

NAME & CONTACT	POSITION TITLE
Reuben Gobezie, M.D. Cell: 216-502-0303 Email: reuben.gobezie@uhhospitals.org Office: 216-844-7093	Asst. Prof., Dept. of Orthopaedic Surgery Asst. Prof., The Case Center for Proteomics & Mass Spectrometry

EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Johns Hopkins University	B.A.	1994	Biology
Harvard Medical School	M.D.	1999	Medicine
Brigham and Women's Hospital	Intern	1999-2001	Surgery
Harvard Combined Orthopaedic Residency	Resident	2001-2005	Orthopaedic Surgery
Harvard Shoulder Fellowship	Fellow	2006	Shoulder Surgery
Department of Orthopaedic Surgery, Case Western Reserve University School of Medicine	Faculty	2006-present	Shoulder Surgery and Cartilage Transplant

A. Awards and Honors

Research Fellowships or Awards:

1989	Xerox Award in the Humanities
1991	Howard Hughes Summer Research Fellowship
1991-1993	NIH Student Research Fellowship
1997-98	Sarnoff Fellowship in Cardiovascular Research
1998	Merck AAMP Summer Research Fellowship
1999	Association of Academic Surgeons Research Award
2004	Arthroscopy Association of North America Research Grant
2004	Harvard Partners Center for Genomics and Genetics Research Grant
2004	Pfizer <i>Innovative Scientific Centers for Orthopaedic and Pain Excellence</i> Fellowship Award
2005	MGH Physician-Scientist Bridge Award
2005	OREF/Zimmer Career Development Award
2006	Didier Patte Award, Best Technical Video, Arthroscopic Suprascapular Nerve Release, Society for European Shoulder and Elbow Surgeons
2007	University Hospitals Minority Career Development Award
2008	Shand's Circle, Orthopaedic Research and Educational Foundation
2009	Best Research Paper, Finalist, Society for European Shoulder and Elbow Surgeons
2011	Orthopaedic Research and Education Foundation Research Grant in Arthritis

Professional Organizations

1999-2000 Association of Academic Surgeons
1999- American Medical Association
2000-01 Brigham and Women's Education Committee
2001- American Academy of Orthopaedic Surgeons
2004-06 Co-Director, Musculoskeletal Proteomics Research Group at Harvard
2004-06 Massachusetts Medical Society
2004- Robert J. Gladden Orthopaedic Society
2004-05 Senior Mentor, Holmes Society, Harvard Medical School
2005- Orthopaedic Research Society
2006- Herndon Society of Case Western Reserve University
2006- Cleveland Orthopaedic Society
2006- Arthroscopy Association of North America
2007- Ohio Shoulder & Elbow Society
2010- American Shoulder & Elbow Surgeons

Committees

2007- Board of Directors, Ohio Shoulder & Elbow Society
2009- Research Committee, Arthroscopy Association of North America
2009- Research Committee, Orthopaedic Research and Educational Foundation
2010- Board of Directors, Academy of Medicine Cleveland/Northern Ohio

Clinical Appointments

Instructor, Harvard Shoulder Service, Massachusetts General Hospital, Boston, MA 2005-2006

Assistant Professor, Case Western Reserve University School of Medicine, Department of Orthopaedic Surgery 2006-

Assistant Professor, Case Western Reserve University School of Medicine, The Case Center for Proteomics, 2006-2008

Director, Musculoskeletal Proteomics, Department of Orthopaedic Surgery, 2008-

Fellowship Director, the Cleveland Akron Shoulder and Elbow Fellowship (CASE), 2008-

Chief, Division of Shoulder & Elbow Surgery, Department of Orthopaedic Surgery, Case Western Reserve University School of Medicine and University Hospitals of Cleveland, 2010-

Board Certification

American Board of Orthopaedic Surgery

Instructorships/Faculty Courses

Senior Fellow, International Advanced Shoulder Live Surgery Course, Annecy, FR, June 2007

Faculty, Slovenian Live Arthroscopy Festival, Portorose, Slovenia, Oct 2007

Consultant Surgeon, Mercy Ships International, Honduras, Liberia, Benin and Sierra Leone

Faculty, Current Concepts in Upper Extremity Surgery, Cleveland Clinic Foundation, May 2008

Assistant Master Surgeon, Advanced Shoulder Course, Arthroscopy Association of North America, Chicago, June 2008

Instructor, AAOS/ASES Open and Arthroscopic Techniques in Shoulder Surgery, OLC, May 2009.

Faculty, Current Concepts in Upper Extremity Surgery, Cleveland Clinic Foundation, May 2009

Senior Fellow, International Advanced Shoulder Live Surgery Course, Annecy, FR, June 2009

Faculty, Tornier Fellow's Course in Shoulder Arthroplasty, Dallas, Texas, March 2010

Faculty, Arthroscopy Association of North America, Advanced Shoulder Course, Chicago, Jan 2011

Faculty, Tornier Fellow's Course in Shoulder Arthroplasty, Dallas, Texas, November 2010

Faculty, AAOS/AANA Arthroscopy Skills Course, San Diego, CA February 2011

Faculty, Current Concepts in Joint Replacement, Shoulder Arthroplasty, Las Vegas, May 2010

Faculty, International Advanced Shoulder Live Surgery Course, Annecy, France, June 2011

Faculty, Arthrex National Sports Fellows' Course, Naples, FL, June 2011

Faculty, Naples Shoulder Symposium, Naples, FL, Sept 2011

Faculty, Tornier National Shoulder/Elbow Fellows Course, Las Vegas, NV, Oct 2011

Faculty, Current Concepts in Shoulder and Elbow Surgery, Tampa, FL, Jan 2012

B. Publications and presentations

National/International Meetings: Abstracts and Presentations (62)

Cheng, D., Chan, A., **Gobezie, R.**, Forse, R., Abbott, W. Enabling minimally invasive vascular surgery bypass with exovascular anastomotic device. Society for Vascular Surgery Meeting, June 1998.

