Moving Forward: New Approaches in Breast Imaging

S Y M P O S I U M

## ON-SITE PROGRAM

Savannah, Georgia

MAY 16-19 2022



Office of the Mayor Sabannah, Georgia

Van R. Johnson, II Mayor

May 17, 2022

GREETINGS

On behalf of the City of Savannah, it is my pleasure to extend a warm welcome to the attendees of the 2022 SBIACR (Society of Breast Imaging) Breast Imaging Symposium.

We are delighted that your conference will be held in the City of Savannah to bring together medical professionals for the purpose of saving lives and minimize the impact of breast cancer.

While in Savannah, I encourage you to explore the many attractions our city has to offer, sample cuisine at the many fine restaurants, enjoy the rich and diverse heritage, and share in our Southern hospitality.

Again, I offer best wishes for a remarkable event and memorable visit.

Sincerely,

Van R. Johnson, II Mayor

MayorJohnson@savannahga.gov • P.O. Box 1027 • Savannah, Georgia 31402 • (912) 651-6444 • Fax (912) 651-6805

### Moving Forward: New Approaches in Breast Imaging



**John Lewin,** MD, FACR, FSBI 2022 Symposium Program Chair

Welcome to the 2022 SBI/ACR Breast Imaging Symposium! This year will be the first-ever hybrid in-person/virtual SBI meeting. For those of you attending on-site, I am sure you will agree that it will be great to see our colleagues in-person after 2 years of seeing only each other's faces on our computer screens. For those of you attending virtually, I am happy that technology has allowed the virtual option so that many more people, both in the U.S. and abroad, can participate. As always, the conference is designed to include

a mixture of clinical and non-clinical topics with both practical and future-looking sessions, designed to provide learning opportunities to all of our attendees, whether they are sub-specialized breast imagers, general radiologists doing breast imaging, trainees, technologists, or others interested in advancing the field. Newer topics, such as AI and DEI, join new treatments of older topics, such as MRI interpretation, practice efficiency and personalized screening. This conference is the result of hours of hard work (and hours of Zoom meetings) by our dedicated SBI staff, our Program Committee and, of course, our faculty. I cannot begin to express my gratitude for all the effort that they have put in to make this event a success. Special thanks is also due to our corporate sponsors and exhibitors for their critical support. Finally, I would like to thank all the in-person and virtual attendees, SBI members, fellows, trainees and guests, for participating and for doing your part to improve breast cancer detection and diagnosis through education, outreach and commitment to our patients. Here's to a great meeting!

John Lewin, MD, FACR, FSBI



### LEARNING OBJECTIVES

- Summarize the current scientific debate and variations in recommendation for breast cancer screening with mammography.
- Recognize the role of risk assessment and tailored screening paradigms to improve breast cancer screening outcomes.
- B Describe newer modalities for breast imaging, including various supplemental modalities to mammography, accuracy of interpretation, and up-to-date concepts regarding breast density assessment.
  - Identify different practice patterns, metrics, and challenges pertaining to varying breast imaging practices across the country.
- 5 Explain how other practices organize and administer breast imaging practices at the local level, while establishing overall practice guidelines at the national level that meet local needs.
- Review barriers in access for breast imaging care to develop strategies for improved service lines.



#### Physicians earn up to 23.25 CME and 8 SAM Technologists earn up to 22.25 CE

#### Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of The American College of Radiology and The Society of Breast Imaging. The American College of Radiology is accredited by the ACCME to provide continuing medical education for physicians.

#### **Physician Credit Designation**

The American College of Radiology designates this live activity for a maximum of 23.25 AMA PRA Category 1 Credits<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

#### Technologist Accreditation Statement

The American College of Radiology (ACR) is approved by the American Registry of Radiologic Technologists (ARRT) as a Recognized Continuing Education Evaluation Mechanism (RCEEM) to sponsor and/or review Continuing Education programs for Radiologic Technologists and Radiation Therapists.

#### Technologist Credit Designation

The American College of Radiology designates this educational activity as meeting the criteria for up to 22.25 Category A Credit hours of the ARRT.

#### Instructions to Receive Credit - Physician

In order to successfully complete the activity, participants must attend the live virtual meeting, complete an activity evaluation and claim credit commensurate with their participation in the activity. Claim credit via the Symposium website.

#### Instructions to Receive Credit - Radiologic Technologists and Radiation Therapists

In order to successfully complete the activity, participants must attend the live virtual meeting, complete an activity evaluation and claim credit commensurate with their participation in the activity. Radiologic Technologists and Radiation Therapists must validate attendance for the entire duration of a session; no partial credit will be given. In accordance with ARRT attendance requirements, SBI will provide live attendance validation for technologists. Claim credit via the Symposium website.

#### SAM Sessions

The Self-Assessment Module (SAM) activities for the morning plenary sessions will be completed online, on your own time. SAM quizzes can be accessed via the Symposium website.

#### SAM Statement

Qualified on April 1, 2022, this activity meets the American Board of Radiology's criteria for self-assessment (SAM) activity and is designated for up to 8 SAM credits toward the ABR Maintenance of Certification program.

For information about the accreditation of this program, please contact SBI at info@sbi-online.org.

