

## CURRICULUM VITAE

Revised: 9/22/2018

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3. E-mail Address: [Mary.Newell@emoryhealthcare.org](mailto:Mary.Newell@emoryhealthcare.org)
4. Citizenship: Citizen, USA
5. Current Titles and Affiliations:
  - a. Academic Appointments:

Associate Professor of Radiology and Imaging Sciences  
Emory University School of Medicine,  
September, 2011-present
  - b. Clinical Appointments:

Associate Director, Division of Breast Imaging  
Department of Radiology and Imaging Sciences,  
Emory Healthcare and Affiliated Hospitals,  
2002-present

Associate Director, Glenn Family Breast Center  
Winship Cancer Institute  
Emory Woodruff Health Sciences Center,  
2009-present
  - c. Other Administrative Appointments:

Director, Breast Imaging Fellowship Program  
Emory University School of Medicine Department of Radiology and Imaging  
Sciences

2009-present

6. Previous Academic and Professional Appointments:

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

7. Previous Administrative and/or Clinical Appointments:

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

Director of Women's Imaging,  
Radiologic Associates of Northwest Indiana,  
Valparaiso, Indiana, 1992-2001

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

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

Director, Radiology Elective, Emory University School of Medicine,  
2nd year Medical Students (10 students; 20 hrs)  
2002-2006

Liaison, Grady System of Healthcare and Georgia Cancer  
Coalition, Emory University School of Medicine Department of Radiology  
2002-2004

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

Quality Officer, Division of Breast Imaging  
Emory University School of Medicine Department of Radiology and Imaging  
Sciences  
2010-2015

8. Licensures/Boards:

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

9. Specialty Boards:

Diplomate, American Board of Radiology, 1990

10. 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

11. Postgraduate Training:

1985 - 1989 Resident in Diagnostic Radiology, St. Francis Hospital, Evanston, Illinois  
Raymond Del Fava, MD

1989 - 1990 Fellowship in Body Imaging, St. Francis Hospital, Evanston, Illinois  
Raymond Del Fava, MD

12. Continuing Professional Development Activities:

Participant, Healthcare Quality Academy Leadership for Healthcare Improvement  
Woodruff Health Sciences Center Emory University  
July 29-30, 2008

Fellow, Woodruff Leadership Academy  
Woodruff Health Sciences Center Emory University  
2009

Participant, “Insight into Medical Philanthropy” workshop,  
Woodruff Health Sciences Center Emory University  
March 3, 2011

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

Invited participant, American College of Radiology Commissions on Breast Imaging, Economics, and Quality and Safety (jointly with The Society of Breast Imaging) Future Leaders in Breast Cancer Screening Program, (special program to develop future leaders in the use of scientific evidence to help in the defense of breast cancer screening)  
February-April 2015

13. Committee Memberships:

a. National/International:

Member, American College of Radiology Appropriateness Criteria Expert Panel on Women's Imaging-Breast, 2008-present

Member, American College of Radiology Subcommittee on BIRADS under Commission on Breast Imaging, 2009-2014

Chair, American Board of Radiology – Maintenance of Certification (MOC) Breast Committee, 2014-2016

Member, American College of Radiology Committee on Mammography Accreditation under the Commission on Quality and Safety, 2010-2014

Member, Radiological Society of North America-Breast Imaging Exhibition Panel for *Radiographics*, 2010-12

Member, American College of Radiology Joint Practice Guidelines and Technical Standards, and Appropriateness Criteria Committee of the Commission on Breast Imaging, 2010-2014

Head of Curriculum Assessment, Society of Breast Imaging, 2011-2015

Member, American Roentgen Ray Society CME Review Subcommittee, 2012-present

Member, RSNA Scientific Program Committee, 2012-2017

Member, American College of Radiology Commission on Breast Imaging, 2014-present

Chair, American College of Radiology Joint Practice Parameters and Technical Standards Committee of the Commission on Breast Imaging, 2014-2018

Chair, American College of Radiology Appropriateness Criteria  
Committee of the Commission on Breast Imaging, 2014-2018

Member, Society of Breast Imaging Scientific Advisory Committee, 2015-  
present

Chair, Online Education Committee, Society of Breast Imaging, 2015-present

Trustee, American Board of Radiology, 2015-present

Advisor, National Mammography Quality Assurance Advisor  
Food and Drug Administration, 2015-present

Chair, American Board of Radiology Committee on Online Longitudinal  
Assessment (Breast), 2016-present

Member, Society of Breast Imaging Strategic Planning Committee on  
Fellowship Match, 2016-present

Member, American College of Radiology Federal Regulatory Committee, 2016-  
present

Member, Scientific Program Committee, Society of Breast Imaging, 2017-  
present

Vice-Chair, American College of Radiology Subcommittee on BIRADS under  
Commission on Breast Imaging, 2018-present

Vice-Chair, Chair, American College of Radiology Joint Practice Parameters and  
Technical Standards Committee

Vice-Chair, American Board of Radiology Board of Trustees, 2018-present

b. Regional and State:

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

Member, Executive Board, Georgia Radiological Society, 2004-present

Chair, Education Committee, Georgia Radiological Society, 2005 – 2012

Treasurer, Georgia Radiological Society, 2013-2015

Secretary, Georgia Radiological Society, 2015-2017

President-elect, Georgia Radiological Society, 2017-present

c. Institutional:

Member, Radiology Residency Committee Emory University School of Medicine Department of Radiology, 2002-2012

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

Member, Radiation Safety Committee III, Emory Radiation Control Council Emory University School of Medicine Department of Radiology and Imaging Sciences, 2004-present

Member, Compensation Committee, Emory University School of Medicine, Department of Radiology, 2004

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

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

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

Member, Breast Working Group of Winship Cancer Institute, Emory Woodruff Health Sciences Center, 2005-2016

Member, Planning Committee – Multispecialty Breast Clinic for High Risk Patients, Winship Cancer Institute Emory Woodruff Health Sciences Center, 2005-2016

Member, Cancer Committee, Emory University School of Medicine, 2006-2008

Member, Performance Quality Improvement Committee, Emory University School of Medicine Department of Radiology, 2006-2012

Member, MRI Safety Committee, Emory University School of Medicine Department of Radiology, 2007-2014

Member, Strategic Planning Committee Emory University School of Medicine Department of Radiology and Imaging Sciences, 2007-present