Aklog, L., Adams, D., Couper, G., **Gobezie, R.**, Sears, S., Cohn, L. Techniques and Results of Minimally Invasive Mitral valve Surgery in 100 patients: A Paradigm for the Future. 78th Annual Meeting of the American Association for Thoracic Surgery, May 1998.

Murphy, S., **Gobezie, R.**, Lyons, C., Harber, C., Goodchild, G. Applications of Surgical Navigation to Total Knee Arthroplasty. International Computer-Aided Orthopaedic Surgery, 2002.

Murphy, S., **Gobezie, R.**, Deshmukh, R.. Applications of Surgical Navigation to Primary Total Hip Arthroplasty. International Computer-Aided Orthopaedic Surgery, 2002.

Murphy, S., **Gobezie, R.** Surgical Navigation in Total Knee Replacement. Grand Rounds, Massachusetts General Hospital, Boston. October 2002.

Crichlow, R., **Gobezie, R.**, Ponce, B., Vrahas, M. Tibial Pilon Fractures Treated via Posterolateral Approach. American Academy of Orthopaedic Surgeons. March 2004.

Crichlow, R., **Gobezie, R.**, Ponce, B., Vrahas, M. Tibial Non-Union Treated via Posterolateral Approach and Plate Fixation. American Academy of Orthopaedic Surgeons. March 2004.

O'Toole, R., **Gobezie, R.**, Smith, M., Vrahas, M., Freiberg, A., Thornhill, T. Use of the Less Invasive Stabilization System (LISS) for Displaced Supracondylar Periprosthetic Femur Fractures After Total Knee Replacement. American Academy of Orthopaedic Surgeons Annual Meeting. March 2004.

Gobezie, R., Vrahas, M. Femur Fractures and Vascular Injury in Blunt Trauma. Orthopaedic Trauma Association Annual Meeting. October 2004.

O'Toole, R., **Gobezie, R.**, Hwang, R., Smith, M., Estok, D., Vrahas, M. Use of the LISS to treat periprosthetic femur fractures below hip arthroplasty and/or above knee arthroplasty. Podium Presentation, Orthopaedic Trauma Association Annual Meeting. October 2004.

Cashen, D., **Gobezie, R.**, Ready, J. Uncemented acetabular and femoral components in hips with pelvic irradiation and known metastasis. American Academy of Orthopaedic Surgeons Annual Meeting. March 2005.

Simovitch, R., **Gobezie, R.**, Millett, P., Warner, J.J.P. The Anatomic Total Shoulder Prosthesis: Outcomes in the 60 Years and Younger Population. International Society for Shoulder Arthroplasty. Paris, France. 2005.

Gobezie, R., Ponce, B., Ahluwalia, R., Mazzocca, A., Warner, J.J.P., Millett P. The Lesser Tuberosity Osteotomy in Total Shoulder Arthroplasty: A Biomechanical and Clinical Analysis. OREF Resident Research Symposium. May 2005.

Gobezie, R., Tsaniklides, N., Krastins, B., Warner, J.J.P., Millett, P. Complications Associated with the Use of Pain-Catheter Infusion Pumps (PCIPs) in Arthroscopic Surgery. European Society for Surgery of the Shoulder and Elbow. September 2005.

Pacheco, I., **Gobezie, R.**, Tsaniklides, N., Krastins, B., Millett, P. AC Joint Reconstruction with CA Ligament Transfer using the Docking Technique. European Society for Surgery of the Shoulder and Elbow. September 2005.

Ponce, B., **Gobezie, R.**, Mazzocca, A., Ahluwalia, R., Warner, J.J.P., Millett, P. Subscapularis Dysfunction after Total Shoulder Arthroplasty: Biomechanical and Clinical Analysis of a Novel Lesser Tuberosity Osteotomy Repair Technique. European Society for Surgery of the Shoulder and Elbow. Podium Presentation, September 2005.

Krastins B., Kho A., Sarracino, D., Chase, M., Millett, P., **Gobezie, R.** Identification of a Protein Biomarker Profile for Osteoarthritis in Knees using Proteomic Analysis. Cambridge Healthtech Institute Biomarker Discovery Summit. September 26-28th 2005.

Krastins B., Kho A., Sarracino, D., Chase, M., Millett, P., **Gobezie, R.** Identification of a Protein Biomarker Profile for Osteoarthritis in Knees using Proteomic Analysis. The Proteome Society Annual Meeting. Podium Presentation, October 2005.