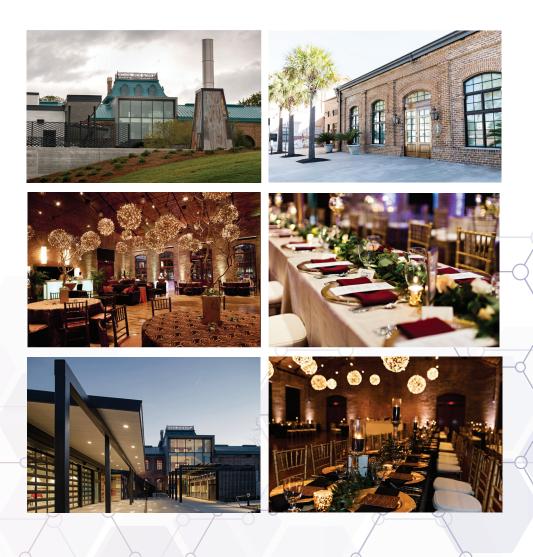
#### **Disclosure of Relevant Financial Relationships**

The ACR Disclosure Policy: The American College of Radiology (ACR) adheres to the policies and guidelines, including the Standards for Integrity and Independence in Accredited CE, set forth to providers by the Accreditation Council for Continuing Medical Education (ACCME), stating those activities where continuing education credits are awarded must be balanced, independent, objective, and scientifically rigorous. All persons in a position to control the content of an accredited continuing education program provided by ACR are required to disclose all financial relationships with any ineligible company within the past 24 months. All financial relationships reported are identified as relevant and mitigated by ACR in accordance with the Standards for Integrity and Independence in Accredited CE in advance of delivery of the activity to learners. The content of this activity was vetted by ACR to assure objectivity and that the activity is free of commercial bias. All relevant financial relationships have been mitigated by ACR.

\*Individual presenter disclosures are available on the meeting website.

## PRESIDENT'S GALA

Join us for a celebratory evening to support the SBI Research and Education Fund at the historic Kehoe Iron Works as we honor 2022 Gold Medalists R. Edward Hendrick, PhD, FSBI and Mark A. Helvie, MD, FSBI along with 2022 Honorary Fellow, Savannah C. Partridge, PhD.



### SBIRESEARCH & EDUCATION FUND



The mission of the SBI Research & Education (R&E) Fund is to support the research and education of breast imaging professionals. SBI wishes to offer travel grants to residents and fellows who have been selected to present their original scientific work at the SBI/ACR Breast Imaging Symposium. Your generous donations will ensure these deserving young professionals—the future of the society—have the access, support, and resources they need to excel.

#### WHAT YOUR DONATIONS SUPPORT: RESEARCH AWARD WINNERS

Two research prizes are awarded for abstracts presented at the annual Symposium: one to a medical student/ resident and one to a fellow, based on scientific merit. Each oral abstract winner is awarded a \$1,000 honorarium. Additionally, presenters of the two highest-scoring electronic abstracts are granted \$500 in honoraria.



Aneta Kowalski Contrast Enhanced Mammography Biopsy: Initial Trial and Experience

Gerald D. Dodd, Jr. Research Award Winner

### 2022 WINNERS



Jennifer LaRoy, MD A Diagnostic Dilemma: New Enhancing Findings on Breast MR Following Neoadjuvant Chemotherapy

Wendell Scott Research Award Winner

12:45 PM - 1:05 PM

1:15 PM - 1:35 PM

Details subject to change.

Presenters: Georgia Spear, MD

and Olena Weaver, MD Sponsored by GE Healthcare

Presenter: Amanda Squires

Sponsored by Myriad Genetics

Exhibit Hall

Exhibit Hall

ТІМЕ	TITLE OF LECTURE	SPEAKER	ROOM	
7:45 am – 6:00 pm	SBI Pre-Course: 3D Automated Breast Ultrasound Screening: Early Detection and Diagnosis (In-Person only)	Chair: Jocelyn Rapelyea, MD, FSBI Ashley I. Huppe, MD Sujata V. Ghate, MD, FSBI, FACR Amie Y. Lee, MD, FSBI	Meeting Rooms 105 - 106	
7:45 am - 6:00 pm	SBI Pre-Course: Breast MRI (In-Person only)	Chair: Wendy B. DeMartini, MD, FSBI Lars J. Grimm, MD, MHS, FSBI Bonnie N. Joe, MD, PhD, FSBI Roberta M. Strigel, MD, MS, FSBI	Meeting Rooms 200 - 202	
5:00 pm - 6:30 pm	Resident & Fellow Section Reception (Limited to	In-Training Members) - In-Person Only	Harbor Ballroom at the Westin	

DAY 1: MONDAY, MAY 16 TIME TITLE OF LECTURE SPEAKER ROOM 7:45 AM - 8:00 AM Welcome & Announcements Chair: John Lewin, MD, FACR, FSBI Chatham Ballroom 8:00 AM - 8:20 AM New Evidence for Screening Mammography -Sally M. Friedewald, MD, FACR, FSBI Chatham Ballroom Real World Results 8:20 AM - 8:45 AM Chatham Stamatia V. Destounis, MD, FACR, FSBI Making the Case for Screening at Your Ballroom Phoebe Freer, MD, FSBI Institution - A Mock Debate Chatham 8:45 AM - 9:15 AM Tomosynthesis at 5 Years: What Do We Know, Debra Monticciolo, MD, FACR, FSBI Ballroom What Is New, and Are We Saving More Lives or Not? 9:15 AM - 9:30 AM Screening Ultrasound Update: Is It Worth It? Wendie A. Berg, MD, PhD, FACR, FSBI Chatham Ballroom 9:30 AM - 10:00 AM MRI Update - 5 Tips to Make Your MRIs Easier Linda Moy, MD, FSBI, FACR, FISMRM Chatham Ballroom to Read BREAK Exhibit Hall 10:00 AM - 10:20 AM Bethany L. Niell, MD, PhD, FSBI Chatham 10:20 AM - 10:50 AM Physiologic Screening: Ab-MRI, CEM, MBI Ballroom Bhavika Patel, MD, FSBI Updates Gaiane (Maia) M. Rauch, MD, PhD, FSBI Moderator: Janice S. Sung, MD, FSBI Chatham 10:50 AM - 11:10 AM Contrast Imaging in Practice (Case-based) Janice S. Sung, MD, FSBI Ballroom 11:10 AM - 11:40 AM Chatham Personalized Screening: Pros and Cons (Or Murray Rebner, MD, FACR, FSBI Ballroom Where Do We Stand?) Beth S. Burnside, MD, MPH, FACR, FSBI 11:40 AM - 12:00 PM Chatham Morning Speakers Q&A Panel Moderator: John Lewin, MD, FACR, FSBI Ballroom 12:00 PM - 1:30 PM Harbor Fellows Business Meeting/Lunch (In-Person Only) Ballroom at the Westin ATTENDEE LUNCH Exhibit Hall 12:00 PM - 1:30 PM Lunch & Learn: Implementation and Application Presenter: Ryan Gabriel Room 101 of CEM and CESBx in Clinical Practice Sponsored by Hologic 12:15 PM - 12:35 PM Theater Presentation: Volumetric Specimen Sponsored by Clarix Imaging Exhibit Hall Imaging (VSI) for True 3D Lumpectomy Margin Assessment

