

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: Amanda M. Woodworth, MD, FACS, CPE

eRA COMMONS USER NAME (credential, e.g., agency login):

POSITION TITLE: Associate Professor of Clinical Surgery

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

| INSTITUTION AND LOCATION | DEGREE (if applicable) | Start Date MM/YYYY | Completion Date MM/YYYY | FIELD OF STUDY |
|---|---------------------------|-----------------------|-------------------------------|--|
| Grand Valley State University | BS | 8/1998 | 5/2002 | Biomedical Sciences and Biopsychology |
| Albany Medical College | MD | 8/2003 | 5/2007 | Medicine |
| American Association for Physician Leaders | CPE | 4/2020 | 9/2021 | Certified Physician Executive |
| City of Hope | GCRA | 10/2022 | 2/2023 | Clinical Cancer Genetics |
| Loyola University Medical Center | | 7/2007 | 6/2008 | General Surgical Intern |
| Einstein Medical Center | | 7/2008 | 6/2012 | General Surgical Chief Residency |
| University of Southern California | | 7/2012 | 6/2013 | Breast Surgical Oncology Fellowship |

A. Personal Statement

I am an associate Professor of Clinical Surgery with Keck medicine of USC and my research is focused on genetics, genomics and management of the high risk breast cancer patient. I have specific training in genetics, having completed the City of Hope intensive course in clinical cancer genetics community of practice. I am certified in cancer genetic risk assessment by the National Consortium of Breast Centers. As director of breast health for Keck medicine of USC at Henry Mayo Newhall Hospital and Santa Clarita Valley, I oversee all breast services on this medical campus. My background as a certified physician executive allows me to fully participate in the overall growth and development of the breast program at Henry Mayo Hospital (including quality initiatives, marketing, growth projections, engagement of community physicians and partners, etc). I personally participate in a large amount of community outreach including obtaining a community education grant to support a continuing community education event for women about women's health issues. Previously, as director of breast health at Hahnemann University Hospital, I obtained NAPBC accreditation, was co-PI on an Organoid Lab, growing breast tumor organoids and obtained a grant for community navigation for an inner city, underserved population. In summary, I am passionate about the care and advancement in the early detection, prevention and treatment of breast cancer. In my new role returning to Keck Medicine of USC and desire to expand my research in genetics and genomics, I feel that I am a great fit with Norris Cancer Center. I have the expertise, leadership, training and motivation to continue my work in the genetics and genomics of breast cancer with you.

B. Positions, Scientific Appointments and Honors

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|----------------|--|
| 2023 – current | Member, American Cancer Society Breast Cancer Roundtable Workgroup for Risk Reduction, Screening and Early Detection |
| 2022 – current | Associate Professor of Clinical Surgery, Keck Medicine of USC, Los Angeles, CA |
| 2022 – current | Director of Breast Health Keck Medicine of USC at Henry Mayo Hospital/Santa Clarita Valley, Santa Clarita, CA |
| 2022 – current | Associate Professor of Surgery, University of Southern California, Los Angeles, CA |
| 2021 – 2022 | Member, Academic Surgical Chairperson Search Committee, Drexel University College of Medicine, Philadelphia, PA |
| 2020 – 2022 | Member, Executive Committee of Faculty, Drexel University College of Medicine, Philadelphia, PA |
| 2020 – 2022 | Member, College of Medicine Steering Committee, Drexel University College of Medicine Philadelphia, PA |
| 2019 – 2022 | Regional Director of Breast Services, Tower Health at Chestnut Hill Hospital, Philadelphia, PA |
| 2018 | Advisor for a vision in oncology care and the patient experience: Council for Growth, Philadelphia Chamber of Commerce, Philadelphia, PA |
| 2017 – 2019 | Co-Principal Investigator, Breast Organoid IRB/Lab, Drexel University College of Medicine, Philadelphia, PA. |
| 2017 – 2019 | Founder, Director of Breast High Risk Clinic, Drexel University College of Medicine, Philadelphia, PA |
| 2016 – 2022 | Assistant Professor of Surgery, Drexel University College of Medicine, Philadelphia, PA PA |
| 2016 – 2019 | Member, Drexel University Women's Health Task Force, Drexel University College of Medicine, Philadelphia, PA |
| 2016 – 2019 | Principal Investigator, Healthy Women's Breast Screening Program, Drexel University College of Medicine, Philadelphia, PA |
| | Services, Southampton, PA |
| 2016 – 2019 | Director of Breast Health, Drexel University College of Medicine at Hahnemann University Hospital and Chestnut Hill Hospital, Philadelphia, PA |
| 2013 – 2016 | Attending Comprehensive Breast Care Surgeons, Holy Redeemer Physician and Ambulatory Services, Southampton, PA |
| 2012 – 2013 | Surgical Breast Oncology Fellow, Keck Medicine of USC, LAC+USC Medical Center, Los Angeles, CA Hoag Hospital, Newport Beach, CA |
| 2011 – 2012 | Academic Chief Surgical Resident, Einstein Medical Center, Philadelphia, PA |
| 2012 – 2013 | Clinical Instructor, Department of Surgery, Keck School of Medicine of USC, Los Angeles, CA |
| 2006 – 2007 | Research Assistant, Department of ENT and Urology, Albany Medical Center, Albany, NY |
| 2005 – 2006 | Researcher EXIT Procedure, Department of Surgery, Albany Medical Center, Albany, NY |
| 2004 | Research Assistant/Editor Department of Emergency Medicine, University of Puerto Rico, Carolina, Puerto Rico |

