



**AVNER Y. YEMIN**

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**EDUCATION**

<b>Musculoskeletal Radiology Fellowship</b>	7/14-6/15
<i>New York University, New York, NY</i>	
<b>Diagnostic Radiology Residency</b>	7/10-6/14
<i>New York University, New York, NY</i>	
<b>Surgical Internship</b>	7/09-6/10
<i>Beth Israel Medical Center, New York, NY</i>	
<b>Medical Doctor Degree</b>	8/05-5/09
<i>Mount Sinai School of Medicine, New York, NY</i>	
<b>B.S. in Microbiology and Cell Science, Magna Cum Laude</b>	8/99-12/04
<i>University of Florida, Gainesville, FL</i>	

**CERTIFICATIONS**

<b>Diplomate, American Board of Radiology, Diagnostic Radiology</b>	10/15-present
<b>Nuclear Regulatory Commission (NRC) Authorized User (AU) Eligible</b>	10/15-present
<b>Florida State Medical License #ME122054</b> (expiration 1/31/2027)	10/14-present
<b>New York State Medical License #275828</b> (expired 5/31/2016)	06/14-05/16
<b>BLS Certification</b> by American Heart Association	7/06-present
<b>ACLS Certification</b> by American Heart Association	7/06-present

**WORK EXPERIENCE**

<b>Envision Physician Services, Radiology, Radiology Associates of Hollywood</b>	7/16-present
<i>Diagnostic Radiologist</i>	
<i>Chief Musculoskeletal Radiology Section</i>	12/18-present
<i>Director of Recruiting</i>	11/16-present
<i>Management Committee, Elected member</i>	01/21-present
<b>Envision Physician Services, Radiology, Aventura Hospital/HCA East Market</b>	9/15-7/16
<i>Diagnostic Radiologist</i>	
<b>New York Medical Diagnostic Imaging PC</b>	8/14-8/15
<i>Moonlighting - Diagnostic radiology coverage high volume diagnostic ultrasound clinics</i>	

**ENVISION COMMITTEES**

<b>National Clinical Advisory Board</b>	
<i>Chair Radiology Service Line</i>	07/21-01/25
<i>Served as clinical think tank/advisory board for Envision CEO/CMO/CFO and executives</i>	

**Benefits Advisory Committee**

*Radiology Service Line Representative* 03/20-03/21

**CLC- Clinical Retention Workgroup**

*Radiology Service Line Junior Representative* 11/19-11/20

**Radiology Service Line Physician Engagement Committee** 10/16-10/18

**Envision Physicians Services Emerging Leaders Leadership Academy** 01/16-01/17

**Radiology Service Line Recruiting Physician Liaison** 09/15-present

**AWARDS AND HONORS**

**Fellow of the Year, New York University Department of Radiology** 2015

**Surgical Intern of the Year, Beth Israel Medical Center** 2010

**Alpha Omega Alpha Honor Society** 2009

**New York Medical Society Community Service Award** 2009

**Gold Humanism Honor Society, peer selected** 2008

**Outstanding Service to Mount Sinai Community, Mount Sinai School of Medicine** 2007

**Outstanding Service to Fellow Students, Mount Sinai School of Medicine** 2006

**Mount Sinai Summer Research Scholar** 2006

**American Association of Anatomists Student Travel Award** 2007

**RESEARCH EXPERIENCE**

**Research Fellow** - Center for Anatomy and Functional Morphology, *Mount Sinai School of Medicine*, New York, NY, Mentor: Jeffrey T. Laitman, PhD. 6/06-8/08  
Developed a micro-CT imaging protocol to evaluate the relationship between ossification of the petro-occipital fissure and age-related hearing loss in an animal model.

**Research Associate** - Department of Neuroscience, *University of Florida McKnight Brain Institute*, Gainesville, FL, Mentor: Stephen J. Blackband, PhD. 12/02-5/05  
Developed non-invasive techniques for assessing *in vivo* levels of <sup>13</sup>C labeled glutathione of tumors in an animal model using high field Magnetic Resonance.  
Developed and built <sup>17</sup>O RF coils and high field Magnetic Resonance mouse probe.