Theater Presentation: Implementation of

ABUS Program and Latest Research Results

Theater Presentation: Risk Assessment in The

Modern Breast Center: Clinical Risk Models,

Genetics, Health Equity, and Beyond

Research-to-clinic: A Path to Consider for Contrast-enhanced Mammography Implementation in Academic Breast Centers

DAY 1: MONDAY, MAY 16

ТІМЕ	TITLE OF LECTURE	SPEAKER	ROOM
1:30 pm - 2:30 pm	Concurrent Educational Sessions		
	Clinical Trials Update	Christopher Comstock, MD, FACR, FSBI Lars J. Grimm, MD, MHS, FSBI	Room 105-106
	MRI - Image Optimization and Cases	Bonnie N. Joe, MD, PhD, FSBI Sona A. Chikarmane, MD, FSBI	Room 102-104
1:30 pm – 2:30 pm	Concurrent Educational Sessions		
	Practical AI	Fernando Collado-Mesa, MD, FSBI Linda Moy, MD, FSBI, FACR, FISMRM	Chatham Ballroom
	Tomosynthesis Nuts and Bolts	Mark A. Helvie, MD, FACR, FSBI Melissa A. Durand, MD, FSBI	Room 200-202
1:30 pm – 2:30 pm	Learning Lab 2: How Can Opto-Acoustics Help Your Patients?	Presenter: A. Thomas Stavros, MD, FACR, FSBI Sponsored by Seno Medical	Exhibit Hal
1:30 pm – 2:30 pm	Scientific Session 1: Evolving Technology	Moderator: Jennifer A. Harvey, MD	, FACR, FSBI
	Session 1: Inter-reader Agreement of Contrast- Enhanced Mammography BI-RADS Lexicon	Presenter: Yukun Gao, MD	Room 203-205
	Session 2: Background Parenchymal Enhancement on Surveillance Breast MRI in Women with a Personal History of Primary Breast Cancer: Association with Future Second Breast Cancer Risk	Presenter: Su Hyun Lee, MD, PhD	Room 203-205
	Session 3: Ultrafast MRI in the Clinical Setting to Improve Breast MRI Performance	Presenter: Yun An Chen, MD	Room 203-205
	Session 4: New Pulse Biopsy Device Safe and Effective in Challenging Cases of Axillary Biopsies: Subgroup Analysis of Initial PULSE Data for Lymph Nodes of Small Size and Difficult Anatomic Location	Presenter: Marc Thill, MD, PhD	Room 203-205
	Session 5: A Pilot Observer Performance Study to Assess the Clinical Translational Potential of Inline Phase Sensitive Breast Tomosynthesis	Presenter: Laurie L. Fajardo, MD, MBA, FACR, FSBI	Room 203-205
	Session 6: Is Short-Interval Follow-up of Contrast-Enhanced Mammography Lesions Necessary after Negative Breast MRI?	Presenter: Maxine S. Jochelson, MD, FSBI, FACR	Room 203-205
2:30 рм – 2:45 рм	BREAK		
2:45 pm – 3:45 pm	Concurrent Educational Sessions		
	Multimodality Cases	Catherine S. Giess, MD, FSBI Karen S. Johnson, MD, FSBI	Chatham Ballroom
	Optical and Opto-acoustic Imaging	Basak E. Dogan, MD, FSBI Steven P. Poplack, MD, FACR, FSBI	Room 203-205
	Stereotactic and Tomo Biopsy - Technique and Problem Solving	Tejas S. Mehta, MD, MPH, FSBI, FACR Elissa R. Price, MD, FSBI	Room 102-104
	The Real Secrets to Decreasing Your Medico- legal Risk	Michael N. Linver, MD, FSBI, FACR Laurie L. Fajardo, MD, MBA, FACR, FSBI	Room 200-202
	US Nuts and Bolts	Diana L. Lam, MD, FSBI Shadi Aminololama-Shakeri, MD, FSBI	Room 105-106
2:45 pm - 3:45 pm	Learning Lab 1: Case Review: Understanding Your Patient Beyond the Risk Score	Presenter: Brian Drohan, PhD Kevin S. Hughes, MD, FACS Sponsored by Volpara	Exhibit Hall
2:45 pm - 3:45 pm	Learning Lab 2: How Can Opto-Acoustics Help Your Patients?	Presenter: A. Thomas Stavros, MD, FACR, FSBI Sponsored by Seno Medical	Exhibit Hal

DAY 1: MONDAY, MAY 16

TIME	TITLE OF LECTURE	SPEAKER	ROOM
3:45 pm - 4:00 pm	BREAK		
4:00 PM - 5:00 PM	Concurrent Educational Sessions		
	Journal of Breast Imaging (JBI)	Manisha Bahl, MD, MPH, FSBI Ana P. Lourenco, MD, FSBI	Room 203-205
	MBI - Technology, Interpretation, and Integration (with Cases)	Amy Fowler, MD, PhD, FSBI Katie N. Hunt, MD, FSBI Carrie B. Hruska, PhD, FSBI, DABR	Room 102-104
4:00 PM - 5:00 PM	Concurrent Educational Sessions		
	MRI Interpretation and Cases	Habib Rahbar, MD, FSBI Kimberly M. Ray, MD, FSBI	Room 200-202
	SBI Global Partners: RAD-AID and RAB	Jessica W. T. Leung, MD, FACR, FSBI Victoria L. Mango, MD, FSBI Suresh de Silva, MB, BS Erica B. Pollack, MD	Room 105-106
	Working With Your Techs: Mammography Positioning/Ultrasound Tips You Really Need	Louise Miller, RTRM, FSBI Cecilia L. Mercado, MD, FSBI	Chatham Ballroom
4:00 pm - 5:00 pm	Learning Lab 1: Case Review: Understanding Your Patient Beyond the Risk Score	Presenter: Brian Drohan, PhD Kevin S. Hughes, MD, FACS Sponsored by Volpara	
	Learning Lab 2: How Can Opto-Acoustics Help Your Patients?	Presenter: A. Thomas Stavros, MD, FACR, FSBI Sponsored by Seno Medical	Exhibit Hall
5:00 PM - 6:00 PM	Welcome Reception		Exhibit Hall

