CURRICULUM VITAE

Name:	Mark Alan Mighell, M.D.
Business Address:	13020 Telecom Parkway North Temple Terrace, FL 33637
Business Phone:	(813)-978-9700
DOB:	02/20/1964
Place of Birth:	Princeton, N.J.
Licensure:	Florida License# ME77360 (Active)
Board Certifications:	Board Certified American Board of Orthopaedic Surgeons
Military Rank:	Commander United States Navy Inactive Reserve
Employment History:	Florida Orthopaedic Institute Department of Upper Extremity Surgery 13020 Telecom Parkway North Temple Terrace, FL 33637 (813)-978-9700 Lesley Drovie, Human Resources Director 09/2001-Present Portsmouth Naval Medical Center Department of Orthopaedic Surgery Academic Appointment 620 John Paul Jones Circle Portsmouth, VA 23708-2197 (757)-953-5000 07/1994-09/2001 United States Navy Medical Officer Portsmouth, VA 23708 07/1990-07/1994
Faculty Appointments:	The American Board of Orthopaedic Surgery Board Examiner 07/2011- Present

University of South Florida
Department of Orthopaedic Surgery
Associate Professor
08/2009- Present

Shoulder and Elbow Fellowship Program
Florida Orthopaedic Institute, Tampa, FL
Co-Director
09/2001- Present

Uniformed Services University of the Health Sciences
F. Edward Hébert School of Medicine
Bethesda, MD
Instructor of Surgery
07/1998- Present

Sports Medicine and Shoulder Reconstructive Services
Portsmouth Naval Medical Center, Portsmouth, VA
Faculty
07/1998- 07/2001

Graduate Medical Training:

Fellowship:

Florida Orthopaedic Institute
Mark A. Frankle, M.D.
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Dawne Philip
03/1999-08/1999

Residency:

Portsmouth Naval Hospital
Martin Deafenbaugh, M.D.
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Sue Aiten, Assistant
07/1994-03/1999

Internship:

Portsmouth Naval Hospital
Adam Robinson, M.D.
620 John Paul Jones Circle
Portsmouth, VA 23708-2197
(757)-953-5000
Sue Aiten, Assistant
07/1990-07/1994

Medical School:

University of Maryland School of Medicine
515 West Lombard Street
Baltimore, M.D. 21201
09/1986-07/1990

Undergraduate:	University of Virginia P.O. Box 400229 Charlottesville, VA 22904-4229 (434)-924-0311 Office of Academic Affairs

Other Training:

Hyperbaric Medicine Major:	Naval Undersea Medical Institute Groton, CT 01/1992-06/1992
Aviation Physiology Clerkship:	Naval Air Station Miramar, San Diego, CA 01/1988
Honors and Awards:	Navy Commendation for duties performed while DMO Kings Bay, CA Recipient of "Best Doctors In America" Award 2007-present
Professional Affiliations:	Foundation for Orthopaedic Research and Education, Board Member American Board of Orthopaedic Surgeons American Academy of Orthopaedic Surgeons American Shoulder and Elbow Surgeons New England Shoulder and Elbow Surgeons Society of Military Orthopaedic Surgeons Florida Orthopaedic Society Southern Orthopaedic Association Alumni Association of the University of Maryland Journal of Bone and Joint Surgery, Reviewer Journal of Orthopaedic Trauma, Reviewer Journal of Shoulder and Elbow Surgery, Reviewer Clinical Orthopaedics and Related Research, Reviewer

Community Involvement:

Bethesda Naval Hospital, Bethesda, MD
Volunteer, to evaluate and treat troops coming home from Operation Enduring Freedom, Iraq.

University of Tampa, Tampa, FL
Guest speaker and instructor of shoulder and elbow surgical technique and rehabilitation to students enrolled in the Physical Therapy Program

Plant High School Varsity Football Team
Team Physician

Publications:

1. Nigro PT; Cain R, **Mighell MA**. Prognosis for Recovery of Posterior Interosseous Nerve Palsy After Distal Biceps Repair. J Shoulder Elbow Surgery, September 2011; pii: S1058-2746(12)00333-3. DOI: 10.1016/j.jse.2012.08.001

2. Andersen JA, Williams CD, Cain R, **Mighell MA**, Frankle M. Surgically Treated Humeral Shaft Fractures Following Shoulder Arthroplasty. J Bone Joint Surg [Am], 2013 Jan 02;95(1):9-18. doi: 10.2106/JBJS.K.00863.

