

**ABREVIATED CURRICULUM VITAE**  
**JOSEPH P. IANNOTTI, M.D. Ph.D.**

**OFFICE ADDRESS:**

Department of Orthopaedic Surgery A-41  
The Cleveland Clinic Foundation  
9500 Euclid Avenue  
Cleveland, Ohio 44195

**EDUCATION:**

1975 B.S. Fordham University New York Cum Laude Honors in Biology  
1979 M.D. Northwestern University Chicago  
1987 Ph.D. University of Pennsylvania Graduate School Philadelphia

**POSTGRADUATE TRAINING:**

1979-1980: General Surgery Resident,  
Hospital of University of Pennsylvania  
1980-1981: NIH Post-doctoral Research Fellowship,  
University of Pennsylvania  
1981-1983: Resident, Orthopaedic Surgery  
Hospital of University of Pennsylvania  
1980-1987: Graduate School PhD program, University of Pennsylvania,  
1983-1984: Chief Resident, Orthopaedic Surgery  
Hospital of University of Pennsylvania

**CLEVELAND CLINIC POSITIONS CURRENT:**

Chairman, Orthopaedic and Rheumatologic Institute 2008 – Present  
Maynard Madden Professor (Endowed chair) 2003 –  
Professor Surgery: Orthopaedic Surgery Cleveland Clinic Lerner School of Medicine Case  
Western Research University 2003 - present  
Department of Biomedical Engineering, Staff Joint appointment, 2000

**OTHER ADMINISTRATIVE POSITIONS CURRENT:**

Chairman, Scientific Advisor Board: Custom Orthopaedic Solutions 2014 - present  
Chairman, Board of Trustees, National Orthopaedic and Spine Alliance (NOSA)  
2014 – Present  
Chair, CarePath Steering Committee, Cleveland Clinic 2014- Present  
Member, Strategic Planning for Contracting and Programming 2015 - Present

**CLEVELAND CLINIC POSITIONS PAST:**

Chairman, Department of Orthopaedic Surgery, Cleveland Clinic 2000 – 2009  
Interim Chair Department of Orthopaedic Surgery July 2015 – July 2016  
Co-Director, Orthopaedic Research Center, Cleveland Clinic Foundation 2001-2005  
Director of Clinical Research 2009 – 2014  
Chair, Task Force for Clinical Research 2010  
Chair, Search Committee Chair Lerner Research Institute 2016  
Chair, Financial Innovation and Attribution Task Force, Cleveland Clinic 2016 - 2018

**PREVIOUS ACADEMIC POSITIONS:**

Assistant Professor, Orthopaedic Surgery University Pennsylvania, 7/1/84-6/30/93  
Director, Shoulder Study Group University of Pennsylvania; 1986-1994  
Associate Professor, (tenured) Orthopaedic Surgery Univ. of Penn. 6/30/93- 7/1/97  
Interim Chairman, Department of Orthopaedic Surgery, University of Pennsylvania Medical  
Center, 7/93-11/94  
Professor, Orthopaedic Surgery (tenured) University of Pennsylvania 7/1/97- 4/1/00  
Chief, Shoulder and Elbow Service Univ. of Pennsylvania, 1988-2000  
Senior Fellow, Leonard Davis Institute Univ. of Penn. 1997- 2000

**ACADEMIC HONORS AND AWARDS:**

1. Cum Laude, Fordham University, 1975
2. Biology Achievement Award, Fordham University, 1975
5. DeForest Willard Award, University of Pennsylvania Dept. Orthopaedic Surgery 1984
7. North American Traveling Fellowship: American Orthopaedic Assoc. 1985
8. American, British, Canadian Fellowship: American Orthopaedic Association 1993
9. Neer Research Award: American Shoulder Elbow Surgeons 1996
10. Neer Research Award: American Shoulder Elbow Surgeons 2001
11. Cleveland Clinic Orthopaedic Surgery Resident Teaching Award, 2006
12. Sones Innovator of the Year Award: Cleveland Clinic 2011
13. Neer Research Award: American Shoulder and Elbow Surgeons: 2015

**BOARD CERTIFICATION:**

1981 Diplomate: National Board of Medical Examiners Part I, II, and III  
1986 American Board Orthopaedic Surgery  
1996 Recertification American Board Orthopaedic Surgery  
2006 Recertification American Board of Orthopaedic Surgery  
2016 Recertification American Board of Orthopaedic Surgery

**STATE MEDICAL BOARD LICSENCE:**

Pennsylvania 1981- present (MD025030E)  
New Jersey 1997- present (MA065905)  
Ohio 2000- present (35077849)  
Illinois 2002- present (036-106197)  
Connecticut 2002 – present (02-676800)  
Michigan 2002 – present (4301079304)  
California 2002- present (86730)  
Florida 2010 –present (ME 108198)

**MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES:**

1. Orthopaedic Research Society 1984-present
2. American Academy of Orthopaedic Surgeons 1988- present
3. American Shoulder and Elbow Surgeons 1990- present
4. American Orthopaedic Association 1994- present
5. Mid-America Orthopaedic Society 2002- present
6. National Academy of Inventors 2017

**COMMITTEE APPOINTMENTS (National and International)**

**American Academy/Association of Orthopaedic Surgery**

1. Basic Science Committee, AAOS 1989-1994
2. Shoulder & Elbow Evaluation Committee- AAOS 1992-1993
3. Chairman Shoulder & Elbow Committee AAOS 1994-1999
4. Continuing Medical Education Committee – AAOS 1998-1999
5. Board of Directors; American Academy of Orthopaedic Surgeons 1999-2001
6. Oversight Panel Diversity in AAOS Co Chair 2002
7. Task Force: Resolutions and Bylaws (2000)
8. Task Force: Strategic Plan 2001 (2000)
9. Task Force: AAOS in 2005 Workshop (2000- 2001)
10. Project Team Chair; Academic Affairs (2001)
11. Chairman, Council of Academic Affairs, Member of the Board of Directors (2001-2004)
12. Nominating committee (2002)
13. Committee on Committees (non-voting member) Chair Council on Academic Affairs (2001-2004)
14. Horizontal Integration Team (2002-2004)
15. Nominating Committee (2006- 2007)
16. Task Force Evidence Based Medicine Rotator Cuff Tears: (2008-2009)

**American Orthopaedic Association**

17. Research Committee 1999-2001
18. North American Traveling Fellowship Committee 2001-2003
19. Critical Issues Committee 2001-2003
20. Program Committee 2002-2004
21. ABC Fellowship Committee 2004-2010

**American Shoulder and Elbow Surgeons**

22. Task Force Prosthetic Joint Infection (2014- present)
23. Board of Trustees J. Shoulder and Elbow Surgery (2008 – 2014)
24. Chairman Board of Trustees J. Shoulder and Elbows Surgery (2010 – 2014)
25. Planning and Development Committee (2007 -
26. Chairman, Nominating committee 2007
27. President 2005- 2006
28. President Elect 2004-2005
29. Executive Committee (Presidential Line) 2004-2007
30. Chairman, Education Committee 2003-2005
31. Nominating Committee 2002
32. Chairman, Finance Committee ASES 2001- 2003
33. Chairman Program Committee Am. Shoulder Elbow Soc. 1993,1995,1999
34. Research Committee 1994- 1997
35. Chairman, Traveling Fellowship Committee, ASES, 1994-1997
36. Membership Committee ASES 1998- 2002, Chairman 2000-2001

**OREF/ ABOS/ Misc.**

37. Nominating Committee, Philadelphia Ortho. Society 1992
38. OREF Grants Review Committee - 1991-1996
39. Board of Directors-Arthritis Foundation Eastern Penn. Chapter. 1994- 1997
40. Question Writing Task Force for the Orthopaedic Surgery Re-certification Examination, ABOS 1994- 1997

**Current Industry Consulting:**

1. Custom Orthopaedic Solutions (2015- Present)
2. DJO Orthopaedic (2015 -Present)

**Intellectual property royalties (current)**

1. DePuy Synthes
2. Tornier
3. Lippincott WW

**Past Industry Consulting**

1. Wyeth Pharmaceuticals (Growth factors and tendon healing 2008-2011 )
2. United Healthcare (Standards of Care in Orthopaedics 2005-2010 )
3. In Motion Research Institute (Development SAB 2005- 2009)
4. External Scientific Advisory Board Orthopaedic Research Center University of Calgary 2003- 2006.
5. Bone Solutions (Biologics) 2007- 2010
6. Tornier (Biologics) 2010 – 2013
7. DePuy Orthopaedics 1991- 2014
8. Zimmer 2012 – 2014
9. Integra 2015
10. Arthrex 2015

## CURRICULUM VITAE

JOSEPH P. IANNOTTI M.D., Ph.D.