#### DAY 2: TUESDAY, MAY 17

ТІМЕ	TITLE OF LECTURE	SPEAKER	ROOM
7:45 AM - 8:00 AM	All Members Meeting and Induction of New President	Emily F. Conant, MD, FSBI	Chatham Ballroom
8:00 AM - 8:30 AM	Keynote Lecture: Personalized Treatment of Breast Cancer	Gabriel N. Hortobagyi, MD, FACP	Chatham Ballroom
8:30 am - 9:00 am	Imaging Evaluation of Neoadjuvant Therapy Response: Reporting Standards, Prediction, Tips and Tricks	Beatriz E. Adrada, MD, FSBI	Chatham Ballroom
9:00 am - 9:30 am	How to Manage the Axilla: It's the Pits	Ana P. Lourenco, MD, FSBI	Chatham Ballroom
9:30 AM - 10:00 AM	Gold Medal and Honorary Fellow Awards Ceremony	Emily F. Conant, MD, FSBI	Chatham Ballroom
10:00 AM - 10:20 AM	BREAK		
10:20 AM - 10:50 AM	Guest Lecture: Breast Reconstruction (and/ or Oncoplastic Surgery) Updates	$Mark\ W.\ Clemens, MD, MBA, FACS$	Chatham Ballroom
10:50 AM - 11:10 AM	Imaging of the Surgically Treated/Reconstructed Breast	Debra M. Ikeda, MD, FACR, FSBI	Chatham Ballroom
11:10 AM - 11:30 AM	COVID Follow-Up	Debra M. Ikeda, MD, FACR, FSBI	Chatham Ballroom
11:30 AM - 12:00 PM	Morning Speaker Q&A Panel	Emily F. Conant, MD, FSBI	Chatham Ballroom
12:00 pm - 1:30 pm	Lunch & Learn: Advancing Patient Care with Wire-Free Magnetic Lesion Localization	Sponsored by Mammotome	Room 101
	ATTENDEE LUNCH		Exhibit Hall
12:15 pm – 1:05 pm	Theater Presentation: Beyond Breast Cancer - Extending the Value of Mammography for Women's Health	Presenters: Alyssa Watanabe, MD and Kevin Harris Sponsored by CureMetrix	Exhibit Hall

### PROGRAM SCHEDULE DAY 2: TUESDAY, MAY 17

	-	SDEAVED	BOOM
TIME		SPEAKER	ROOM
12:45 pm – 1:05 pm	Theater Presentation: Wide Angle Tomosyn- thesis Creating Health Equity for Everywoman, Everywhere	Presenter: Brian Englander Sponsored by Siemens Healthineers	Exhibit Hall
1:15 pm – 1:35 pm	Theater Presentation: Facing the Future with Confidence: How the Latest AI Tool Enhances Radiologist Performance	Presenters: Bill Lotter, PhD, Jacqui Holt, Greg Sorensen Sponsored by DeepHealth	Exhibit Hall
1:30 PM - 2:30 PM	Concurrent Educational Sessions		
	Disparities in Breast Cancer in the U.S. and How to Address Them - Community Education	Cindy Lee, MD, FSBI, FACMQ Rachel F. Brem, MD, FACR, FSBI	Room 200-202
	Implant Complications and ALCL	Mark W. Clemens, MD, MBA, FACS Wei-Tse Yang, MD, FSBI, FACR, MHCM	Room 102-104
	MRI Biopsy - Tips Tricks and Cases	Eric L. Rosen, MD, FSBI Haydee Ojeda-Fournier, MD, FSBI	Chatham Ballroom
	Practice Efficiency	Amy Lynn Conners, MD Stamatia V. Destounis, MD, FACR, FSBI	Room 105-106
1:30 pm – 2:30 pm	Learning Lab 1: ShearWave™ Elastography: A Promising Adjuvant to Conventional Breast Ultrasound	Presenter: Donna Plecha, MD, FSBI Sponsored by Hologic	Exhibit Hall
1:30 pm – 2:30 pm	Learning Lab 2: Advancing Your Skills in Ultrasound-Guided Breast and Axillary Procedures	Presenter: Kimberly Hutcherson, MD Sponsored by Mammotome	Exhibit Hall
1:30 PM - 2:30 PM	Scientific Session 2: Current Challenges	Moderator: Elizabeth Morris, MD, FA	CR, FSBI
	Session 1: Mortality Rates in Women Ages 40 and Older Diagnosed with Breast Cancer according to Method of Detection	Presenter: Jean Seely, MD, FSBI, FCAR	Room 203-205
	Session 2: Multilevel Factors Associated with Time to Biopsy after Abnormal Screening Mammography	Presenter: Marissa B. Lawson, MD	Room 203-205
	Session 3: Patient and Radiologist Demograph- ics Influence Perceptions of Screening Mammogram Reports	Presenter: Lars J. Grimm, MD, MHS, FSBI	Room 203-205
	Session 4: Patient and Facility Characteris- tics Affecting Mammography Screening Rates during the COVID-19 Pandemic	Presenter: Allyson L. Chesebro, MD	Room 203-205
	Session 5: Ultrasound Features to Differenti- ate COVID Vaccine-related Benign Adenop- athy from Malignant Adenopathy	Presenter: Hannah L. Chung, MD	Room 203-205
	Session 6: Impact of Community Outreach in Recruitment of Underrepresented Populations for Screening Mammography	Presenter: Meng Hao, MD	Room 203-205
2:30 рм – 2:45 рм	BREAK		Exhibit Hall
2:45 PM - 3:45 PM	Concurrent Educational Sessions		
	Challenging Cases: MRI	H. Carisa T. Le-Petross, MD, FSBI Dorota J. Wisner, MD, PhD, FSBI	Chatham Ballroom
	Optimizing Tomosynthesis: Comparing Units, Clinical Optimization, Optimal Reading Strategies	Andrew Maidment, PhD, FSBI Anna I. Holbrook, MD, FSBI	Room 203-205
	Predicting Response to NAT (Radiomics) - MRI	Elizabeth S. McDonald, MD, PhD, FSBI Gaiane (Maia) M. Rauch, MD, PhD, FSB	Room 200-202
	US Nuts and Bolts: Advanced Mammography - Calcifications	Jay A. Baker, MD, FACR, FSBI Jessica Hayward, MD, FSBI	Room 102-104