Member, Surgical, Interventional, and Imaging Services Operating Group, Clifton and Midtown Redevelopment Project Emory Woodruff Health Sciences Center, 2007-2009

Member, Ambulatory Group H: Women's Health Group, Clifton and Midtown Redevelopment Project, Emory Woodruff Health Sciences Center, 2007-2009

Member, High Risk Working Group, Winship Cancer Institute, Emory Woodruff Health Sciences Center, 2008-present

Member, Search Committee, Chief Quality Officer, Emory University School of Medicine Department of Radiology, 2008

Member, Ad Hoc Committee on Restructuring of Residency Program, Emory University School of Medicine Department of Radiology, 2008

Member, Winship Cancer Institute Clinical Care Delivery Working Group, Emory Woodruff Health Sciences Center, 2009-2010

Member, Service Excellence Committee, Emory University School of Medicine Department of Radiology, 2010-2012

Emory CIN Quality Metric Champion, Emory Department of Radiology and Imaging Sciences, 2012-present

Member, Physician Satisfaction Taskforce, Emory University School of Medicine Department of Radiology, 2012

Team Leader, Strategic Plan Goal Committee, Emory University School of Medicine Department of Radiology, 2012

Member, Radiology Informatics Collaboration Committee, Emory University School of Medicine Department of Radiology and Imaging Sciences, 2013

Member, Radiology Quality Improvement Committee, Emory University School of Medicine Department of Radiology and Imaging Sciences, 2012-15

Ambulatory Computerized Physician Order Entry Leader, Emory Clinic, 2014-2015

Member, Promotions Committee, Emory University School of Medicine Department of Radiology and Imaging Sciences, 2014-2017

Awards Committee, Emory University School of Medicine Department of Radiology And Imaging Sciences, 2015-2017

Elected faculty representative, University Senate Emory University, 2015-2018

Elected faculty representative, Faculty Council, Emory University, 2015-2018

Member, Search Committee, Vice Chair for Quality, Emory University School of Medicine Department of Radiology and Imaging Sciences, 2016-2017

Member, Search Committee, Division Director, Abdominal Imaging, Emory University School of Medicine Department of Radiology and Imaging Sciences, 2017

#### 14. Peer Review Activities:

##### a. Manuscripts:

Managed Care Interface, 2004 – 2011

AJR Integrative Imaging, 2005 – 2011

American Journal of Roentgenology, 2005 – present

Radiology, 2008 – present

Cancer, 2009 – present

Academic Radiology, 2016 – present

Clinical Breast Cancer, 2016 – present

##### b. Conference Abstracts:

###### i. National and international:

Radiologic Society of North America, Annual Scientific Meeting, Chicago, IL, 2012-2017

Society of Breast Imaging, Annual Educational Meeting, 2015-present

#### 15. Consultantships/Advisory Boards

##### a. National and international:

Advisor, National Mammography Quality Assurance, Food and Drug Administration, 2015-present



b. Regional:

Member, Susan G. Komen Atlanta Affiliate Advisory Council, 2015-present

16. Editorships and Editorial Boards:

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

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

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

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

Associate Editor, Clinical Breast Cancer, 2016

Deputy Editor, Academic Radiology, 2018-present

17. Honors and Awards:

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

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

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

Radiology Editor's Recognition Award with Distinction, 2010

Radiology Editor's Recognition Award with Distinction, 2011

American Board of Radiology Volunteer Service Award, 2012

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

American Journal of Roentgenology Distinguished Reviewer, 2013

American Board of Radiology Volunteer Service Award, 2013

Radiology Editor's Recognition Award with Distinction, 2013

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

American Board of Radiology Volunteer Service Award, 2014

Radiology Editor's Recognition Award with Distinction, 2014

American Board of Radiology Volunteer Service Award, 2015

Radiology Editor's Recognition Award with Distinction, 2015

Fellow, American College of Radiology, 2016

Fellow, Society of Breast Imaging, 2016

Honoree, Celebration of Faculty Excellence, Emory University School of  
Medicine, 2016

Radiology Editor's Recognition Award with Distinction, 2016

Emory University School of Medicine Doctors' Day Featured Doctor, 2017

Radiology Editor's Recognition Award with Distinction, 2017

Brave Heart Award, Glenn Family Breast Center of Winship Cancer Institute,  
2018 ("for outstanding contribution and dedication to our breast cancer patients  
and community")

#### 18. Society Memberships:

American College of Radiology, 2004-present

The Radiological Society of North America, 1985-present

American Roentgen Ray Society, 1985-present

Society of Breast Imaging, 1993-present

Georgia Radiological Society, 2004-present (Secretary, Treasurer,  
President-elect)

19. Organization of Conferences:

a. National and International:

i. Administrative Positions:

Member, Planning Committee, Society of Breast Imaging 2019 Annual Meeting, Naples, FL, 2017-present

Member, Local Organizing Committee, International Workshop on Breast Imaging 2018, July 8-11, 2018, Emory Conference Center Atlanta, GA

ii. Sessions as Chair/moderator:

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.

Session moderator, Breast Imaging-Ultrasound Diagnostics, RSNA Annual Scientific Meeting, Chicago, IL, Dec. 3, 2014.

Session moderator, Breast Imaging-Practice Issues, RSNA Annual Scientific Meeting, Chicago, IL, Dec. 2, 2015.

Session moderator, Breast Imaging-Diagnostics, RSNA Annual Scientific Meeting, Chicago, IL, Dec. 2, 2016.

Session moderator, Breast Imaging-Diagnostics, RSNA Annual Scientific Meeting, Chicago, IL, Dec. 1, 2017.

b. Regional:

i. Administrative Positions:

Co-director, Resident Education Forum, Co-sponsored by Emory University Department of Radiology and Georgia Radiological Society, 2005

Course/Meeting Director-Georgia Radiological Society Summer Scientific Meeting, Callaway Gardens, Georgia, June 9-11, 2006

Course Co-Director-Georgia Radiological Society/South Carolina Radiological Society Summer Scientific Meeting, Charleston, South Carolina, June 22-24, 2007

Course/Meeting Director-Georgia Radiological Society Summer Scientific Meeting, June 6-8, 2008

Course/Meeting Director- Georgia-South Carolina Joint Radiological Society Summer Scientific Meeting, Hilton Head, South Carolina, June 5-7, 2009

Course/Meeting Director-Georgia-South Carolina Joint Radiological Society Summer Scientific Meeting, Hilton Head, South Carolina June 4-6, 2010

