Stanford



Candice N. Thompson, MD, MSc, FACS

Clinical Associate Professor, Surgery - General Surgery

CLINICAL OFFICE (PRIMARY)

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Bio

BIO

Dr. Thompson is a board-certified general surgeon and fellowship-trained breast surgical oncology. She is a clinical associate professor of surgery at Stanford University School of Medicine and the Medical Director for the Office of Community Outreach and Engagement. She is also a fellow of the American College of Surgeons (FACS).

Dr. Thompson clinical interests include minimally invasive breast surgery and oncoplastic techniques for the treatment of women and men who have breast cancer, benign breast disease, genetic mutations, family history of breast cancer, or other breast cancer risk factors. Procedures performed by Dr. Thompson include lumpectomies (partial mastectomies) using oncoplastic techniques and hidden scar methods, skin- and nipple-sparing mastectomies, nerve preserving mastectomies, simple mastectomies with aesthetically flat closure, oncoplastic procedures, benign breast lesion excisions, axillary node dissections, and sentinel lymph node excisions.

She completed a breast surgical oncology fellowship at Stanford University under the mentorship of one of the world's foremost experts in the field. She completed her general surgery training at Georgetown University, where she was the co-administrative chief resident. She is passionate about equitable care and addressing healthcare disparities, especially in breast cancer.

Dr. Thompson works closely with medical oncology, radiation oncology, plastic surgery, genetics, and other breast cancer specialists in a multidisciplinary setting to provide high quality, evidence-based, and individualized care. Dr. Thompson is a strong advocate for patient education and empowerment and strives to deliver compassionate care to patients and their families.

Her research has focused on Nipple Sparing Mastectomies, Community Engagement for Breast Cancer in the Black Community, Immune responses during breast cancer treatment, and prognostic role of Circulating Tumor DNA (ctDNA) in the management of breast cancer. She also has strong research interests in community engagement, health disparities, oncoplastic surgical options, and cancer biomarkers. She has delivered presentations on a wide range of topics related to breast cancer at national and regional meetings including NRG Oncology, ASBrS, ASC.

For her scholarship and research achievements, Dr. Thompson has won numerous honors and awards. She has earned the resident teaching award during her chief year at Georgetown. She was awarded the Stanford Cancer Institute Clinical Innovation Fund Grant for her work in educating the Black Community about Breast Health and Breast Cancer (2022). She was also awarded the prestigious NCI Early-Surgeon Scientist Program (ESSP) Award to support her early career as a surgeon scientist(2024). She also serves on the AAS Academic Advancement Committee, NRG Oncology Surgical Oncology Committee, NCCN Breast Screening and Diagnosis Panel, and TOUCH Black Breast Advisor for Pink Table Talk.

Dr. Thompson is a member of the American College of Surgeons (ACS), American Society of Breast Surgeons (ASBrS), Society of Surgical Oncology (SSO), Society of Black Academic Surgeons (SBAS), Association of Women Surgeons (AWS), National Comprehensive Cancer Network® (NCCN®), and American Medical Association (AMA).

Outside of work, Dr. Thompson enjoys pilates, tennis, baking, sewing, wine tasting, and traveling.

CLINICAL FOCUS

- Breast Surgical Oncology
- Breast Cancer
- Cancer Biomarkers
- Cancer Health Equity
- General Surgery
- Benign Breast Disease

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Surgery - General Surgery
- Member, Stanford Cancer Institute

HONORS AND AWARDS

- Early Surgeon Scientist Grant Recipient, National Cancer Institute (2024-2027)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- NCCN Breast Cancer Screening and Diagnosis Guidelines Panel, National Comprehensive Cancer Network (NCCN) (2023 - present)
- Breast Cancer General Committee, NRG Oncology (2024 - present)
- Surgical Oncology Committee, NRG Oncology (2024 - present)
- Justice Equity Diversity and Inclusion Committee, SCI (2023 - 2025)
- Breast Oncology Local Disease Task Force, NCI and NRG (2024 - 2026)
- Committee on Academic Advancement, Association for Academic Surgery (AAS) (2024 - 2026)

PROFESSIONAL EDUCATION

- FACS, American College of Surgeons (2025)
- Mater of Science, Stanford University , Epidemiology and Clinical Research (2025)
- Fellowship: Stanford School of Medicine (2022) CA
- Board Certification: General Surgery, American Board of Surgery (2021)
- Residency: Medstar Georgetown University General Surgery Residency (2021) DC

- Internship: MedStar Washington Hospital Surgery Program (2016) DC
- Medical Education: Howard University College of Medicine (2015) DC