DAY 2: TUESDAY, MAY 17				
ТІМЕ	TITLE OF LECTURE	SPEAKER	ROOM	
2:45 PM - 3:45 PM	Concurrent Educational Sessions			
	Wellness Panel: How to Advocate for and Implement Wellness in Your Breast Centers	Alison L. Chetlen, DO, FSBI Jean M. Weigert, MD, FACR, FSBI Moderator: Jay R. Parikh, MD, FRCP(c), FSBI, FACR, FACPE	Room 105-106	
2:45 pm - 3:45 pm	Learning Lab 2: Advancing Your Skills in Ultrasound-Guided Breast and Axillary Procedures	Presenter: Kimberly Hutcherson, MD Sponsored by Mammotome	Exhibit Hall	
3:45 PM - 4:00 PM	BREAK			
4:00 PM - 5:00 PM	Concurrent Educational Sessions			
	Advanced MRI: Ultrafast and Abbreviated MRI, DWI	Yiming Gao, MD, FSBI Savannah C. Partridge, PhD	Room 102-104	
	Advances in Pre-Operative Image Guided Localization	Amie Y. Lee, MD, FSBI Eren D. Yeh, MD, FSBI	Room 200-202	
	Frontiers in Al	Robert M. Nishikawa, PhD, FSBI Connie Lehman, MD, PhD, FSBI	Chatham Ballroom	
ТІМЕ	TITLE OF LECTURE	SPEAKER	ROOM	
4:00 PM - 5:00 PM	Concurrent Educational Sessions			
	Mammography Screening and Diagnostic: Nuts and Bolts	Edward A. Sickles, MD, FACR, FSBI Avice M. O'Connell, MD, FSBI	Room 203-205	
	Patient-Centered Radiology: The 21st Century CURES Act	Mary C. Mahoney, MD, FACR, FSBI Mary Scott Soo, MD, FACR, FSBI	Room 105-106	
4:00 pm - 5:00 pm	Learning Lab 2: Advancing Your Skills in Ultrasound-Guided Breast and Axillary Procedures	Presenter: Kimberly Hutcherson, MD Sponsored by Mammotome	Exhibit Hall	
6:30 pm - 9:30 pm	President's Gala		Kehoe Iron Works	

#### DAY 3: WEDNESDAY, MAY 18

ТІМЕ	TITLE OF LECTURE	SPEAKER	ROOM
7:45 am - 8:00 am	Welcome to Day 3 of the SBI/ACR Breast Imaging Symposium	Jessica W. T. Leung, MD, FACR, FSBI	Chatham Ballroom
8:00 AM - 8:30 AM	The AI Landscape - Ethics, Approval, Reimbursement	Bibb Allen, MD, FACR	Chatham Ballroom
8:30 AM - 9:00 AM	Practical Clinical AI: Quality and Efficiency	Emily F. Conant, MD, FSBI	Chatham Ballroom
9:00 AM - 9:20 AM	Scientific Award Presentations	Moderator: Mary (Mimi) S. Newell, MD	, FACR, FSBI
9:00 AM - 9:10 AM	Contrast Enhanced Mammography Biopsy: Initial Trial and Experience	Presenter: Aneta Kowalski, BS	Chatham Ballroom
9:10 am - 9:20 am	A Diagnostic Dilemma: New Enhancing Findings on Breast MR Following Neoadjuvant Chemotherapy	Presenter: Jennifer LaRoy, MD	Chatham Ballroom
9:20 AM - 10:00 AM	Crowdsourcing: Controversial Topics from the SBI Forum	Jessica W. T. Leung, MD, FACR, FSBI	Chatham Ballroom
10:20 AM - 10:45 AM	Going from Burnout to Brilliance in Breast Imaging	Jay R. Parikh, MD, $FRCP(c), FSBI, FACR, FACPE$	Chatham Ballroom
10:45 AM - 11:10 AM	EUSOBI	Fiona J. Gilbert, FRCR, FRCP	Chatham Ballroom
11:10 am - 11:40 am	Setting a Threshold: Panel with Unknown Equivocal MRI Cases	Christopher Comstock, MD, FACR, FSBI Vandana Dialani, MD, FSBI Fiona J. Gilbert, FRCR, FRCP Martha B. Mainiero, MD, FACR, FSBI Colleen H. Neal, MD, FSBI Susan P. Weinstein, MD, FSBI Moderator: John Lewin, MD, FACR, FSBI	Chatham Ballroom

