

# Scientific Advisory Board

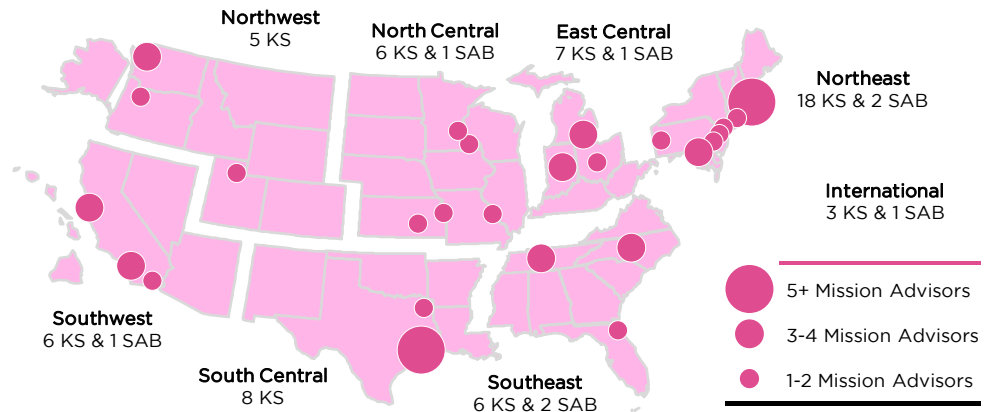
## SUSAN G. KOMEN'S MISSION ADVISORS

Komen's Mission Advisors are the best and brightest researchers, clinicians, advocates & other experts who guide/help implement our mission programs. Thanks to their efforts, we're driving discovery, affecting change & accelerating progress in the fight against breast cancer.

The **Scientific Advisory Board (SAB)** are providing strategic guidance for our research & scientific programs. They play a key role in prioritizing our global research investment. The SAB is led by the chief scientific advisors & acts as the executive committee of the Komen Scholars.

The **Komen Scholars (KS)** are an international group that has a wide range of expertise (clinical & laboratory research, surgery, pathology, prevention, disparities, radiation oncology & other specialties). They contribute in many ways to Komen's mission programs & other activities/events with primary responsibility for leading & reviewing during Komen's scientific peer review process. KS serve as ambassadors & experts in our communities and across the Affiliate Network.

Several of the KS are **Advocates in Science** who ensure that the unique perspectives of those affected by breast cancer are fully integrated in our decisions at every step of the research process.



### Chief Scientific Advisor



*Focus: translational research; breast cancer genetics; TNBC and TNBC subtypes; breast epithelial cell differentiation; androgen receptor.*

JENNIFER A. PIETENPOL, PHD

SOUTHEAST

Vanderbilt-Ingram Cancer Center, Nashville, TN

### Chief Scientific Advisor



*Focus: oncology, clinical-translational research; new therapies for breast cancer; growth factors; anti-angiogenic therapy; TNBC; metastasis; big data (BD4BC).*

GEORGE W. SLEDGE, JR, MD

SOUTHWEST

Stanford University School of Medicine, Stanford, CA



*Focus: oncology, clinical-translational research; cell growth, invasion; new therapies; breast cancer metastasis; Herceptin, HER2 breast cancer.*

CARLOS L. ARTEAGA, MD

SOUTHEAST

Vanderbilt-Ingram Cancer Center, Nashville, TN



*Focus: translational research; estrogen & androgen receptors in breast cancers; therapy resistance in ER positive breast cancer; cistrome & genomics.*

MYLES A. BROWN, MD

NORTHEAST

Dana-Farber Cancer Institute, Boston, MA



*Focus: oncology, clinical-translational research; development of improved treatment options; tumor response to therapy; young women; cancer treatment & fertility.*

KAREN A. GELMON, MD, FRCPC

INTERNATIONAL

British Columbia Cancer Agency, Vancouver, Canada



*Focus: patient & research advocate; clinical trials; clinical data research; big data (BD4BC); cancer prevention; advocates-in-science steering committee.*

CHERYL L. JERNIGAN, CPA, FACHE

NORTH CENTRAL

Komen Greater Kansas City Affiliate, Kansas City, MO



*Focus: oncology; surgery; disparities; epidemiology; global & public health; primary prevention/risk reduction; special populations (African descent; young women).*