Course/Meeting Director-Georgia-South Carolina Joint Radiological Society Summer Scientific Meeting, Hilton Head, South Carolina, June 17-19, 2011

c. Institutional:

i. Administrative Positions:

Program Chair, Emory University Department of Radiology Alumni Weekend CME Program, September, 2007

Program chair, Emory University Department of Radiology Alumni Weekend CME Program, September 27, 2008

Program Chair, Fellowship Retreat, Emory University School of Medicine Department of Radiology and Imaging Sciences, Nov. 18, 2016

20. Clinical Service Contributions:

- Oversaw, optimized and implemented improvements in patient flow and scheduling for Breast Imaging Centers at Clifton Campus, Midtown and ESJH
- Started Breast MRI biopsy program at EUH campus
- Undertook creation of a detailed process improvement initiative for Emory St. Joseph Breast Imaging Center
- Standardized workflow, imaging protocols, policies and patient forms across all Emory Breast Imaging Centers
- Initiated and continuously monitor QA metrics for all breast centers across Emory campuses, including technologist positioning and MD technical recall rates
- Led development of Standardization component of 2012 Department of Radiology Strategic plan
- Participated in early development of multidisciplinary breast center and high risk clinic within Winship Cancer Institute
- Created and codified policies for Emory Breast Imaging Centers, and worked on recent update of those policies

- Acts as image reviewer/arbitrator for EUH, EUHM and ESJH Breast Centers for purpose of ACR and FDA accreditation processes

## 21. Community Outreach:

### a. General:

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 with 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

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 Issue 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

Speaker, "Breast Cancer Detection with Imaging," 1<sup>st</sup> 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, 2014

Advocacy visit, GA State Capital (met with Speakers of House and Senate, and various legislators to discuss breast cancer screening access, Medicaid reimbursement for DBT and breast density legislation, Nov. 4, 2015

b. Media Appearances:

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

Radio interview, B98.5, Atlanta, GA  
Radio interview/public service announcement in support of screening mammography, October, 2010

Live TV interview WXIA TV, Atlanta, GA  
Response to USPSTF Recommendations, Jan 12, 2016

Live TV interview WSB TV, Atlanta, GA  
Screening Controversies, March 23, 2017

Live TV interview WSB TV, Atlanta, GA  
Screening questions and controversies, Oct. 7, 2017

22. Formal Teaching:

a. Medical Student Teaching

M2 Radiology Elective, Course Director, 2002-2006, 20 hours

M2 elective, Overview of Radiology, Lecturer, 2002 – 2006, 2 hours/year

M3 Surgery Rotation, Instructor 2010, 8 hours

M4 radiology elective/visiting students, Daily reading room teaching, 20 hours/year, 2010-present

b. Graduate Programs:

i. Residency Programs:

Didactic teaching of diagnostic radiology to residents in noon conferences  
2001-present, 2 hours/year

Board reviewer, Abdominal (2002-2007) and Breast Imaging  
Emory diagnostic radiology residents  
2002-present, 6 hours/year

Mock Boards examiner, 4th year Emory diagnostic radiology residents  
2002-2014, 3 hours/year

Daily teaching at “viewbox”, radiology residents  
2002-present, 2 hours/day

ii. Fellowship Programs:

Daily teaching at “viewbox”, breast imaging fellows,  
2005-present, 2 hours/day

Monthly journal club, breast imaging fellows  
2007-present, 2 hours/month

Didactic lectures, breast imaging fellows  
2005-present, 5 hours/year

iii. Master’s Programs:

Lecturer - Genetics of Common Disease curriculum  
School of Public Health, 2013-present, 1 hour/year

- c. Other categories: Radiological technologists and Student technologists

Didactic lecturer, 2013-present, 2 hours/year

Quality assurance review, 2013-present, 1 hour/month

### 23. Lectureships, Seminar Invitations and Visiting Professorships:

- a. National/International

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

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

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

“BIRADS-An Update,” Visiting Professor, University of Arizona Department of Radiology, Tucson, AZ, Nov. 5-7, 2014

- b. Regional:

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

“Breast Calcifications-What Me Worry?”, W. H. Pool Visiting Professor, Medical College of Georgia Department of Radiology Augusta, Georgia, December 10, 2007

“Breast Ultrasound-A Useful Adjunct in Breast Imaging,” W. H. Pool Visiting Professor, Medical College of Georgia Department of Radiology Augusta, Georgia, December 10, 2007

“Breast MRI-The Basics,” W. H. Pool Visiting Professor, Medical College of Georgia Department of Radiology Augusta, Georgia, December 10, 2007

“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

“Breast Calcifications-What Me Worry?” Medical College of Georgia Department of Radiology Resident Conference, Augusta, Georgia, , Feb. 25, 2010



“Breast Ultrasound-A Case-based Review,” Medical College of Georgia Department of Radiology Resident Conference, Augusta, Georgia, Feb. 25, 2010

“Breast MRI-The Basics,” Medical College of Georgia Department of Radiology Resident Conference, Augusta, Georgia, Feb. 25, 2010

“Breast Ultrasound,” Kaiser Permanente Physician Group, Atlanta, Georgia, October 26, 2011

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

“Breast MRI-The Basics,” Visiting Professor, Medical College of Georgia Department of Radiology: Augusta, Georgia, December 16, 2011

“Case Conference.” Visiting Professor, Medical College of Georgia Department of Radiology: Augusta, Georgia, December 16, 2011

c. Institutional

“Hysterosalpingography- A Review”, noon resident conference, Emory University School of Medicine Department of Radiology, approximately 40 attendees, February, 2002

“Introduction to Breast Imaging”, introductory lecture to 1st year residents (approximately 12 attendees), Emory University School of Medicine Department of Radiology, August, 2002

“Interesting Cases for your Review,” noon resident conference, 40-45 attendees, Emory University School of Medicine Department of Radiology, November 18, 2002

“Introduction to Breast Imaging”, introductory lecture to 1st year residents (approximately 12 attendees), Emory University School of Medicine Department of Radiology, August, 2003

“Management Issues in Mammography,” resident noon conference, 40-50 attendees, Emory University School of Medicine Department of Radiology, February 13, 2003

“Imaging of Infertility,” resident noon conference, approximately 45 residents, Emory University School of Medicine Department of Radiology, June, 2004

“Introduction to Breast Imaging”, introductory lecture to 1st year residents (approximately 12 attendees), Emory University School of Medicine Department of Radiology, August, 2004

