

BIOGRAPHICAL SKETCH

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NAME Armando E. Giuliano, MD	POSITION TITLE Executive Vice Chair, Surgery		
eRA COMMONS USER NAME (credential, e.g., agency login)	Associate Director, Surgical Oncology Cedars-Sinai Medical Center		
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	MM/YY	FIELD OF STUDY
Fordham University, New York	BA	6/69	Pre-Medicine
University of Chicago, Illinois	MD	6/73	Medicine
University of California – San Francisco	Residency	6/76	Surgery
University of California – Los Angeles	Fellowship	6/78	Surgical Oncology and Tumor Immunology
University of California – San Francisco	Residency	6/80	Surgery

A. Personal Statement

I have over thirty years' experience and interest in cancer research and have been involved on the national and international level in clinical and translational research.

B. Positions and Honors**Positions**

1988 – 1991	Assistant Dean, Office of Student Affairs, UCLA School of Medicine, Los Angeles
1990 – 1991	Professor of Surgery, University of California, Los Angeles
1991 – 2011	Clinical Professor, Department of Surgery, UCLA School of Medicine
1991 – 2011	Chief, Surgical Oncology, John Wayne Cancer Institute (JWCI), Santa Monica, CA
1993 – 2011	Director of Breast and Endocrine Program and Director of the Breast Center, JWCI
2006 – 2011	Chief, Science and Medicine, JWCI
2011 – pres	Executive Vice Chair of Surgery, Department of Surgery, Cedars-Sinai Medical Center (CSMC)
2011 – pres	Associate Director, Surgical Oncology, Samuel Oschin Comprehensive Cancer Institute, CSMC
2011 – pres	Program Director, Cedars-Sinai Medical Center Breast Oncology Fellowship
2012 – pres	Program Director, Cedars-Sinai Medical Center Complex Surgical Oncology Fellowship

Other Professional Committee Participation and Memberships

1998-2003	Executive Committee, American College of Surgeons – Oncology Group
1998-2003	Chair, Breast Organ Site Committee, American College of Surgeons – Oncology Group
2005	Consultant, Center for Drug Evaluation and Research, Food and Drug Administration
2005	Member, Oncologic Drugs Advisory Committee, Food and Drug Administration
2003-2011	Chairman, Breast Fellowship Program Directors Committee Society of Surgical Oncology
10/2009-pres	Member, Board of Persian American Cancer Institute (PACI)
2011-2013	President, International Sentinel Node Society
2013-present	Secretary, Society of Surgical Oncology
2013-present	Chair, Membership Committee, Society of Surgical Oncology
2014	American College of Surgeons Board of Governors

Honors

1991	Golden Scalpel Award for Teaching Excellence, Department of Surgery, UCLA School of Medicine
1996	Three M. Tyler Award for Outstanding Service
1996	Pathbreaker Award, The National Alliance of Breast Cancer Organizations
1997	The Best of the Best 1997 - Archives of Surgery
2001	Classic Papers - Journal of Clinical Oncology
2004	Maurice D. and Lois Schwartz Humanitarian Award, Center for Healthy Aging
2004	Outstanding Medical Advances in Breast Cancer - Sentinel Node Biopsy for Breast Cancer National Summit on Breast Cancer
2005	Fellowship ad hominem of the Royal College of Surgeons of Edinburgh
2008	Umberto Veronesi Award - International recognition of contributions to the field of breast cancer
2009	Honorary Member of the Brazilian Society of Surgical Oncology
2011	Glenn-Robbins Award, New York Metropolitan Breast Cancer Group, New York, NY
2011	Castle Connolly 2011 National Physician of the Year Award for Clinical Excellence
2011	Lynn Sage Distinguished Lecturer
2013	Society of Surgical Oncology James Ewing Lecturer
2014	American Society of Breast Surgeons, Keynote Address