Gobezie, R., Krastins, B., Kho, A., Chase, M., Sarracino, D., Thornhill, T., Millett, P. Identification of a Protein Biomarker for Osteoarthritis using Proteomics Analysis. American Academy of Orthopaedic Surgeons Annual Meeting. March 2006.

Warner, J.J.P., **Gobezie, R.**, Lavery, K., Cole, B., Millett, P. SLAP Tears: An Introduction to Interobserver and Intraobserver Variability. American Shoulder and Elbow Society Specialty Day. Podium Presentation, March 2006.

Balboni T., **Gobezie R.**, Mamon H. Heterotopic Ossification: Pathophysiology, Clinical Features and the Role of Radiotherapy for Prophylaxis. American Academy of Orthopaedic Surgeons Annual Meeting. March 2006.

Gobezie, R., Tsaniklides, N., Krastins, B., Warner, J.J.P., Millett, P. Complications Associated with the use of Pain-Catheter Infusion Pumps (PCIPs) in Arthroscopic Surgery. American Orthopaedic Society for Sports Medicine. June 2006.

Pacheco, I., **Gobezie, R.**, Tsaniklides, N., Krastins, B., Millett, P. AC Joint Reconstruction with CA Ligament Transfer using the Docking Technique. American Orthopaedic Society for Sports Medicine. Podium Presentation, June 2006.

Gobezie, R., Sanders, B, Tsaniklides, N, Millett, P. Subpectoral Biceps Tenodesis: Suture Anchor vs. IF Screw: Does it Matter? American Orthopaedic Society for Sports Medicine. Podium Presentation, June 2006.

Gobezie. R., Krastins, B., Kho, A., Chase, M., Sarracino, D., Thornhill, T., Millett, P. Identification of Highly Sensitive and Specific Biomarkers for Osteoarthritis Using Proteomics Analysis. European Union Against Rheumatism. Podium Presentation, June 2006.

Gobezie, R., Lavery, K., Cole, B., Millett, P., Warner, J.J.P. Interobserver and Intraobserver Variability in the Diagnosis and Treatment of SLAP tears using the Snyder Classification. European Society for Surgery of the Shoulder and Elbow. Athens, Greece, September 2006.

Lafosse, L., Kakuda, C., Lejeunne E., Bouchard, A., **Gobezie R.** Arthroscopic Latarjet Procedure : Technique and Early Results. European Society for Surgery of the Shoulder and Elbow. Athens, Greece, September 2006.

Sanders, B., **Gobezie, R.**, Millett, P., Warner, J.J.P. Subpectoral Biceps Tenodesis Fixation with an IF Screw vs. Suture Anchor: Does it Matter? European Society for Surgery of the Shoulder and Elbow. Podium Presentation, Athens, Greece, September 2006.

Gobezie, R., Reiland, Y., Baier, G., Audebert, S., Toussaint, B., Jost, B., Lafosse, L. Structural Integrity and Clinical Outcomes after Arthroscopic Repair of Isolated Subscapularis Tears. American Academy of Orthopaedic Surgeons. Podium Presentation, February 2007.

Lafosse, L., Broszka, R., Toussaint, B., **Gobezie, R.** The Outcome and Structural Integrity of Arthroscopic Rotator Cuff Repair using the Double-Row Suture Anchor Technique. American Academy of Orthopaedic Surgeons. Podium Presentation, February 2007.

Lafosse, L., Broszka, R., Toussaint, B., **Gobezie, R.** The Outcome and Structural Integrity of Arthroscopic Rotator Cuff Repair using the Double-Row Suture Anchor Technique. American Shoulder and Elbow Society Specialty Day. Podium Presentation, February 2007.

Lafosse, L., Broszka, R., Toussaint, B., **Gobezie, R.** The Outcome and Structural Integrity of Arthroscopic Rotator Cuff Repair using the Double-Row Suture Anchor Technique. American Orthopaedic Society for Sports Medicine Specialty Day. Podium Presentation, February 2007.

Gobezie, R., Millett, P., Lavery, K., Cole, B., Warner, J.J.P. Intraobserver and Interobserver Variability in the Diagnosis and Treatment of SLAP Tears Using the Snyder Classification. American Shoulder & Elbow Society Specialty Day. Podium Presentation, February 2007.

Gobezie, R., Millett, P., Lavery, K., Cole, B., Warner, J.J.P. Intraobserver and Interobserver Variability in the Diagnosis and Treatment of SLAP Tears Using the Snyder Classification. American Orthopaedic Society for Sports Medicine Specialty Day. Podium Presentation, February 2007.

Lafosse, L., Kakuda, C., Lejeune, E., **Gobezie, R.** All-Arthroscopic Latarjet Procedure. American Academy of Orthopaedic Surgery. Poster, February 2007.

Gobezie, R., Broszka, R., Toussaint, B., Lafosse, L. The Outcome and Structural Integrity of Arthroscopic Rotator Cuff Repair using the Double-Row Suture Anchor Technique. Arthroscopy Association of North America. Podium Presentation, April 2007.

Lafosse, L., Haag, M., **Gobezie, R.** Minimally Invasive Total Shoulder Replacement Performed Entirely Thru the Rotator Interval: Outcomes at a Minimal 2 Year Follow-Up. American Shoulder and Elbow Society Closed Meeting. Podium Presentation, October 2007.