3. Jaron R. Andersen, Matt P. Willis, Ryan Nelson, **Mark A. Mighell**. Precontoured Superior Locked Plating of Distal Clavicle Fractures: A New Strategy. Clin Orthop Rel Res, November 2011; 469(12):3344-3350. DOI: 10.1007/s11999-011-2009-5

4. Walker M, Palumbo B, Badman BL, **Mighell MA**, Van Gelderen J, Brooks JP. Humeral Shaft Fractures: A Review. J Shoulder Elbow Surgery, July 2011; 20(5): 833-844.

5. Badman B, Frankle MA, Keating C, Henderson L, Brooks J, **Mighell MA**. Results of Proximal Humeral Locked Plating with Supplemental Suture Fixation of Rotator Cuff. J Shoulder Elbow Surgery, June 2011; 20(4): 616-624.

6. Holcomb JO, Hebert DJ, **Mighell MA**, Dunning PE, Pliner MD, Pupello DR, Frankle MA. Reverse Shoulder Arthroplasty in Patients with Rheumatoid Arthritis. J Shoulder Elbow Surgery, October 2010; 17(7): 1076-1084.

7. Klein SM, Badman BL, Keating CJ, Devinney DS, Frankle MA, **Mighell MA**. Results of Surgical Treatment for Unstable Distal Clavicle Fractures. J Shoulder Elbow Surgery, October 2010; 19(7): 1049-1055.

8. **Mighell MA**, Frankle MA, Mulieri PJ. Elbow Arthroplasty for Distal Humeral Fractures – Techniques, Pearls, and Pitfalls. Operative Techniques in Orthopaedics, March 2010; 20(1): 38-47.

9. **Mighell, M.**, Virani, N., Echols, E., Shannon, R., Badman, B., Keating, C. Large Coronal Shear Fractures of the Capitellum and Trochlea Treated with Headless Compression Screws. J Shoulder Elbow Surgery, January 2010; 19(1): 38-45.

10. Mulieri, P., Chacon, A., Nelson, C, Brooks, J., **Mighell, M.** Extended Olecranon Osteotomy for Removal of a Well-Fixed, Total Elbow Ulnar Component. Tech Shoulder Elbow Surg, December 2009; 10(4):140-5.

11. Badman, B., **Mighell, M.** Proximal Humerus Nonunions Treated with Fixed-Angle Locked Plate and Intramedullary Strut Allograft. J Orthop Trauma, March 2009; 23(3):173-179.

12. Badman, B., **Mighell, M.** Fixed-Angle Locked Plating of Two, Three, and Four Part Proximal Humerus Fractures. J Am Acad Orthop Surg, May 2008; 16(5): 294-302.

13. Levy, J., Frankle, M., **Mighell, M.**, Pupello, D. The Use of the Reverse Shoulder Prosthesis in the Treatment of Failed Hemiarthroplasty for Proximal Humerus Fractures. JBJS, February 2007; 89-A; 292-300.

14. **Mighell, M.A**., Harkins, D., Klein, D., Schneider, S., Frankle, M.A.: Technique for Internal Fixation of Capitellum and Lateral Trochlea Fractures. J Orthop Trauma, Nov/Dec 2006; 20(10); 699-704.

15. Frankle M, Virani N, Fisher D, **Mighell M**. Immediate Total Elbow Arthroplasty for Distal Humerus Fractures. Techniques in Orthopaedics December 2006; 21(4):363-73.

16. Frankle, M.A., Levy, J.C., Pupello, D., Siegal, S., Saleem, A., **Mighell, M.A.,** Vasey, M.: The Reverse Shoulder Prosthesis for Glenohumeral Arthritis Associated with Severe Rotator Cuff Deficiency: A Minimum Two-Year Follow-up Study of Sixty Patients: **Surgical Technique**. J Bone Joint Surg September 2006; 88-A: 178-190.

17. Badman, B., **Mighell, M.**, Drake, D.: Proximal Humeral Nonunions: Surgical Technique with Fibular Strut Allograft and Fixed-Angle Locked Plating. Tech Sh Elb Surg June 2006;7-2: 95-101.

18. Siegal, S. Frankle M, **Mighell M.**, Pupello D, Saleem A, Vasey M.: The Reverse Shoulder Prosthesis for Glenohumeral Arthritis Associated with Severe Rotator Cuff Deficiency. J Bone Joint Surg Am 2005; 87:1697-1705.

19. **Mighell, M.A.,** Dunham, R.C., Rommel, E., Frankle, M.A.: Primary Semi- Constrained Arthroplasty for Chronic Elbow Fracture Dislocations. J Bone Joint Surg [Br] 2005; 87-B: 191-195.