“Review of Basic Mammographic Concepts,” noon conference, 40-45 attendees, Emory University School of Medicine Department of Radiology, February, 2005

“Introduction to Breast Imaging”, introductory lecture to 1st year residents (approximately 14 attendees), Emory University School of Medicine Department of Radiology, August, 2005

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

“Breast Imaging-A Review of the Basics (and everything else),” resident noon conference, 40-50 attendees, Emory University School of Medicine Department of Radiology, February, 2006

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

“Introduction to Breast Imaging”, introductory lecture to 1st year residents (approximately 12 attendees), Emory University School of Medicine Department of Radiology, August, 2006

“Breast Calcifications-What Me Worry?,” resident noon conference, 40-50 attendees, Emory University School of Medicine Department of Radiology, September, 2006

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

“Infertility Imaging,” resident noon conference, 40-50 attendees, Emory University School of Medicine Department of Radiology, February, 2007

“Breast Cancer in a Nutshell-Epidemiology, Risk factors and Treatment,” resident noon conference, 40 attendees, Emory University School of Medicine Department of Radiology, July 9 and 12, 2007

Interesting case conference: Mammography, resident noon conference, 40 attendees, Emory University School of Medicine Department of Radiology, September 21, 2007

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

Interesting case conference: Mammography, resident noon conference, 30 attendees, Emory University School of Medicine Department of Radiology, Feb., 2008

“Breast MRI: Overview,” noon conference, resident noon conference, 40 attendees, Emory University School of Medicine Department of Radiology, October, 2008

“Breast Ultrasound,” noon conference, resident noon conference, 40 attendees, Emory University School of Medicine Department of Radiology, October, 2008

“An Overview of Breast Imaging,” Emory University School of Medicine Department of Radiation Oncology Resident Rounds, Atlanta, GA, January 14, 2009

“Breast Ultrasound-A case-based review,” resident noon conference, 40 attendees, Emory University School of Medicine Department of Radiology, Feb. 26, 2010

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

“A Review of Breast Imaging,” Emory University School of Medicine Department of Radiation Resident Rounds, Atlanta, Georgia, May 25, 2010.

“Breast MRI,” resident noon conference, 30 attendees, Emory University School of Medicine Department of Radiology, Feb. 26, 2011

“Breast Ultrasound-A case-based review,” resident noon conference, 30 attendees, Emory University School of Medicine Department of Radiology, Feb. 14, 2012.

“BIRADS,” resident noon conference, 30 attendees, Emory University School of Medicine Department of Radiology, Feb. 20, 2013.

“Breast Calcifications,” Emory University Radiological Technologists, 20 attendees, May, 6, 2013

“Breast Calcifications,” resident noon conference, 30 attendees, Emory University School of Medicine Department of Radiology, September 9, 2013

“Breast Imaging,” Emory University genetics counseling students, 10 attendees, Feb. 21, 2014

“Introduction to Breast Imaging,” Emory University School of Radiological Technology Students and Departmental technologists, 25 attendees, April 2, 2014

“BIRADS Update,” resident noon conference, 30 attendees, Emory University School of Medicine Department of Radiology, September 8, 2014

“Breast Imaging: Recognizing and Reporting of Pathology and Normal Findings,” Emory University Medical Imaging Program, Atlanta, GA, Sept. 14, 2014

“Breast Cancer Screening Controversies---He said, She Said,” Emory University School of Medicine Department of Radiology and Imaging Sciences Grand Rounds, Atlanta, GA, May 6, 2015.

“A Review of Breast Imaging,” Emory University Department of Radiation Oncology resident rounds, Atlanta, GA, Feb. 23, 2016

“A Review of Breast Imaging,” Emory University genetic counseling students, Atlanta, Georgia, January 30, 2017

Panelist, Emory Radiology Women's Symposium, Atlanta, GA, April 1, 2017

Panelist, Inside the Reading Room series: “Eye of the Tiger,” Atlanta, GA April 4, 2017”

“BIRADS Revisited,” resident noon conference, 30 attendees, Emory University School of Medicine Department of Radiology, July 10, 2017

“Leading From Within,” Children’s Healthcare of Atlanta-Egleston Interventional Radiology Retreat, Atlanta, GA, August 26, 2017

“A Review of Breast Imaging,” Emory University genetic counseling students, Atlanta, Georgia, January 29, 2018

“Screening Controversies,” Emory breast imaging fellow lecture, 5 attendees, Emory University School of Medicine Department of Radiology, August 21, 2018

“Breast Cysts: It’s Not That Simple,” Emory breast imaging fellow lecture, 4 attendees, Emory University School of Medicine Department of Radiology, June 15, 2018

“Screening Controversies,” Emory University multidisciplinary breast conference members, fellow lecture, 10 attendees, August 30, 2018

## 24. Invitations to National/International, Regional, and Institutional Conferences

### a. National/International

“Ultrasound as a Useful Adjunct to Breast Imaging,” Southern Radiological Conference, Point Clear, AL, January, 2005

“Ultrasound as a Useful Adjunct to Breast Imaging,” Southern Radiological Conference, Point Clear, AL, January, 2007

“Lobular Carcinoma of the Breast – A Mammographer’s Challenge,” Southern Radiological Conference, Point Clear, Alabama, January 26, 2008

“Breast MRI-The Basics,” Alabama Academy of Radiology, Point Clear, Alabama, March 29, 2008

“Breast MRI: Technique,” 3<sup>rd</sup> Annual American College of Radiology Body MRI Update, Washington DC, March 27-29, 2009

“Breast MRI: Interpretation,” 3<sup>rd</sup> Annual American College of Radiology Body MRI Update, Washington DC, March 27-29, 2009

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

“Breast MRI: Interpretation,” 4<sup>th</sup> Annual American College of Radiology Body MRI Update, Washington DC, March 26-28, 2010

“Breast Imaging: A User’s Guide,” 56<sup>th</sup> Annual Southern Obstetric and Gynecological Seminar, Asheville, NC, July 14-17, 2010

“Evolving Technologies in Breast Imaging,” 56<sup>th</sup> Annual Southern Obstetric and Gynecological Seminar, Asheville, NC, July 14-17, 2010

“Breast MRI: Interpretation,” 5<sup>th</sup> Annual American College of Radiology Body MRI Update, Atlanta, GA, June 9-11, 2011