Gobezie, R. Orthopaedic Surgery for the Poor: Cleveland and Abroad. David Satcher Lecture Series. November 2007.

Lafosse, L., Haag, M., **Gobezie, R.** Minimally Invasive Total Shoulder Replacement Performed Entirely Thru the Rotator Interval: Outcomes at a Minimal 2 Year Follow-Up. American Academy of Orthopaedic Surgery. Poster, March 2008.

Gobezie, R., Willems, K., Lafosse, L. Minimally Invasive Total Shoulder Replacement Performed Entirely Thru the Rotator Interval: Outcomes at a Minimal 2 Year Follow-Up. European Society for Shoulder and Elbow Surgery. Bruges, Belgium, September 2008.

Gobezie, R., Lee, D. Osteoarthritis Research: New perspectives and Insights From a Genomics and Proteomics Analysis. Invited speaker for Osteoarthritis Symposium at Hospital for Special Surgery. February 2009.

Lafosse, L., Kakuda, C., Lejeune, E., **Gobezie, R.** Arthroscopic Suprascapular Nerve Release in Retracted Rotator Cuff Tears: A Prospective Study with Preoperative and Postoperative EMG. American Shoulder and Elbow Society Specialty Day. February 2009.

Gobezie, R., Haas, A., Mounts, T., Shishani, Y., Syed, T. What is a Safe Blood Pressure for Controlled Hypotension in the Beach Chair Position: A Prospective Study using EEG Analysis. European Society for Shoulder and Elbow Surgeons. Madrid, Spain, September 2009.

Gillespie, R., Nowinski, R., Cohen, B., Walch, G., **Gobezie, R.** Does Antibiotic Cement in Primary Reverse Shoulder Replacement Reduce the Rate of Infection? European Society for Shoulder and Elbow Surgeons. Madrid, Spain, September 2009.

Toussaint, B., Lefevbre, E., Schnaser, E., Bosley, J., **Gobezie, R.** Structural Integrity and Clinical Outcomes of Double Row Suture Anchor Rotator Cuff Repair using the Suture Bridge Technique: A Prospective Study of 155 Patients with Preoperative and Postoperative MRI. European Society for Shoulder and Elbow Surgeons. Madrid, Spain, September 2009.

Robbins, M., Gillespie, R., Shishani, Y., **Gobezie, R.** Biological Imaging of Labral Tears in the Shoulder: A Prospective Study of MRI with IV Gadolinium. European Society for Shoulder and Elbow Surgeons. Madrid, Spain, September 2009.

Lee, D., Ritter, S., Bebek, G., Shishani, Y., **Gobezie R.** Protein Biomarkers and the Role of Complement and Phospholipase A2 in Osteoarthritis Pathogenesis. SNOW. Chicago, September 2009.

Lee, D., Ritter, S., Bebek, G., Shishani, Y., **Gobezie, R.** 2D DIGE and Triple Quadrupole Mass Spectrometry in the Identification and Evaluation of Osteoarthritis Biomarkers and Pathogenesis. American College of Rheumatology. Philadelphia, October 2009.

Toussaint, B., Lefevbre, E., Schnaser, E., Bosley, J., **Gobezie, R.** Structural Integrity and Clinical Outcomes of Double Row Suture Anchor Rotator Cuff Repair using the Suture Bridge Technique: A Prospective Study of 155 Patients with Preoperative and Postoperative MRI. American Academy of Orthopaedic Surgery. Podium presentation, New Orleans, 2010.

Gillespie, R., Nowinski, R., Cohen, B., Walch, G., **Gobezie, R.** Does Antibiotic Cement in Primary Reverse Shoulder Replacement Reduce the Rate of Infection? American Academy of Orthopaedic Surgeons. Podium presentation, New Orleans, 2010.

Gobezie, R., Haas, A., Mounts, T., Shishani, Y., Syed, T. What is a Safe Blood Pressure for Controlled Hypotension in the Beach Chair Position: A Prospective Study using EEG Analysis. American Academy of Orthopaedic Surgeons. Podium presentation, New Orleans, 2010.

Toussaint, B., Lefevbre, E., Schnaser, E., Bosley, J., **Gobezie, R.** Clinical Outcomes and Structural Integrity of Combined Subscapularis and Supraspinatus Tears Repaired using Double-Row Transosseous Equivalent Rotator Cuff Reconstruction. Arthroscopy Association of North America. Fort Lauderdale, May 2010.

Toussaint, B., Lefevbre, E., Schnaser, E., Bosley, J., **Gobezie, R.** Structural Integrity and Clinical Outcomes of Double Row Suture Anchor Rotator Cuff Repair using the Suture Bridge Technique: A Prospective Study of 155 Patients with Preoperative and Postoperative MRI. Arthroscopy Association of North America. Fort Lauderdale, May 2010.

Gobezie, R., Gillespie, R., Haas, A., Mounts, T., Shishani, Y., Syed, T. What is a Safe Blood Pressure for Controlled Hypotension in the Beach Chair Position: A Prospective Study using EEG Analysis. Arthroscopy Association of North America. Fort Lauderdale, May 2010.