LISA A. NEWMAN, MD, MPH

EAST CENTRAL

Henry Ford Health System, Detroit, MI

### Past Chair



*Focus: oncology, clinical-translational research; new therapies; improving quality of life; HER2-positive breast cancer; breast cancer disparities.*

ERIC P. WINER, MD

NORTHEAST

Dana-Farber Cancer Institute, Boston, MA

# Komen Scholars

## SUSAN G. KOMEN'S MISSION ADVISORS



*Focus: public health & general preventive medicine; surgery, clinical research; global health systems; breast cancer management in low- & middle-income countries.*

**BENJAMIN O. ANDERSON, MD, FACS**

**NORTHWEST**

Fred Hutchinson Cancer Research Center, Seattle, WA



*Focus: translational & laboratory research; breast cancer genetics; pharmaco-genomics; novel therapies; Biomarkers; BRCA1/2; PARP inhibitors; high-throughput screens.*

**ALAN ASHWORTH, BSC, PHD, FRS**

**SOUTHWEST**

UCSF Helen Diller Family Comprehensive Cancer Center, San Francisco, CA



*Focus: pathology, translational research; pathology; breast cancer prognosis; prediction of recurrence & metastasis in estrogen receptor-positive breast cancer.*

**SUNIL S. BADVE, MD, FRCPATH**

**EAST CENTRAL**

Indiana University- Melvin and Bren Simon Cancer Center, Indianapolis, IN



*Focus: oncology, clinical translational research; breast cancer in younger women; endocrine therapy; novel HER2 therapies; breast cancer vaccines; novel therapeutics.*

**KIMBERLY L. BLACKWELL, MD**

**SOUTHEAST**

Duke University School of Medicine, Durham, NC



*Focus: oncology, detection & diagnosis; disparities; epidemiology; primary prevention/ risk reduction; survivorship; special populations (African descent; Hispanic/ Latino).*

**ABENAA M. BREWSTER, MD, MHS**

**SOUTH CENTRAL**

The University of Texas M.D. Anderson Cancer Center, Houston, TX



*Focus: laboratory research; cellular processes & pathways; tumor initiation & progression; therapy resistance; tumor heterogeneity; metabolism; anti-oxidants.*

**JOAN S. BRUGGE, PHD**

**NORTHEAST**

Harvard Medical School, Boston, MA



*Focus: oncology, clinical-translational research; TNBC; breast cancer subtypes; new therapies; prediction of tumor response to therapy.*

**LISA A. CAREY, MD**

**SOUTHEAST**

UNC Lineberger Comprehensive Cancer Center, Chapel Hill, NC



*Focus: oncology, gene regulation; endocrine resistance; transcription factors; pioneer factors; novel therapeutics.*

**JASON S. CARROLL, PHD**

**INTERNATIONAL**

Cancer Research UK and University of Cambridge, Cambridge, UK



*Focus: translational research; immunology; vaccine development for treatment & prevention of breast cancer.*

**NORA L. DISIS, MD**

**NORTHWEST**

University of Washington, Seattle, WA



*Focus: clinical genetics, clinical research; genetic risk; management of hereditary breast cancer; breast cancer prevention & screening; immunotherapy.*

**SUSAN M. DOMCHEK, MD**

**NORTHEAST**

Abramson Cancer Center, University of Pennsylvania, Philadelphia, PA



*Focus: research advocacy; clinical trials; metastatic breast cancer; advocates-in-science steering committee; chair, CAPeR.*

**KAREN DURHAM**

**SOUTH CENTRAL**

Advocate In Science, Tyler, TX



*Focus: oncology, clinical-translational research; new therapies; genes affecting response & resistance to endocrine therapy.*

**MATTHEW J. ELLIS, BSC, MB, BCHIR, PHD**

**SOUTH CENTRAL**

Baylor College of Medicine, Houston, TX

# Komen Scholars

## SUSAN G. KOMEN'S MISSION ADVISORS



*Focus: psychosocial support for breast cancer patients & co-survivors; international advocacy for breast cancer support; advocates-in-science steering committee.*

**SANDY FINESTONE, PSYD**

**SOUTHWEST**

Advocate In Science, Costa Mesa, CA



*Focus: clinical genetics; clinical genetics; hereditary breast cancer; genetic risk; identification of new gene mutations that increase breast & ovarian cancer risk.*