### **RESEARCH GRANTS: Previous:**

1. "Isolation of Mitochondria from Pre-osseous Mammalian Cartilage" OREF Grant #509, 04/01/81-03/01/82, Principal Investigator. 15,000.00
2. "Scar Inhibition Using Cis-Hydroxyproline Magnetically Responsive Microspheres", OREF Grant #523 04/01/83-03/01/84 Principal Investigator. 15,000.00
3. "Cellular Regulation of Growth Plate Matrix Mineralization", NIH Clinical Investigator Award #3-K08-AM-01292, 07/01/84-06/30/89, Principal Investigator 750,000.00
4. "Scar Inhibition Using Cis-Hydroxyproline Magnetically Responsive Microspheres", OREF Grant #385-85, 01/01/85 - 12/30/86, Principal Investigator. 100,000.00
5. "Cellular Regulation of Growth Plate Matrix Mineralization", BRSG #2-S07-RR-05415-24, 04/01/85-03/31/86. Principal Investigator. 8,000.00
6. "Stimulation of Extremity Growth by Electrical Fields", NIH #2-RO1-AM-13812, 12/01/85 11/30/89 Co- Investigator
7. "Anatomic and Biomechanical Study for Prosthetic Design", Richards Medical Company, 01/01/90 to 12/31/90, Principal Investigator. 10,000.00
8. "Interaction of Hormones and Physical Stress on Bone Mass", NIH AR 39226, 09/01/88-08/31/92, Co-Investigator
9. "Structure and Metabolism of Cartilage Collagens", NIH #5-RO1-AR-37560, 03/01/89-02/29/92, Co-Investigation
10. "Training in Bone & Cartilage Research", NIH #5-T32-AR07132, 07/01/87-06/30/93,
11. The Bristol-Myers/Zimmer Grant for Excellence in Orthopaedic Research Orthopaedic Research and Education Fund", 250,000.00 1988 – 1993
12. "Serum Factors in Growth Plate Metabolism", Orthopaedic Research and Education Foundation 3/92 - 3/94, Principal Investigator \$150,000.
13. "Stimulation of Extremity Growth by Electrical Fields", NIH AR-13812, 1991- 1994, Co-Investigator,
14. "Kinematics of the Prosthetic Shoulder", DePuy Research Grant 7/1/94-7/1/95, Principal Investigator \$15,000.
15. "Kinematics of Glenohumeral Joint - DePuy Research Grant 9/92-3/97, Principal Investigator \$204,000.
16. Prosthetic Design of the Shoulder Johnson and Johnson 1997- 1999, 50,000.00, Principal Investigator.
17. Use of BMP-12 in Accelerated Healing of Rotator Cuff Repairs in a Sheep Model Genetics Institute 1998-1999, 80,000.00 Co-Principal Investigator,1998-99.
18. An in vivo Animal Model for Studying the Pathogenesis of Rotator Cuff Disease, Co-Investigator NIH- 1998-2000
19. Development of a New Training Program in Musculoskeletal Bioengineering Whitaker Foundation Co-Principal Investigator 950,000.00, 1999-2001. (Involvement terminated 4-00)
20. Use of BMP-12 in Accelerated Healing of Rotator Cuff Repairs in a Sheep Model Co-Principal Investigator, Genetics Institute, 300,000.00 10% effort. (Involvement terminated 4/00)
21. The Effect of Pain Tolerance on the Outcome of Shoulder Surgery Merck 5,000.00 Jan 2001-2002, Principal Investigator.

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JOSEPH P. IANNOTTI M.D., Ph.D.

### **Extramural Funding Previous (cont.)**

22. Glenoid Component Strain Patterns Associated With Glenoid Bone Loss and Component Malposition Principal Investigator JP Iannotti DePuy Johnson and Johnson 29,687.00, June 2000-2001
23. The Accuracy of Office Based Ultrasonography in the Diagnosis of Chronic Full Thickness Rotator Cuff Tears in Symptomatic Patients Undergoing Surgery 125,000.00 A Multicenter Pilot Study Principal Investigator JP Iannotti, Aglient Technologies November 2000-2001
24. Effect of humeral version of stability of the shoulder DePuy Johnson and Johnson 47,250.00 JP Iannotti Principal Investigator Dec 2001-Dec 2002.
25. Use of SIS as a tissue engineered substitute for flexor tendon graft in a dog model DePuy Johnson and Johnson 48,000.00 Jan 2002- August 2002. Co-Principal Investigator
26. Evaluation of the Healing of Rotator Cuff Repairs Factors Affecting Healing Principal Investigator JP Iannotti RPC Cleveland Clinic Foundation, 24,850.00 June 2000-2003.
27. Prospective Randomized Trial Using SIS Augmentation of Rotator Cuff Tears DePuy Johnson and Johnson, Principal Investigator 135,000.00 June 2001-2005.
28. Development of a chronic rotator cuff tears in an animal model correlation of muscle atrophy and muscle tissue tension. DePuy Johnson and Johnson 35,000.00 2003-2004.
29. The effect of cyclic mechanical loading of Alloderm as a tissue engineered bioscaffold for neo tendon formation in vitro using Mesenchymal Stem Cells and isolated Tenocytes (Co PI) Wright Medical 25,000.00 2003-2005
30. Use of 3-D modeling of CT scans to measure the glenoid fossa and vault anatomy (PI) DePuy Johnson and Johnson 167,000.00 2003-2006
31. Acellularization of Fascia as a tissue scaffold for tendon repair 350,000 (Co I, Kathe Derwin PI) Musculoskeletal Transplant Foundation (2003-2005)
32. Training Grant in Orthopaedic Surgery NIH T-32 (2004-2009) (1.7M) (Clinical PI, Peter Cavanagh BS PI)
33. Development of the canine rotator cuff model NIH R-21 275,000 2006-2008 Kathe Derwin PI, JPI Co I (5%)
34. Development of a preoperative surgical simulation tool for glenoid implants based upon 3D CT scan software TATRC DOD grant JP Iannotti (PI 5%) 2006- 2008 150K TDC
35. Effect of muscle atrophy of tendon tissue tension and healing after repair; Cleveland Clinic Department of Orthopaedic Surgery OORF grant 100,000.00 2007- 2008
36. Ars Arthro Iannotti (P.I.) 2005-2010 .24 cal mo \$454,292 total direct cost (N/A annual) Use of CaRes tissue engineered articular cartilage grafts in knee articular cartilage lesions. FDA phase I clinical trial. The main goal is to evaluate the safety and efficacy of the CaReS<sup>®</sup> implant for the repair of articular cartilage defects in the knee.
37. NIH 7T32AR050959-05 Iannotti (P.I.) 05/01/04 – 09/30/09 (NCE) 0.6 cal \$279,618/ year five years
38. Orthopaedic Research & Education Fdn Iannotti (P.I.) 2008-2010 0.6 cal mo \$50,000 annual direct Musculoskeletal Extension of a Generic Health Related Quality of Life Questionnaire
39. Orthopaedic Research & Education Fdn Iannotti (PI) \$25,000 annual direct 2009 – 2010
40. Orthopaedic Research & Education Fdn./POSNA Saluan, P (P.I.) 2009-2011\$40,000 annual Role: Co-Investigator
41. Research Contract Derwin (PI); Iannotti (Co-I), McCarron (Co-I) 3/09 – 2/10 Musculoskeletal Transplant Foundation \$204,000 annual direct

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**JOSEPH P. IANNOTTI M.D., Ph.D.**

