<table>
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<tr>
<th>Faculty Member</th>
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<tbody>
<tr>
<td>Douglas Arthur, MD</td>
<td>VCU Massey Cancer Center</td>
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<tr>
<td>Andrea Barrio, MD</td>
<td>Memorial Sloan Kettering Cancer Center</td>
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<tr>
<td>Harold Burstein, MD, PhD</td>
<td>Harvard Medical Center</td>
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<tr>
<td>Lisa Carey, MD</td>
<td>University of North Carolina – Lineberger Comprehensive Cancer Center</td>
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<tr>
<td>Massimo Cristofanilli, MD</td>
<td>Robert H. Lurie Comprehensive Cancer Center of Northwestern University</td>
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<tr>
<td>Mary Disis, MD</td>
<td>University of Washington</td>
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<tr>
<td>Armando Giuliano, MD</td>
<td>Cedars-Sinai Medical Center</td>
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<tr>
<td>William Gradishar, MD</td>
<td>Robert H. Lurie Comprehensive Cancer Center of Northwestern University</td>
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<td>Nora Hansen, MD</td>
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<td>Jennifer Harvey, MD</td>
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<td>Claudine Isaacs, MD</td>
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<td>Maxine Jochelson, MD</td>
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<tr>
<td>Steven Katz, MD, MPH</td>
<td>University of Michigan</td>
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<tr>
<td>Seema Khan, MD</td>
<td>Robert H. Lurie Comprehensive Cancer Center of Northwestern University</td>
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<tr>
<td>Tari King, MD</td>
<td>Dana-Farber/Brigham and Women's Cancer Center</td>
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<tr>
<td>Mario Lacouture, MD</td>
<td>Memorial Sloan Kettering Cancer Center</td>
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<tr>
<td>Cynthia Ma, MD, PhD</td>
<td>Washington University School of Medicine in St Louis</td>
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<tr>
<td>Sarah McLaughlin, MD</td>
<td>Mayo Clinic</td>
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<tr>
<td>Elizabeth Mittendorf, MD, PhD</td>
<td>MD Anderson Cancer Center The University of Texas</td>
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<tr>
<td>Meena Moran, MD</td>
<td>Yale University School of Medicine</td>
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<tr>
<td>Monica Morrow, MD</td>
<td>Memorial Sloan Kettering Cancer Center</td>
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<tr>
<td>Lisa Newman, MD</td>
<td>Henry Ford Health System</td>
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<tr>
<td>Ruth O'Regan, MD</td>
<td>University of Wisconsin Carbone Cancer Center</td>
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<tr>
<td>Mark Robson, MD</td>
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<tr>
<td>Mikel Ross, MSN</td>
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<td>Stuart Schnitt, MD</td>
<td>Dana-Farber/Brigham and Women's Cancer Center</td>
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<tr>
<td>Kalliopi Siziopikou, MD, PhD</td>
<td>Robert H. Lurie Comprehensive Cancer Center of Northwestern University</td>
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<tr>
<td>George Sledge, Jr., MD</td>
<td>Stanford University</td>
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<tr>
<td>Jonathan Strauss, MD</td>
<td>Robert H. Lurie Comprehensive Cancer Center of Northwestern University</td>
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<tr>
<td>Todd Tuttle, MD</td>
<td>University of Minnesota</td>
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<tr>
<td>Giuseppe Viale, MD</td>
<td>University of Milan</td>
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<tr>
<td>Julia White, MD</td>
<td>Ohio State University James Comprehensive Cancer Center</td>
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<tr>
<td>Eric Winer, MD</td>
<td>Dana-Farber Cancer Institute/ Harvard Medical School</td>
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</table>

**Faculty Disclosure**

Current guidelines state that participants in CME activities should be made aware of any affiliation of financial interest that may affect the speaker's presentation. Each speaker has been requested to complete a faculty disclosure form. (The names of faculty members declaring a relationship or who will be discussing off-label usage will be indicated in the course syllabus.)
Conference Location and Accommodations
The Chicago Marriott Downtown Magnificent Mile is conveniently located in the heart of downtown Chicago at 540 N. Michigan Avenue. A limited number of guest rooms have been held for Symposium attendees at the discounted rate of $279 plus tax per night through September 19, 2018. Contact the hotel directly at 312.836.0100 or use the link on our website. Mention the Lynn Sage Breast Cancer Symposium for the reduced rate.

