

CURRICULUM VITAE

Revised: June, 2014

Name: Mary S. Newell, MD

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E-mail Address: Mary.Newell@emoryhealthcare.org

Citizenship:

(b) (6)

Current Titles and Affiliations:

a) Academic Appointments:

2011 – present Associate Professor of Radiology
Emory University School of Medicine

2001 – 2011 Assistant Professor of Radiology
Emory University School of Medicine

b) Clinical Appointments:

2001 – present Associate Director, Division of Breast Imaging
Department of Radiology
Emory Healthcare and Affiliated Hospitals

2006 – present Director, Breast MRI
Division of Breast Imaging
Emory University School of Medicine Department of Radiology

2009 – present Associate Director, Breast Cancer Center
Winship Cancer Institute
Emory Woodruff Health Sciences Center

2010-present Quality Officer, Division of Breast Imaging
Emory University School of Medicine Department of Radiology

c) Other Administrative Appointments:

2009 - present Director, Breast Imaging Fellowship Program
Emory University School of Medicine Department of Radiology

Previous Academic and Professional Appointments:

1990 – 2001 Radiologist, Radiologic Associates of Northwest Indiana,
Valparaiso, Indiana

1992 – 2001 Director of Women’s Imaging, Radiologic Associates of
Northwest Indiana, Valparaiso, Indiana

1998 – 2001 Chairman, Quality Management Committee, Department of
Radiology, Porter Memorial Hospital, Valparaiso, Indiana

1998 – 2001 Vice Chairman, Department of Radiology, Porter Memorial
Hospital, Valparaiso, Indiana

2002 --2006 Director, Radiology Elective, 2nd year Medical Students
Emory University School of Medicine

2002 – 2004 Liaison, Grady System of Healthcare and Georgia Cancer
Coalition, Department of Radiology

2008 - 2011 Divisional Education Designee, Division of Breast Imaging,
Emory University School of Medicine Department of Radiology

Licensures/Boards:

Diplomate, American Board of Radiology 1990

Georgia 2001 - present
Indiana 1990-2003
Illinois 1985 - 1992

Education:

1976-1980 Bachelor of Science, University of Notre Dame
Notre Dame, Indiana

1980 – 1984 Medical Doctor, University of Michigan Medical School
Ann Arbor, Michigan

Postgraduate Training:

- 1985 - 1989 Resident in Diagnostic Radiology, St. Francis Hospital,
Evanston, Illinois
- 1989 - 1990 Fellowship in Body Imaging, St. Francis Hospital,
Evanston, Illinois

Committee Memberships:

a. National:

- 2005 American College of Radiology Committee on Education under
Commission on Breast Cancer
- 2008 – present American College of Radiology Appropriateness Criteria Expert
Panel on Women's Imaging-Breast
- 2009 – present American College Of Radiology Subcommittee on BIRADS
under Commission on Breast Imaging
- 2010-present American Board of Radiology – Maintenance of Certification
(MOC) Breast Committee
- 2010-2014 American College Of Radiology Committee on Mammography
Accreditation under the Commission on Quality and Safety
- 2010-12 Breast Imaging Exhibition Panel for *Radiographics*
for Radiologic Society of North America annual meeting
- 2010-2014 Vice Chair
American College of Radiology Joint
Practice Guidelines and Technical Standards, and
Appropriateness Committee on Criteria
of the Commission on Breast Imaging
- 2011-present Head of Curriculum Assessment
Society of Breast Imaging
- 2012-present American Roentgen Ray Society CME Review Subcommittee
- 2012-present RSNA Scientific Program Committee
- 2014-present Chairman,
American Board of Radiology – Maintenance of
Certification (MOC) Breast Committee
- 2014-present Chairman,

American College of Radiology Joint
Practice Guidelines and Technical Standards, and
Appropriateness Committee on Criteria of the
Commission on Breast Imaging

b. Regional and State:

2004 - 2006 Liaison to Georgia Society of Radiological Technologists,
Georgia Radiological Society

2004 – present Executive Board, Georgia Radiological Society

2005 – 2012 Chairman, Education Committee, Georgia Radiological Society

2013 – present Treasurer, Georgia Radiological Society

c. Institutional:

2002 – 2012 Radiology Residency Committee
Emory University School of Medicine Department of Radiology

2002 – 2012 Radiology Residency Selection Committee
Emory University School of Medicine Department of Radiology

2004 – present Radiation Safety Committee III, Emory Radiation Control
Council
Emory University School of Medicine Department of Radiology

2004 Compensation Committee
Emory University School of Medicine Department of Radiology

2004 – 2011 Breast Care Steering Committee
Winship Cancer Institute
Emory Woodruff Health Sciences Center

2005 Committee on Workplace Satisfaction
Emory University School of Medicine Department of Radiology

2005 Competency and Assessment Subcommittee
Curriculum Planning Steering Committee
Emory University School of Medicine

2005 - present Breast Working Group
Winship Cancer Institute
Emory Woodruff Health Sciences Center

2005 - present	Planning Committee – Multispecialty Breast Clinic for High Risk Patients Winship Cancer Institute Emory Woodruff Health Sciences Center
2006-2008	Emory University Hospital Cancer Committee
2006-2012	Performance Quality Improvement Committee Emory University School of Medicine Department of Radiology
2007-present	MRI Safety Committee Emory University School of Medicine Department of Radiology
2007-present	Strategic Planning Committee Emory University School of Medicine Department of Radiology
2007-present	Surgical, Interventional, and Imaging Services Operating Group, Clifton and Midtown Redevelopment Project Emory Woodruff Health Sciences Center
2007-present	Ambulatory Group H: Women’s Health Group, Clifton and Midtown Redevelopment Project Emory Woodruff Health Sciences Center
2008-present	High Risk Working Group Winship Cancer Institute Emory Woodruff Health Sciences Center
2008	Search Committee, Chief Quality Officer Emory University School of Medicine Department of Radiology
2009	Ad Hoc Committee on Restructuring of Residency Program, Emory University School of Medicine Department of Radiology
2009-10	Winship Cancer Institute Clinical Care Delivery Working Group Emory Woodruff Health Sciences Center
2010-2012	Service Excellence Committee Emory University School of Medicine Department of Radiology
2012-present	Emory CIN Quality Metric Champion Department of Radiology and Imaging Sciences
2012	Physician Satisfaction Taskforce member, Emory University School of Medicine Department of Radiology and Imaging Sciences
2012	Team Leader, Strategic Plan Goal Committee,

Emory University School of Medicine Department of Radiology
and Imaging Sciences

2013 Radiology Informatics Collaboration Committee
Emory University School of Medicine Department of Radiology
And Imaging Sciences

2012-present Radiology Quality Improvement Committee
Emory University School of Medicine Department of Radiology
And Imaging Sciences

2014-present Ambulatory Computerized Physician Order Entry Leadership
The Emory Clinic

Editorships

2010-present Assistant Editor
American Journal of Roentgenology, Womens' Imaging Section

2011-2012 Continuing Medical Education Assistant Editor
American Journal of Roentgenology

2012-present Special Consulting Editor for CME
American Journal of Roentgenology

2013-present Editorial board, Cancer (Journal of The American Cancer
Society)

Manuscript Reviewer:

2004 – 2011 Managed Care Interface

2005 – present AJR Integrative Imaging

2005 – present American Journal of Roentgenology

2008 – present Radiology

2009 – present Cancer

Awards:

2004 – 2005 Teacher of the Year
Emory University School of Medicine Department of Radiology

2006-2007 Teacher of the Year
Emory University School of Medicine Department of Radiology

2009 Fellow, Woodruff Leadership Academy
Robert W. Woodruff Health Sciences Center, Emory University

2010 Radiology Editor's Recognition Award with Distinction

2011 Radiology Editor's Recognition Award with Distinction

2011 American Journal of Roentgenology Editor's Award for Outstanding Reviewing

2012 American Journal of Roentgenology Distinguished Reviewer

2013 American Board of Radiology Volunteer Service Award

2013 Radiology Editor's Recognition Award with Distinction

2013 American Journal of Roentgenology Distinguished Reviewer

2014 Outstanding Senior Clinician Award
Emory University School of Medicine Department of Radiology

Society Memberships:

American College of Radiology
The Radiological Society of North America
American Roentgen Ray Society
Society of Breast Imaging
Georgia Radiological Society

Research Focus:

Dr. Newell is radiologist with expertise in all facets of breast imaging, including mammography, breast ultrasound, breast MRI and breast intervention. Since entering academic practice, her research activity has focused on novel technologies aimed at increasing accuracy of breast cancer detection while minimizing the drawbacks of imaging-guided detection. These technologies include digital mammography, stereoscopic mammography, digital breast tomosynthesis, breast MRI and dedicated breast CT scanning. To date, her research has shown the benefits of digital mammography in women with dense breasts, and has indicated that stereoscopic digital mammography can maintain or even improve finding detection while significantly decreasing unnecessary recalls (false positive studies).

Grant Support:

a) **Current**

Federally funded:

Title: Next Generation X-ray Phase 2
Funding Source: USAMRMC (DOD) (PRMRP)
Subcontract from Primary Site: GE Global Research Center,
#08155001
Role: Co-investigator, 1% (PI: Ioannis Sechopoulos)
Funding Period: 10/012008-9/30/2011
Total Cost: \$257,754

Title: Breast Cancer Chemotherapy Monitoring with Dedicated Breast
Computed Tomography
Funding Source: NIH P50CA128301 (Pilot Project)
Role: Co-Investigator (PI: Ioannis Sechopoulos)
Funding Period: 09/15/2008 – 08/31/2009
Total Cost: \$25,000

Title: I-SPY2 Trial-Investigation of Serial Studies to Predict Therapeutic
Response with Imaging and Molecular Analysis 2
Funding Source: Foundation Of National Institute of Health/ACRIN
Role: Co-Investigator, 2% (PI: William Wood)
Funding Period: 10/11/2010-10/11/2016
Total Cost: \$440,482

Title: Image Quality Improvement and Breast Compression Reduction in
Breast Tomosynthesis
Funding Source: NIH R01
Role: Co-Investigator, 2% (PI: Ioannis Sechopoulos)
Funding Period: March 8, 2012-February 29, 2016
Total Cost: \$1,222,398

b) Pending

Title: Improving Breast Tomosynthesis and Achieving Reduced Breast
Compression
Funding Source: American Cancer Society
Role: Co-Investigator, 1% (b) (4)
Funding Period: 07/01/2011-06/30/2015
Total Cost: (b) (4)

Title: Image Quality Improvement and Breast Compression Reduction in
Breast Tomosynthesis
Funding Source: NIH R01
Role: Co-Investigator, 2% (PI: Ioannis Sechopoulos)
Funding Period: 12/01/2011-11/30/2015
Total Cost: \$ 1,379,700

Title: Dedicated Breast CT for Neoadjuvant Chemotherapy Monitoring

Funding Source: NIH R21
Role: Co-Investigator, 3% (PI: Ioannis Sechopoulos)
Funding Period: 12/01/2011-11/30/2013
Total Cost: \$ 677,189

c) Previous Support

Title: An Evaluation of Stereoscopic Digital Mammography for Earlier Detection of Breast Cancer and Reduced Rate of Recall
Funding Source: DOD-US Army DAMP17-02-1-0295
Role: Co-investigator (1%) (PI – Carl D’Orsi)
Funding Period: 4/15/02 – 12/31/07
Total Cost: \$240,000

Title: Digital vs. Screen Film Mammography
Funding Source: American College of Radiology: ACRIN
Role: Co-investigator (2%) (b) (4)
Funding period: 12/01/2000 – 12/01/03
Total cost: (b) (4)

Formal Teaching:

a) Medical Students

2001 – 2006 Course Director, 2nd year medical student Radiology Elective
2001 – 2006 Lecturer, 2nd year medical students, overview of Radiology
2010 Instructor, 3rd year medical student Surgery Rotation

b) Residents

2001 - present Didactic teaching of diagnostic radiology to residents in noon conferences
Approximately 3 per year
2002 - present Board reviewer, Abdominal and Breast Imaging
Emory diagnostic radiology residents
Approximately 3 per year
2005 - present Mock Boards examiner, 4th year Emory diagnostic radiology residents

c) Graduate students

2013 Invited lecturer- Genetics of Common Disease curriculum

2014

Invited lecturer- Genetics of Common Disease curriculum

d) Radiological technologists and Student technologists

“Breast Calcifications,” Emory University Radiological Technologists, May, 6, 2013