### **Extramural Funding Previous (cont.)**

42. Research Contract McCarron (PI); Iannotti (PI) 8/08 – 9/12\_Weyth \$107,000 annual
43. Orthopaedic Research & Education Foundation Iannotti (PI) 2010 – 2011 25K Research support for the Shoulder and Elbow fellowship
44. Orthopaedic Research & Education Fdn./POSNA Saluan, P (P.I.) 2009-2011 50K Clinically relevant outcome questionnaire for adolescent patients with pain or injury in upper and lower extremities. Role: Co-Investigator
45. Research Contract Iannotti (PI) 2009-2011 200K Pfizer Pharmaceuticals Natural History of Rotator Cuff Repair in Human Patients
46. Research Contract Derwin (PI) 6/01/09 – 12/31/11 Musculoskeletal Transplant Foundation
47. Studies to investigate reinforced fascia lata for tendon repair augmentation in a human cadaver model
48. Research Grant Derwin (PI) 1/01/10 – 12/31/11 Musculoskeletal Transplant Foundation
49. Biocompatibility and Efficacy of Reinforced Fascia ECM for Augmentation of Rotator Cuff Repairs in a Canine Shoulder Model
50. BRCP State of Ohio Iannotti (P.I.) 2009-2012 1.2 cal mo \$3.5 million total direct (3 years) Patient Specific Instrumentation\_Pro prospective randomized clinical trial comparing accuracy of glenoid placement JP Iannotti MD, PhD PI
51. Factors associated with Glenoid Loosening Eric Ricchetti MD PI *Department Orthopaedic Surgery Innovation fund 75K 2013-2014*
52. Synovial IL6 associated levels for Prosthetic Infection in Hip Knee and Shoulder PI Iannotti PI Barsoum CoPI *Funded Department Orthopaedic Surgery Innovation fund 75K 2013-2014*
53. Rotator cuff repair using hyaluronan enriched fascia extracellular matrix 1 R01 AR056633-01 Derwin (PI); Iannotti (Co-I), McCarron (Co-I) 9/09-8/14 NIH \$250,000 annual direct 0.3 cal mo
54. Reinforced Extracellular Matrix for Soft Tissue Augmentation W81XWH-08-2-0034 AFIRM Kohn/Muschler (PIs) 02/08-02/13 Subaward: Derwin (PI); Iannotti (Co-I), McCarron (Co-I) \$200,902 annual direct 0.3 cal mo
55. BRCP State of Ohio Grant\_(2012- 2015) JP Iannotti PI No cost extension June 2016 2.1M TDC Tools to Improve Surgical Outcomes in Joint Replacement; Development and commercialization of pre-operative planning and patient specific instrumentation in orthopaedic surgery

## CURRICULUM VITAE

JOSEPH P. IANNOTTI M.D., Ph.D.

### Current Extramural Funding:

1. NIH 1 R01 AR068342 Kathe Derwin and JP Iannotti (CoPI) Failure with Continuity and its Relation to Rotator Cuff Repair Clinical Outcomes 04/2016 – 03/2021 2,471,349.00 TDC
2. Rotator Cuff Healing After Repair: Kathe Derwin and JP Iannotti Co PI. 17 patient Pilot Study defining failure with continuity using cuff markers, 3D CT and MRI imaging Department of Orthopaedic Surgery Innovation Fund 2015- 2016 125K TDC
3. Factors Associated Glenoid Component Loosening: E Ricchetti PI, JP Iannotti Co I 2 year Follow up study of 60 patients with 3D CT imaging OREF grant 2004- 2015 50K TDC
4. Synovial Cytokine levels and P.Acne associates with Pathogenesis of Osteoarthritis of the Shoulder Eric Ricchetti PI, JP Iannotti CoI, Department Orthopaedic Surgery Innovation fund 100K 2015-2016
5. Development of Biplanar Fluoroscopic Kinematic Measurement of Joint Motion after Shoulder Arthroplasty BJ Jun PhD and JP Iannotti CoPI 100K Department of Orthopaedic Surgery Innovation Fund 100K 2015- 2016
6. Role of Glenoid Trabecular Bone Density and Bone Quality of Glenoid Component Loosening: Clinical and Imaging follow up study BJ Jun PhD and JP Iannotti, CoPI Department of Orthopaedic Surgery Innovation fund 40K 2015- 2016
7. Factors Associated with Glenoid Notching after Reverse TSA Eric Ricchetti PI Retrospective clinical study using kinematic measurements of the shoulder and patient specific computer simulation of joint motion Funded DePuy, Synthes 2013 – 2016 76K

**Awarded PATENTS: US and INTERNATIONAL = 113**

December 2016

USPTO number and title

1	9,439,769	Mobile bearing glenoid prosthesis
2	9,439,768	Glenoid vault fixation
3	9,439,704	Methods and devices for bone preparation
4	9,414,927	Shoulder arthroplasty
5	9,326,781	Apparatus and method for providing a reference indication to a patient tissue
6	9,265,524	Devices and methods for tissue graft delivery
7	9,254,155	System and method for assisting with arrangement of a stock instrument with respect to a patient tissue
8	9,254,135	Arthroplasty instruments and associated method
9	9,241,804	Prosthetic articulation surface mounting
10	9,216,046	Methods and devices for bone preparation
11	9,198,732	Apparatus and method for dictating at least one of a desired location and a desired trajectory for association of a landmark with a patient tissue
12	9,194,819	Systems and methods for inspecting reinforced concrete structures
13	9,186,158	Reciprocating rasps for use in an orthopaedic surgical procedure
14	9,149,362	Instrument for preparing an implant support surface and associated method
15	9,107,629	Spreading retractor
16	9,033,990	Directed structure placement guide
17	9,011,452	Positioning apparatus and method for a prosthetic implant
18	8,992,539	Apparatus and method for providing a reference indication to a patient tissue
19	8,974,458	Arthroplasty instruments and associated method
20	8,926,627	Apparatus and method for transferring predetermined spatial positioning information to an adjustable tool
21	8,920,508	Glenoid vault fixation
22	8,882,845	Mobile bearing glenoid prosthesis
23	8,821,499	Positioning apparatus and method for a prosthetic implant
24	8,790,350	Instrument for preparing an implant support surface and associated method
25	8,784,429	Distance indicator
26	8,763,268	Method and apparatus for guiding motion along a desired motion trajectory
27	8,731,885	Method and apparatus for preparing for a surgical procedure
28	8,696,680	Method and apparatus for insertion of an elongate pin into a surface

29	8,556,901	Reciprocating rasps for use in an orthopaedic surgical procedure
30	8,529,445	Spreading retractor
31	8,419,798	Joint prosthesis with infinitely positionable head
32	8,380,471	Method and apparatus for preparing for a surgical procedure
33	8,379,217	System and method for optical sensor interrogation
34	8,366,713	Arthroplasty instruments and associated method
35	8,241,365	Shoulder prosthesis with vault-filling structure having bone-sparing configuration
36	8,231,683	Shoulder prosthesis assembly having glenoid rim replacement structure
37	8,198,895	System and method for magnetic resonance coil actuation
38	8,105,327	Punch, implant and associated method
39	8,070,755	Joint arthroplasty kit and method
40	8,014,984	Method and apparatus for preparing for a surgical procedure
41	7,927,335	Instrument for preparing an implant support surface and associated method
42	7,604,665	Glenoid component for shoulder arthroplasty
43	7,527,631	Arthroplasty sizing gauge
44	7,431,736	Device and method for positioning an eccentric humeral head of a humerus prosthesis for a shoulder arthroplasty
45	7,338,498	Prosthetic implant, trial and associated method
46	6,699,289	Augmented glenoid component having an interrupted surface and associated method for securing the augmented glenoid component to a glenoid surface of a scapula

**Visiting Professorships: (83)**

1. Medical College of Pennsylvania - 1984.
2. University of California San Francisco V.A. Medical Center, 1985.
3. University of California San Francisco County Hospital 1985.
4. Stanford University 1985.
5. University of Oregon (Portland), 1985.
6. University of Oregon (Eugene), October, 1985.
7. University of Calgary, 1985.
8. University of British Columbia, 1985.
9. Hospital for Special Surgery, Cornell Medical Center, 1985.
10. Harvard Medical School Department of Orthopaedic Surgery, 1986.
11. Albert Einstein Medical School Magee Rehabilitation Center Philadelphia, 1987.
12. Albert Einstein Medical Center Philadelphia 1991.
13. Columbia University, 1992.
14. Ohio State University 1992.
15. University Texas, San Antonio 1992.
16. Albert Einstein Medical Center 1993.
17. Hahnemann University Medical Center 1993
18. Oxford University 1993.
19. Cambridge University 1993.
20. Robert Jones Agnes Hunt Hospital, 1993.
21. University Hospital, Cardiff 1993.
22. Witwatersrand Hospital, University South Africa 1993.
23. Medical University of Southern Africa (MEDUNSA) 1993.
24. University of Durban 1993.
25. Princess Alice Hospital South Africa 1993.
26. University Hospital, Stellenbosch University South Africa 1993.
27. University Hospital, Blomfontein South Africa 1993.
28. Hospital for Joint Diseases 1993.
29. Georgetown University 1994.
30. Brown University 1994.
31. George Washington University 1994.
32. University of Fribourg 1995.
33. Northwestern University 1995.
34. Brigham and Women's Hospital 1995.
35. Yale University 1995.
36. Allegheny University Hospitals 1997.
37. Brazilian Shoulder and Elbow Society 1998.
38. Johns Hopkins Medical Center 1999.
39. University of Washington 2001.
40. University of Washington, St Louis Orthopaedic Society 2001.