### PROGRAM SCHEDULE DAY 3: WEDNESDAY, MAY 18

TITLE OF LECTURE	SPEAKER	ROOM
Morning Speaker Q&A Panel	Bibb Allen, MD, FACR Emily F. Conant, MD, FSBI Jay R. Parikh, MD, FRCP(c), FSBI, FACR, FACPE Fiona J. Gilbert, FRCR FRCP Moderator: Jessica W. T. Leung, MD, FACR, FSBI	Chatham Ballroom
Section Chiefs Lunch (Limited to current Section Chiefs of Breast Imaging) - In-Person Only	Panelist: Janie M. Lee, MD, MSc, FSBI Panelist: Roberta M. Strigel, MD, MS, FSBI Panelist: Jean Seely, MD, FSBI, FCAR Moderator: Bethany L. Niell, MD, PhD, FSBI	Grand Ballroom at the Westin
ATTENDEE LUNCH		Exhibit Hall
Theater Presentation: The Radiologists' Expecta- tions from AI as a Help in Reading Mammograms?	Presenter: László Tabár Sponsored by Lunit	Exhibit Hall
Concurrent Educational Sessions		
CEM: Clinical Review and Setting Up a CEM Program	Jordana Phillips, MD, FSBI Maxine S. Jochelson, MD, FSBI, FACR	Room 105-106
Imaging after Breast Cancer Treatment: Risk- based Surveillance and Post-treatment Imaging	Gary J. Whitman, MD, FSBI Janie M. Lee, MD, MSc, FSBI	Chatham Ballroom
Tomo Update: Synthetic Views, Slab vs Slice	Robert D. Rosenberg, MD, FACR, FSBI Margarita L. Zuley, MD, FACR, FSBI	Room 102-104
Race and Ethnicity in Breast Cancer Screening	Edward Hendrick, PhD, FSBI, FACR, FAAPM, FISMRM Debra Monticciolo, MD, FACR, FSBI Marilyn A. Roubidoux, MD, FACR, FSBI	Room 200-202
Scientific Session 3: Focus on Al	Moderator: Jules H. Sumkin, DO, FS	BI
Session 1: High Performance of Al-based Model for Scoring BAC on Mammograms	Presenter: Alyssa Watanabe, MD	Room 203-205
Session 2: Including Temporal Changes Information to an AI System for Breast Cancer Detection to Reduce False Positive Rate	Presenter: Pierre Fillard, PhD	Room 203-205
Session 3: Quantitative Analysis and Machine Learning of Contrast Enhanced Mammography for Predicting Breast Lesion Biopsy Outcome	Presenter: Chang Liu, PhD Student	Room 203-205
Session 4: Real-World Breast Cancer Detection Before and After the Implementa- tion of an Artificial Intelligence Detection System in a Digital Breast Tomosynthesis Screening Program	Presenter: Colleen M. Madden, MD	Room 203-205
Session 5: MR Imaging and Deep Learning for Cancer Detection and Risk Assessment with Emphasis in Abundant Negative Data	Presenter: Yixi Xu, PhD	Room 203-205
Session 6: Use of a Deep Learning Model to Inform Supplemental Screening for Patients at Increased Risk of Breast Cancer	Presenter: Kimeya Ghaderi, MD	Room 203-205
BREAK		Exhibit Hall
BREAK Concurrent Educational Sessions		Exhibit Hall
	Sujata V. Ghate, MD, FSBI, FACR Michael N. Linver, MD, FSBI, FACR	Room 203-205
Concurrent Educational Sessions Gene Panel Update, & New Tabar Findings:		Room
	Morning Speaker Q&A PanelSection Chiefs Lunch (Limited to current Section Chiefs of Breast Imaging) - In-Person OnlyATTENDEE LUNCHTheater Presentation: The Radiologists' Expecta- tions from AI as a Help in Reading Mammograms?Concurrent Educational SessionsCEM: Clinical Review and Setting Up a CEM ProgramImaging after Breast Cancer Treatment: Risk- based Surveillance and Post-treatment Imaging to update: Synthetic Views, Slab vs SliceRace and Ethnicity in Breast Cancer ScreeningSession 1: High Performance of AI-based Model for Scoring BAC on MammogramsSession 2: Including Temporal Changes Information to an AI System for Breast Cancer Detection to Reduce False Positive RateSession 3: Quantitative Analysis and Machine Learning of Contrast Enhanced Mammography for Predicting Breast Lesion Biopsy OutcomeSession 4: Real-World Breast Cancer Detection Before and After the Implementa- tion of an Artificial Intelligence Detection system in a Digital Breast Tomosynthesis screening ProgramSession 5: MR Imaging and Deep Learning for Cancer Detection and Risk Assessment with Emphasis in Abundant Negative DataSession 6: Use of a Deep Learning Model to Inform Supplemental Screening for Pratients attented Screening for Pratients	TITLE OF LECTURESPEAKERMorning Speaker Q&A PanelBibb Allen, MD, FACR Emily F. Conant, MD, FSBI Jay R. Parikh, MD, FRCRQ, FSBI, FACR, FACRESection Chiefs of Breast Imaging) - In-Person OnlyPanelist: Jaine M. Lee, MD, MS, FSBI Panelist: Jaine M. Lee, MD, MS, FSBI Jaine M. Lee, MD, MS, FSBI FACRImaging after Breast Cancer Treatment: Risk- based Surveillance and Post-treatment Imaging Jaine M. Lee, MD, MS, FSBI Jaine M. Lee, MD, MS, FSBI Tomo Update: Synthetic Views, Slab vs SliceJordana Phillips, MD, FSBI Mariary A. Houbidoux, MD, FACR, FSBI Margarita L. Zuley, MD, FACR, FSBI Marly A. Roubidoux, MD, FACR, FSBI Model for Scoring BAC on MammogramsSession 1: High Performance of Al-based Information to an Al System for Breast Cancer Detection to Reduce False Positive Rate Session 3: Quantitative Analysis and Machine Learning of Contrast Enhanced Mammography for Predicting Breast Lesion Biopsy OutcomePresenter: Chang Liu, PhD StudentSession 5: MR Imaging and Deep