“Introduction to Breast Imaging,” Emory University School of Radiological Technology Students and Departmental technologists, April 2, 2014

“Introduction to Breast Imaging,” Emory University School of Radiological Technology Students and Departmental technologists, October 29, 2014

e) Other Postgraduate - Coursework

Course: Postgraduate course, Southern Radiological Conference
Description: “Ultrasound as a Useful Adjunct to Breast Imaging”
Date: January 2005
Where: Point Clear, Alabama

Course: Postgraduate course, 2nd Annual Southwest Georgia Cancer Symposium
Description: “Breast Imaging”
Date: October 13, 2006
Where: Albany, Georgia

Course: Postgraduate course, Southern Radiological Conference
Description: “Ultrasound as a Useful Adjunct to Breast Imaging”
Date: January 2007
Where: Point Clear, Alabama

Course: Postgraduate course, Emory Department of Radiology Summer Imaging
Description: “Ultrasound as a Vital Adjunct to Breast Imaging”
Date: July 16-19, 2007
Where: Amelia Island, Florida

Course: Post-graduate course, Southern Radiological Conference
Description: “Lobular Carcinoma of the Breast – A Mammographer’s Challenge”
Date: January 26, 2008
Where: Point Clear, Alabama

Course: Postgraduate course, Alabama Academy of Radiology
Description: “Breast MRI-The Basics”
Date: March 29, 2008

Where: Point Clear, Alabama

Mentoring

2011-12 Facilitator, Emory Department of Radiology Leadership Academy, 2011-2012

2012-13 Project Advisor, Emory Department of Radiology Leadership Academy

a) Resident Advisees:



- (2001-06)
- (2002-06)
- (2003-05)
- (2003-07)
- (2004-present)
- (2005-present)
- (2006-present)
- (2007-2010)
- (2007-present)
- (2008-present)
- (2008)
- (2010-present)
- (2011-present)
- (2013-present)
- (2014-present)

b) Faculty mentees:

c)

2008-present



Current position: Assistant Professor of Radiology and Director of Breast Imaging Services at Grady Memory Hospital, Emory University School of Medicine

2010



Current position: Assistant Professor of Radiology, Emory University School of Medicine

2010



Current position: Assistant Professor of Radiology, Emory University School of Medicine

2011



Current position: Assistant Professor of Radiology, Emory University School of Medicine

2012 (b) (6)
Current position: Assistant Professor of Radiology,
Emory University School of Medicine

2013 (b) (6)
Current position: Assistant Professor of Radiology,
Emory University School of Medicine

2014 (b) (6)
Current position: Assistant Professor of Radiology,
Emory University School of Medicine

Lectureships, Seminar Invitations and Visiting Professorships:

a) National/International

W. H. Pool Visiting Professor, Medical College of Georgia Department of Radiology: “Breast Calcifications-What Me Worry?,” “Breast Ultrasound-A Useful Adjunct in Breast Imaging,” “Breast MRI-The Basics,” Augusta, Georgia, December 10, 2007

Faculty, 3rd Annual American College of Radiology Body MRI Update, “Breast MRI: Technique,” Breast MRI: Interpretation,” Washington DC, March 27-29, 2009.

Faculty, 4th Annual American College of Radiology Body MRI Update, “Breast MRI: Technique,” Breast MRI: Interpretation,” Washington DC, March 26-28, 2010.

Faculty, 56th Annual Southern Obstetric and Gynecological Seminar, “Breast Imaging: A User’s Guide,” and “Evolving Technologies in Breast Imaging,” Asheville, NC, July 14-17, 2010.

Faculty, 5th Annual American College of Radiology Body MRI Update, “Breast MRI: Technique,” Breast MRI: Interpretation,” Atlanta, GA, June 9-11, 2011.

Moderator, "Perspectives on Contrast-enhanced MR Breast Imaging," Atlanta, GA, March 22, 2012

Faculty, 6th Annual American College of Radiology Body MRI Update, “Breast MRI: Technique,” “Breast MRI: Interpretation,” Orlando, FL, June 21-23, 2012.