“Breast MRI: Technique,” 5<sup>th</sup> Annual American College of Radiology Body MRI Update, Atlanta, GA, June 9-11, 2011

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

“Breast MRI: Technique,” 6<sup>th</sup> Annual American College of Radiology Body MRI Update, Orlando, FL, June 21-23, 2012

“Breast Cysts: It’s Not That Simple,” Society of Breast Imaging Annual Symposium, Las Vegas, NV, April 14, 2018

“Calcifications: Review and Update” 48th Sao Paulo Radiology Meeting (JPR’2018), San Paulo, Brazil, May 3-6, 2018

“Imaging of the Axilla (In Newly-Diagnosed Breast Cancer Patients),” 48th Sao Paulo Radiology Meeting (JPR’2018), San Paulo, Brazil, May 3-6, 2018

“Breast Imaging of Pregnant and Lactating Patients,” 48th Sao Paulo Radiology Meeting (JPR’2018), San Paulo, Brazil, May 3-6, 2018

“Breast Cysts: It’s Not That Simple,” 48th Sao Paulo Radiology Meeting (JPR’2018), San Paulo, Brazil, May 3-6, 2018

“Current Controversies in Breast Screening,” Keynote Speaker, International Workshop on Breast Imaging 2018, Emory Conference Center Atlanta, GA, July 9, 2018,

b. Regional

“Breast Imaging,” 2nd Annual Southwest Georgia Cancer Symposium, Albany, Georgia, October 13, 2006

“Ultrasound as a Vital Adjunct to Breast Imaging,” Emory Department of Radiology Summer Imaging Conference, July 16-19, 2007, Amelia Island, Florida

“Breast MRI,” Pool Society Weekend, Medical College of Georgia, Augusta, Georgia, August 30, 2009

“Breast Ultrasound,” Pool Society Weekend, Medical College of Georgia, Augusta, Georgia, August 30, 2009

“Management of Calcifications,” Pool Society Weekend, Medical College of Georgia, Augusta, Georgia, August 30, 2009

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

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

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

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

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

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

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

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

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

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

“Lobular Carcinoma,” Pool Society Weekend, Georgia Regents University, Augusta, Georgia, August 28, 2015.

“Breast MRI,” Pool Society Weekend, Georgia Regents University, Augusta, Georgia, August 28, 2015.

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

“Screening Controversies,” Sisters By Choice Breast Cancer Awareness Educational Seminar, Atlanta, GA, Oct. 7, 2017

“Breast Cancer Screening Controversies---He said, She Said,” Georgia Radiological Society Summer Scientific Meeting, June 10, 2018

## 25. Abstract Presentations at National/International, Regional and Institutional Conferences

### a. National/International

1. 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 (oral).

2. 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 (oral).

3. Tade F\*, Odewole O, Oyenuga O, Cohen MA, Holbrook AI, **Newell MS**, et al. Amino Acid transport Imaging of Breast carcinoma via FACBC - A pilot study. 2014 Radiological Society of North America Program Book-2047. Page(s): 139 (oral presentation).
4. Tade F\*, Odewole O, Cohen MA, Holbrook AI, **Newell MS**, Bellamy LM, Li X, Styblo T, Goodman MM, Schuster DM. Preliminary findings of *anti*-[<sup>18</sup>F] FACBC (FACBC) PET-CT imaging of breast cancer. SNMMI Annual Meeting, June 6-10, 2015, Baltimore, Maryland (oral presentation).
5. Sadigh G\*, Hemingway J, Hughes D, **Newell MS**, Duszak R JR MD. National Specialty Trends in Breast Imaging in Medicare Beneficiaries over 2 Decades. AUR 2, 2015 (oral presentation).
6. Kim YK, Agasthya G, Ho CP, Holbrook AI, **Newell MS**, Fleming M, Hamlin MB, Handa P, Braykov N, Sechopoulos I, D'Orsi C. Comparison of 3-view digital mammography to digital breast tomosynthesis, AMA Research Symposium, November, 2015, Atlanta, GA (poster).
7. Agasthya G, D'Orsi C, Holbrook A, Ho C, Piraner M, **Newell M**, Gilliland L, Sechopoulos I\*, Nijmegen. Reduction in digital breast tomosynthesis interpretation time by slabbing of the reconstructed slices, ECR 2016, March 2-6, 2016, Vienna, Austria (oral presentation).
8. Patel B, Kosiorek H, Lee C, Pizzitola V, **Newell M**, Covington M, D'Orsi C. Nationwide Survey: Variability of Imaging Protocols Following Benign Percutaneous Breast Biopsies in the United States, SBI, April 6-9, 2017, Los Angeles, CA (poster).
9. Kunjummen J\*, Shah R, Gilliland L, Krupinski E, **Newell M**. Benefits of Alternative Hours in a Screening Mammography Program. American College of Radiology Annual Meeting, Washington DC, May 21-25, 2017 (electronic poster).
10. Kunjummen J\*, Rodriguez K, Newell M, Cohen M. Management of lobular neoplasia (Atypical Lobular Hyperplasia and Lobular Carcinoma in Situ) on core needle biopsy performed for calcifications using precise radiologic-pathologic correlation. Radiological Society of North America, November 2017 (oral presentation).
11. Fleming M, Hockenberry J, Newell M, Krupinski E, Duszak R. The Impact of Human Capital Depreciation on Recall Rates in Screening Mammography: Results of a Pilot Study of 50,000 Examinations. American College of Radiology 2018 Annual Meeting; 2018 May 19-23; Washington, DC (electronic poster presentation).



## 26. Research Focus:

Novel technologies aimed at increasing accuracy of breast cancer detection while minimizing drawbacks of imaging-guided detection. These technologies include digital mammography, stereoscopic mammography, digital breast tomosynthesis (DBT), breast MRI, dedicated breast CT scanning, and statistical methodologies (wavelet image interpolation). The benefits of digital mammography, DBT, and other non-2D imaging (stereoscopic digital mammography) in women with dense breasts for maintaining/improving finding detection while significantly decreasing false positive studies.