20. Frankle, M.A., **Mighell, M. A.**: Techniques and Principles of Tuberosity Fixation for Proximal Humerus Fractures Treated with Hemiarthroplasty. Review Article. J Shoulder Elbow Surg 2004 13(2):239-247.

21. **Mighell, M. A.**, Frankle, M., Kolm, P., Collinge, C.: Outcomes of Hemiarthroplasty for Fractures of The Proximal Humerus. J Shoulder Elbow Surg 2003 12(6):569-577.

22. **Mighell, M.A.**, Jennings, W.B., Frankle, M. Technique for Unstable Two-Part Proximal Humeral Fractures Utilizing an Intramedullary Staple Device : The Evan's Staple. Tech Shoulder Elbow Surg 2003**;** 4(2):84-88.

23. Frankle, M., **Mighell, M.**: Non-implant Arthroplasty for Elbow Arthritis. Seminars in Arthroplasty, 9:12-24, January, 1998.

24. Soyer, A.D., Nowotarski, P. J., Kelso, T.B., **Mighell, M.**: Optimal Position for Plate Fixation of Complex Fractures of the Proximal Radius: A Cadaver Study. J Orthop Trauma, 12:291-293, 1998.

Poster Presentations

1. Arthrodesis for Failed Elbow Arthroplasty. *Presented at Society of Military Orthopaedic Surgeons 2012 Annual Meeting.* Naples, FL. December 10-14, 2012.

2. Proximal Humeral Fractures Treated with Locked Plating and an Intramedullary Strut Allograft: A Retrospective Analysis. *Presented at the American Shoulder and Elbow Surgeons Closed Meeting*, Sea Island, GA, USA, October 11-14, 2012.

3. Prognosis for Recovery of Posterior Interosseous Nerve Palsy After Distal Biceps Repair. *Presented at the American Shoulder and Elbow Surgeons Closed Meeting*, Sea Island, GA, USA, October 11-14, 2012.

4. Reverse Shoulder Prosthesis Improves Function Compared to Hemiarthroplasty. *9th International Congress on Surgery of the Shoulder*. P12A, Washington, D.C., USA, May 2-5, 2004.

5. Irregular Multiple Fin Shapes Best Stabilize Reconstructed Tuberosities in Four-Part Proximal Humerus Fractures. *9th International Congress on Surgery of the Shoulder. P25B*, Washington, D.C., May 2-5, 2004.

6. Reverse Shoulder Prosthesis: A Successful Treatment After Failed Hemiarthroplasty for Proximal Humerus Fracture. *9th International Congress on Surgery of the Shoulder. Poster # 23*, Washington, D.C., May 2-5, 2004.

7. Reverse Shoulder Prosthesis Can Successfully Treat Patients That Failed Due to Recurrent Instability. *9th International Congress on Surgery of the Shoulder. Poster # 24,* Washington, D.C., May 2-5, 2004.

8. Deep Infection Treated Successfully By Revision with a Reverse Shoulder Prosthesis. *9th International Congress on Surgery of the Shoulder.* Poster # 23, Washington, D.C., May 2-5, 2004.

9. Impingement and Instability Surgeries in Patients with Primary Scapular Winging. *Poster Presentation American Academy of Orthopaedic Surgeons*, Orlando, FL, March 18, 2000.

10. Paralysis of the Trapezius: Etiology and Treatment Outcomes. *Presented at the American Academy of Orthopaedic Surgeons Meeting*, Orlando, FL, March 18, 2000.

11. Determination of Contact Pressure at the Tendon Bone Interface in Rotator Cuff Repairs. *Poster Presentation ORS, 44th Annual Meeting*, New Orleans, LA, March 16 - 19, 1998.

Oral Presentations and Published Abstracts:

1. Distal Humerus Fractures: Fix or Replace? *Presented at the Elite Educational Series in Trauma Symposium*. Miami, FL. February 8, 2013.

2. Technical Aspects of ORIF for Proximal Humerus Fractures. *Presented at Current Solutions in Shoulder and Elbow Surgery 2013.* Tampa, FL. January 11, 2013.

3. Technical Aspects of ORIF for Proximal Humerus Fractures. *Presented at Current Solutions in Shoulder and Elbow Surgery 2013.* Tampa, FL. January 11, 2013.

4. Prognosis For Recovery Of Posterior Interosseous Nerve Palsy After Distal Biceps Repair. *Presented at Society of Military Orthopaedic Surgeons 2012 Annual Meeting.* Naples, FL. December 11, 2012.

5. Proximal Humeral Fractures Treated With Locked Plating And An Intramedullary Strut Allograft: A Retrospective Analysis. *Presented at Society of Military Orthopaedic Surgeons 2012 Annual Meeting.* Naples, FL. December 13, 2012.