**(Visiting Professorships)**

41. Harvard School of Medicine 2001.
42. Akron General Hospitals 2001
43. Medical College of Ohio 2001.
44. University of Pittsburgh 2001
45. Rochester School of Medicine 2002
46. Case Western University 2002.
47. Dartmouth School of Medicine 2002.
48. Mid-America Orthopaedic Association (Presidents Guest Speaker) 2002.
49. University of California Irvine 2002.
50. University of Kentucky 2002.
51. University of Pennsylvania 2002.
52. Philadelphia Orthopaedic Society (Gill Lectureship) 2002.
53. New England Orthopaedic Society,2003.
54. Mount Carmel West 2004.
55. University Of Michigan (Badgely Lecture) 2004.
56. University of Missouri Kansas City Missouri Medical School (Rex L. Diveley lectureship)2005
57. University of Vermont (John Frymoyer Lectureship)\_2005.
58. Beth Israel Medical Center 2005
59. Chilean Orthopaedic and Traumatology Society 2005.
60. St Luke's Medical Center (Huston Texas) 2006
61. University of California San Francisco (Inman and Abbott Lectureships) 2006.
62. European Society for Shoulder and Elbow (Presidential Guest Speaker) 2006.
63. Massachusetts General Hospital Harvard School of Medicine 2006
64. New York University and Hospital Joint Diseases (Codman Visiting Professor) 2006
65. American Orthopaedic Foot and Ankle Society (Presidential Guest Speaker) 2007.\
66. University of Pennsylvania (Gentchos Lectureship) 2008
67. Mayo Clinic (Coventry Visiting Professorship) 2009
68. InMotion Quarterly Musculoskeletal Lecture Series, Memphis, TN (Visiting Professor) 2009
69. DePalma Lecture Jefferson Orthopaedic Society Rothman Institute 2011.
70. Mid-Atlantic Shoulder and Elbow Society Meeting, 2011.
71. Hadassah Symposium. Jerusalem, Israel. 2012.
72. 39<sup>th</sup> Annual Meeting of the Japan Shoulder Society. Tokyo, Japan. 2012
73. Schulich School of Medicine and Dentistry Western University St. Joseph's Health Care London. 2012.
74. Jefferson Orthopaedic Society May 10<sup>th</sup> 2013 Philadelphia Pennsylvania
75. University Pennsylvania. Inaugural opening of the Musculoskeletal Institute September 2014.
76. University of Minnesota Department of Orthopaedic Surgery 2014.
77. University of Zurich Balgrist Visiting Professor June 2014.
78. Philadelphia College of Osteopathic Medicine Philadelphia May 27<sup>th</sup> 2016.
79. University of Zurich Balgrist Visiting Professor April 2017
80. Houston Shoulder Society May 2017
81. USC Keck School of Medicine June 2017
82. University of Cincinnati July 2017

**(Visiting Professorships)**

83. Columbia University December 2017

**CURRICULUM VITAE****JOSEPH P. IANNOTTI M.D., Ph.D.****National and International Presentations****Last four years**

616. Pre-Operative Planning in Total Shoulder Arthroplasty Current Solution is Shoulder and Elbow Surgery January 11<sup>th</sup> – 13<sup>th</sup> Tampa Florida 2013
617. Indication and Pre-operative Planning in Reverse TSA Current Solution is Shoulder and Elbow Surgery January 11<sup>th</sup> – 13<sup>th</sup> Tampa Florida 2013
618. Augmentation in Rotator Cuff Repair Current Solution is Shoulder and Elbow Surgery January 11<sup>th</sup> – 13<sup>th</sup> Tampa Florida 2013
619. Inferior Glenoid Bone Loss in Total Shoulder Arthroplasty Ohio Shoulder and Elbow Society January 26<sup>th</sup> 2013 Columbus Ohio 2013
620. ICL 268 - Reverse TSA: Beyond the Basics – Management of Humeral Bone Loss American Academy of Orthopaedic Surgery March 19<sup>th</sup> – 23<sup>rd</sup> 2013 Chicago Illinois
621. Zimmer Education: Patient Specific Instrumentation for Total Shoulder Arthroplasty American Academy of Orthopaedic Surgery March 19<sup>th</sup> – 23<sup>rd</sup> 2013 Chicago Illinois
622. Podium presentation: Scapular Morphology & Surgical Techniques as Predictors of Notching in Reverse Shoulder Arthroplasty American Academy of Orthopaedic Surgery March 19<sup>th</sup> – 23<sup>rd</sup> 2013 Chicago Illinois
623. Podium Presentation: Sensitivity of Frozen Section Histology for Identifying P. acnes Infections in Revision Shoulder Arthroplasty American Academy of Orthopaedic Surgery March 19<sup>th</sup> – 23<sup>rd</sup> 2013 Chicago Illinois
624. Massive Rotator Cuff Repair: Augmentation American Shoulder and Elbow Surgeons Open Meeting March 23<sup>rd</sup> 2013
625. Case Panel Discussion: 48 year old male with a massive cuff tear...What will you really do and why? American Shoulder and Elbow Surgeons Open Meeting March 23<sup>rd</sup> 2013
626. Clinical and Radiographic Factors Associated with Glenoid Component Osteolysis: 2-8 yr follow up American Shoulder and Elbow Surgeons Open Meeting March 23<sup>rd</sup> 2013
627. Diagnosis and management of shoulder arthroplasty infection 13<sup>th</sup> Annual Cutting Edge May 7<sup>th</sup> 2013 Cleveland Ohio
628. Visiting Professor: Development and Commercialization of Intellectual Property Jefferson Orthopaedic Society May 10<sup>th</sup> 2013 Philadelphia Pennsylvania 2013
629. Orthopaedic & Rheumatologic Institute at CCF, Quality and Patient Safety Summit May 23<sup>rd</sup> 2013 Cleveland Ohio  
Development of Pre-operative planning tools and patient specific instrumentation Cleveland Clinic Abu Dhabi Visiting Professor Lecture Series May 27<sup>th</sup> 2013 Abu Dhabi
630. Implementing Value Based Health Care: The Cleveland Clinic Experience AAOS Shifting from Volume to Value
631. Use of Postoperative CT Imaging with Metal Artifact Reduction in TSA The Phoenix Shoulder and Elbow Society July 12- 13<sup>th</sup> 2013 Washington DC
632. Complications in Shoulder Arthroplasty DePuy Shoulder Revision Arthroplasty and Cadaver Course August 16<sup>th</sup> 2013 Atlanta, Georgia
633. Controlled Humeral Osteotomy DePuy Shoulder Revision Arthroplasty and Cadaver Course August 16<sup>th</sup> 2013 Atlanta, Georgia