Toussaint, B., Lefevbre, E., Schnaser, E., Bosley, J., **Gobezie, R.** Structural Integrity and Clinical Outcomes of Double Row Suture Anchor Rotator Cuff Repair using the Suture Bridge Technique: A Prospective Study of 155 patients with Preoperative and Postoperative MRI. American Orthopaedic Society for Sports Medicine. Newport, June 2010.

Lenarz, C., Edwards, B., Nowinski, R., Walch, G., **Gobezie, R.** Does Resection Arthroplasty After Failed Reverse Total Shoulder Replacement Yield Worse Outcomes? International Congress of Shoulder and Elbow Surgery. Scotland, September 2010.

Lenarz, C., Edwards, B., Nowinski, R., Shishani, Y., Warner, J.J.P., **Gobezie, R.** Pectoralis Major Tendon Transfer for the Treatment of Long Thoracic Nerve Palsy: Direct vs. Indirect Transfer... Does it Matter? International Congress of Shoulder and Elbow Surgery. Scotland, September 2010.

Lenarz, C., Bragdon, C., Malchau, H., Shishani, Y., **Gobezie, R.** Radiosteriometric Analysis of Uncemented Humeral Components in Unconstrained Primary Total Shoulder Arthroplasty: Is Subsidence an Issue? International Congress of Shoulder and Elbow Surgery. Scotland, September 2010.

Lenarz, C., Nowinski, R., Edwards, B., Shishani, Y., **Gobezie, R.** Reverse Total Shoulder Arthroplasty for the Treatment of Acute Proximal Humerus Fractures in the Elderly. American Academy of Orthopaedic Surgeons. San Diego, February 2011.

Lenarz, C., Bragdon, C., Malchau, H., Shishani, Y., **Gobezie, R.** Radiosteriometric Analysis of Uncemented Humeral Components in Unconstrained Primary Total Shoulder Arthroplasty: Is Subsidence an Issue? American Academy of Orthopaedic Surgeons. San Diego, February 2011.

Lenarz, C., Shishani, Y., Wanner, J.P., Edwards, B., Walch, G., Warner, J.J.P., **Gobezie, R.** Outcomes of Resection Arthroplasty for Failed Shoulder Arthroplasties: A Multi-Center Study. American Academy of Orthopaedic Surgeons. San Diego, February 2011.

Wanner, J.P., Subbaiah, R., **Gobezie, R.** Do the Signaling Pathways in Osteoarthritis Differ Between Weight-bearing and Non-weight-bearing Joints? A Mass Spectrometry Study of the Shoulder and Knee Proteome. European Shoulder and Elbow Society. Podium Presentation, Lyon, France, September 2011.

Streit, J., Wanner, J.P., Lenarz, C., Shishani, Y., Lucas, C., Rodgers, M., Murthy, P., **Gobezie, R.** Histologic Analysis of Biceps Tenosynovitis: Is it Similar to De Quervain's Tenosynovitis? European Shoulder and Elbow Society. Podium Presentation, Lyon, France, September 2011.

Streit, J., Wanner, J.P., Lenarz, C., Lucas, C., Shishani, Y., Edwards, B., **Gobezie, R.** Reverse Total Shoulder Arthroplasty in Patients Under Sixty Years of Age: Who are They, and How do They Fare? European Shoulder and Elbow Society. Poster, Lyon, France, September 2011.

Streit, J., Wanner, J.P., Lenarz, C., Lucas, C., Shishani, Y., Edwards, B., **Gobezie, R.** Reverse Total Shoulder Replacement in Patients Under Sixty Years of Age: Who are They and How do They Fare? Closed Meeting of American Shoulder and Elbow Surgeons. The Greenbriar, October 2011.

Gobezie, R. Current Concepts in Shoulder Surgery: From Arthroplasty to Arthroscopy and Back Again. Grand Rounds, University of Toledo, November 2011.

Gobezie, R. Controversies and Advances in Shoulder Surgery. Grand Rounds, Beaumont University, Detroit, Michigan, January 2012.

Peer Reviewed Publications (44)

Aklog, L., Adams, D., Couper, G., **Gobezie, R.**, Sears, S., Cohn, L. Techniques and Results of Direct-Access Minimally Invasive Mitral Valve Surgery: A Paradigm for the Future. *The Journal of Thoracic and Cardiovascular Surgery* 166(5): 705-715, 1998.

Gobezie, R., Ponce, B., Vrahas, M. Pilon Fractures: New Thoughts in Management-the Posterolateral Approach for ORIF of Pilon Fractures. *Operative Techniques in Orthopedics*. 13 (2): 113-119, 2003.

Murphy, S., **Gobezie, R.**, Lyons, C., Harber, G., Goodchild, G. Applications of surgical navigation to primary total knee arthroplasty. *The Journal of Bone and Joint Surgery, Vol. 86-B*, 2004.

Ponce, B., Ahluwalia, R., Mazzocca, A., **Gobezie, R.**, Warner, J.J.P., Millett, P. Subscapularis Dysfunction after Total Shoulder Arthroplasty: A Biomechanical and Clinical Evaluation of a Novel Lesser Tuberosity Osteotomy Repair Technique. *The Journal of Bone and Joint Surgery, 87(Suppl 2:1-8)*, 2005.

Bhattacharyat, T., Crichlow, R., **Gobezie, R.**, Vrahas, M. Complications of using the Posterolateral Approach for Fixation of Pilon Fractures. *Journal of Orthopedic Trauma*. 20(2):104-107, 2006.