**WILLIAM D. FOULKES, MBBS, PHD**

**INTERNATIONAL**

McGill University, Montreal, Canada



*Focus: oncology; public health & general preventive medicine, clinical research; health policy & management; chemoprevention; quality of life; late effects of cancer treatment.*

**PATRICIA A. GANZ, MD**

**SOUTHWEST**

University of California, Los Angeles, Los Angeles, CA



*Focus: oncology, breast cancer outcomes research; late effects of treatment; treatment & financial toxicities; male breast cancer.*

**SHARON M. GIORDANO, MD, MPH**

**SOUTH CENTRAL**

The University of Texas M.D. Anderson Cancer Center, Houston, TX



*Focus: translational research; genetics & mutations leading to cancer; tumor environment; breast cancer management; new technologies.*

**JOE W. GRAY, PHD**

**NORTHWEST**

Oregon Health & Science University, Portland, OR



*Focus: oncology, clinical-translational research; drug development; identification of biomarkers & tests for prognosis; prediction of response to therapies.*

**DANIEL F. HAYES, MD**

**EAST CENTRAL**

University of Michigan, Ann Arbor, MI



*Focus: oncology, disparities; health care systems delivery; health outcomes; survivorship; special populations (African descent; Hispanic/Latino; young women with breast cancer).*

**DAWN L. HERSHMAN, MD, MS**

**NORTHEAST**

Columbia University Medical Center, New York, NY



*Focus: research advocacy; researcher outreach--role of the patient advocate in research grants; disparities; advocates-in-science steering committee; chair, ETWG.*

**JUDY JOHNSON, MBA**

**NORTH CENTRAL**

Advocate In Science, St. Louis, MO



*Focus: research advocacy; policy advocacy for research funding; health education & access to quality health care; advocates-in-science steering committee.*

**PEGGY JOHNSON**

**NORTH CENTRAL**

Advocate In Science, Wichita, KS



*Focus: oncology, metastasis; tumor microenvironment; breast cancer stem cell; mammary gland stem cell; epithelial-mesenchymal transition; genomics; chemoresistance.*

**YIBIN KANG, PHD**

**NORTHEAST**

Princeton University, Princeton, NJ



*Focus: clinical genetics; public health & general preventive medicine, laboratory research; translational research; inherited breast cancer; breast cancer genetics; BRCA1/2.*

**MARY-CLAIRE KING, PHD**

**NORTHWEST**

University of Washington School of Medicine, Seattle, WA



*Focus: surgery, detection & diagnosis; epidemiology; genetics & molecular biology; omics; primary prevention/ risk reduction; special populations (high risk groups).*

**TARI A. KING, MD**

**NORTHEAST**

Dana-Farber Cancer Institute, Boston, MA



# Komen Scholars

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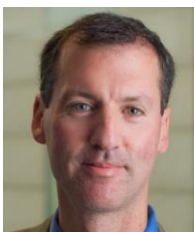


*Focus: oncology, prevention; recurrence; cell biology; signal transduction; breast cancer tumor-initiating cells; breast cancer subtypes; HER2 breast cancer; vaccines; immunotherapies.*

**KEITH L. KNUTSON, PHD**

**SOUTHEAST**

Mayo Clinic (Jacksonville), Jacksonville, FL



*Focus: oncology, clinical-translational research; understanding & overcoming resistance to HER2 therapies; new therapies for HER2 breast cancer; T-DM1.*

**IAN E. KROP, MD, PHD**

**NORTHEAST**

Dana-Farber Cancer Institute, Boston, MA



*Focus: oncology, clinical-translational research; development of novel therapies; new therapy regimens for TNBC; liquid biopsy.*

**ADRIAN V. LEE, PHD**

**NORTHEAST**

University of Pittsburgh, Pittsburgh, PA



*Focus: oncology, biomedical informatics; precision cancer medicine; learning cancer systems; data analytics; data visualization; biomarker validation; cancer quality.*

**MIA A. LEVY, MD, PHD**

**SOUTHEAST**

Vanderbilt-Ingram Cancer Center, Nashville, TN



*Focus: oncology, behavioral sciences; complementary & integrative medicine; endocrinology; survivorship; physical activity; obesity; nutrition; biomarkers.*