Session moderator, Breast Imaging-Interventional Techniques: Radiology/Pathology Correlation, RSNA Annual Scientific Meeting, Chicago, IL, Dec. 1, 2012.

Session moderator, Breast Imaging-Interventional Techniques: Radiology/Pathology Correlation, RSNA Annual Scientific Meeting, Chicago, IL, Dec. 4, 2013.

Atis K. Freimanis Visiting Professor, Michigan State University Department of Radiology: “BIRADS- An Update,” “Breast MRI,” “Breast Ultrasound.” East Lansing, MI, April 22, 2014

b) Local/Regional

Grand Rounds, Emory University School of Medicine Department of Radiology
“Breast Ultrasound”, October 23, 2005

Panelist, Resident Education Forum, Co-sponsored by Emory University School of Medicine
Department of Radiology and the Georgia Radiological Society, November, 2005

Invited Speaker, Noon Seminar, Emory Student Health Care Physicians, “Breast Cancer
Imaging,” March 22, 2006

Grand Rounds, Atlanta Medical Center, “Update on Breast Imaging,” May 15, 2006

Surgical Grand Rounds, Emory University School of Medicine, “Breast Imaging-A User’s
Guide,” December 7, 2006

Panelist, “A Future Look at Hormonal and Targeted Therapies for Breast Cancer,” sponsored by
Winship Cancer Institute of Emory Woodruff Health Sciences Center
Duluth, Georgia, March 22, 2007

Grand Rounds, Emory University School of Medicine Department of Obstetric and
Gynecology, “Breast Imaging – A User’s Guide,” Atlanta, GA, January 29, 2008.

Invited speaker, Emory University School of Medicine Department of Radiation Oncology
resident rounds, “An Overview of Breast Imaging,” Atlanta, GA, January 14, 2009

Invited speaker, Pool Society Weekend, Medical College of Georgia, “Breast MRI,” “Breast
Ultrasound,” “Management of Calcifications,” Augusta, Georgia, August 30, 2009.

Medical College of Georgia Department of Radiology; resident conferences: “Breast
Calcifications-What Me Worry?,” “Breast Ultrasound-A Case-based Review,” “Breast MRI-
The Basics,” Augusta, Georgia, A, Feb. 25, 2010

Invited Speaker, Winship Cancer Institute of Emory Woodruff Health Sciences Center
Oncology Nursing Symposium, “Update on Breast Imaging,” Atlanta, Georgia, March 19-20,
2010.

Invited speaker, Emory University School of Medicine Department of Radiology Leadership
Retreat on Quality, “Engaging Physicians in Patient Satisfaction,” Atlanta, Georgia, April 10,
2010.

Invited speaker, Emory University School of Medicine Department of Radiation resident
rounds, “An Review of Breast Imaging,” Atlanta, Georgia, May 25, 2010.

Invited speaker, Pool Society Weekend, Medical College of Georgia, “Breast MRI,” Augusta,
Georgia, August 27, 2011.

Invited speaker, Pool Society Weekend, Medical College of Georgia, “Breast Ultrasound,” Augusta, Georgia, August 27, 2011.

Invited speaker, Pool Society Weekend, Medical College of Georgia, “Management of Calcifications,” Augusta, Georgia, August 27, 2011.

Invited speaker, Pool Society Weekend, Medical College of Georgia, “Lobular Cancer-A Breast Imagers’ Challenge,” Augusta, Georgia, August 27, 2011.

Keynote Speaker, American Association of Professional Coders GAPC Annual Education Summit, “An Overview of Breast Imaging,” Atlanta, GA, September 16, 2011.

Invited speaker, Kaiser Permanente, “Breast Ultrasound,” Atlanta, Georgia, October 26, 2011.

Visiting Professor, Medical College of Georgia Department of Radiology: “Breast Ultrasound-A Useful Adjunct in Breast Imaging,” “Breast MRI-The Basics,” “Case Conference.” Augusta, Georgia, December 16, 2011.