## 27. Grant Support:

### a) Active Support

#### i. Federally Funded:

Title:	Image Quality Improvement and Performance assessment of Dedicated Breast CT
Funding Source:	NIH RO1CA181171
Role :	Sub-recipient PI, 1.175% (PI: Ioannis Sechopoulos)
Funding Period:	4/1/2016-3/31/2021
Total Cost:	\$141,447

#### ii. Private Foundation

Title:	Systems Biology of Inactivated Rabies Vaccine in Healthy Adults With or Without Use of Broad Spectrum Antibiotics
Funding Source:	Stanford University Institutional funds
Role:	Co-principal investigator, 2% (w/ Nadine Rouphael)
Funding Period:	4/2018-4/2020
Total Cost:	\$161,000

#### iii. Internal

Title:	Optimizing Screening Mammography Accuracy and Adoption through Improved Recall Rates
Funding Source:	WHSC Synergy Award (Emory University Woodruff fund)
Role:	Co-Investigator, 2% (PI: Richard Duszak)
Funding Period:	10/2016-6/2019
Total Cost:	\$78,982

### b. Previous Support

i. Federally Funded:

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%) (PI – Etta Pisano)  
Funding period: 12/01/2000 – 12/01/03  
Total cost: \$500,000

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: 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: 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: 12/01/2011-11/30/2015  
Total Cost: \$ 1,379,700

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

ii. Private Foundation:

Title: Improving Breast Tomosynthesis and Achieving  
Reduced Breast Compression  
Funding Source: American Cancer Society  
Role: Co-Investigator, 1% (PI: Ioannis Sechopoulos)  
Funding Period: 07/01/2011-06/30/2015  
Total Cost: \$ 717,055

28. Bibliography:

a. Published and Accepted Research Articles (supervised trainee indicated by \*):

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. 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.
4. 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.

5. 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.
6. **Newell MS**, Birdwell RL, D'Orsi CJ, Bassett LW, Mahoney MC, Bailey L, Berg WA, Harvey JA, Herman CR, Kaplan SS, Liberman L. ACR Appropriateness Criteria® on nonpalpable mammographic findings (excluding calcifications). *Journal of the American College of Radiology*. 2010 Dec 1;7(12):920-30.
7. Huynh PT, Lemeshko SV, Mahoney MC, **Newell MS**, Bailey L, Barke LD, D'Orsi C, Harvey JA, Hayes MK, Jokich PM, Lee SJ. ACR Appropriateness Criteria® stage I breast carcinoma. *Journal of the American College of Radiology*. 2012 Jul 1;9(7):463-7.
8. D'Orsi CJ, Getty DJ, Pickett RM, Sechopoulos I, **Newell MS**, Gundry KR, Bates SR, Nishikawa RM, Sickles EA, Karellas A, D'Orsi EM. Stereoscopic digital mammography: improved specificity and reduced rate of recall in a prospective clinical trial. *Radiology*. 2013 Jan;266(1):81-8.
9. Mainiero MB, Lourenco A, Mahoney MC, **Newell MS**, Bailey L, Barke LD, D'Orsi C, Harvey JA, Hayes MK, Huynh PT, Jokich PM. ACR appropriateness criteria breast cancer screening. *Journal of the American College of Radiology*. 2013;10:207-210.
10. Harvey JA, Mahoney MC, **Newell MS**, Bailey L, Barke LD, D'Orsi C, Hayes MK, Jokich PM, Lee SJ, Lehman CD, Mainiero MB, Mankoff DA, Patel SB, Reynolds HE Sutherland ML, Haffty. ACR appropriateness criteria palpable breast masses. *Journal of the American College of Radiology*. 2013 Oct 1;10(10):742-9.
11. Moy L, **Newell MS**, Mahoney MV, Bailey L, Barke LD, Carkaci, S, D'Orsi CD, Goyal S, Haffty BG, Harvey JA, Hayes MK, Jokich PM, Lee SJ, Mainiero MB, Mankoff DA, Patel SB, Yepes MM. ACR Appropriateness Criteria Stage I Breast Cancer: Initial Workup and Surveillance for Local Recurrence and Distant Metastases in Asymptomatic Women. *J Am Coll of Radiol*, 2014;11(12): 1160-1168.
12. Feng SS, 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 Mar 1;41(3). DOI:<http://dx.doi.org/10.1118/1.4866229>
13. Patel BK, Shah NA, Galgano SJ, **Newell M**, Wang Z, Chen Z, D'Orsi CJ. Does Preoperative MRI Workup Affect Mastectomy Rates and/or Re-excision

Rates in Patients with Newly Diagnosed Breast Carcinoma? A Retrospective Review. *The Breast Journal*. 2015 Nov 1;21(6):604-9.

14. Mainiero MB, Lourenco AP, Barke LD, Argus AD, Bailey L, Carkaci S, D'Orsi C, Green ED, Holley SO, Jokich PM, Lee SJ, **Newell MS**. ACR Appropriateness Criteria Evaluation of the Symptomatic Male Breast. *Journal of the American College of Radiology*. 2015 Jul 31;12(7):678-82.

15. Pinell-White XA, Etra J, **Newell M**, Tuscano D\*, Shin K\*, Losken A. Radiographic Implications of Fat Grafting to the Reconstructed Breast. *The Breast Journal*, 2015; 21(5):520-5.

16. Tade FI, Cohen MA, Styblo TM, Odewole OA, Holbrook AI, **Newell MS**, Savir-Baruch B, Li XB, Goodman MM, Nye JA, Schuster DM. Anti-3-[18F] FACBC (Fluciclovine) PET-CT of Breast Cancer An Exploratory Study. *Journal of Nuclear Medicine*. 2016 Apr 7;jnumed-115.

17. Roberts T, **Newell M**, Auffermann W, Vidakovic B. Wavelet-based scaling indices for breast cancer diagnostics. *Statistics in Medicine*. 2017 May 30;36(12):1989-2000.

18. Jokich PM, Bailey L, D'Orsi C, Green ED, Holbrook AI, Lee SJ, Lourenco AP, Mainiero MB, Moy L, Sepulveda KA, Slanetz PJ, Trikha S, Yepes MM, **Newell MS**. ACR Appropriateness Criteria® breast pain. *Journal of the American College of Radiology*. 2017 May 31;14(5):S25-33.

19. Moy L, Bailey L, D'Orsi C, Green ED, Holbrook AI, Lee SJ, Lourenco AP, Mainiero MB, Sepulveda KA, Slanetz PJ, Trikha S, Yepes M, **Newell MS**. ACR Appropriateness Criteria® Stage I Breast Cancer: Initial Workup and Surveillance for Local Recurrence and Distant Metastases in Asymptomatic Women. *Journal of the American College of Radiology*. 2017 May 31;14(5):S282-92.