Publications

PUBLICATIONS

- **Peripheral Absolute Lymphocyte Count, Breast Cancer-Specific and Overall Mortality According to Race, Ethnicity, and Breast Cancer Subtypes.** *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*
  Thompson, C. N., Luo, I., Satoyoshi, M., Kenkare, P., Kashyap, G., Maecker, H. T., Schapira, L., John, E. M., Gomez, S. L., Liang, S. Y., Han, S. S., Kurian, A. W.
  2026
- **Two decades of change: Trends and disparities in breast cancer surgical outcomes.**
  Nair, S., Rajinikanth, N., Ahmed, A., Suh, M., Huang, C., Tivakaran, S., Srinivasan, M., Panyanouvong, N., Rajeshuni, N., Huang, R. J., Kamdar, N., Yasui, O., Kim, et al
  LIPPINCOTT WILLIAMS & WILKINS.2026: e12742
- **Circulating tumor DNA (ctDNA) monitoring of high-risk breast cancer patients: A retrospective descriptive analysis in a community setting.**
  Thompson, C., Riaz, F., Dolezal, M. V.
  LIPPINCOTT WILLIAMS & WILKINS.2026: e12606
- **MRI Highlights the Hypervascularity of Breast Keloids.** *Wound repair and regeneration : official publication of the Wound Healing Society [and] the European Tissue Repair Society*
  Thompson, C. N., Daniel, B., Peter Lorenz, H., Wapnir, I. L.
  2026; 34 (2): e70148
- **NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines®) for Breast Cancer Screening and Diagnosis V.1.2026**
  Bevers, T. B., et al
  NCCN.
  2026
- **ASO Visual Abstract: Comparison of Two Wireless Localization Technologies for Removal of Nonpalpable Breast Lesions-SCOUT® Radar Reflector and Pintuition® Magnetic Seed.** *Annals of surgical oncology*
  Chinn, J., Earley, M., Dashevsky, B. Z., Stone, K., Thompson, C. N., Bao, J.
  2025
- **Comparison of Two Wireless Localization Technologies for Removal of Non-palpable Breast Lesions: SCOUTRadar Reflector and PintuitionMagnetic Seed.** *Annals of surgical oncology*
  Chinn, J., Earley, M., Dashevsky, B. Z., Stone, K., Thompson, C. N., Bao, J.
  2025
- **Comparison of Two Non-Radioactive Wireless Localization Technologies for Removal of Non-Palpable Breast Lesions: SCOUT® Radar Reflector and Pintuition® Magnetic Seed**
  Chinn, J., Earley, M., Dashevsky, B., Stone, K., Thompson, C., Bao, J.
  SPRINGER.2025: 858-859
- **NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines®) for Breast Cancer Screening and Diagnosis V.1.2025.**
  Bevers, T. B., et al
  NCCN.
  2025
- **Primary breast arteriovenous malformation in a patient with Cowden syndrome and bilateral ductal carcinoma in situ: a case report** *ANNALS OF BREAST SURGERY*
  Anderson, T. N., Thompson, C. N., Hovsepian, D. M., Josephs, S. C., Dirbas, F. M.
  2024; 8
- **Use of surgery for de novo metastatic breast cancer (mBC)**

Dickerson, J., Tang, H., Thompson, C., Gomez, S. L., Satoyoshi, M., Kurian, A. W., Caswell-Jin, J.
LIPPINCOTT WILLIAMS & WILKINS.2024

- **Residual cancer burden in two-stage nipple sparing mastectomy after first stage lumpectomy and devascularization of the nipple areolar complex.** *Breast cancer research and treatment*
  Thompson, C. N., Chandler, J., Ju, T., Tsai, J., Wapnir, I.
  2024
- **10. NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines®) for Breast Cancer Screening and Diagnosis V.1.2024**
  Bevers, T. B., et al
  NCCN.
  2024
- **Primary breast arteriovenous malformation in a patient with Cowden syndrome and bilateral ductal carcinoma in situ: a case report**
  Anderson, T. N., Thompson, C. N., Hovsepian, D., Josephs, S., Dirbas, F.
  Annals of Breast Surgery. https://dx.doi.org/10.21037/abs-23-8.
  2024
- **Internal Mammary Perforator Preserving Nipple-Sparing Mastectomy (IMP-NSM) to Reduce Ischemic Complications** *Journal of Medical Insight*
  Karin, M., Momeni, A., Thompson, C. N.
  2023
- **Two-stage nipple-sparing mastectomy does not compromise oncologic safety**
  Thompson, C., Chandler, J., Ju, T., Wapnir, I., Tsai, J.
  SPRINGER.2022: 204-205
- **Proximally Based Split Abductor Hallucis Turnover Flap for Medial Hindfoot Reconstruction: A Case Report.** *The Journal of foot and ankle surgery : official publication of the American College of Foot and Ankle Surgeons*
  Wang, J. S., Gunsch, C., Thompson, C., Nigam, M., Evans, K. K., Attinger, C. E.
  2019; 58 (6): 1072-1076
- **Circumferential and Complete Negative Pressure Wound Therapy Application to the Grafted Hand Does not Compromise Dermal Perfusion** *Academic Surgical Congress*
  Thompson, C. N., et al
  2019
- **2-Chloro-N-(2-chloro-benzo-yl)-N-(2-ethyl-4-oxo-3,4-di-hydro-quinazolin-3-yl)benzamide.** *Acta crystallographica. Section E, Structure reports online*
  Bakare, O., Thompson, C., Brandy, Y., Butcher, R. J.
  2014; 70 (Pt 4): o503-4
- **Variable Cellular Conduct of Photonic Carbon Nano-Dots** *Biophysical Journal*
  Bhirde, A.
  2013; 104 (2): 514a