O'Toole, R., **Gobezie, R.**, Hwang, R., Smith, M., Vrahas, S. The LISS for Periprosthetic Fractures About Total Knee Replacements. *Clinical Orthopedics and Related Research*. Sep;450:203-10, 2006.

Gobezie, R., Sarracino, D., Evans, C., Thornhill, T., Millett, P. Proteomics: Applications to the study of Rheumatoid and Osteoarthritis. *Journal of the American Academy of Orthopaedic Surgery* 14(6):325-32, 2006.

Barton, R., Pacheco, I., **Gobezie, R.**, Millett, P. Suprascapular Nerve Entrapment: Technique for Arthroscopic Release at the Spinoglenoid Notch. *Techniques in Shoulder and Elbow Surgery* 7(2): 89-94, 2006.

Balboni, T., **Gobezie, R.**, Mamon, H. Heterotopic Ossification: Pathophysiology, Clinical Features and the Role of Radiotherapy for Prophylaxis. *International Journal of Radiation Oncology*Biophysics*Physics*. Aug 1;65(5):1289-1299, 2006.

Pacheco, I., Millett, P., **Gobezie, R.**, Barton, R., Warner, J.J.P. Management of Recalcitrant Scapulothoracic Bursitis: Endoscopic Scapulothoracic Bursectomy and Scapulothoracoplasty. *Techniques in Shoulder and Elbow Surgery*. 7(4):200-205, December 2006.

- Lafosse, L., Tomasi, A., Corbett, S., Baier, G., Willems, K., **Gobezie, R.** Arthroscopic Release of Isolated Suprascapular Nerve Entrapment at the Suprascapular Notch: Technique and Preliminary Results. *Arthroscopy* 23(1):34-42, January 2007.
- Lafosse, L., Jost, B., Reiland, Y., Baier, G., Audebert, S., Toussaint, B., **Gobezie, R.** Structural Integrity and Clinical Outcomes After Arthroscopic Repair of Isolated Subscapularis Tears. *Journal of Bone and Joint Surgery.* Jun;89(6):1184-93, 2007.
- Balboni, T., **Gobezie, R.**, Mamon, H. Shielding of the Hip Prosthesis During Radiation Therapy for Heterotopic Ossification is Associated with Increased Failure of Prophylaxis. *International Journal of Radiation Oncology*Biology*Physics.* Apr 1;67(5):1499-505, 2007.
- Gobezie, R.**, Warner, J.P. SLAP Lesion: What is it....Really? *Skeletal Radiology.* May;36(5):379, 2007.
- Gobezie, R.**, Krastins, B., Kho, A., Chase, M., Sarracino, D., Thornhill, T., Millett, P. Identification of Highly Sensitive and Specific Biomarkers for Osteoarthritis Using Proteomics Analysis. *Arthritis Research and Therapy.* Apr 2;9(2):R36, 2007.
- Lafosse, L., Broszka, R., Toussaint, B., **Gobezie, R.** The Outcome and Structural Integrity of Arthroscopic Rotator Cuff Repair using the Double-Row Suture Anchor Technique. *Journal of Bone and Joint Surgery.* Jul;89(7):1533-41, 2007.
- Lafosse, L., **Gobezie, R.**, Kakuda, C., Lejeunne, E., Kochlar, T. All Arthroscopic Technique for the Latarjet Procedure (ALPS). *Arthroscopy.* 2007 Nov ;23 (11):1242.e1-5
- Gobezie, R.**, Pacheco I., Petit, C., Millett, P. Dislocation and Instability after Arthroscopic Capsular Release for Refractory Frozen Shoulder. *The American Journal of Orthopedics.* 2007 Dec ;36 (12):672-4
- Gobezie, R.**, Lavery, K., Cole, B., Millett, P., Warner, J.J.P. Interobserver and Intraobserver Variability in the Diagnosis and Treatment of SLAP tears using the Snyder Classification. *American Journal of Sports Medicine.* 2008 Jul;36(7):1373-9.
- Lafosse, L., Broszka, R., Toussaint, B., **Gobezie, R.** The Outcome and Structural Integrity of Arthroscopic Rotator Cuff Repair using the Double-Row Suture Anchor Technique. *Journal of Bone and Joint Surgery.* 2008 Oct;90 Suppl 2 Pt 2:275-86
- Millett, P., **Gobezie, R.**, Boykin, R. Shoulder Osteoarthritis: Diagnosis and Management. *American Family Physician.* 2008 Sep 1;78(5):605-11.
- Millett, P., Sanders, B., **Gobezie, R.**, Braun, S., Warner, J.J.P. Biceps Tenodesis: Suture Anchor vs. Interference Screw: Does it Matter? *BMC Musculoskeletal Disorders.* 2008 Sep 15;9:121.
- Shin, K., Nigrovic, P., Crish, J., Boilard, E., McNeil, H., Larabee, K., Adachi, R., Gurish, M., **Gobezie, R.**, Stevens, R., Lee, D. Mast Cells Contribute to Inflammatory Arthritis via Their Tryptase/Heparin Complexes. *Journal of Immunology.* 2009 Jan 1;182(1):647-56.