Awards

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|-------------|---|
| 2023 | Keck Community Benefit Outreach Grant Recipient. Keck Medicine of USC |
| 2019 | Komen Philadelphia Screening Treatment Grant Recipient Susan G. Komen Organization, Philadelphia, PA |
| 2018 | Komen Philadelphia Screening Treatment Grant Recipient Susan G. Komen Organization, Philadelphia, PA |
| 2017 | Komen Philadelphia Navigation/Education Grant Recipient Susan G. Komen Organization, Philadelphia, PA |
| 2011 | Day of Trauma – Top Presentation Drexel University/Hahnemann Hospital, Philadelphia, PA |
| 2007 | Urological Institute of Northeastern New York Award Albany Medical College, Albany, NY |
| 2005 – 2007 | Carolyn Fisk-Kennedy Alumni Scholarship for Women Albany Medical College, Albany, NY |
| 2002 | Biopsychology Student of the Year Grand Valley State University, Allendale, MI |

C. Contributions to Science

1. Most recently, I have focused on community genetic screening and the potential impact of such a program. We are actively writing articles to show the importance of the multidisciplinary approach but have presented an early abstract based on our findings.
 - E. Welker MD, K. Kramme DO, O.A. Raicu MD, M. Nelson MD, S. Sener MD, E. Siegel MD, A. Carr MD, F. Ito MD, A. Date MD, A. Woodworth MD. Potential Clinical Utilization and Downstream Revenue of a Community Breast High-Risk/Genetics Screening Program: A 28-Month Experience. Proceedings 32nd Annual Meeting of the National Consortium of Breast Centers.
2. I have been fortunate to have been Fellowship-trained in Oncoplastic surgery and continue to teach this on the local level and national level most recently at the American Society of Breast Surgeons National Meeting as Faculty. ASBrS. My patients benefit from this on a daily basis and I have had the opportunity to apply this a broader patient population including pediatrics.
 - Schwartz J, Lentini A, Woodworth A, Borderline Malignant Phyllodes Tumor in a 12-Year-Old: Applying Oncoplastic Principles to Adolescents. Am Surg. May 1;85(5):e252-e253, 2019. PMID 31126380.
 - Schwartz J, Lentini A, Woodworth A, Borderline Malignant Phyllodes Tumor in a 12 year old: Applying Oncoplastic Principles to Adolescents. Proceedings London Breast Meeting, Royal College of Physicians, 2018.
 - Kopkash K, Wehner P, Woodworth A, Savalia N, Silverstein MJ, A Comparison of Breast Conservation Methods: Ellipse versus Reduction. Proceedings 14th Annual Meeting of the American Society of Breast Surgeons, 2013, p 71, Abstract # 21.
3. I am honored to currently serve on the American Cancer Society Breast Cancer Roundtable Risk Reduction, Screening and Early Detection Priority Workgroup. I firmly believe that having set guidelines and modalities in place can improve patient care, reduce disparities and better address treatment for breast cancer. Some of my earlier abstracts looked at improving patient safety and treating breast cancers based on guidelines.
 - Woodworth A, Wehner P, Kopkash K, Levine G, Silverstein MJ. Increasing Patient Safety and Professional Communication with Flight Plans. Proceedings 14th Annual Meeting of the American Society of Breast Surgeons, 2013, P 118, Abstract # 130.
 - Wehner P, Kopkash K, Woodworth A, Lagios MD, Silverstein MJ, DCIS Treated with Excision Alone Using the National Comprehensive Cancer Network (NCCN) Guidelines. 14th Annual Meeting of the American Society of Breast Surgeons, 2013. P 7, Abstract #80.
4. I tend to focus my research interests on the population that I am surrounded by. In Philadelphia, we had a large, underserved population with triple negative breast cancers. The Organoid lab that I was co-PI on with Mauricio Reginato specifically looked at these cancers and worked to grow them in the lab. An example of one of these very aggressive cancers was reported by my team in a pregnant patient.
 - Popnikolov N, Brzezinska K, Platoff RM, Binnebose R, Rothstein-Rubin R, Komarnicky LT, Woodworth. Upregulation of Prolactin Receptor Expression and Activation of Prolactin Signaling in an Aggressive Triple-Negative Breast Carcinoma During Pregnancy: A Case Report . Clin Breast Cancer. 2020 Oct;20(5):e529-e539.