6. The Terrible Triad: What to Do with the Unstable Elbow *Presented at Current Solutions in Orthopaedic Trauma,* Miami, FL, November 10, 2012.

7. Treatment of Nonunions of the Humeral Shaft *Presented at Current Solutions in Orthopaedic Trauma,* Miami, FL, November 10, 2012.

8. Periprosthetic Fractures: Newer Techniques *Presented at Current Solutions in Orthopaedic Trauma,* Miami, FL, November 10, 2012.

9. Distal Humerus Fractures *Presented at AAOS/ASES Elbow Reconstruction Course,* Rosemont, IL, October 27, 2012.

10. Reduce and Lock a Proximal Humerus Fracture *Presented at International Congress for Joint Reconstruction*, Las Vegas, NV, September 15, 2012.

11. Proximal Humeral Fractures Treated with Locking Plates *Presented at International Congress for Joint Reconstruction*, Las Vegas, Nevada, September 15, 2012.

12. Dealing with a Painful Total Shoulder Arthroplasty *Presented at International Congress for Joint Reconstruction*, Las Vegas, Nevada, September 14, 2012.

13. Proximal Humeral Fractures *Presented at Orthopaedics for the Primary Care Practitioner and Rehabilitation Therapist*, Clearwater, Florida, July 20, 2012.

14. How Does RSA Work *Presented at Policlinica Metropolitana*, Caracas, Venezuela, June 23, 2012.

15. Reverse Shoulder Arthroplasty for Humerus Fractures *Presented at Policlinica Metropolitana*, Caracas, Venezuela, June 23, 2012.

16. Turon Glenoid Fixation *Presented at AAOS Annual Meeting*, San Francisco, CA, February 10, 2012.

17. Reverse Shoulder Arthroplasty for Proximal Humerus Fractures *Presented at Current Solutions in Shoulder and Elbow Surgery*, Tampa, FL, January 13, 2012.

18. Surgically Treated Humeral Shaft Fractures Following Shoulder Arthroplasty *Presented at Current Solutions in Orthopaedic Trauma*, Boca Raton, FL November 12, 2011.

19. Humeral Shaft Non-unions *Presented at Current Solutions in Orthopaedic Trauma*, Boca Raton, FL, November 12, 2011.

20. Surgical Approaches to the Elbow *Presented at Current Solutions in Orthopaedic Trauma*, Boca Raton, FL, November 12, 2011.

21. Terrible Triad *Presented at Current Solutions in Orthopaedic Trauma*, Boca Raton, FL, November 12, 2011.

22. Hemiarthroplasty for Proximal Humerus Fractures *Presented at DJO Conference,* Chicago, IL, July 20, 2011.

23. Lateral Center of Rotation is Best for Reverse Total Shoulder Replacement. *Presented at the 28th Annual San Diego Shoulder Meeting*, San Diego, CA, June 22, 2011.

24. Why Lateral Center of Rotation is Best. *Presented at American Osteopathic Academy of Orthopedics, 51st Post Postgraduate Seminar,* Scottsdale, AZ, May 14, 2011.

25. Biomechanics of the Three Part Proximal Humerus Fracture: Is treatment really that controversial? *Presented at Current Solutions in Shoulder and Elbow Surgery,* Tampa, FL, January 21, 2011.

26. Proximal Humerus Fractures: Locked Plates. *Presented at the 8th Annual Current Solutions in Orthopaedic Trauma,* Fort Lauderdale, FL, November 12, 2010.

27. Proximal Humerus Fractures: 4-Part Fractures- Save or Replace? *Presented at the 8th Annual Current Solutions in Orthopaedic Trauma*, Fort Lauderdale, FL, November 12, 2010.

28. The Terrible Triad: What to Do with the Unstable Elbow. *Presented at the 8th Annual Current Solutions in Orthopaedic Trauma,* Fort Lauderdale, FL, November 12, 2010.

29. Biomechanics of the 3-Part Proximal Humeral Fracture with and without Suture Fixation. *Presented at the 11th International Congress of Shoulder and Elbow Surgery*, Edinburgh, Scotland, September 7, 2010.

30. Biceps Tendon Pathology (Proximal and Distal): Advances in Treatment and Rehabilitation *Presented at Orthopaedics for the Primary Care Practitioner*, Saint Petersburg, FL, July 16, 2010.

31. Shoulder Instability *Presented at Orthopaedics for the Primary Care Practitioner*, Saint Petersburg, FL, July 16, 2010.