**PUBLICATIONS****Peer Reviewed Paper Publications**

1. Gyftopoulos S, Beltran LS, **Yemin AY**, Strauss E, Meislin R, Jazrawi L, Recht MP. Use of 3D MR reconstructions in the evaluation of glenoid bone loss: a clinical study. *Skeletal Radiology* 2014 Feb;43(2):213-8.
2. Gyftopoulos S, **Yemin AY**, Beltran L, Babb J, Bencardino J. Engaging Hill-Sachs lesion: is there an association between this lesion and findings on MRI? *American Journal of Roentgenology* 2013 Oct;201(4):W633-8.
3. Gyftopoulos S, **Yemin AY**, Mulholland T, Bloom M, Storey P, Geppert C, Recht MP. 3DMR osseous reconstructions of the shoulder using a gradient-echo based two-point Dixon reconstruction: a feasibility study. *Skeletal Radiology* 2013 Mar;42(3):347-52.
4. Weintraub JL, **Yemin AY**. Endovascular treatment of uterine fibroids. *US Radiology*, 2011;1(1):63-9
5. Thelwall PE, **Yemin AY**, Gillian TL, Simpson NE, Kasibhatla MS, Rabbani ZN, Macdonald JM, Blackband SJ, Gamcsik MP. Noninvasive *in vivo* detection of glutathione metabolism in tumors. *Cancer Research* 2005; 65(22):10149-53.

**Peer Reviewed Oral Presentations**

1. O'donnell J, Bencardino J, Gyftopoulos S, **Yemin AY**, Shah N, Babb J, Martin T, Adler RS. MR Arthrographic (MRA) images of the Shoulder in Abduction External Rotation (ABER): Are they clinically valuable? SSR 2014
2. **Yemin AY**, Bencardino J, Gyftopoulos S, O'donnell J, Shah N, Babb J, Martin T, Adler RS. MR Arthrography (MRA) of the Shoulder: Does approach really impact diagnostic accuracy and confidence? – RSNA, Chicago, IL November 2013.
3. Gyftopoulos S, Beltran L, **Yemin AY**, Strauss E, Meislin R, Jazrawi, L, Recht.MP. Estimation of Glenoid Bone Loss using 3DMR Reconstructions of the Shoulder – RSNA, Chicago, IL 2013.
4. **Yemin AY**, Gyftopoulos S, Mulholland T, Bloom M; Storey P, Geppert C, Recht MP. 3D MR Osseous Reconstructions Of The Shoulder Using A Gradient-Echo Based 2-Point Dixon Reconstruction: A Feasibility Study – ARRS, Washington, DC 2013.
5. Gyftopoulos S, **Yemin AY**, Mulholland T, Bloom M; Storey P, Geppert C, Recht MP. 3DMR Osseous Reconstructions Of The Shoulder Using A Gradient-Echo Based 2-Point Dixon Reconstruction: A Feasibility Study – SSR, San Antonio 2013
6. Gyftopoulos, S, **Yemin AY**, Babb, J, Recht, M. Engaging Hill-Sachs lesions: Is there an association between this lesion and MR imaging findings? . RSNA Chicago, IL November 2012.
7. **Yemin AY**, Babb, J, Macari, M. Low and Standard Dose MDCT: Effect on Urinary Stone Visualization, Size, and Attenuation. RSNA Chicago, IL November 2011.
8. **Yemin AY**, Salinas HM, Balboni AL, Fritton JC, Reidenberg JS, Bergemann AD, Schaffler MB, Smouha EE, Laitman JT. New imaging visualizations of the posterior cranial base in rats via micro-CT: Implications for uncovering anatomical correlates of age-related hearing loss. Experimental Biology Annual Meeting, Washington, DC, May, 2007.
9. Thelwall PE, **Yemin AY**, Simpson NE, Schehl T, Macdonald JM, Blackband SJ, Gamcsik MP. Non-invasive monitoring of glutathione metabolism and heterogeneity in rat tumor tissue. International Society for Magnetic Resonance in Medicine 13<sup>th</sup> Scientific Meeting and Exhibition in Miami, Florida, May, 2005.

