, LaPorte, D.** Clinical and Surgical Approach to Shoulder Pathology:  
Development of an Outcome-Based Accreditation Model for Orthopaedic Surgical  
Residents, Johns Hopkins University

2013 Orthopaedic Research and Education Fund Resident Research Project Grant

Award: \$5,000

**Bernard JA**, Langdale E, Belkoff S, Jones L, Petersen S. Distal Clavicle Autograft for Reconstruction of Anterior Glenoid Deficiency due to Recurrent Glenohumeral Joint Instability – A Biomechanical Analysis, Johns Hopkins University

### **PEER-REVIEWED PUBLICATIONS**

**Bernard JA** Relationship Between Pre-Operative Statin Use and Post-Operative Infectious Complications In General and Non-Cardiac Surgery. *Yale J Biol Med.* 2009 December; 82 (4): 181-229 subarticle 9.

Tan EW, Jain A, Hassanzadeh H, **Bernard JA**, Lemma MA. Role of hematologic laboratory studies in the postoperative management of patients undergoing anterior cervical discectomy and fusion. *Orthopedics.* 2012;35(6):e917-921.

Guo JJ, **Bernard JA**, Tantisricharoenkul G, Petersen SA, McFarland EG. Floating glenoid after reverse total shoulder arthroplasty: a case report. *J Shoulder Elbow Surg.* 2012;21(10):e14-18.

**Bernard JA**, O'Daly A, LaPorte DM. Dorsal radiocarpal dislocation in a patient with Goldenhar syndrome: case report. *Hand.* 2013;8(3):320-323.

**Bernard JA**, Dattilo JR, LaPorte DM. The incidence and reporting of sharps exposure among medical students, orthopedic residents, and faculty at one institution. *J Surg Educ.* 2013 Sep-Oct;70(5):660-8.

**Bernard JA**, Riguard J, Tan E, Naziri Q, Zikria B. Sterile pretibial cyst formation following anterior cruciate ligament reconstruction with a bioabsorbable screw. *J Long Term Eff Med Implants.* 2013;23(1):61-5.

Strike, S, Brock AK, Naziri Q, **Bernard JA**, Zikria B. A Posteromedial Approach to a Complex Multifragmentary Avulsion Fracture of the Posterior Cruciate Ligament: A Case Report. *Journal of Orthopaedics and Rheumatology. J Orthopedics Rheumatol.* 2014;1(3): 4.

Bernholt DL, Hassanzadeh H, **Bernard JA**, Tis JE. Spondylodiscitis after ingestion of a lithium button battery. *JBJS Case Connector.* 2014;in press

Nayar SK, Dein EJ, Spiker AM, **Bernard JA**, Zikria BA. The Top 100 Cited Articles in Clinical Orthopaedic Sports Medicine. *The American Journal of Orthopaedics.* 2014 in press.

## **BOOKS AND BOOK CHAPTERS**

**Bernard JA**, Le T, Krause K. First Aid Basic Sciences – Organ Systems. New York: McGraw-Hill, 2008.

**Bernard JA**, Le T, Krause K. First Aid Basic Sciences – General Principles. New York: McGraw-Hill, 2008.

Wilckens JH, Freehill MT, Srikumaran U, **Bernard JA**. Approach to the patient with shoulder pain. In: Imboden JB, Hellman DB, Stone JH (eds). Current Diagnosis & Treatment: Rheumatology. New York: McGraw-Hill, 2013:71-78.

Mayer S, Bernard JA, Rodeo S. Meniscal Injuries Orthopaedic Knowledge Update: Sports Medicine in press

## **EDITORIAL EXPERIENCE**

Staff Editor, Yale Journal of Health Policy, Law, and Ethics 2009

Reviewer, HSS Journal: The Musculoskeletal Journal of Hospital for Special Surgery 2014

## **ABSTRACTS/PRESENTATIONS/COMMUNICATIONS**

**Bernard, JA**. (Oral Presentation): The efficacy of chlorpromazine against JC virus multiplication in a persistently infected SVG cell line.” Senior Research Project Presentation, US Naval Academy Chemistry Department, May 2004.

**Bernard, JA.**, Kinter, C., Hou, J., Major, E. (Poster Presentation): The efficacy of chlorpromazine and human beta interferon against JC virus multiplication in a persistently infected neuroglial cell line. US Naval Academy Chemistry Department Student Research Day; NINDS, NIH, 2004

**Bernard, JA**. (Oral Presentation): Inhibition of Human mTOR Signaling Pathway Through Slow-Release Rapamycin in human Saphenous Vein, Tissue Engineering Group, Yale School of Medicine, August 2005.