20. Moy L, Heller SL, Bailey L, D'Orsi C, DiFlorio RM, Green ED, Holbrook AI, Lee SJ, Lourenco AP, Mainiero MB, Sepulveda KA, Slanetz PJ, Trikha S, Yepes MM, **Newell MS**. ACR Appropriateness Criteria® Palpable Breast Masses. *Journal of the American College of Radiology*. 2017 May 31;14(5):S203-24.

21. Lee SJ, Trikha S, Moy L, Baron P, Green ED, Heller SL, Holbrook AI, Lewin AA, Lourenco AP, Niell BL, Slanetz PJ, Stuckey AR, Vincoff NS, Weinstein SP, **Newell MN**, ACR Appropriateness Criteria® Evaluation of Nipple Discharge. *Journal of the American College of Radiology*. 2017 May 31;14(5):S138-53.

22. Monticciolo DL, **Newell MS**, Hendrick RE, Helvie MA, Moy L, Monsees B, Kopans DB, Eby PR, Sickles EA. Breast cancer screening for average-risk women: recommendations from the ACR Commission on Breast Imaging. *Journal of the American College of Radiology*. 2017 Sep 1;14(9):1137-43.
23. Patel BK, Lee CS, Kosiorek HE, **Newell MS**, Pizzitola VJ, D'Orsi CJ. Variability of Postsurgical Imaging Surveillance of Breast Cancer Patients: A Nationwide Survey Study. *American Journal of Roentgenology*. 2017 Oct 24:1-6.
24. Mainiero MB, Moy L, Baron P, Didwania AD, Green ED, Heller SL, Holbrook AI, Lee SJ, Lewin AA, Lourenco AP, Nance KJ, Niell BL, Slanetz PJ, Stuckey AR, Vincoff NS, Weinstein SP, **Newell MS**, ACR Appropriateness Criteria® Breast Cancer Screening. *Journal of the American College of Radiology*. 2017 Nov 30;14(11):S383-90
25. Monticciolo DL, **Newell MS**, Moy L, Niell B, Monsees B, Sickles EA. Breast Cancer Screening in Women at Higher-Than-Average Risk: Recommendations from the ACR. *Journal of the American College of Radiology*. 2018 Mar 1;15(3):408-14.
26. Lourenco AP, Moy L, Baron P, Didwania AD, Heller SL, Holbrook AI, Lewin AA, Mehta TS, Niell BL, Slanetz PJ, Stuckey AR, Tuscano, DS, Vincoff NS, Weinstein, SP, **Newell MS**. ACR Appropriateness Criteria® Breast Implant Evaluation. *Journal of the American College of Radiology*. 2018 May 31;15(5):S13-25.
27. Patel BK, Ferraro C, Kosiorek HE, Loving VA, D'Orsi C, **Newell M**, Gray RJ. Nipple Discharge: Imaging Variability Among US Radiologists. *American Journal of Roentgenology*. 2018 Aug 14:1-6.
28. Mendoza D, Holbrook A, Bertino F, Balthazar P, **Newell M**, Meltzer CM. Supporting Radiology Residents' Professional Development through a Competitive Intramural Grant: A Ten-Year Institutional Experience. *Academic Radiology* Aug 2018 (Epub ahead of print).
29. Holbrook AI, **Newell MS**, Moy L, Akin EA, Baron P, Didwania AD, Heller SL, Le-Petross HT, Lewin AA, Lourenco AP, Mehta TS, Niell BL, Slanetz PJ, Stuckey AR, Tuscano DS, Vincoff NS, Weinstein SP. ACR Appropriateness Criteria® breast pain. Accepted, *Journal of the American College of Radiology*.
30. DiFlorio-Alexander RM, Slanetz PJ, Moy L, Baron P, Didwania AD, Heller SL, Holbrook AI, Lewin AA, Lourenco AP, Mehta TS, Niell BL, Stuckey AR, Tuscano DS, Vincoff NS, Weinstein SP, **Newell MS**. ACR

Appropriateness Criteria® Imaging of Pregnant and Lactating Women. Accepted, Journal of the American College of Radiology.

31. Niell BL, Lourenco AP, Moy L, Baron P, Didwania AD, DiFlorio-Alexander RM, Heller SL, Holbrook AI, Le-Petross HT, Lewin AA, Mehta TS, Slanetz PJ, Stuckey AR, Tuscano DS, Ulaner GA, Vincoff NS, Weinstein SP, **Newell MS**. ACR Appropriateness Criteria® Evaluation of the Symptomatic Male Breast. Accepted, Journal of the American College of Radiology.

b. Manuscripts Submitted:

1. Patel BK, Lee CS, Kosiorek HE, **Newell MS**, Pizzitola VJ, D'Orsi CJ. Patients with Post-Benign Concordant MRI-Guided Percutaneous Needle Breast Biopsy: Trends for Follow Up Imaging Recommendations in the United States. JACR

2. Aho MA, Li X, **Newell MS**, Cohen MA. Benign Papillomas diagnosed on image-guided core biopsy do not require obligatory excision (AJR MS 18-2015).

c. Review Articles (supervised trainee indicated by \*):

1. D'Orsi C, **Newell M**. BIRADS decoded: detailed guidance on potentially confusing issues. Radiologic Clinics of North America, 2007; 45(5):751-763.

2. D'Orsi C, **Newell M**. Digital mammography: clinical implementation and clinical trials. Seminars in Roentgenology. 2007; 42(4):236-242.

3. Lindfors K, Boone J, **Newell M**, D'Orsi C. Dedicated breast CT. Radiologic Clinics of North America, 2010;48(5):1043-1054.

4. Destounis S, **Newell M**, Pinsky R. Breast imaging and intervention in the overweight and obese patient. AJR, 2011;196:296-302.

5. D'Orsi C, **Newell M**. On the frontline of screening for breast cancer. Seminars in Oncology, 2011;38(1):119-127.

6. Monticciolo DL, Rebner M, Appleton CM, **Newell MS**, Farria, DM, Sickles EA, Umphrey HR, Butler PF. The ACR/Society of Breast Imaging Resident and Fellowship Training Curriculum for Breast Imaging, Updated. J Am Coll Radiol, 2013;10:207-210.