Millett, P., Braun, S., **Gobezie, R.**, Pacheco, I. Acromioclavicular Joint Reconstruction with Coracoacromial Ligament Transfer using the Docking Technique. *BMC Musculoskeletal Disorders*. 2009 Jan 14;10(1):6.

Toussaint, B., Schnaser, E., **Gobezie, R.** Double-Row Rotator Cuff Repair using a Modified Lasso-Loop Stitch. *Arthroscopy*, 2009 Jun;25(6):691-5.

Bosley, J., Schnaeser, E., Shishani, Y., Goofellow, D., **Gobezie, R.** In Situ Subpectoral Biceps Tenodesis with a Biceps Button. *Techniques in Shoulder and Elbow Surgery*, 2009 Sep 10(3):91-93.

Lafosse, L., Schnaser, E., Haag, M., **Gobezie, R.** Total Shoulder Replacement Performed Entirely Thru the Rotator Interval. *Techniques in Shoulder and Elbow Surgery*, 2009 Sep 10(3):99-104.

Lafosse, L., Schnaser, E., Haag, M., **Gobezie, R.** Primary Total Shoulder Arthroplasty Performed Entirely Thru the Rotator Interval: Technique and Minimum Two-Year Outcomes. *Journal of Shoulder Elbow Surgery*, 2009 November 18; 6:864-873.

Schnaser, E., Noel, C., **Gobezie, R.** A New Technique for Repairing Pectoralis Major Muscle Injuries with Cortical Button Fixation. *Techniques in Shoulder and Elbow Surgery*. Sept 2010 11(3):81-84.

Lee, D., Boilard, E., Larabee, K., Gelb, M., Arm, J., Balestrieri, B., Lambeau, G., Heinz, R., **Gobezie, R.** A Novel Anti-Inflammatory Role for Secretory Phospholipase A2 in Immune Complex-Mediated Arthritis. *EMBO Molecular Medicine*. 2010 May;2(5):172-87

Lenarz, C., Shishani, Y., **Gobezie, R.** Surface Replacement: The Hemicap Solution. *Seminars in Arthroplasty* March 2011 (Vol. 22, Issue 1, Pages 10-13).

Streit, J., Shishani, Y., **Gobezie, R.** Pectoralis Major Tendon Transfer for Subscapularis Insufficiency: A Biological Bail-Out. *Seminars in Arthroplasty* March 2011 (Vol. 22, Issue 1, Pages 37-41).

Streit, J., Shishani, Y., Wanner, J.P., **Gobezie, R.** Nerve Injury after Total Shoulder Arthroplasty: We've Got a Bad Connection. *Seminars in Arthroplasty* June 2011 (Vol. 22, Issue 2, Pages 132-136).

Lenarz C, **Gobezie R.** Reverse total shoulder arthroplasty. *Journal of Visualized Experiments*. 2011 Jul 5;(53).

Streit, J., Lenarz, C., Shishani, Y., McCrum, C., Wanner, J.P., Nowinski, R., Warner, J.J.P., **Gobezie, R.** Pectoralis Major Tendon Transfer for the Treatment of Scapular Winging Due to Long Thoracic Nerve Palsy. *Journal of Shoulder and Elbow Surgery*. 2011 Jun 29.

Toussaint, B., Schnaser, E., Bosley, J., Lefebvre, Y., **Gobezie R.** Early Structural and Functional Outcomes for Arthroscopic Double-Row Transosseous-Equivalent Rotator Cuff Repair. *American Journal of Sports Medicine*. 2011 Jun;39(6):1217-25.

Lenarz, C., Edwards, B., Nowinski, R., Shishani, Y., McCrum, C., **Gobezie, R.** Reverse Total Shoulder Arthroplasty for the Treatment of Acute Proximal Humerus Fractures in the Elderly. *Clinical Orthopedic Related Research*. 2011 Dec; 469(12):3324-3331.

Lenarz, C., Streit, J., Schnaser, E., **Gobezie, R.** Pectoralis Major Tendon Rupture: Evaluation, Treatment Options, and Surgical Technique. *Orthopedics*

Gobezie, R., Lenarz, C., Wanner, J.P., Streit, J. All Arthroscopic Biological Total Shoulder Resurfacing. *Arthroscopy*. 2011 Nov;27(11):1588-93.

Nowinski, R., Gillespie, R., Shishani, Y., Cohen, B., Walch, G., **Gobezie, R.** Antibiotic-Loaded Bone Cement Reduces Deep Infection Rates for Primary Reverse Total Shoulder Arthroplasty: A Retrospective, Cohort Study of 501 Shoulders. *Journal of Shoulder and Elbow Surgery*. 2012, Mar;21(3):324-328.

Gillespie, R., Shishani, Y., Wanner, J.P., Syed, T., Haas, A., McCrum, C., **Gobezie, R.** The Safety of Controlled Hypotension During Arthroscopy in the Beach Chair Position: A Real-Time EEG Analysis. *Journal of Bone and Joint Surgery*.

Wang, Q., Rozelle, A., Lepus, C., Scanzello, C., Song, J., Larsen, D., Crish, J., Bebek, G., Ritter, S., Lindstrom, T., Hwang, I., Wong, H., Punzi, L., Encarnacion, A., Shamloo, M., Goodman, S., Wyss-Coray, T., Goldring, S., Banda, N., Thurman, J., **Gobezie, R.**, Crow, M., Holder, V., Lee, D., Robinson, W. Identification of a Central Role for Complement in Osteoarthritis. *Nature Medicine*. 2011 Nov6;17(12):1674-9.