**JENNIFER A. LIGIBEL, MD**

**NORTHEAST**

Dana-Farber Cancer Institute, Boston, MA



*Focus: oncology, clinical-translational research; breast cancer genetics; deregulation in cell processes to cause normal cells to become cancerous.*

**DAVID H. LIVINGSTON, MD**

**NORTHEAST**

Dana-Farber Cancer Institute, Boston, MA



*Focus: diagnostic radiology; oncology, translational research; molecular imaging in breast cancer to direct more effective therapy; response to therapy; therapeutic resistance.*

**DAVID A. MANKOFF, MD, PHD**

**NORTHEAST**

University of Pennsylvania, Philadelphia, PA



*Focus: research advocacy; research review; education; advocates-in-science steering committee.*

**ANNE M. MEYN, MD**

**SOUTH CENTRAL**

Advocate In Science, Houston, TX



*Focus: clinical genetics; public health & general preventive medicine, clinical research; angiogenesis; metastatic breast cancer; TNBC; tumor genetics.*

**KATHY D. MILLER, MD**

**EAST CENTRAL**

Indiana University School of Medicine, Indianapolis, IN



*Focus: clinical-translational research; genetic abnormalities in signaling families that lead to cancer; personalized medicine; drug resistance.*

**GORDON B. MILLS, MD, PHD**

**SOUTH CENTRAL**

The University of Texas M.D. Anderson Cancer Center, Houston, TX



*Focus: clinical and experimental therapeutics, immunotherapy, cancer vaccines, tumor antigens, breast cancer staging, neoadjuvant chemotherapy, sentinel lymph node dissection.*

**ELIZABETH A. MITTENDORF, MD, PHD**

**SOUTH CENTRAL**

The University of Texas M.D. Anderson Cancer Center, Houston, TX



*Focus: detection and diagnosis, genetics and molecular biology, MRI imaging, "omics" (genomics, proteomics, etc.), high risk women.*

**ELIZABETH A. MORRIS, MD, FACR**

**NORTHEAST**

Memorial Sloan Kettering Cancer Center, New York, NY

# Komen Scholars

## SUSAN G. KOMEN'S MISSION ADVISORS



*Focus: translational research; therapy resistance; biomarkers for breast cancer progression; biomarkers for response to anti-estrogen therapy & resistance.*

**HARIKRISHNA NAKSHATRI, BVSC, PHD**

**EAST CENTRAL**

Indiana University School of Medicine, Indianapolis, IN



*Focus: public health & general preventive medicine, disparities; psycho-oncology; patient-physician communication; community-based research; stress; cultural factors.*

**ANNA M. NAPOLES, PHD, MPH**

**SOUTHWEST**

University of California, San Francisco, San Francisco, CA



*Focus: cell biology; endocrinology; genetics & molecular biology; estrogen receptor cofactors; endocrine resistance; mutations; epigenetics; invasive lobular cancer (ILC).*

**STEFFI OESTERREICH, PHD**

**NORTHEAST**

University of Pittsburgh, Pittsburgh, PA



*Focus: disparities, epidemiology, global health, "omics" (genomics, proteomics, etc.), primary prevention/risk reduction; African descent, young women with breast cancer.*

**OLUFUNMILAYO OLOPADE, MBBS, FACP**

**NORTH CENTRAL**

University of Chicago, Chicago, IL



*Focus: detection and diagnosis, genetics and molecular biology, "omics" (genomics, proteomics, etc.), men with breast cancer.*

**BEN HO PARK, MD, PHD**

**NORTHEAST**

Johns Hopkins University School of Medicine, Baltimore, MD



*Focus: clinical & population research; young women; psychosocial & behavioral issues in breast cancer care & treatment; patient-doctor communication.*

**ANN H. PARTRIDGE, MD, MPH**

**NORTHEAST**

Dana-Farber Cancer Institute, Boston, MA



*Focus: computational biology; disparities; genetics & molecular biology; special populations (African descent); genomics; HER2; breast cancer subtypes; proteomics.*

**CHARLES M. PEROU, PHD**

**SOUTHEAST**

University of North Carolina, Chapel Hill, NC



*Focus: oncology; radiation oncology, clinical research; therapy for lymph node positive & inherited breast cancer; increasing tumor sensitivity to radiation therapy.*