32. Proximal Humerus Fractures: Locked Plates. *Presented at Florida Orthopaedic Society,* May 21, 2010.

33. Humeral Shaft Fractures. *Presented at Current Solutions in Shoulder and Elbow Surgery, T*ampa, FL, January 8, 2010.

34. Periprosthetic Fractures in the Upper Extremity. *Presented at Current Solutions in Orthopaedic Trauma,* Tampa, FL, October 29, 2009.

35. Proximal Humerus Fractures: Locked Plates. *Presented at Current Solutions in Orthopaedic Trauma,* Tampa, FL, October 29, 2009.

36. Elbow Fracture Dislocations: The Terrible Triad. *Presented at Current Solutions in Orthopaedic Trauma,* Tampa, FL, , October 29, 2009.

37. Hemiarthroplasty for Proximal Humerus Fractures. *Presented at Orthopaedics for the Primary Care Practitioner,* Tampa, FL, July 18, 2009.

38. Distal Biceps Ruptures. *Presented at Orthopaedics for the Primary Care Practitioner,* Tampa, FL, July 18, 2009.

39. Proximal Humerus Fractures. *Presented at Southwest Missouri Orthopedic Trauma Symposium.* Springfield, Missouri, May 2, 2009.

40. Mighell, M.A., Chacon, A., Holcomb, J.O., Badman, B., Henderson, L.S., Pupello, D., Frankle, M.A.: Functional Outcomes after Treatment of Proximal Humerus Fractures with the use of Locked Plating and Supplemental Tension Band Fixation. *Accepted for presentation at the 2009 American Shoulder and Elbow Surgeons Meeting*, Las Vegas, NV, February 28, 2009.

41. Reverse Shoulder Arthroplasty for Fracture. *Presented at the Current Concepts in Shoulder and Elbow Surgery,* Tampa, FL January 22-24, 2009.

42. Distal Humerus Fractures. *Presented at the Current Concepts in Shoulder and Elbow Surgery,* Tampa, FL, January 22-24, 2009.

43. Olecranon Fractures. *Presented at the Current Concepts in Shoulder and Elbow Surgery,* Tampa, FL January 22-24, 2009.

44. Hemiarthroplasty For Proximal Humerus Fractures. *Presented at the Orthopedic Education Summit,* Snowbird, UT, January 9-10, 2009.

45. Supracondylar Fractures in the Elderly: When is it Worth Saving? *Presented at the 6th Annual Current Solutions in Orthopaedic Trauma Course*, Phoenix, AZ, December 11-13, 2008.

46. Proximal Humerus Fractures: Advances in Technology. *Presented at the 6th Annual Current Solutions in Orthopaedic Trauma Course,* Phoenix, AZ, December 11-13, 2008.

47. Periprosthetic Fractures in the Upper Extremity. *Presented at the 6th Annual Current Solutions in Orthopaedic Trauma Course,* Phoenix, AZ, December 11-13, 2008.

48. Proximal Humerus Fractures: Arthroplasty Techniques. *Presented at the Orthopaedic Trauma Association's Advanced Trauma Techniques Course for Residents,* Dallas, TX, May 16, 2008.

49. Techniques for IM Nailing Proximal & Humeral Shaft Fractures. *Presented at the Orthopaedic Trauma Association's Advanced Trauma Techniques Course for Residents*, Dallas, TX, May 16, 2008.

50. Distal Humerus Fractures. *Presented at the Advanced Techniques in Shoulder Arthroscopy, Arthroplasty & Fractures Course, Mayo Clinic*, Rochester, MN, May 3, 2008.

51. Proximal Humerus Fractures. *Presented at the Advanced Techniques in Shoulder Arthroscopy, Arthroplasty & Fractures Course*, Mayo Clinic, Rochester, MN, May 3, 2008.

52. Plating of Proximal Humerus Fractures with the S3 Plate. *Presented at the Current Concepts in Shoulder and Elbow Surgery*, Tampa, FL, January 17-19, 2008.

53. Mal-unions and Non-unions: How to Salvage? *Presented at the Current Concepts in Shoulder and Elbow Surgery,* Tampa, FL, January 17-19, 2008

54. Complications and/or Infections in Elbow Arthroplasty. *Presented at the Current Concepts in Shoulder and Elbow Surgery,* Tampa, FL, January 17-19, 2008

55. Periprosthetic Fractures: Newer Techniques. *Presented at the Current Concepts in Orthopaedic Trauma Course,* Orlando, FL, November 6-9, 2007.

56. Proximal Humerus Fractures: General Treatment Concepts. *Presented at the Current Concepts in Orthopaedic Trauma Course,* Orlando, FL, November 6-9, 2007.