**CURRICULUM VITAE****JOSEPH P. IANNOTTI M.D., Ph.D.**

## **National and International Presentations**

### **Last four years**

634. Value Based Health Care: The Cleveland Clinic Experience American Shoulder and Elbow Society Closed Meeting October 13- 15<sup>th</sup> 2013 Las Vegas Nevada
635. Smart Instrumentation for Shoulder and Hip Replacement-26<sup>th</sup> International Society for Technology in Arthroplasty October 16<sup>th</sup> – 19<sup>th</sup> Palm Beach Florida.
636. Artifact Reduction and 3D CT Imaging After Joint Replacement of the Shoulder 26<sup>th</sup> International Society for Technology in Arthroplasty October 16<sup>th</sup> – 19<sup>th</sup> Palm Beach Florida
637. A Feasibility Study of Using Clinical CT in Quantifying Glenoid Implant Motion 26<sup>th</sup> International Society for Technology in Arthroplasty October 16<sup>th</sup> – 19<sup>th</sup> Palm Beach Florida
638. Pre-operative Planning/Imaging for TSA Current Solutions in Shoulder and Elbow Surgery January 17<sup>th</sup> – 19<sup>th</sup> 2014
639. Short Stem vs Long Stem Current Solutions in Shoulder and Elbow Surgery January 17<sup>th</sup> – 19<sup>th</sup> 2014
640. Pre-Operative Planning for RTSA Current Solutions in Shoulder and Elbow Surgery January 17<sup>th</sup> – 19<sup>th</sup> 2014
641. Case Presentation Complex Shoulder Arthroplasty-Control American Academy Orthopaedic Surgeons March 10<sup>th</sup> – 15<sup>th</sup> 2014 New Orleans
642. ICL 270 PSI with glenoid bone loss Management of Glenoid Bone Loss in Primary and Revision TSA American Academy Orthopaedic Surgeons March 10<sup>th</sup> – 15<sup>th</sup> 2014 New Orleans
643. Zimmer Education: Patient Specific Instrumentation American Academy Orthopaedic Surgeons March 10<sup>th</sup> – 15<sup>th</sup> 2014 New Orleans
644. ICL 281 Reverse for Acute Fractures and Sequelae for PHF: Complications Reverse TSA American Academy Orthopaedic Surgeons March 10<sup>th</sup> – 15<sup>th</sup> 2014 New Orleans
645. Remaining Competitive in the Challenging Practice Landscape- National Provider Networks American Academy Orthopaedic Surgeons March 10<sup>th</sup> – 15<sup>th</sup> 2014 New Orleans
646. Serum IL-6 in Prosthetic Joint Infections American Academy Orthopaedic Surgeons March 10<sup>th</sup> – 15<sup>th</sup> 2014 New Orleans
647. Early versus late culture growth characteristics in P. Acnes positive periprosthetic shoulder infections American Academy Orthopaedic Surgeons March 10<sup>th</sup> – 15<sup>th</sup> 2014 New Orleans
648. Challenges and Controversies for Massive RCT: Biologics and Augmentation of RCR American Academy Orthopaedic Surgeons March 10<sup>th</sup> – 15<sup>th</sup> 2014 New Orleans
649. Current Concept on Cuff Failure: What are Our (Your) Options? Arthroscopy Association of North America March 15<sup>th</sup> 2014 New Orleans
650. The Severely Compromised Cuff: Arthroscopic Reconstruction Using Allograft Matrix 14<sup>th</sup> Annual Cutting Edge May 6<sup>th</sup> 2014 Cleveland Ohio
651. Use of 3D imaging and smart instrumentation for placement of a glenoid component results of a randomized clinical trial Annual Cutting Edge May 6<sup>th</sup> 2014 Cleveland Ohio

## **CURRICULUM VITAE**

### **National and International Presentations**

**JOSEPH P. IANNOTTI M.D., Ph.D.**

## **Last four years**

652. Anterior Instability Glenoid and Humeral Bone Loss DePuy Shoulder Course Las Vegas June 29<sup>th</sup> , 30<sup>th</sup> 2014
653. Rotator Cuff Repair: Options, Surgical Techniques, When to Repair, Is Augmentation Ever Useful? DePuy Shoulder Course Las Vegas June 29<sup>th</sup> , 30<sup>th</sup> 2014
654. Principles of Shoulder Arthroplasty: What makes a total shoulder replacement "anatomic" Management of Glenoid Bone Loss DePuy Shoulder Course Las Vegas June 29<sup>th</sup> , 30<sup>th</sup> 2014
655. Revision Shoulder Arthroplasty & Complex Scenarios DePuy Shoulder Course Las Vegas June 29<sup>th</sup> , 30<sup>th</sup> 2014
656. GLOBAL STEPTECH Sawbones DePuy Shoulder Course Las Vegas June 29<sup>th</sup> , 30<sup>th</sup> 2014
657. New imaging modalities after joint replacement: Measurement of glenohumeral relationships and implant positioning University of Zurich Balgrist Visiting Professor, June 3<sup>rd</sup> 2014
658. Pre-operative planning and smart instrumentation for shoulder arthroplasty University of Zurich Balgrist Visiting Professor June 4<sup>th</sup> 2014.
659. The Role of Patient Specific Instrumentation (PSI) & Posterior Augmented Glenoid: Nice Shoulder Course June 5<sup>th</sup> – 7<sup>th</sup> 2014.
660. Unexpected prosthetic joint infection Nice Shoulder Course June 5<sup>th</sup> – 7<sup>th</sup> 2014.
661. Failure with Continuity after Rotator Cuff Repair Nice Shoulder Course June 5<sup>th</sup> – 7<sup>th</sup> 2014.
662. GLOBAL UNITE-Anatomic Platform Shoulder System Surgical Technique: DePuy Shoulder Course, Rosemont Illinois, July 11<sup>th</sup> 2014.
663. Reverse Solutions DePuy Shoulder Course, Rosemont Illinois, July 11<sup>th</sup> 2014.
664. GLOBAL UNITE Platform Shoulder System Design Rationale: DePuy Boston August 15<sup>th</sup> 2014
665. GLOBAL UNITE Anatomic Platform Shoulder System Surgical Technique DePuy Boston August 15<sup>th</sup> 2014
666. Principles of Shoulder Arthroplasty: DePuy Boston August 15<sup>th</sup> 2014
667. Innovation and Commercialization of Intellectual Property: A Case Study: Visiting Professor University Pennsylvania. Inaugural opening of the Musculoskeletal Institute September 8<sup>th</sup> 2014.
668. Debate Two: Tilt "Scmilt": Either Inferior Offset or Lateralization is All You Need ASES Closed Meeting Pinehurst North Carolina, October 10<sup>th</sup> – 12<sup>th</sup> , 2014.
669. Patient Specific Instrumentation.....During Reserve Shoulder Arthroplasty ASES Closed Meeting Pinehurst North Carolina, October 10<sup>th</sup> – 12<sup>th</sup> , 2014.
670. Synovial Fluid Interleukin-6 As a predictor of periprosthetic shoulder infection ASES Closed Meeting Pinehurst North Carolina, October 10<sup>th</sup> – 12<sup>th</sup> , 2014.
671. Diagnosis and Management of the Infected Shoulder Arthroplasty: Tampa Shoulder Course Tampa Florida, January 16<sup>th</sup>- 17<sup>th</sup> 2015.

## **CURRICULUM VITAE**

### **National and International Presentations**

#### **Last four years**

**JOSEPH P. IANNOTTI M.D., Ph.D.**

672. Pre-Operative Planning for RTSA Tampa Shoulder Course Tampa Florida, January 16<sup>th</sup>- 17<sup>th</sup> 2015.
673. Getting the Humerus Right in Anatomical TSA Tampa Shoulder Course Tampa Florida, January 16<sup>th</sup>- 17<sup>th</sup> 2015.
674. Treatment options for rglenoids with significant posterior wear: Current treatment options; Auckland New Zealand March 6<sup>th</sup> 2015.
675. Reverse total shoulder arthroplasty for management of severe soft tissue and bone loss in revision total shoulder arthroplasty Auckland New Zealand March 6<sup>th</sup> 2015.
676. New tools for diagnosis for prosthetic joint infection and surgical management of the infected prosthetic Auckland New Zealand March 6<sup>th</sup> 2015.
677. Principles of Anatomic TSA Auckland New Zealand March 6<sup>th</sup> 2015.
678. ICL Patient Specific Instrumentation in patients with glenoid bone loss-- Management of Bone loss in primary and revision shoulder arthroplasty AAOS Annual Meeting Las Vegas March 23<sup>rd</sup> – 27<sup>th</sup> 2015.
679. ICL Case presentations How to avoid complications in reverse TSA AAOS Annual Meeting Las Vegas March 23<sup>rd</sup> – 27<sup>th</sup> 2015.
680. Reverse Total Shoulder Arthroplasty in the USA: The first 10 years; Where we started, where we are and where we are going: The use of 3D Imaging for Pre -operative planning and PSI for RSA AAOS Annual Meeting Las Vegas March 23<sup>rd</sup> – 27<sup>th</sup> 2015.
681. Algorithmic Approach and Promise of New Techniques ICL: Infected shoulder arthroplasty: Diagnostic Dilemmas, Treatment Options and Current Controversies AAOS Annual Meeting Las Vegas March 23<sup>rd</sup> – 27<sup>th</sup> 2015.
682. Case Presentations Complex Shoulder Arthroplasty AAOS Annual Meeting Las Vegas March 23<sup>rd</sup> – 27<sup>th</sup> 2015.
683. The role of PSI in Shoulder Arthroplasty Symposium Controversies in Shoulder Arthroplasty
684. Three Dimensional Imaging and Templating Improves Glenoid Implant Positioning AAOS Annual Meeting Las Vegas March 23<sup>rd</sup> – 27<sup>th</sup> 2015.
685. Complications of Reverse TSA and ARS cases: Reverse TSA for management of acute fractures and their sequelae Complications AAOS Annual Meeting Las Vegas March 23<sup>rd</sup> – 27<sup>th</sup> 2015.
686. When/How to Treat with a Hemi-arthroplasty for Fracture ASHS Specialty Day Las Vegas March 28<sup>th</sup> 2015.
687. When/how to Treat with a Reverse Total Shoulder for Fracture ASHS Specialty Day Las Vegas March 28<sup>th</sup> 2015.
688. Centers for excellence for musculoskeletal care: What do they offer employers? Panel Rothman Healthcare Summit: Philadelphia, PA April 21<sup>st</sup> 2015
689. The Cleveland Clinic Experience AAOS Value Based Health Care Washington DC May 28<sup>th</sup> 2015
690. Augmented glenoid components or posterior bone graft for treatment of posterior bone loss Munich Shoulder Course October 16<sup>th</sup> 2015