**Bernard, JA**. (Oral Presentation): From Polyomavirus to Rapamycin to Free Clinics: Lessons Learned from the NIH SIP. NINDS Summer Internship Program, Guest speaker, July 2007.

Xu, Y, **Bernard, JA**, Robyn, J, Kobus, K, Altshuler, A, Liu, Y. (Oral Presentation): Health System Analysis of Community Health Care Provision in the People’s Republic of China. Harvard School of Public Health China Initiative, Tsinghua University, Beijing, China, 2008.

**Bernard, JA**, Bero, C, Lee, T. (Oral Presentation): Evaluation of Barriers to Adoption of Health Information Technology in the Community Setting. Health Management Practicum, Harvard School of Public Health, Partners Community Health Care, Inc, Partners Inc, Boston, MA, 2008.

**Bernard, JA**, Rosenthal, R., Rogers, S. O. (Poster Presentation): Relationship Between Preoperative Statin Use and Postoperative Infectious Complications in General and Non-Cardiac Surgery, Student Research Day 2009, Yale School of Medicine, May 2009

Freehill MT, Ebel BG, Bancells RL, Farjoodi P, **Bernard JA**, Cosgarea AJ, Wilckens JH (Oral Presentation). Bridging the Gap: What are they throwing? Why is that important? Major League Baseball Team Physicians Association and Professional Baseball Trainers Association at the Major League Baseball Annual Winter Meetings. Orlando, Florida. December 2010

**Bernard, JA**. (Oral Presentation): Glenohumeral Instability, Thoughts on the NIH Summer Internship Program, and the Importance of Research: NIH Summer Internship Program, Guest speaker, July 2012

**Bernard JA**, Datillo, JR, Srikumaran U, Zikria B, LaPorte, D. (Poster Presentation): Clinical and Surgical Approach to Shoulder Pathology: Development of an Outcome-Based Accreditation Model for Orthopaedic Surgical. Residency/Core Competency Innovation Poster, American Orthopaedic Association Annual Meeting May 2013

**Bernard JA**, Dattilo JR, LaPorte DM. (Website Audio Slide Presentation) The incidence and reporting of sharps exposure among medical students, orthopedic residents, and faculty at one institution. J Surg Educ. 2013

Zikria, B, Spiker A, **Bernard JA**, Wilckens, JH. (Oral Presentation) Isolated Posterior Cruciate Ligament Injuries in Major League Baseball. Major League Baseball Team Physicians Association and Professional Baseball Trainers Association at the Major League Baseball Annual Winter Meetings. Orlando, Florida. December 2014

**Bernard JA**, Datillo, JR, Srikumaran U, Zikria B, LaPorte, D. (Electronic Poster Presentation): Clinical and Surgical Approach to Shoulder Pathology: Development of an Outcome-Based Accreditation Model for Orthopaedic Surgical Residents. Marvin R. Dunn Poster Session at the 2014 ACGME Annual Education Conference February 2014

**Bernard JA** (Oral Presentation) Management of Clavicle Fractures. HAAOT SIGN Fracture Care International/FOT/USAID Project Hope Second Annual Conference, Port-au-Prince, Haiti April 2014

**Bernard JA** (Oral Presentation) Management of Distal Humerus Fractures. HAAOT SIGN Fracture Care International/FOT/USAID Project Hope Second Annual Conference, Port-au-Prince, Haiti April 2014

**Bernard JA** (Oral Presentation) SIGN Fracture Care International Haiti Outreach 2014. Johns Hopkins Grand Rounds, Baltimore Maryland April 2014

**Bernard JA** (Oral Presentation) What is the Value of Eliminating the Burden of Musculoskeletal Disease? Viewing Orthopaedic Surgery as a Public Health Intervention. Chief Resident Grand Rounds, Johns Hopkins Grand Rounds, Baltimore, Maryland May 2014

Dein E, **Bernard JA**, Spiker A, Hassenzadeh H, Wilckens J, Zikria, B. Case Presentation of A Pediatric Knee Injury in Baseball (Oral Presentation), American College Sports Medicine Annual Meeting. Orlando, Florida. May 2014.