57. Supracondylar Fractures in the Elderly: When is it Worth Saving? *Presented at the Current Concepts in Orthopaedic Trauma Course,* Orlando, FL, November 6-9, 2007.

58. Treatment of Radial Head Fractures with Radial Head Replacement. *Presented at the Elbow/Shoulder/Wrist Trauma and Arthroplasty Course*, Henderson, NV, August 2, 2007.

59. Total Elbow Arthroplasty for Rheumatoid Arthritis. *Presented at the Elbow/Shoulder/Wrist Trauma and Arthroplasty Course*, Henderson, NV, August 2, 2007.

60. Treatment of Terrible Triad Injuries of the Elbow. *Presented during the Orthopaedic Trauma Association Meeting*, Chicago, IL, March 29-30, 2007.

61. Hemiarthroplasty for Proximal Humerus Fractures. *Presented during the Orthopaedic Trauma Association Meeting*, Chicago, IL, March 29-30, 2007.

62. Proximal Humerus Fractures: Hemiarthroplasty. *Presented at the Orthopaedic Trauma: Concepts to Controversies Meeting.* Breckenridge, CO, March 18, 2007.

63. Locked Plating for Proximal Humerus Fractures. *Presented at the 2007 Annual Meeting of the American Academy of Orthopaedic Surgeons*, San Diego, CA, February 14-18, 2007.

64. Seven Steps to Glenoid Exposure. *Presented at the Orthopedic Education Summit*, Bachelor Gulch, CO, January 4-7, 2007.

65. Osteoarthritis Exposure of the Glenoid: Techniques and outcomes. *Presenter and Co-Director of Current Concepts of Shoulder and Elbow Surgery Course*, Tampa, FL, December 7-9, 2006.

66. Elbow Capitellum Fractures. *Presenter and Co-Director of Current Concepts of Shoulder and Elbow Surgery Course*, Tampa, FL, December 7-9, 2006.

67. Proximal Humerus Fractures: Plates – Locked Plates. *Presented at Current Concepts in Orthopaedic Trauma,* Orlando, FL, November 16-19, 2006.

68. Failed Open Reduction Internal Fixation for Elbow Fractures Converted to Total Elbow Arthroplasty. *Presented at the American Shoulder and Elbow Surgeons 23rd Annual Meeting*, Chicago, IL, September 13-15, 2006.

69. Humeral Locking Plate Techniques for Proximal Humerus Fractures. *Presented at the Global Shoulder Society Meeting,* Boston, MA, July 21-22, 2006.

70. Reverse Total Shoulder Arthroplasty. *Presented during the Upper Extremity Break Out Session of the Scientific Annual Meeting of the Florida Orthopaedic Society and Alabama Orthopaedic Society*, San Destin, FL, May 20, 2006.

71. Clinical Results of Anterior Fixation of Humeral Capitellar Fractures. *Presented at the American Shoulder and Elbow Surgeons 22nd Open Meeting*, Chicago, IL, March 25, 2006.

72. Total Elbow Arthroplasty for Rheumatoid Arthritis. *Presented at Modern Solutions in Shoulder and Elbow Arthroplasty.* Nassau, Bahamas, February 10-11, 2006.

73. Revision Total Elbow Arthroplasty: Prosthesis Reinsertion. *Presented at Modern Solutions in Shoulder and Elbow Arthroplasty.* Nassau, Bahamas, February 10-11, 2006.

74. Dealing with Fractures of the Proximal Ulna and Olecranon. *Presented at Modern Solutions in Shoulder and Elbow Arthroplasty.* Nassau, Bahamas, February 10-11, 2006.

75. Infections After Total Elbow Arthroplasty. *Presenter and Co-Director of the Current Concepts of Shoulder and Elbow Surgery Course*, Tampa, FL, January 13-14, 2006.

76. Surgical Approaches for Shoulder Arthroplasty. *Presenter and Co-Director of the Current Concepts of Shoulder and Elbow Surgery Course*, Tampa, FL, January 13-14, 2006.

77. Reverse Shoulder Arthroplasty. Lecture *Given to the Department of Orthopaedics, Bethesda Naval Hospital*, Bethesda, MD, July 5, 2005.

78. Evaluation of Elbow Pain in the Athlete. *Presented at the Sports Medicine Update*, Clearwater Beach, FL, January 2005.

79. Surgical Exposure for Shoulder Arthroplasty *Presented at the Total Joint Arthroplasty Symposium*, Bachelor Gulch, CO, January 2005.

80. Total Shoulder Arthroplasty for Post Traumatic Arthritis. *Presented at the Hennepin County Medical Center Orthopaedic and Trauma Seminar*, Minneapolis, MN, November 2004.