### PROGRAM SCHEDULE DAY 3: WEDNESDAY, MAY 18

TIME	TITLE OF LECTURE	SPEAKER	ROOM
	Screening Guidelines Update	Daniel B. Kopans, MD, FACR, FSBI Jean Seely, MD, FSBI, FCAR	Chatham Ballroom
	Ultrasound Procedures: Biopsy and Locs	Laurie R. Margolies, MD, FACR, FSBI Luz A. Venta, MD, FACR, FSBI	Room 200-202
3:45 PM - 4:00 PM	BREAK		Exhibit Hall
4:00 PM - 5:00 PM	Concurrent Educational Sessions		
	ABUS and HHUS: Setting Up a Program, Lit Review	Regina J. Hooley, MD, FSBI Ralph L. Smathers, MD, FSBI	Room 102-104
	Breast Cancer Care and Outcomes in Diverse Populations: Locally and Globally	Sughra Raza, MD, FACR, FSBI Jacqueline S. Smilg, PhD FFRad(D) (SA) Dip Pec (SA) MD	Room 200-202
	Hot Topic: BIRADS 3 for US and MRI	Liane Philpotts, MD, FACR, FSBI Roberta M. Strigel, MD, MS, FSBI	Chatham Ballroom
4:00 PM - 5:00 PM	Concurrent Educational Sessions		
	Mentoring: Being a Mentor and Being a Mentee (Presented with AAWR)	Priscilla J. Slanetz, MD, MPH, FACR, FSBI, FAAWR, FAUR Monica Sheth, MD	Room 203-205
	Tumor Ablation (Cryo and Others)	Marilyn A. Roubidoux, MD, FACR, FSBI Robert C. Ward, MD	Room 105-106

#### DAY 4: THURSDAY, MAY 19

TIME	TITLE OF LECTURE	SPEAKER	ROOM
7:45 AM - 8:00 AM	Welcome to the final day of the SBI/ACR Breast Imaging Symposium	Mary (Mimi) S. Newell, MD, FACR, FSBI	Chatham Ballroom
8:00 AM - 8:40 AM	BI-RADS: The Next Edition	Wendy B. DeMartini, MD, FSBI Stamatia V. Destounis, MD, FACR, FSBI Peter R. Eby, MD, FACR, FSBI Jessica W. T. Leung, MD, FACR, FSBI Moderator: Mary (Mimi) S. Newell, MD, FACR, FSBI	Chatham Ballroom
8:40 AM - 9:20 AM	DEI: Implicit Bias	Meshell Johnson, MD Jessica W. T. Leung, MD, FACR, FSBI	Chatham Ballroom
9:20 am - 10:00 am	Lobular Neoplasia, ADH, Radial Scars, and Papillomas	Kristen A. Atkins, MD Michael A. Cohen, MD, FACR, FSBI Samantha L. Heller, MD, PhD, FSBI Brandi T. Nicholson, MD, FSBI	Chatham Ballroom
10:00 AM - 10:20 AM	BREAK		
10:20 AM - 10:30 AM	Method of Detection Reporting	Peter R. Eby, MD, FACR, FSBI	Chatham Ballroom
10:30 AM - 11:30 AM	Jeopardy!	Peter R. Eby, MD, FACR, FSBI	Chatham Ballroom
11:30 AM - 12:00 PM	Daily Unknown Cases - Answers and Awards	Mary (Mimi) S. Newell, MD, FACR, FSBI	Chatham Ballroom
Adjourn			

## SBI AWARDS AND RECOGNITIONS

### SBI Gold Medalists

#### R. Edward Hendrick, PhD, FSBI



**Ed Hendrick, PhD,** Clinical Professor of Radiology at the University of Colorado School of Medicine, has dedicated his career to improving the quality of breast imaging. He served as the physics chair in establishing the American College of Radiology's Mammography Accreditation, MRI Accreditation, Stereotactic Breast Biopsy Accreditation, and Breast MRI Accreditation Programs. Dr. Hendrick helped define ACR and FDA federal standards for mammography equipment and quality control and was lead author of all four editions of the ACR's Mammography Quality Control and Stereotactic Breast Biopsy QC Manuals, in addition to serving as co-author of the recent Digital Mammography and MRI QC Manuals. He was a charter member of the FDA's National Mammography Quality Assurance Advisory Committee and co-chair of the Agency for Health Care Policy's Panel on Quality Determinants of Mammography. He served as principal investigator of the first trial of digital mammography and as co-PI of

the ACRIN DMIST trial. He served as both Treasurer and President of the Society of Magnetic Resonance Imaging and is a fellow of ACR, SBI, AAPM, SMRI, and the International Society of Magnetic Resonance in Medicine. Dr. Hendrick's scientific publications have supported adoption of new technologies in breast imaging and have contributed greatly to preserving the right of U.S. women to have access to screening mammography.

#### Mark A. Helvie, MD, FSBI



Mark Helvie, MD, is the Trygve O. Gabrielsen Professor of Radiology at the University of Michigan Health System, Ann Arbor Michigan. Born in Chicago, he is a graduate of Duke University and the University of North Carolina. He completed residency training at the University of Michigan, becoming board certified in both Internal Medicine and Radiology. He was fortunate to work with visiting professor, Dr. Ingvar Andersson from Malmo, Sweden early in his career. He has authored and co-authored over 300 publications and been awarded numerous grants. A long-standing fellow and previous board member in the Society of Breast Imaging, he is Vice Chair of the National Comprehensive Cancer Network (NCCN) Breast Cancer Screening & Diagnosis Panel. His major research is in the field of breast care including patient care, screening, imaging, artificial intelligence, clinical outcomes, and management strategies.

Dr. Helvie has been married 44 years to Leigh and they have 4 children and 4 grandchildren. His outside interests include gardening, construction, bicycling, woodworking, and hanging out with his grandchildren.

### SBI Honorary Fellow

#### Savannah Partridge, PhD



Savannah Partridge, PhD, is a Professor of Radiology and Research Director of the Breast Imaging section at the University of Washington, Seattle, WA. She earned a PhD in Bioengineering with a focus in medical imaging physics from the joint graduate program at University of California, Berkeley and UC San Francisco. At UW, Dr. Partridge leads the Quantitative Breast Imaging research laboratory developing advanced MRI acquisition and analysis techniques for clinical breast applications. A primary focus of her research is development and clinical validation of non-contrast diffusion-weighted MRI for breast imaging. Her research group works to improve breast cancer screening technologies and to improve outcomes through better differentiation of high and low risk disease and more accurate assessment of treatment efficacy. She collaborates closely with multidisciplinary clinicians and scientists and mentors numerous students and

trainees. She is an active member in multiple national cancer and imaging cooperative groups and has served as chair and co-chair of two national breast MRI clinical trials through the ECOG-ACRIN Cancer Research Group (ECOG-ACRIN trials A6702 and A6698).