Messerschmitt, P., Abdul-Karim, F., Iannotti, J., Gobezie, R. Progressive Osteolysis and Surface Chondrolysis of the Proximal Humerus Following Influenza Vaccination. *Orthopedics*. 2012 Feb 17(35)2:283-286.

Non Peer-Reviewed Publications

Murphy, S., **Gobezie, R.** Surgical Navigation in Total Knee Arthroplasty. *The Orthopaedic Journal at Harvard Medical School* 4: 113-118, 2002.

Gobezie, R., Ready, J. Pathologic Humerus Fractures. *The Orthopaedic Journal at Harvard Medical School* 5 : 126-129, 2003.

Gobezie, R., Sarracino, D., Evans, C., Thornhill, T., Millett, P. Proteomics: Applications to the Study of Rheumatoid and Osteoarthritis. *The Orthopaedic Journal at Harvard Medical School*, 6:67-70, 2004.

Krastins, B., **Gobezie, R.**, Sarracino, D., Thornhill, T., Millett, P. Proteomics in musculoskeletal disorders: another look at rheumatoid and osteoarthritis. *Orthopaedic Journal at Harvard Medical School* 7:84-88, 2005.

Gobezie, R. Arthroscopic Biological Total Shoulder Resurfacing. Innovations in Orthopaedics. Fall 2011

Book Chapters (8)

Aklog, L., **Gobezie, R.**, Adams, D. Aortic Valve Endocarditis. Endocarditis: A Multidisciplinary Approach to Modern Treatment. Futura Publishing Co., 1998.

Huddleston, J., **Gobezie, R.**, Rubash, H. Rotational Alignment in Revision Total Knee Arthroplasty. In: Revision Total Knee Replacement. Springer-Verlag, New York, 2005.

Hatch, G., **Gobezie, R.**, Millett, P. Stiffness after surgery for rotator cuff repair. AAOS monogram, 2007.

Lafosse, L., **Gobezie, R.** Arthroscopic repair of subscapularis tears. In: Rotator Cuff Surgery. Springer-Verlag, New York, 2007.

Lenarz, C., **Gobezie, R.** Acromioclavicular joint injuries. Evaluation and Management of Common UE Disorders. SLACK Publishers, *in press*.

Streit, J., **Gobezie, R.** Biceps tendonitis. Orthopaedics : Diagnosis and Treatment Essentials for Primary Care Physicians. *World Scientific Publishing (in press)*

Streit, J., **Gobezie, R.** Impingement. Orthopaedics : Diagnosis and Treatment Essentials for Primary Care Physicians. *World Scientific Publishing (in press)*

Lenarz, C., **Gobezie, R.** Shoulder osteoarthritis. Orthopaedics : Diagnosis and Treatment Essentials for Primary Care Physicians. *World Scientific Publishing (in press)*

C. Past/Present Research Support

Arthroscopy Association of North America Research Grant

Title of project: Analysis of Rheumatoid and Osteoarthritic Joints using Protein Microarrays

Principal Investigator

Funding ends: 5/1/05.

Harvard Partners Center for Genomics and Genetics Research Grant

Title of project: LC-MS/MS and protein microarray analysis of rheumatoid and osteoarthritic joints

Co-Principal Investigator

Funding ends: 7/1/05

Pfizer Inscope Orthopaedic Fellowship Award

Title of Project: Development of an Interactive Patient Profile Database for Prospective Clinical Research

Principal Investigator

Funding Ends: 6/30/2006

Massachusetts General Hospital Physician-Scientist Bridge Award

Title of Project: Biomarkers in Osteoarthritis
Principal Investigator
Funding ends: 6/30/2006

OREF/Zimmer Career Development Award
Title of Project: LC-MS/MS analysis of rheumatoid and osteoarthritic joints/traveling shoulder and elbow fellowship
Principle Investigator
Funding ends: 7/30/2006

Case Western Reserve University/Cleveland Foundation
Start-up Funds for Laboratory
Funding start: 7/19/2007
Funding ends: 7/18/2010

University Hospitals/CWRU Minority Faculty Career Development Award
Funding starts: 7/01/2007
Funding ends: 6/30/2010

Tornier Research Grant
Title of Project: Radiosteriometric Analysis in Total Shoulder Arthroplasty
Funding start: 09/2007
Funding ends: 08/2012

Arthrex Research Grant
Title of Project: Wear and Component Stability in Keeled vs. Pegged Glenoids after Total Shoulder Arthroplasty
Funding start: 05/2009
Funding ends: 04/2011

NIH SBIR
Title of Project: Use of portable EEG monitor to define the parameters of safe controlled hypotension in the beach chair position during shoulder arthroscopy.
NIH SBIR Grant #6-R44-NS-047815-04
Funding ends: 6/2010

Orthopaedic Research and Education Foundation
Goldberg Arthritis Research Grant
Title of project: Molecular mechanisms of synovial tissue contribution to the pathophysiology of osteoarthritis.
Funding ends: 8/1/2012