## **CURRICULUM VITAE**

**JOSEPH P. IANNOTTI M.D., Ph.D.**

### **National and International Presentations**

#### **Last four years**

691. Convertible vs reversible systems: Pros & Cons Munich Shoulder Course October 17<sup>th</sup> 2015
692. The Future of Shoulder Arthroplasty Munich Shoulder Course 14<sup>th</sup> 2015 October 17<sup>th</sup> 2015
693. 3-D Imaging of TSA-present and future Munich Shoulder Course October 17<sup>th</sup> 2015
694. Introduction to the Global Unite Platform Shoulder System DePuy Shoulder Course St Louis January 15<sup>th</sup> 2016
695. Defining Rotator Cuff Healing-Clinical Implications Arab Health Dubai January 25<sup>th</sup> 2016
696. Surgical management of proximal humeral fractures: Indications, technique and outcomes Arab Health Dubai January 25<sup>th</sup> 2016
697. Management of the irreparable rotator cuff tear, role of reverse total shoulder arthroplasty Arab Health Dubai January 26<sup>th</sup> 2016
698. Pre-Operative Planning in Shoulder Arthroplasty Current Solutions 2016 Tampa Shoulder Course February 6<sup>th</sup>
699. Design Implications in Anatomic TSA Current Solutions 2016 Tampa Shoulder Course February 6<sup>th</sup>
700. Glenoid Exposure DJO Fellows Shoulder Course Indianapolis April 8<sup>th</sup> 2016.
701. Management of Humeral Bone Loss Reverse TSA- DJO Fellows Shoulder Course Indianapolis April 9<sup>th</sup> 2016.
702. Revision from Anatomic RSA DJO Fellows Shoulder Course Indianapolis April 9<sup>th</sup> 2016.
703. Failed Rotator Cuff Repair: What to do? ICSES Jeju Island South Korea May 20<sup>th</sup> 2016.
704. Focus on Glenoid Side with Superior Baseplate Fixation, Patient Specific Lateralization and Glenoid Positioning ICSES Jeju Island South Korea May 20<sup>th</sup> 2016.
705. Challenging in Primary Reverse Arthroplasty: ICSES Jeju Island South Korea May 20<sup>th</sup> 2016
706. 3D virtual implantation of the RSA: which implant? which position? which orientation? ICSES Jeju Island South Korea Ma4 20<sup>th</sup> 2016
707. Shoulder Arthroplasty and Mangement of Glenoid Bone Loss Visiting Professor Philadelphia College of Osteopathic Medicine Philadelphia May 27<sup>th</sup> 2016.
708. Session will cover Rotator Cuff Arthropathy with profound loss of E.R. Severe Glenoid Bone Loss and Revision of Failed TSR to Reverse San Diego Shoulder Course June 23<sup>rd</sup> 2016
709. Irreparable RCT without Arthritis; Irreparable Subscap Tear with TSR San Diego Shoulder Course June 23<sup>rd</sup> 2016
710. Revision of a Failed TSR to Reverse San Diego Shoulder Course June 23<sup>rd</sup> 2016
711. Biologic Augmentation has a Role: Evidence & Experience San Diego Shoulder Course June 23<sup>rd</sup> 2016
712. Revision TSA Anatomic to Reverse DJO Revision Shoulder Course Tampa August 5<sup>th</sup> 2016
713. Use of Bone Graft for Revision Glenoid Surgery DJO Revision Shoulder Course Tampa August 6<sup>th</sup> 2016
714. Tips & Pearls of Glenoid Exposure DJO Shoulder Course Boston October 15<sup>th</sup> 2016
715. Shoulder Arthroplasty Case Review DJO Shoulder Course Boston October 15<sup>th</sup> 2016.
716. Design and Development of Biologic Meshes for Orthopaedic Applications: Opportunities and Challenges: Technology and Innovation for Physicians and Surgeons (TIPS) Cleveland October 22<sup>nd</sup> 2016.

## **CURRICULUM VITAE**

**JOSEPH P. IANNOTTI M.D., Ph.D.**

### **National and International Presentations**

#### **Last four years**

717. Patient Specific Instrumentation Technology and Innovation for Physicians and Surgeons

(TIPS) Cleveland October 22<sup>nd</sup> 2016.

718. Transforming your Orthopaedic Practice: A Case Study Cleveland Clinic Innovations Summit October 25<sup>th</sup> 2016
719. How I Do a Revision TSA: 5th Annual Comprehensive Shoulder Course Las Vegas November 4<sup>th</sup> 2016.
720. Point-Counterpoint Debates: Biologics (Patch, PRP) vs No Biologics 5th Annual Comprehensive Shoulder Course Las Vegas November 4<sup>th</sup> 2016.
721. What would you do? Case-based Presentations 5th Annual Comprehensive Shoulder Course Las Vegas November 4<sup>th</sup> 2016.
722. 3D preoperative planning and patient specific instrumentation for arthroplasty surgery Arab Health Dubai January 28<sup>th</sup> 2017.
723. Indications and results of primary reverse arthroplasty for management of proximal humeral fractures Arab Health Dubai January 29<sup>th</sup> 2017
724. Arthroscopic repair of rotator cuff and healing after repair Arab Health February 2<sup>nd</sup> 2017.
725. Medialization Lateralization: Why, when and how to do it? Paris International Shoulder Course Paris February 11<sup>th</sup> 2017
726. Preoperative Planning in RSA Paris International Shoulder Course Paris February 11<sup>th</sup> 2017
727. 3D preoperative planning and patient specific instrumentation improve glenoid component positioning: AAOS Annual Meeting San Diego March 14<sup>th</sup> 2017.
728. 3D preoperative planning and patients specific instrumentation improve glenoid component positioning ASES Open Meeting San Diego March 18<sup>th</sup> 2017.
729. Management of the massive irreparable cuff tear in the younger patient: Graft Augmentation ASES Open Meeting San Diego March 18<sup>th</sup> 2017.
730. Glenoid Component Failure Balgrist Hospital Zurich Switzerland March 28<sup>th</sup> 2017
731. The role of Patient Specific Instrumentation Balgrist Hospital Zurich Switzerland March 28<sup>th</sup> 2017
732. Anatomic vs Reverse TSA for glenoid bone loss DJO Shoulder Course Indianapolis IN April 6<sup>th</sup> 2017
733. Patient Specific Instrumentation DJO Shoulder Course Indianapolis IN April 6<sup>th</sup> 2017
734. Pathology and Pathogenesis of Glenohumeral Osteoarthritis Houston Shoulder Society Meeting May 11<sup>th</sup> 2017 Houston Texas
735. J. Paul Harvey Memorial Lecture Primary Glenohumeral Osteoarthritis: Pathology and Pathogenesis USC Keck School of Medicine June 15<sup>th</sup> 2017
736. Visiting Professor Lecture Pre-operative planning and Patient Specific Instrumentation USC Keck School of Medicine June 15<sup>th</sup> 2017
737. Modified Walch Classification in Shoulder OA Pathology and Pathogenesis Phoenix Shoulder and Elbow Society Avalon New Jersey July 13<sup>th</sup> 2017
738. Miller Lectureship Visiting Professor: Pathology and Pathogenesis of Glenohumeral Osteoarthritis University of Cincinnati July 28<sup>th</sup> 2017
739. Management of Glenoid Bone Loss and Use of Patient Specific Instrumentation in Anatomic TSA Osteoarthritis University of Cincinnati July 28<sup>th</sup> 2017