#### **Peer Reviewed Poster Presentations:**

1. Vigdorchik, J, Eftekhary, N, **Yemin AY**, Davidovitch, R, Bloom, MC, Gyftopoulos, S. 3D-MRI versus 3D-CT in the Evaluation of Osseous Anatomy in Femoroacetabular Impingement and Hip Dysplasia AAOS Annual Meeting, Orlando, Florida, 2016
2. **Yemin AY**, Beltran L, Vigdorchik J, Bloom M, Babb J, Martin T, Gyftopoulos, S. 3D MR versus 3D CT osseous reconstructions of the hip using a gradient-echo based 2-point Dixon reconstruction: A comparison study. Society of Skeletal Radiology, Scottsdale, AZ, 2015.
3. **Yemin AY**, Salinas HM, Balboni AL, Fritton JC, Reidenberg JS, Bergemann AD, Schaffler MB, Smouha EE, Laitman JT. New imaging visualizations of the posterior cranial base in rats via micro-CT: Implications for uncovering anatomical correlates of age-related hearing loss. Experimental Biology Annual Meeting, Washington, DC, May, 2007.
4. Salinas HM, **Yemin AY**, Balboni AL, Reidenberg JS, Bergemann AD, Gannon PJ, Smouha EE, Laitman JT. Development of an experimental model for the study of the ossification of the petro-occipital fissure and its ties to age-related hearing loss. Experimental Biology Annual Meeting, Washington, DC, May, 2007.
5. **Yemin AY**, Salinas HM, Balboni AL, Fritton JC, Bergemann AD, Reidenberg JS, Schaffler MB, Smouha EE, Laitman JT. New imaging visualizations of the posterior cranial base in rodents: Implications for uncovering anatomical correlates of age-related hearing loss. 12<sup>th</sup> Annual Medical Student Research Day, Mount Sinai School of Medicine, New York, NY, November 2006.
6. **Yemin AY**, Thelwall PE, Simpson NE, Schehl T, Macdonald JM, Blackband SJ, Gamcsik MP. Non-invasive monitoring of glutathione metabolism and heterogeneity in rat brain, liver and tumor tissue. International Society of Magnetic Resonance 15<sup>th</sup> Conference, Jacksonville, Florida, October, 2004.

7. Thelwall PE, **Yemin AY**, Simpson NE, Schehl T, Macdonald JM, Blackband SJ, Gamcsik MP. Non-invasive monitoring of glutathione metabolism and heterogeneity in rat tumour tissue. Advances in Experimental and Clinical Magnetic Resonance in Cancer Research, ISMRM Workshop, Manchester, England, October 2004.

### **Book Chapters:**

1. **Yemin AY**, Adler R. The Shoulder: Imaging Diagnosis with Treatment Implications. Chapter 5: Sonographic Evaluation of the Shoulder, Bencardino J, Rokito A. Springer Nature Switzerland AG, 2019.

### **Other Publications**

1. Thelwall PE, **Yemin AY**, Simpson NE, Schehl T, Blackband SJ, Macdonald JM, Gamcsik MP. Non-invasive monitoring of glutathione metabolism and heterogeneity in rat tumor tissue. National High Magnetic Field Laboratory, 2004 Research Report (107).
2. **Yemin AY**. *In vivo* detection of metabolically produced isotopically labeled glutathione using high field magnetic resonance. Undergraduate Thesis, University of Florida College of Liberal Arts and Sciences, May, 2004.

### **LEADERSHIP EXPERIENCE**

<b>Chair Radiology Service Line National Clinical Advisory Board</b>	07/21-01/25
<b>Radiology Associated of Hollywood Management Committee</b>	01/21-present
<i>Elected member</i>	
<b>Section Chief, Musculoskeletal Radiology, Memorial Healthcare System</b>	12/18-present
<b>Director of Recruiting, Radiology Associates of Hollywood, Envision Physician Services</b>	11/16-present
<b>President of Student Council, Mount Sinai School of Medicine</b>	5/08-5/09
<b>Executive Steering Committee, Mount Sinai School of Medicine</b>	8/05-5/09
<b>President, Omicron Delta Kappa National Leadership Honor Society, University of Florida Chapter</b>	6/03-6/04

### **TEACHING EXPERIENCE**

<b>Board Review, Musculoskeletal Radiology</b>	04/15-present
Multiple institutions, Envision Physician Services National Board Review	
<b>Faculty, Functional Anatomy for Movement and Injuries Workshop</b>	6/07-present
Instructor of Radiographic correlates of Yoga and Pilates at international workshop	
<b>Senior Teaching Assistant in Anatomy</b>	8/08-5/09
<b>Senior Teaching Assistant in Anatomic Radiology</b>	8/08-5/09
<b>Clerkship Representative-Anatomic Radiology</b>	8/08-5/09
<b>"Lead America" Anatomy Exhibition, Mount Sinai</b>	7/06
Instructed high school students on basic radiographic modalities and reading	

### **PROFESSIONAL MEMBERSHIPS**

Radiological Society of North America  
 Florida Radiology Society  
 American Roentgen Ray Society  
 American College of Radiology  
 Alpha Omega Alpha

**LANGUAGES AND HOBBIES**

Bilingual in Hebrew and English, Basic Spanish  
Basketball, Travel, Dancing