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

8. Mahoney MK, **Newell MS**. Screening MR Imaging versus Screening Ultrasound: Pros and Cons. *Magnetic Resonance Imaging Clinics*, 2013;21(3):495-508.
9. **Newell MS**, Mahoney MC. Ultrasound-guided percutaneous breast biopsy. *Tech Vasc Interventional Radiol* 2014;17:23–31.
10. Hill SN\*, Ho CP, **Newell MS**. Beyond the breast: important extramammary findings on breast imaging. *Contemporary Diagnostic Radiology*, 2014;37(8):1-7.
11. Holbrook A, **Newell MS**. Alternative screening for women with dense breasts: breast-specific gamma imaging (molecular breast imaging). *AJR*, 2015;204.2 204.2: 252-256.
12. Ortiz-Pomales YT, Handa P\*, **Newell MS**, Losken A. Reduction Mammoplasty and Breast Cancer Screening. *Clinics in plastic surgery*. 2016 Apr 30;43(2):333-9.
13. Holbrook A, **Newell M**. Magnetic Resonance Imaging of the Breast. *Clinical Obstetrics and Gynecology* 2016;59(2):394-402.
14. Fleming MM\*, Holbrook AI, **Newell MS**. Update on Image-Guided Percutaneous Ablation of Breast Cancer. *American Journal of Roentgenology*. 2016 Oct 20:1-8.
15. Cohen MA, **Newell MS**. Radial Scars of the Breast Encountered at Core Biopsy: Review of Histologic, Imaging, and Management Considerations. *American Journal of Roentgenology*. 2017 Nov;209(5):1168-77.

d. Book Chapters:

1. **Newell MS**, Losken A. Imaging of the Breast, In: Partial Breast Reconstruction: Techniques in Oncoplastic Surgery, Losken & Hamdi (eds). Quality Medical Publishing, 2008.
2. 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.
3. **M. Newell**, M. Mahoney. Percutaneous Biopsy. In: Imaging of the Breast, Bassett, Mahoney & D’Orsi (eds). Elsevier, 2011.
4. **M. Newell**, A. Holbrook. Emerging Technologies in Breast Cancer Screening and Diagnosis. In: Breast Cancer Screening and Diagnosis. MK Shetty (ed). Springer, New York, 2015. 427-448.



5. **Newell MS**, Losken A. Imaging of the Breast, In: Partial Breast Reconstruction: Techniques in Oncoplastic Surgery, Losken & Hamdi (eds). Quality Medical Publishing, 2016.

6. **Newell MS**. Round and Punctate Calcifications. Breast Imaging. 2018 Jan 26:311.

e. Book Reviews:

1. 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.

2. 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.

3. Review of Specialty Imaging: Breast MRI: A Comprehensive Imaging Guide by Raza and Birdwell, Academic Radiology, in press.

4. Review of Specialty Imaging: Breast MRI: A Comprehensive Imaging Guide by Raza and Birdwell, JMRI, in press.

f. Manuals, Videos, and Other Teaching Aids:

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

2. "Breast Cancer: A Patient's Journey," *CancerQuest*, Winship Cancer Institute, 2008.

3. Video, **Newell MS**. Breast Intervention: How I Do It. Radiology Website, 2013

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

g. Other Publications:

1. ACR Practice Parameter for the Performance of Molecular Breast Imaging (MBI) Using a Dedicated Gamma Camera Res. 38 – Adopted 2017 (**as Committee chair**)

2. ACR Practice Parameter for the Performance of Screening and Diagnostic Mammography Res. 35 – 2018 (**as Committee chair**)

3. ACR Practice Parameter for the Imaging Management of DCIS and Invasive Breast Carcinoma Res. 13 – 2013
4. ACR Practice Parameter for the Performance of a Breast Ultrasound Examination Res. 38 – 2016 (**as Committee chair**)
5. ACR Practice Parameter for the Performance of Contrast-Enhanced Magnetic Resonance Imaging (MRI) of the Breast Res. 12 – 2013
6. ACR Practice Parameter for the Performance of Stereotactic-Guided Breast Interventional Procedures Res. 36 – 2016 (**as Committee chair**)
7. ACR–AAPM–SIIM Practice Parameter for Determinants of Image Quality in Digital Mammography Res. 42 – 2017 (**as Committee chair**)
8. ACR Practice Parameter for the Performance of Ultrasound-Guided Percutaneous Breast Interventional Procedures Res. 37 – 2016 (**as Committee chair**)
9. ACR Practice Parameter for the Performance of Magnetic Resonance Imaging-Guided Breast Interventional Procedures Res. 35 – 2016 (**as Committee chair**)
10. ACR Practice Parameter for the Performance for the Performance of Digital Breast Tomosynthesis (DBT) Res. 36 – 2018 (**as Committee chair**)
11. CME post-tests for AJR (23 to date)

g. Educational Exhibits:

1. Hill SH, Ho CP, **Newell MS**. Beyond the Breast: Important Extramammary Findings on Breast Imaging. RSNA 2012, Chicago, IL, 2012.
2. Tuscano DS, Holbrook AI, **Newell MS**. The benefits of same-day pre-exam patient education in breast imaging. Radiologic Society of North America; 2013 Dec 3; Chicago, Illinois.
3. Shah N, Holbrook AI, Aho MR, Spell N, **Newell MS**. Reducing breast MRI cancellations and no shows. Radiologic Society of North America; 2014 Dec 1-4; Chicago, Illinois.
4. Kim YK, Agasthya G, Ho CP, Holbrook AI, **Newell MS**, Fleming M, Hamlin MB, Handa P, Braykov N, Sechopoulos I, D’Orsi C. Comparison of

3-view screening digital mammography to screening digital breast tomosynthesis. AMA Annual meeting, Chicago, IL, Nov. 13, 2015.

5. Patel B, **Newell M**, Kosiorek H, Pizzitola V, D'Orsi C. Nationwide survey of screening versus diagnostic mammography in women with history of prior breast cancer. American College of Radiology Annual Meeting, Washington DC, May 14-19, 2016.

29. Other contributions not otherwise noted:

a. National:

Image Reviewer, American College of Radiology Mammography Accreditation Program, 2005–2015

ROSS (Random On-Site Survey) Inspector, American College of Radiology Mammographic Accreditation Program, 2007 -present

Oral Board Examiner, American Board of Radiology, 2008, 2010-2013

Alternate Councilor, State of GA, American College of Radiology, 2008, 2015-present

Councilor, State of GA, American College of Radiology, 2010-2015

Senior Reviewer, American College of Radiology Mammography Accreditation Program, 2015-present

Reviewer of SAMS/CME, American Board of Radiology, 2016-present

b. Institutional:

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

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