## **CURRICULUM VITAE**

**JOSEPH P. IANNOTTI M.D., Ph.D.**

### **National and International Presentations**

#### **Last four years**

740. Future of Patient Specific Instrumentation and Navigation DJO Masters Shoulder Course Chicago Illinois August 10<sup>th</sup> 2017

741. TSA is My Arthroplasty Choice ASES Closed Meeting New Orleans LA October 12<sup>th</sup> 2017
742. Repair with Biologic Augmentation Where we are Today Metropolitan Shoulder Conference New York October 28<sup>th</sup> 2017
743. Reverse TSA: When is PSI Necessary Metropolitan Shoulder Conference New York October 28<sup>th</sup> 2017
744. Obstacles to Developing High Value Networks Moving to High Value Provider Networks; Call to Action Hartford Connecticut December 8<sup>th</sup> 2017
745. Visiting Professor: Pathology and Pathogenesis of Primary OA Management of Posterior Glenoid Bone Loss Columbia University Grand Rounds December 21<sup>st</sup> 2017
746. Severe Glenohumeral Arthritis with B2 Glenoid Holy Cross Hospital Winter Course January 18<sup>th</sup> 2017
747. Virtual Planning in Shoulder Arthroplasty Holy Cross Hospital Winter Course January 18<sup>th</sup> 2017
748. Innovations in Anatomic Shoulder Arthroplasty Holy Cross Hospital Winter Course January 19<sup>th</sup> 2017
749. If I Knew then What I Know Now Holy Cross Hospital Winter Course January 19<sup>th</sup> 2017
750. Management of Posterior Glenoid Bone Loss in OA with and Intact Rotator Cuff Anatomic Augmented Glenoid vs Reverse TSA Current Solutions in Shoulder and Elbow Surgery Tampa Florida February 1<sup>st</sup> 2018
751. Reverse Shoulder Arthroplasty with Glenoid Bone Loss Current Solutions in Shoulder and Elbow Surgery Tampa Florida February 2<sup>nd</sup> 2018
752. Anatomic Shoulder Arthroplasty Debate on the B2 glenoid Current Solutions in Shoulder and Elbow Surgery Tampa Florida February 2<sup>nd</sup> 2018
753. Humeral Prosthetic Design for Anatomic TSA Current Solutions in Shoulder and Elbow Surgery Tampa Florida February 2<sup>nd</sup> 2018
754. Patient Specific Instrumentation, Indianapolis DJO Shoulder Course IN April 13<sup>th</sup> 2018
755. Reverse TSA with Glenoid Bone Loss DJO Shoulder Course, Indianapolis IN April 14<sup>th</sup> 2018
756. RSA Surgical Planning DJO Shoulder Course Patient Specific Instrumentation, Indianapolis IN April 14<sup>th</sup> 2018
757. Pain Management & Rehabilitation after Total Shoulder Arthroplasty Dubai Shoulder Course April 22<sup>nd</sup> 2018
758. Subscapularis tenotomy vs lesser tuberosity osteotomy Dubai Shoulder Course April 22<sup>nd</sup> 2018
759. How I manage the medialized glenoid in reverse shoulder arthroplasty Dubai Shoulder Course April 22<sup>nd</sup> 2018
760. The use of computer assistance in shoulder surgery Dubai Shoulder Course April 22<sup>nd</sup> 2018
761. Diagnosis of Infection: New Tests & Techniques Current Concepts in Joint Replacement Las Vegas May 21<sup>st</sup> 2018
762. Patient Specific Instrumentation in Shoulder Arthroplasty Current Concepts in Joint Replacement Las Vegas May 21<sup>st</sup> 2018
763. "Failure with Continuity" (Tendon Retraction without a Recurrent Defect) after RC Repair: What Does it Mean? Nice Shoulder Course Nice France June 1<sup>st</sup> 2018
764. Quantitative Measurement of Osseous Pathology in Advanced Glenohumeral Osteoarthritis Nice Shoulder Course Nice France June 2<sup>nd</sup> 2018
765. Diagnosis of Periprosthetic Shoulder Infection: Where are we Now? Nice Shoulder Course Nice France June 2<sup>nd</sup> 2018



**CURRICULUM VITAE****JOSEPH P. IANNOTTI M.D., Ph.D.****PUBLICATIONS – Peer review:**

1. Ganote, C.E., Worstell, J., Iannotti, J.P., Kaltenbach, J.P.: Cellular Swelling and Irreversible Myocardial Injury: Effects of Polyethylene Glycol and Mannitol in Perfused Rat Hearts. *American Journal of Pathology*, 88 (1): 95-109, 1977.
2. Ganote, C.E., Iannotti, J.P., Kaltenbach, J.P.: Effects of Hyperosmolar Solutions of Polyethylene Glycol, Dextran or Mannitol on Enzyme Release from Perfused Rat Hearts. *Journal Molecular and Cellular Cardiology*, 10:725-737, 1978.
3. Stambough, J.L., Brighton, C.T., Iannotti, J.P., Storey, B.T.: Characterization of Growth Plate Mitochondria. *Journal of Orthopaedic Research*, 2:235-246, 1984.
4. Iannotti, J.P., Brighton, C.T., Stambough, J.L., Storey, B.T.: Calcium Flux and Endogenous Calcium Content in Isolated Mammalian Growth Plate Chondrocytes, Hyaline Cartilage Chondrocytes and Hepatocytes. *Journal of Bone and Joint Surgery*, 67A: 113-120, 1985.
5. Iannotti, J.P., Balderston, R.A., Rothman, R.H., Booth, R.E., Cohn, J.C. Pickens, G.T.: The Incidence and Clinical Significance of the Roentgenographic Signs of Aseptic Loosening after Cemented Total Hip Arthroplasty. *Journal of Arthroplasty*, 1:99-100, 1986.
6. Star, A.M., Iannotti, J.P., Brighton, C.T., Armstrong, P.F.: Cytosolic Calcium Concentration in Bovine Growth Plate Chondrocytes. *Journal of Orthopaedic Research* 5:122-127, 1987.
7. Balderston, R.A., Hiller, W.D.B., Iannotti, J.P., Pickens, G.T., Booth, R.E., Gluckman, S.J., Buckley, R.M., Rothman, R.H.: Treatment of the Septic Hip with Total Hip Arthroplasty. *Clinical Orthopaedics and Related Research*, 221:231-237, 1987.
8. Iannotti, J.P.: Intracellular Calcium Homeostasis in The Growth Plate Chondrocyte. Doctoral Dissertation. University of Pennsylvania, 1987.
9. Iannotti, J.P., Brighton, C.T.: The Cytosolic Ionized Calcium Concentration in Isolated Chondrocytes from each Zone of the Growth Plate. *Journal of Orthopaedic Research*, 7:511-518, 1989.
10. Iannotti, J.P., Brighton, C.T., Stambough, J.R.: Subcellular Regulation of the Ionized Calcium Concentration in Isolated Growth Plate Chondrocytes. *Clinical Orthopaedics and Related Research*, 242:285-293, 1989.