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Margarita L. Zuley, MD, FACR, FSBI University of Pittsburgh Medical Center



#### SCIENTIFIC SESSION 1: EVOLVING TECHNOLOGY

Monday, May 16, 2022 1:30-2:30 PM ET Moderator: Jennifer Harvey, MD, FSBI

Inter-reader Agreement of Contrast-Enhanced Mammography BI-RADS Lexicon Yukun Gao, MD

Background Parenchymal Enhancement on Surveillance Breast MRI in Women with a Personal History of Primary Breast Cancer: Association with Future Second Breast Cancer Risk **Su Hyun Lee, MD, PhD** 

Ultrafast MRI in the Clinical Setting to Improve Breast MRI Performance  ${\bf Yun}~{\bf An}~{\bf Chen}, {\bf MD}$ 

New Pulse Biopsy Device Safe and Effective in Challenging Cases of Axillary Biopsies: Subgroup Analysis of Initial PULSE Data for Lymph Nodes of Small Size and Difficult Anatomic Location Marc Thill, MD, PhD

A Pilot Observer Performance Study to Assess the Clinical Translational Potential of Inline Phase Sensitive Breast Tomosynthesis Laurie Fajardo, MD, FSBI

Is Short-Interval Follow-up of Contrast-Enhanced Mammography Lesions Necessary after Negative Breast MRI? Maxine Jochelson, MD, FSBI

#### SCIENTIFIC SESSION 2: CURRENT CHALLENGES

Tuesday, May 17, 2022 1:30-2:30 PM ET Moderator: Elizabeth Morris, MD, FSBI

Mortality Rates in Women Ages 40 and Older Diagnosed with Breast Cancer according to Method of Detection Jean Seely, MD, FSBI

Multilevel Factors Associated with Time to Biopsy after Abnormal Screening Mammography Marissa Lawson, MD

Patient and Radiologist Demographics Influence Perceptions of Screening Mammogram Reports Lars Grimm, MD, FSBI

Patient and Facility Characteristics Affecting Mammography Screening Rates during the COVID-19 Pandemic Allyson Chesebro, MD

Ultrasound Features to Differentiate COVID Vaccine-related Benign Adenopathy from Malignant Adenopathy Hannah Chung, MD

Impact of Community Outreach in Recruitment of Underrepresented Populations for Screening Mammography Meng Hao, MD

## SCIENTIFIC SESSIONS

#### SCIENTIFIC SESSION 3: FOCUS ON AI

Wednesday, May 18, 2022 1:30-2:30 PM ET Moderator: Jules Sumkin, DO, FSBI

High Performance of AI-based Model for Scoring BAC on Mammograms Alyssa Watanabe, MD

Including Temporal Changes Information to an AI System for Breast Cancer Detection to Reduce False Positive Rate

Pierre Fillard, PhD

Quantitative Analysis and Machine Learning of Contrast Enhanced Mammography for Predicting Breast Lesion Biopsy Outcome

Chang Liu

Real-World Breast Cancer Detection Before and After the Implementation of an Artificial Intelligence Detection System in a Digital Breast Tomosynthesis Screening Program **Colleen Madden, MD** 

MR Imaging and Deep Learning for Cancer Detection and Risk Assessment with Emphasis in Abundant Negative Data Yixi Xu, PhD

Use of a Deep Learning Model to Inform Supplemental Screening for Patients at Increased Risk of Breast Cancer Kimeya Ghaderi, MD

#### SCIENTIFIC AWARD PRESENTATIONS

Wednesday, May 18, 2022 9:00-9:20 AM ET Moderator: Mary (Mimi) S. Newell, MD, FSBI



Aneta Kowalski

Contrast Enhanced Mammography Biopsy: Initial Trial and Experience

Jennifer LaRoy, MD A Diagnostic Dilemma: New Enhancing Findings on Breast MR Following Neoadjuvant Chemotherapy



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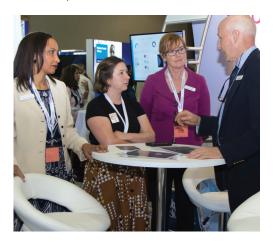




## EXHIBITORS Continued

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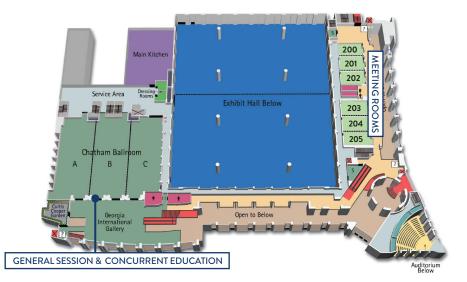


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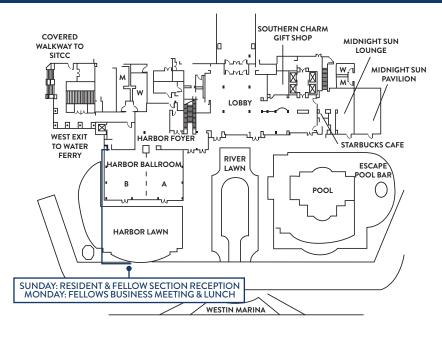


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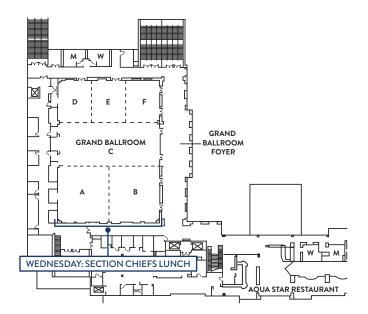


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### NOTES



### NOTES



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