81. Proximal Humerus Fractures: The Evans Staple and IM Nails. *Presented at Current Solutions in Orthopaedic Trauma*, Tampa, FL, November 2004.

82. Prosthetic Hemiarthroplasty pf the Distal Humerus. *Presented at the American Shoulder and Elbow Surgeons Biannual Meeting,* Monterey, CA, October 2004.

83. Hemiarthroplasty for Fracture. Presented at the Orthopaedic Trauma Association's 20th Annual Meeting, Hollywood, FL, October 2004.

84. Prosthetic Hemiarthroplasty of the Distal Humerus. *Presented at the American Society for Surgery of the Hand 59th Annual Meeting*, New York City, NY, September 2004.

85. Seven Steps to Glenoid Exposure. *Presented at Technological Advances in Total Joint Replacement*, Los Cabos, Mexico, May 2004.

86. A Basic Science Analysis of Reverse Shoulder Prosthesis. *Presented at the Total Joints Arthroplasty Symposium*, Bachelor Gulch, CO, January 2004.

87. Prosthetic Hemiarthroplasty of the Distal Humerus. *Presented at the American Shoulder and Elbow Surgeons Focus Meeting: Shoulder and Elbow Arthritis*. Las Vegas, NV, November 2003.

88. The Effect of Proximal Prosthetic Humeral Geometry on the Stability of Tuberosity Reconstruction for Four-Part Proximal Humerus Fractures. *Presented at the 6th Congress of the European Federation of National Associations of Orthopaedics and Traumatology*, Helsinki Fair Centre, Finland, June 2003.

89. Primary Reverse Shoulder Prosthesis Versus Reverse Shoulder Prosthesis as a Salvage Procedure. *Presented at the 6th Congress of the European Federation of National Associations of Orthopaedics and Traumatology*, Helsinki Fair Centre, Helsinki, Finland, June 2003.

90. ORIF of Two-Part Proximal Humerus Fractures with an Evans Staple. *Presented at the Current Concepts of Shoulder and Elbow Surgery*, Tampa, FL, January 2003.

91. Management of Common Elbow Disorders. *Presented at National Association of Orthopaedic Nurses Annual Meetin*g, Las Vegas, NV, May 2003.

92. A Custom Reverse Ball and Socket Prosthesis as a Salvage Procedure in the Rotator Cuff Deficient Shoulder: A prospective outcome study. *Presented at the American Academy of Orthopaedic Surgeons Meeting,* Dallas, TX, February 2002.

93. Osteoarthritis of the Shoulder Treated by Total Shoulder Arthroplasty: A prospective outcome study. *Presented at the American Academy of Orthopaedic Surgeons Meeting*, Dallas, TX, February 2002.

94. Management of Shoulder Arthroplasty. *Lecture given to National Association of Orthopaedic Nurses Annual Meeting*, New Orleans, LA, June 2001.

95. Outcomes of Hemiarthroplasty for Fractures of the Proximal Humerus. *Presented American Shoulder & Elbow Surgeons Specialty Day Meeting*, San Francisco, CA, March 2001.

96. Hemiarthroplasty for Complex Proximal Humerus Fractures. *Instructional Course Lecture given at Southeast Fracture Conference,* January 2001.

97. Outcomes of Prosthetic Replacements for Acute Fractures of the Proximal Humerus. *Presented at the American Society of Shoulder and Elbow Surgeons Biennial Meeting*, Miami, FL, May, 2000.

98. Treatment of Unstable PIPJ Fracture Dislocations with a Dynamic Traction Splint. *Presented at the Society of Military Orthopaedic Surgeons Meeting*; December 1998.

99. Determination of Contact Pressure at the Tendon Bone Interface in Rotator Cuff Repairs. *Presented to the Virginia Orthopaedic Society*, April 1997.

100. Optimal Position for plate Fixation of Complex Fractures of the Proximal Radius. *Presented to the Virginia Orthopaedic Society*, April 1997.

101. Arthroscopic Treatment of Osteochondral Defects of the Talar Dome. *Presented at the Society of Military Orthopaedic Surgeons Meeting*, November 1995.

Book Chapters:

1. **Mighell, M**., Harreld, K., LeBrun, C., Williams, C. Open Reduction Internal Fixation of Three- and Four-Part Proximal Humerus Fractures, Submitted.

2. Mulieri, P., Frankle, M., **Mighell, M**. Fractures of the Olecranon and Complex Fracture Dislocations of the Proximal Ulnar and Radial Head, Submitted.