Special Assistance
In compliance with the Americans with Disabilities Act, Northwestern University will make all reasonable efforts to accommodate persons with disabilities at this meeting. Additionally, if you have any special dietary restrictions, please notify our office at 312.695.1392 prior to the conference.

Accreditation Statement
The Northwestern University Feinberg School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit Designation Statement
The Northwestern University Feinberg School of Medicine designates this live activity for a maximum of 21.75 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other Credits
The American Academy of Nurse Practitioners and the American Nurses Credentialing Center accept AMA PRA Category 1 Credits(s)™ from organizations accredited by the ACCME.

Maintenance of Certification (MOC)
Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 21.75 MOC points in the American Board of Internal Medicine’s (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider’s responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

For additional information or to register visit lynnsagebreastcancer.org or call 312.695.1392.
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Referred to as the most valuable breast cancer meeting worldwide for the practicing clinician, the Lynn Sage Breast Cancer Symposium provides 3.5 days of formal presentations and interactive case discussions. For 20 years, this multidisciplinary CME program has been bringing together leading national and international medical, surgical, and radiation oncologists to present, debate, and evaluate cutting-edge technology and approaches in the management of breast cancer.

Progress across all aspects of patient care, including prevention, screening, detection, and survivorship, as well as in the primary treatment modalities of surgery, radiation therapy, endocrine therapy, cytotoxic chemotherapy, and novel biologic therapies are leading to new strategies and therapeutic options. The symposium focuses on the close cooperation required for effective multidisciplinary management of patients with breast cancer.

**Educational Objectives**

At the conclusion of this activity, participants will be able to:

- Describe factors which influence breast cancer in the African American population;
- Examine the incidence of lymphedema and treatment options;
- Discuss the role of new AJCC staging system and importance of biomarkers;
- Cite the role of axillary surgery today in the breast cancer patient;
- Define genomic testing options, which ones to use, and review need in metastatic breast cancer;
- Review optimal adjuvant therapy in the young patient and describe risk of local regional recurrence in young patients.

Register by August 31, 2018 for early bird discount
8:00 am  
Breakfast & Exhibits

9:00 am  
Symposium Welcome  
William Gradishar, MD  
Symposium Chair

Session 1:  
Supportive Oncology and Special Populations  
Session Chair: Nora Hansen, MD

9:15 am  
Scalp Cooling: A New Standard of Care?  
Mikel Ross, MSN

9:45 am  
Breast Cancer in African Americans  
Lisa Newman, MD

10:15 am  
Lymphedema Management  
Sarah McLaughlin, MD

10:45 am  
Diagnosing and Managing Skin Toxicity  
Mario Lacouture, MD

11:15 am  
Q&A

11:30 am  
Lunch

Session 2:  
Breast Pathology for the Non-Pathologist  
Session Chair: Kalliopi Siziopikou, MD, PhD

1:00 pm  
Phyllodes Tumors in 2018  
Andrea Barrio, MD

1:30 pm  
The New AJCC Staging System: Rationale and Clinical  
Elizabeth Mittendorf, MD, PhD

2:00 pm  
The Immune Tumor Microenvironment in Breast Carcinomas: Pathologic Evaluation and Significance  
Kalliopi Siziopikou, MD, PhD