**LORI J. PIERCE, MD, FASCO, FASTRO**

**EAST CENTRAL**

University of Michigan, Ann Arbor, MI



*Focus: DCIS; tumor diversity; tumor microenvironment; tumor evolution; epigenetics; cancer metastasis; immune evasion.*

**KORNELIA POLYAK, MD, PHD**

**NORTHEAST**

Dana-Farber Cancer Institute, Boston, MA



*Focus: oncology, cancer genomics; bioinformatics; clinical trial design; prognostic & predictive biomarkers.*

**LAJOS PUSZTAI, MD, DPHIL**

**NORTHEAST**

Yale University, New Haven, CT



*Focus: internal/family medicine, early detection; breast density; masking effect; supplemental screening; individualized screening; molecular breast imaging.*

**DEBORAH J. RHODES, MD**

**NORTH CENTRAL**

Mayo Clinic (Rochester), Rochester, MN



*Focus: basic research; mammary gland development; tumor-initiating cells; treatment resistance; TNBC.*

**JEFFREY M. ROSEN, PHD**

**SOUTH CENTRAL**

Baylor College of Medicine, Houston, TX

# Komen Scholars

## SUSAN G. KOMEN'S MISSION ADVISORS



*Focus: clinical genetics; clinical-translational research; ER-negative breast cancer development; progression & new therapies; side effects to therapies.*

**BRYAN P. SCHNEIDER, MD**

**EAST CENTRAL**

Indiana University School of Medicine, Indianapolis, IN



*Focus: research advocacy; global outreach; disparities; metastatic breast cancer; advocates-in-science steering committee.*

**BARBARA SEGARRA-VAZQUEZ, MT, DHSC**

**INTERNATIONAL**

Advocate In Science, San Juan, Puerto Rico



*Focus: research advocacy; cancer coordination & control; health equity & disparities; advocates-in-science steering committee.*

**PATRICIA A. SPEARS**

**SOUTHEAST**

Advocate In Science, Raleigh, NC

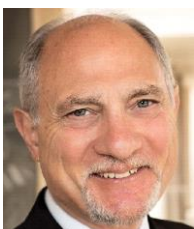


*Focus: oncology, clinical research; clinical trials; TNBC; BRCA1/2 mutation-associated breast cancers.*

**MELINDA L. TELLI, MD**

**SOUTHWEST**

Stanford University School of Medicine, Stanford, CA



*Focus: laboratory research; genetics of the initiation & progression of breast cancer; therapy resistance; metastasis; TNBC.*

**GEOFFREY M. WAHL, PHD**

**SOUTHWEST**

The Salk Institute, La Jolla, CA



*Focus: laboratory & translational research; metastasis; mitochondrial genetics & mutations that lead to breast cancer.*

**DANNY R. WELCH, PHD**

**NORTH CENTRAL**

University of Kansas Medical Center, Kansas City, KS



*Focus: breast cancer & bone metastases; immunotherapy; breast cancer models; patient-derived xenografts.*

**ALANA L. WELM, PHD**

**NORTHWEST**

Huntsman Cancer Institute, Salt Lake City, UT



*Focus: radiation oncology, clinical & translational research; development of new radiation therapy regimens for breast cancer patients.*

**JULIA R. WHITE, MD, FACR, FASTRO**

**EAST CENTRAL**

The Ohio State University, Columbus, OH



*Focus: oncology; surgery, clinical-translational research; identification of markers for breast cancer prognosis & response to therapy; survivorship; quality of care; clinical trials.*

**ANTONIO C. WOLFF, MD**

**NORTHEAST**

Johns Hopkins University School of Medicine, Baltimore, MD



*Focus: research advocacy; translational breast cancer research; research review; TNBC; advocates-in-science steering committee.*

**KIMBERLY E. WRIGHT**

**NORTHEAST**

Advocate In Science, Reisterstown, MD



*Focus: oncology, clinical & translational research; insulin-like growth factor (IGF) in breast cancer; identification of new therapies to target IGF signaling in breast cancer.*

**DOUGLAS YEE, MD**

**NORTH CENTRAL**

University of Minnesota, Minneapolis, MN