Invited speaker, Jean Sindab Triple Negative Breast Cancer Symposium, “Imaging of Triple Negative Breast Cancers,” Atlanta, Georgia, May 11, 2012

Invited speaker, “Breast MRI,” Society of MR Technologists Annual Meeting, Atlanta, GA, Sept. 30, 2013

Invited speaker, “Breast Imaging,” Atlanta Society of Technologists Annual Meeting, Atlanta, GA, May 17, 2014

Invited speaker, “Diagnostic Modalities for Detecting Breast Cancer,” Sisters By Choice Breast Cancer Awareness Educational Seminar, Atlanta, GA, Oct. 4, 2014

Other Activities including Organization of Conferences:

a) National:

2005 –present	Image Reviewer, American College of Radiology Mammography Accreditation Program
2007 -present	ROSS (Random On-Site Survey) Inspector, American College of Radiology Mammographic Accreditation Program
2008, 2010-2013	Oral Board Examiner, American Board of Radiology
2008	Alternate Councilor, American College of Radiology
2010-2012	Councilor, American College of Radiology

2013-2015 Councilor, American College of Radiology

b) Regional:

- 2005 Co-director, Resident Education Forum, Co-sponsored by Emory University Department of Radiology and Georgia Radiological Society
- 2006 Course/Meeting Director-Georgia Radiological Society Summer Scientific Meeting, Callaway Gardens, Georgia, June 9-11, 2006
- 2007 Course Co-Director-Georgia Radiological Society/South Carolina Radiological Society Summer Scientific Meeting, Charleston, South Carolina, June 22-24, 2007
- 2007 Program Chair, Emory University Department of Radiology Alumni Weekend CME Program, September, 2007
- 2008 Program chair, Emory University Department of Radiology Alumni Weekend CME Program, September 27, 2008
- 2008 Course/Meeting Director-Georgia Radiological Society Summer Scientific Meeting, June 6-8, 2008,
- 2009 Course/Meeting Director- Georgia-South Carolina Joint Radiological Society Summer Scientific Meeting, Hilton Head, South Carolina, June 4-6, 2009
- 2010 Course/Meeting Director-Georgia-South Carolina Joint Radiological Society Summer Scientific Meeting, Hilton Head, South Carolina June 4-6, 2010
- 2011 Course/Meeting Director-Georgia-South Carolina Joint Radiological Society Summer Scientific Meeting, Hilton Head, South Carolina June 17-19, 2011

c) Activities Targeting Enhancement of Teaching/Mentoring/Leadership Skills:

- 2008 Participant, Healthcare Quality Academy Leadership for Healthcare Improvement Woodruff Health Sciences Center Emory University July 29-30, 2008
- 2009 Fellow, Woodruff Leadership Academy Woodruff Health Sciences Center Emory University
- 2011 Participant, "Insight into Medical Philanthropy" workshop,

Woodruff Health Sciences Center Emory University
March 3, 2011

2012 Participant, “Medical Philanthropy” workshop,
Woodruff Health Sciences Center Emory University
Feb. 3, 2012

d) Community Outreach Activities:

1990 – present Community education/outreach: breast cancer awareness (most recent events as follows):

Panelist, “Celebration of Living” community cancer education forum
Winship Cancer Institute of Emory Woodruff Health
Sciences Center
Atlanta, GA, October 2004

Speaker, Employee education series, UPS, Atlanta, GA, June 2005

Panelist, “Celebration of Living” Community Education Forum
Winship Cancer Institute of Emory Woodruff Health
Sciences Center
Atlanta, GA, October 2005

Speaker, Women’s Breast Health Forum, Emory University, Oct, 2005

Community Outreach, “Early Detection of Breast Cancer with Imaging
Spa Sydell, Atlanta, GA, March, 2006.

Community Outreach/Education, “Early Detection of Breast Cancer
through Imaging,” Spa Sydell, April 18, 2006.

Panelist, “Communicating with your Physician,” Celebration of
Living, Atlanta, GA, October, 2006.

Community Outreach/Education, “Early Detection of Breast Cancer
through Imaging,” Spa Sydell, October, 2006.

Speaker, Educational Employee Luncheon, B98.5 Radio Station,
Atlanta, GA, June 25, 2007

Radio interview, B98.5 (Atlanta, GA), October 16, 2007, for
National Breast Cancer Awareness Month.