**PUBLICATIONS- Peer review: (cont.)**

11. Zlatkin, M.B., Iannotti, J.P., Roberts, M., Esterhai, J.L., Dalinka, M.K. Kressel, H.Y. Schwartz, S.: Rotator Cuff Tears: Accuracy of High Resolution MR-Imaging Radiology. Vol. 172: 223-230, 1989.
12. Iannotti, J.P., Brighton, C.T., Iannotti, V., Ohisi, T.: The Mechanism of Action of Parathyroid Induced Proteoglycan Synthesis in the Growth Plate Chondrocyte. J. Orthopaedic Research, 8:136-145, 1990.
13. Iannotti, J.P., Swiontowski, M.I., Esterhai, J.L., Boulas, H.J.: Intraoperative Assessment of Rotator Cuff Vascularity Using Laser Doppler Flowmetry. Surgery of the Shoulder, 208-212, 1990.
14. Iannotti, J.P.: Growth Plate Physiology and Pathology. Orthopaedic Clinics of North America, 21:1-17, 1990.
15. Chansky, H., Iannotti, J.P.: Vascularity of the Rotator Cuff, Clinics of Sports Med. 10: 807-822 1991.
16. Iannotti, J.P., Zlatkin, M.B., Esterhai, J.L., Kressel, H.Y., Dalinka, M.K., Spindler, K.: Magnetic Resonance Imaging of the Shoulder: Sensitivity Specificity and Predictive Value. J. Bone Joint Surgery, 73A:17-29, 1991.
17. Iannotti, J.P., Baradet, T., Tobin, M., Alavi, A., Staum, M.: Synthesis and Characterization of Magnetically Responsive Albumin Microspheres containing Cis-Hydroxyproline. Journal of Orthopaedic Research, 9:432-444, 1991.
18. Bashey, R.I., Iannotti, J.P., Rao, V.M., Reginato, A.M., Jimenez, S.A.: Comparison of Morphologic and Biochemical Characteristics of Cultured Chondrocytes Isolated from Proliferative and Hypertrophic Zones of Bovine Growth Plate Cartilage. Differentiation, 46:199-207, 1991.
19. Brighton, C.T., Farmer, J.C., Sennett, B.J., Hansen, C.A., Iannotti, J.P., Williamson, J.R., Pollack, S.R.: Activation of the Phosphoinositide Cascade in the Proliferative Response of Rat Calvarial Bone Cells Exposed to a Capacitively Coupled Electrical Field. Electromagnetics in Biology and Medicine. San Francisco Press. Eds. Brighton, C.T., Pollack, S.R., 1991
20. Iannotti, J.P., Gabriel, J., Schneck, S., Evans, B., Misra, S.: The Normal Glenohumeral Relationships: An Anatomic Study of 140 Shoulders. J. Bone and Joint Surgery, 74A, 479-490, 1992.

**CURRICULUM VITAE****JOSEPH P. IANNOTTI M.D., Ph.D.****PUBLICATIONS- Peer Review: (cont.)**

21. Brighton, C.T., Sennett, B.J., Farmer, J.R., Iannotti, J.P., Hansen, C.A., Williams, J., Williamson, J.R.: The Inositol Phosphate Pathway as a Mediator in the Proliferative Response of Rat Calvarial Bone Cells to Cyclical Biaxial Mechanical Strain. *J. Orthop. Res.* 10:385-393, 1992.
22. Iannotti, J.P., Wang, E.: Avulsion Fracture of the Superior Glenoid Tubercle. A Variation of the S.L.A.P. Lesion. *Journal Shoulder & Elbow Surgery*, 1:26-30, 1992.
23. Kulman, J., Iannotti, J.P., Kelley, M., Ergin, T.: Quantitative Assessment of Shoulder Strength Isometric vs. Isokinetic Testing. *Journal Bone Joint Surgery*, 74A, 1320-1333, 1992.
24. Owen R., Iannotti, J.P., Kneeland, B., Dalinka, M.K., Deren, J., Oleaga L., Kressel, H.Y.: Shoulder after Surgery: MR Imaging with Surgical Validation. *Radiology*, 186, 443-447, 1993.
25. Williams, J.L., Iannotti, J.P., Ham, N., Bleuit, J., Chen, J.H.: Effect of Mechanical Strain on Intracellular Calcium in Isolated Osteoblasts. *Biorheology* 31:163-170, 1993.
26. Lazarus, M., Chansky, H., Williams, G.R., Misra, S., Iannotti, J.P.: Comparison of Open and Arthroscopic Subacromial Decompression. *Journal of Shoulder & Elbow Surgery*, 3, 1-11, 1994.
27. Iannotti, J.P., Naidu, S., Hunt, R.M., Brighton, C.T.: Calcium Induced Matrix Vesicle Biogenesis. *Clin.Ortho. Rel .Res.* 306:222-229, 1994.
28. Clark, C.C., Iannotti, J.P., Misra, S., Richards, C.F.: The Effect of the Calcium Mobilizing Agent Thapsigargin on the Synthesis and Secretion of Extracellular Matrix Macromolecules by Chick Embryo Chondrocytes. *Journal of Orthopaedic Research*, 12; 601-611, 1994.
29. Iannotti, J.P.: Full Thickness Rotator Cuff Tears: Factors Affecting Surgical Outcome. *J. Am. Acad. Orthopaedic Surgeons*, Vol. 2:87-95, 1994.
30. Richards, R.R., An, K.A., Bigliani, L.U., Freidman, R.J., Gartsman, G.M., Iannotti, J.P., Mow, V.C., Sidles, J.A., Zuckerman, J.D.: A Standard Method for the Assessment of Shoulder Function. *J. Shoulder Elbow Surgery*, 3:347-352 1994.
31. Iannotti, J.P.: Evaluation of the Painful Shoulder. *Journal of Hand Therapy* 7:77-83, 1994.

**PUBLICATIONS- Peer Review: (cont.)**

32. Iannotti, J.P., Williams, G.R.: Advances in the Surgical Treatment of Disorders of the Shoulder. *Surgery Annual* 26:227-250, 1994.
33. Haygood, T.M., Langoltz, C.P., Kneeland, J.B., Iannotti, J.P., Williams, G.R., Dalinka, M.K: Categorization of Acromial Shape: Interreader Variability with MR Imaging and Conventional Radiography. *Am. J. Roentgen*: 162, 1, 1377-1382, 1994
34. Bulman, W., Iannotti, J.P., Glowacki, K., Bluit, J.: The Effect of a Novel Serum Factor on Intracellular Calcium in the Growth Plate Chondrocyte. *Journal of Orthopaedic Research*, 13:220-229,1995.
35. Iannotti, J.P., Williams G.R., Lisser S.L. Prosthetic Sizing for Total Shoulder Arthroplasty, *Operative Techniques in Orthopaedics* 4:198-202,1995.
36. Iannotti, J.P.: MR Imaging of the Shoulder. *Excerpta Medica* 1085:31-40, 1995.
37. Iannotti, J.P.: Functional Outcome of Massive Rotator Cuff Lesions. *Excerpta Medica* 1085: 353-362, 1995.
38. Norris T.R., Iannotti J.P. Prospective Evaluation of Factors Affecting Outcome of Shoulder Arthroplasty for Osteoarthritis *Excerpta Medica* 1085: 323-334, 1995.
39. Jobe, C.M., Iannotti, J.P.: Limits Imposed on Glenohumeral Motion by Joint Geometry. *J. Shoulder and Elbow Surgery*, 4: 281-285, 1995.
40. Iannotti, J.P, Williams, G.R.: Total Shoulder Arthroplasty Factors Influencing Prosthetic Sizing. *Techniques in Orthopaedics* 4: 198-202, 1995.
41. Kitay, G.S., Iannotti, J.P, Williams, G.R., Haygood, T., Kneeland, B.J., Berlin,J: Roentgenographic Assessment of Acromial Morphologic Condition in Rotator Cuff Impingement *J. Shoulder and Elbow Surgery* 4: 441-449,1995.
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2. Journal American Academy of Orthopaedic Surgeons.  
Associate Editor, 1992-1997
3. MR Imaging of the Upper Extremity  
Saunders 1997 guest editor
4. Journal Shoulder and Elbow Surgery  
Associate Editor, 1997- 2002
5. Seminars in Arthroplasty  
Consultant Editor 1998- present.
6. Techniques in Shoulder and Elbow Surgery Associate Editor 1999- 2007
7. The Joint Letter: Lippincott Williams and Wilkins  
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8. Journal Shoulder and Elbow Surgery Guest Editor  
Supplement Biologics in Shoulder Surgery 2007.
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### **Journal Peer Reviewer Current:**

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### **Continued Medical Education- Course Chair:**

1. Shoulder Disorders: Update '88, University of Pennsylvania, September 1988.
2. Centennial Symposium - University of Pennsylvania, May 1989.
3. Shoulder Disorders: Update '90, University of Pennsylvania, September 1990.
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