2:30 pm  
Ki67: Is it Worth Doing?  
Giuseppe Viale, MD

3:00 pm  
Q&A

3:15 pm  
Break

Session 3:  
Challenging Clinical Cases  
Session Chair: William Gradishar, MD

3:45 pm  
Challenging Clinical Cases  
Confirmed Faculty

5:00 pm  
Adjourn

5:00 – 6:00 pm  
Welcome Reception
<table>
<thead>
<tr>
<th>Time</th>
<th>Session 4: Subtype-Specific Treatment</th>
<th>Session 5: Issues in Young Women with Breast Cancer</th>
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<tr>
<td>7:30 am</td>
<td>Breakfast &amp; Exhibits</td>
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<tr>
<td>8:30 am</td>
<td>All Triple Negative Cancers Are Not Created Equal</td>
<td>1:30 pm Imaging Strategies in Dense Breasts</td>
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<td>Stuart Schnitt, MD</td>
<td>Jennifer Harvey, MD</td>
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<td>9:00 am</td>
<td>Biologic Studies of Triple Negative Cancer</td>
<td>2:00 pm Management of Pregnancy-Associated Breast Cancer</td>
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<td>Lisa Carey, MD</td>
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<td>9:30 am</td>
<td>Selecting Surgical Approach by Subtype</td>
<td>2:30 pm Contralateral Prophylactic Mastectomy</td>
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<td>Tari King, MD</td>
<td>Todd Tuttle, MD</td>
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<tr>
<td>10:00 am</td>
<td>Break</td>
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<tr>
<td>10:30 am</td>
<td>Should RT Approach Vary by Subtype</td>
<td>3:00 pm Break</td>
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<td>Julia White, MD</td>
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<td>11:00 am</td>
<td>Q&amp;A</td>
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<tr>
<td>11:15 am</td>
<td>THE CONNIE MOSKOW MEMORIAL LECTURE: Immunology and Breast Cancer</td>
<td>3:30 pm Optimal Adjuvant Therapy in Young Women</td>
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<td>Mary Disis, MD</td>
<td>Mark Robson, MD</td>
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<td>12:15 pm</td>
<td>Lunch</td>
<td>4:00 pm How Much of a Risk Factor for Locoregional Recurrence is Young Age?</td>
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<tr>
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<td>Meena Moran, MD</td>
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<tr>
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<td></td>
<td>4:30 pm Management of Locoregional Recurrence</td>
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<td>Monica Morrow, MD</td>
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<td>5:00 pm Q&amp;A</td>
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<td>5:15 pm Adjourn</td>
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</table>
Session 6: Unresolved Controversies  
Session Chair: Seema Khan, MD

8:30 am  
Neoadjuvant Endocrine Therapy: Patient Selection and Outcomes  
Cynthia Ma, MD, PhD

9:00 am  
Genomic Tests for Adjuvant Therapy Decision Making: Which One is Best?  
Harold Burstein, MD, PhD

9:30 am  
Overcoming Resistance to Endocrine Therapy  
Ruth O’Regan, MD

10:00 am  
Break

10:30 am  
Reirradiation for Breast Conservation: Viable Option?  
Douglas Arthur, MD

11:00 am  
Q&A

11:15 am  
LYNN SAGE DISTINGUISHED LECTURER  
A Frontline View of the Last 20 Years and Where We Go Next  
William Gradishar, MD

12:30 pm  
Lunch

Session 7: The Future of Breast Cancer Treatment is Now  
Session Chair: Monica Morrow, MD

1:45 pm  
Why is It so Difficult to De-Escalate Treatment?  
Eric Winer, MD

2:15 pm  
Molecular Profiling in Metastatic Disease: Standard of Care  
George Sledge, Jr., MD

2:45 pm  
Primary Surgery of the Axilla Today and in the Future  
Armando Giuliano, MD

3:15 pm  
Break

3:30 pm  
Multidisciplinary Tumor Board
Moderator: Monica Morrow, MD
Confirmed Faculty

5:00 pm  
Adjourn
Session 8:
Identification and Management of High Risk Women
Session Chair: William Gradishar, MD

8:30 am
Predisposition Mutations 2018: What’s New?
Claudine Isaacs, MD

9:00 am
Genetic Testing: What’s Really Happening in Practice?
Steven Katz, MD, MPH

9:30 am
Screening High Risk Women: Strategies and Outcomes
Maxine Jochelson, MD

10:00 am
Surgical Risk Reduction: Approaches and Outcomes
Seema Khan, MD

10:30 am
Q&A

10:45 am
Adjourn

Registration
Advance registration is encouraged, as space and materials are limited. The registration fee includes conference tuition, CME credits, materials, four breakfasts, breaks and an evening reception. Register online at lynnsagebreastcancer.org.

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<thead>
<tr>
<th>Type</th>
<th>Discounted Through August 31</th>
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<tr>
<td>General</td>
<td>$525</td>
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ADDITIONAL FEES

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<tr>
<td>Lunch Ticket (no refunds)</td>
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<td>Breakout Session Ticket</td>
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Refund/Cancellation Policy
Registration fees, less a $50 administrative handling fee, are refundable if a written request is received on or before September 13, 2018. No refunds will be given for lunch or breakout sessions. For further information, please call 312.695.1392 or email cancer@northwestern.edu.

Award Programs
The Lynn Sage Symposium Scholars Program is available for fellows and residents and the Chicago Sister Cities Medical Initiative Program is available for international physicians. Detailed information about these award programs and application processes is available online at lynnsagebreastcancer.org. Awards are made possible through the generous support of the Lynn Sage Cancer Research Foundation.