Community Outreach/Education, “Early Detection of Breast Cancer
through Imaging,” Whole Foods, October 17, 2007.

Community Outreach/Education, “Early Detection of Breast Cancer through Imaging,” Spa Sydell, October 23, 2007.

Speaker, “Breast Cancer Detection with Imaging,”
Emory University Metastatic Breast Cancer Group
Emory University December 3, 2007.

Panelist, “Health Disparities in African American Women/ Triple Negative Breast Cancer”
Emory Chapter of NAACP, Emory University, March 18, 2008.

Panelist, Winship Cancer Institute Donors’ Lunch and Learn,
Atlanta, GA, May 1, 2008.

Panelist, Community Town Hall Forum on Breast Health Issues
In African American Women (sponsored by EmoryHealthcare)
Atlanta, GA, May 15, 2008.

Speaker, “A Pink Picnic,”
Winship Cancer Institute of Emory Woodruff Health Sciences
and BJ’s Membership Club

Atlanta, GA, October 1, 2008

Speaker, “Breast Cancer Detection with Imaging,”
American Academy Professional Coders lunch and learn
Atlanta, GA, October 7, 2009

Public service message campaign in support of screening mammography
B98.5 Radio, October, 2010

Speaker, “Breast Cancer Detection with Imaging,”
1st Century Mortgage lunch and learn
Atlanta, GA, February 21, 2011

Panelist, Friends of Winship - Breast Cancer Lunch and Learn, Atlanta,
GA, October 5, 2011

Invited speaker, “Diagnostic Modalities for Detecting Breast Cancer,”
Sister By Choice Breast Cancer Awareness Educational
Seminar, Atlanta, GA, Oct. 4, 2011

Bibliography:

a. Published articles:

1. Derado G, Bowman D, Patel R, **Newell M**, Vidakovic B. Wavelet image interpolation (WII): a wavelet-based approach to enhancement of digital mammography images. *Bioinformatics Research and Applications*, 2007; 4463: 203-214.
2. Cababbe S, Carlson G, **Newell M**. Radiation necrosis of the breast leading to mastectomy. *The Breast Journal*, 2007, 13(5): 530.
3. D'Orsi C, **Newell M**. BIRADS decoded: detailed guidance on potentially confusing issues. *Radiologic Clinics of North America*, 2007; 45(5):751-763.
4. D'Orsi C, **Newell M**. Digital mammography: clinical implementation and clinical trials. *Seminars in Roentgenology*. 2007; 42(4):236-242.
5. Derado G, Lee K, Nicolis O, Bowman FD, **Newell M**, Rugger F, Vidakovic B. Wavelet-based 3-D multifractal spectrum with applications in breast MRI images. *Bioinformatics Research and Applications*, 2007; 4983: 281-292.
6. Losken A, Schaefer TG, **Newell M**, Styblo TM. The impact of partial breast reconstruction using reduction techniques on postoperative cancer surveillance. *Plast Reconstr Surg*, 2009; 124(1):9-17.
7. Teller P, Jefford VJ, Gabram S, **Newell M**, Carlson G. The utility of breast MRI on management of breast cancer. *The Breast Journal*. 2010; 16 (4):394-403.
8. Lindfors K, Boone J, **Newell M**, D'Orsi C. Dedicated breast CT. *Radiologic Clinics of North America*, 2010;48(5):1043-1054.
9. **Newell M**, Birdwell R, D'Orsi C et al. ACR appropriateness criteria on nonpalpable mammographic findings (excluding calcifications). *JACR*, 2010;7(12):920-930.
10. Destounis S, **Newell M**, Pinsky R. Breast imaging and intervention in the overweight and obese patient. *AJR*, 2011;196:296-302.
11. D'Orsi C, **Newell M**. On the frontline of screening for breast cancer. *Seminars in Oncology*, 2011;38(1):119-127.
12. Huynh PT, Lemeshko S, Mahoney M, **Newell M**, Bailey L, Barke L, D'Orsi C, Harvey J, Hayes MK, Jokich P, et al. Appropriateness Criteria® Stage I breast carcinoma. *J Am Coll Radiol*, 2012;9:463-467.
13. D'Orsi CJ, Getty DJ, Pickett R M, Sechopoulos I, **Newell MS**, Gundry KR, et al. Stereoscopic digital mammography: improved specificity and reduced rate of recall in a prospective clinical trial. *Radiology*, 2013;266(1):81-88.
14. Maniero MB, Lourenco A, Mahoney MC, **Newell MS**, et al. Appropriateness Criteria® Breast Cancer Screening. *J Am Coll Radiol*, 2013;10:11-14.