3. **Mighell, MA** and Kovack, TJ. Elbow Arthrodesis. In: *Operative Techniques in Orthopaedic Surgery*. Lippincott Williams & Wilkins, 2010.

4. **Mighell, M.A.**, Massive Irreparable Rotator Cuff Tears. In: Frankle, Mark [ed]. Rotator Cuff Deficiency of the Shoulder. New York: Thieme, 2008.

5. **Mighell M**., Siegal, S. Fractures of the Olecranon and Complex Fracture-Dislocations of the Proximal Ulna and Radial Head. In: Sanders, Roy [ed]. Trauma: Core Knowledge in Orthopaedics. Philadelphia: Mosby, 2007.

6. **Mighell M.**, Badman B., Virani N. Proximal humerus fractures. In: Sanders, Roy [ed]. Trauma: Core Knowledge in Orthopaedics. Philadelphia: Mosby, 2007.

7. Frankle, M.A., Fisher, D, **Mighell, M.** Replacement Arthroplasty for Acute Fractures, *Shoulder and Elbow Arthroplasty*, Edited by Williams, G.R., Yamaguchi, K., Ramsey, M.L., Galatz, L.M. Philadelphia, Pennsylvania, Lippincott, Williams & Wilkins: 2005; pp. 393-403.

8. Devinney, D. Frankle, M., **Mighell, M.,** Fisher, D. Surgery of Shoulder Arthritis. In: *Arthritis and Allied Conditions A Textbook of Rheumatology;* Lippincott, Williams & Wilkins: 2004; pp. 995-1015.

Grand Rounds:

1. *Traumatic Conditions of the Shoulder* Given at the University of South Florida, Tampa, FL, January 25, 2013.

2. *Total Elbow Arthroplasty* Presented virtually to Emory Orthopaedics, Tampa, FL, January 8, 2013.

3. *Distal Biceps Repair* and *Fractures of the Distal Humerus* Given at the University of South Florida, Tampa, FL, October 5, 2012.

4. *Hemiarthroplasty for Proximal Humerus Fractures* Given at the Michigan State University, Lansing, MI, March 14, 2012

5. *Hemiarthroplasty for Proximal Humerus Fractures* and *Operative Management of Humeral Shaft Fractures* Given at the University of South Florida, Tampa, FL, February 24, 2012.

6. *Fractures of the Distal Humerus* and *Operative Management of Humeral Shaft Fractures* Given at the University of South Florida, Tampa, FL, April 22, 2011.

7. *Elbow Fracture Dislocations: "The Terrible Triad"*
Given at Michigan State University, Troy, MI, March 9, 2011.

8. *Arthritis and Arthroplasty of the Shoulder*
Given at the University of South Florida, Tampa, FL, December 10, 2010.

9. *Fractures of the Upper Extremity*
Given at the University of South Florida, Tampa, FL, September 17, 2010.

10. *Management Strategies of Proximal Humerus Fractures: Nails vs Plates*
Given at Orlando Regional Medical Center, Orlando, FL, August 6, 2010.

11. *Arthroscopic Rotator Cuff Repair*
Given at Jackson Memorial Hospital, Miami, FL, May 20, 2010.

12. *Operative Management of Humeral Shaft Fractures*
    Given at Emory University, Atlanta, GA, September 22, 2009.

13. *Treatment of Distal Clavicle Fractures*
    Given at the University of South Florida, Tampa, FL, January 30, 2009.

14. *Distal Humerus Fractures*
    Given at the University of Oklahoma, Oklahoma City, OK, May 19, 2008.

15. *Proximal Humerus Fractures*
    Given at Emory University, Atlanta, GA, November 20, 2007.

16. *Hemiarthroplasty for Fractures of the Proximal Humerus*
    Given at the University of Florida, Gainesville, FL, May 30, 2007.

17. *Current Concepts in Reverse Shoulder Arthroplasty*
    Given at the University of California-Irvine, Orange County, CA, February 23, 2006.

18. *Current Concepts of Reverse Arthroplasty*
    Given at the University of Florida, Gainesville, FL 2005.

19. *Hemiarthroplasty for Fracture*
    Given at Jackson Memorial Hospital, Miami, FL, June, 2004.

20. *Indications for Arthroplasty for Fractures of the Distal Humerus .Techniques of Total Elbow Arthroplasty. Treatment of Complications of Total Elbow Arthroplasty*
    Given at Orlando Regional Medical Center, Orlando, FL, April, 2004.

21. *Terrible Triad Injuries To The Elbow*
    Given at University of Florida, Gainesville, FL, 2003.

22. *Glenohumeral Arthritis*
    Given at the United States Naval Hospital, Jacksonville, FL, April, 2001.