**Bernard JA.** Use of Autologous Distal Clavicle for Restoration of Anterior Inferior Glenoid Bone Loss A Biomechanical Comparison of Autologous Distal Clavicle to Autologous Coracoid Bone Grafts (Oral Presentation). Chief Graduation Research Talk, Johns Hopkins Hospital, June 2014

**Bernard JA**, Srikumaran U, Dattilo, J, Zikria B, LaPorte D. (Poster Presentation) The Validity and Reliability of Surgical Checklists in Teaching Three Different Open Surgical Approaches to the Shoulder. 31<sup>st</sup> Annual San Diego Shoulder Course. San Diego Shoulder Institute, San Diego, California. June 2014

Spiker A, **Bernard JA**, Sterling R, Osgood G, Laporte D, (Poster Presentation) Compartment Syndrome Training Assessment and Education Tool. 2014 Council of Orthopaedic Residency Directors (CORD) Conference, Combined Meeting of the American Orthopaedic Association and the Canadian Orthopaedic Association, Montreal, Canada June 2014

Bachabi M, Strike S, Dein E, Johnson A, **Bernard JA**, Deune EG, Laporte DL.(Scientific Exhibit) Evaluation and Treatment of Overuse Syndromes of the Hand, Wrist, and Elbow. 2015 AAOS Annual Meeting, Las Vegas, Nevada March 2015

Johnson A, Bachabi M, Dein E, Strike S, **Bernard JA**, Srikumaran S, Zikria B. (Scientific Exhibit) Diagnostic Injections About the Shoulder. 2015 AAOS Annual Meeting, Las Vegas, Nevada March 2015

Dewan AK, Spiker A, Williams AA, **Bernard JA**, Petersen SA, McFarland E, Khanna AJ, Srikumaran U. (Scientific Exhibit) Magnetic Resonance Imaging, Ultrasound, and Their Associated Arthroscopic Findings of Shoulder Disorders. 2015 AAOS Annual Meeting, Las Vegas, Nevada March 2015

Spiker A, **Bernard JA**, Sterling R, Osgood G, Laporte D (Scientific Exhibit) Orthopaedic Surgical and Technical Skill Training Assessment Tools. 2015 AAOS Annual Meeting, Las Vegas, Nevada March 2015

**Bernard JA**, Langdale E, Belkoff S, Petersen S. (Paper Presentation) Use of Autologous Distal Clavicle for Restoration of Anterior Inferior Glenoid Bone Loss. 2015 AAOS Annual Meeting, Las Vegas, Nevada March 2015

### **PRIOR TEAM EXPERIENCE**

U.S. Naval Academy Plebe Summer Physical Education Program Plebe Summer 2004  
Johns Hopkins University Athletics Pre-Season Physical Screenings 2012  
Goucher College Dance Physical Screenings 2012  
Mount Carmel High School Sideline Football Coverage 2012  
Johns Hopkins University Athletics: Sideline Football Team Coverage, Sideline Men's Lacrosse Team Coverage and Training Room Coverage 2011, 2012  
Baltimore Orioles, Major League Baseball Assistant Resident Team Physician 2013-2014  
Medical Screening NY City Public School Athletic League (PSAL) 2014

### **MILITARY SERVICE**

Midshipman, USN, U.S. Naval Academy 2000-2004  
Commissioned Ensign, Medical Corps, US Navy 2004  
Temporary Additional Duty, Naval Health Clinic Annapolis, 2004  
Armed Forces Health Professional Scholarship Program, ENS, MC, USNR Inactive Ready Reserve 2004  
Honorable Discharge Ensign, Medical Corps, US Navy Reserve 2009

### **HONORS AND AWARDS**

National Macy's Scholar 2000  
National Achievement Scholar 2000  
U.S. Naval Academy Dean's List 2001-2002  
U.S. Naval Academy Commandant's List 2002-2003  
U.S. Naval Academy Superintendent's List 2003-2004  
The National Institute of Neurological Disorders and Stroke Group Merit Award 2004  
Armed Forces Health Professional Scholarship Program 2004-2009  
Mortimer B. Zuckerman Fellowship 2007-2008  
Peter A. T. Grannum Award 2009  
Paul B. Harris Fellow, Rotary International 2009  
American Orthopaedic Association Resident Leadership forum 2013

### **PROFESSIONAL SOCIETY MEMBERSHIPS**

Phi Lambda Upsilon Honorary Chemical Society, Member 2002  
American Chemical Society, Member 2002

National Society of Collegiate Scholars, Member 2002  
Golden Key International Honor Society, Member 2003  
American Medical Student Association, Member 2004  
Student National Medical Association, Member 2004  
Medical Reserve Corps/ International Red Cross, Member 2004-2006  
American Academy of Orthopaedic Surgeons, Resident Member 2009  
International Congress for Joint Reconstruction, Resident Member 2012  
Arthroscopy Association of North America, Resident Member 2012  
American Orthopaedic Association, Emerging Leaders Program 2013

**MILITARY HONORS AND AWARDS**

Sharpshooter U.S. M-9 Pistol Qualification 2000  
Sharpshooter U.S. M-16 Rifle Qualification 2000  
National Defense Service Medal 2003