15. Monticciolo DL, Rebner M, Appleton CM, **Newell MS**, et al. The ACR/Society of Breast Imaging Resident and Fellowship Training Curriculum for Breast Imaging, Updated. *J Am Coll Radiol*, 2013;10:207-210.

16. Mahoney MK, **Newell MS**. Breast Intervention: How I Do It. *Radiology*, 2013;268(1):12-24.

17. Harvey JA, Mahoney MC, **Newell MS**, Bailey L, et al. ACR Appropriateness Criteria: Palpable Breast Masses. *J Am Coll Radiol* 2013;10:742-749.

18. Mahoney MK, **Newell MS**. Screening MR Imaging versus Screening Ultrasound: Pros and Cons. *Magnetic Resonance Imaging Clinics*, 2013;21(3):495-508.

19. **Newell MS**, ^{(b) (4)} [REDACTED] in press.

20. Feng SSJ, D’Orsi CJ, **Newell MS**, Seidel RL, Patel B, Sechopoulos I. X-ray scatter correction in breast tomosynthesis with a precomputed scatter map library *Medical Physics*, 2014;41:031912 DOI:<http://dx.doi.org/10.1118/1.4866229>

21. **Newell MS**. "Mammographic Abnormalities", multimedia module for the American Board of Surgery SCORE curriculum, on line July 2014.

b. Textbook chapters:

Newell MS, Losken A. Imaging of the Breast, In: Partial Breast Reconstruction: Techniques in Oncoplastic Surgery, Losken & Hamdi (eds). Quality Medical Publishing, 2008.

R. Smith, C. D’Orsi, **M. Newell**. Screening for Breast Cancer, In: Diseases of the Breast 4e. Harris, Lippman, Morrow & Osborne (eds). Lippencott Williams & Wilkens, Philadelphia.

M. Newell, M. Mahoney. Percutaneous Biopsy. In: Imaging of the Breast, Bassett, Mahoney & D’Orsi (eds). Elsevier, 2011.

M. Newell, A. ^{(b) (4)} [REDACTED] in press.

d. Manuals, Videos, Computer Programs, and Other Teaching Aids:

CancerQuest Patient Education Video Series, Emory University Department of Biology, July, 2005

“Breast Cancer: A Patient’s Journey,” *CancerQuest*, Winship Cancer Institute, 2008

e. Abstracts:

Gundry K, **Newell MS**, Roberson S, Wilson C. Long-term Stability of Marker Clips Placed at Stereotactic Core Biopsy of the Breast. Radiological Society of North America Program Book-2005.

Getty DJ, D'Orsi CJ, Pickett RM, **Newell MS** et al. Improved Accuracy of lesion detection in Breast Cancer Screening with Stereoscopic Digital Mammography Journal: Radiological Society of North America Program Book-2007. Page(s): 381-382

f. Book Reviews:

Review of Federle et al., DIAGNOSTIC AND SURGICAL IMAGING ANATOMY: CHEST, ABDOMEN AND PELVIS, Academic Radiology, Volume 14, Issue 8, August 2007, Pages 1006-1007.

Review of Breast Cancer-Early Detection with Mammography: Casting Type Calcifications by Tabar et al. Academic Radiology, Volume 14, Issue 12, December 2007. Page 1586.

(b) (4)

, in press.

(b) (4)

in press.

g. Educational Exhibits:

Hill SH, Ho CP, **Newell MS**. Beyond the Breast: Important Extramammary Findings on Breast Imaging. RSNA 2012, Chicago, IL, 2012.

Tuscano DS, Holbrook AI, **Newell MS**. The benefits of same-day pre-exam patient education in breast imaging. Poster accepted for Radiologic Society of North America; 2013 Dec 3; Chicago, Illinois.