C. Peer-reviewed Publications (Selected from 285 total peer-reviewed publications)

1. Asaga S, Kuo C, Nguyen T, Terpenning M, Giuliano AE, Hoon DSB . Direct serum assay for microRNA-21 concentrations in early and advanced breast cancer. *Clin Chem* 57(1): 84-91, 2011.
2. Jensen JA, Orringer JS, Giuliano AE. Nipple-sparing mastectomy in 99 patients with a mean follow-up of five years. *Ann Surg Oncol* 18(6): 1665-70, 2011.
3. Feldman S, Krishnamurthy S, Gillanders W, Gittleman M, Beitsch PD, Young PR, Streck CJ, Whitworth PW, Levine EA, Boolbol S, Han LK, Hermann R, Hoon DSB, Giuliano AE, Meric-Bernstam F. A novel automated assay for rapid identification of metastatic breast carcinoma in sentinel lymph nodes. *Cancer* 117(12) 2599-2607, 2011.
4. Bagaria SP, Shamonki J, Kinnaird M, Ray PS, Giuliano AE. The florid subtype of lobular carcinoma in situ: marker or precursor for invasive lobular carcinoma? *Ann Surg Oncol.* 18(7):1845-51, 2011.
5. Giuliano AE, Hunt KK, Ballman KV, Beitsch PD, Whitworth PW, Blumencranz PW, Leitch AM, Saha S, McCall LM, Morrow M. Axillary dissection vs. no axillary dissection in women with invasive breast cancer and sentinel node metastasis – a randomized clinical trial. *JAMA* 305(6):569-75, comment 606-7, 2011.
6. Ray PS, Bagaria SP, Wang J, Shamonki JM, Ye X, Sim MS, Steen S, Qu Y, Cui X, Giuliano AE. Basal-Like breast cancer defined by FOXC1 expression offers superior prognostic value: A retrospective immunohistochemical study. *Ann Surg Oncol.* 18(13):3839-47, 2011. Epub 2011 Mar 18.
7. van Hoesel AQ, van de Velde CJ, Kuppen PJ, Putter H, de Kruijf EM, van Nes JG, Giuliano AE, Hoon DS. Primary tumor classification according to methylation pattern is prognostic in patients with early stage ER-negative breast cancer. *Breast Cancer Res Treat.* 131(3):859-69, 2012. Epub 2011 Apr 11.
8. Liu YY, Patwardhan GA, Xie P, Gu X, Giuliano AE, Cabot MC. Glucosylceramide synthase, a factor in modulating drug resistance, is overexpressed in metastatic breast carcinoma. *Int J Oncol.* 39(2):425-31, 2011.
9. Giuliano AE, Hawes D, Ballman KV, Whitworth PW, Blumencranz PW, Reintgen DS, Morrow M, Leitch AM, Hunt KK, McCall LM, Abati A, Cote R. Association of occult metastases in sentinel lymph nodes and bone marrow with survival among women with early-stage invasive breast cancer. *JAMA* 306(4): 385-93, 2011.
10. Giuliano AE, Han SH. Local and regional control in breast cancer: Role of sentinel node biopsy. *Adv Surg* 45:101-116, 2011.
11. Van Hoesel AQ, van de Velde CJ, Kuppen PJ, Liefers GJ, Putter H, Sato Y, Elashoff DA, Turner RR, Shamonki JM, de Kruijf EM, van Nes JG, Giuliano AE, Hoon DS. Hypomethylation of LINE-1 in primary tumor has poor prognosis in young breast cancer patients: a retrospective cohort study. *Breast Cancer Res Treat.* 134:1103-1114, 2012.

12. Chung A, Huynh K, Kidner T, Mirzadehgan P, Sim MS, Giuliano AE. Comparison of outcomes of breast conserving therapy in multifocal and unifocal invasive breast cancer. *J Am Coll Surg.* 215(1):137-46, 2012.
13. Hunt KK, Ballman KV, McCall LM, Boughey JC, Mittendorf EA, Cox CE, Whitworth PW, Beitsch PD, Leitch AM, Buchholz TA, Morrow MA, Giuliano AE. Factors associated with local-regional recurrence after a negative sentinel node dissection: results of the ACOSOG Z0010 trial. *Ann Surg.* 2012 Sep;256(3):428-36.
14. Kapoor N, Sim MS, Lin J, Giuliano A. Long-term outcome of patients managed with sentinel lymph node biopsy alone for node-negative invasive breast cancer. *Arch Surg.* 147(11): 1047-52, 2012.
15. Jensen JA, Lin JH, Kapoor N, Giuliano AE. Surgical delay of the nipple-areolar complex: A powerful technique to maximize nipple viability following nipple-sparing mastectomy. *Ann Surg Oncol* 19(10):3171-6, 2012.
16. Steen S, Chung A, Han SH, Vinstein A, Yoon JL, Giuliano AE. Predicting nipple-areolar involvement using preoperative breast MRI and primary tumor characteristics. *Ann Surg Oncol* 20(2):633-9, 2012.
17. Giuliano AE, Morrow M, Duggal S, Julian TB. Should ACOSOG Z0011 change practice with respect to axillary lymph node dissection for a positive sentinel lymph node biopsy in breast cancer? *Clin Exp Metastasis* 29(7): 687-692, 2012.
18. Kapoor N, Huynh K, Chung A, Giuliano A. Preliminary results: Double lumpectomies for multicentric breast carcinoma. *Am Surg.* 78(12):1345-8, 2012.
19. Kapoor NS, Shamonki J, Sim MS, Chung CT, Giuliano AE. Impact of multifocality and lymph node metastasis on the prognosis and management of microinvasive breast cancer. *Ann Surg Oncol.* 20(8): 2576-81, 2013.
20. Van Hoesel AQ, Sato Y, Elashoff DA, Turner RR, Giuliano AE, et al. Assessment of DNA methylation status in early stages of breast cancer development. *Br J Cancer* 108(10):2033-8, 2013.
21. Chung A, Cui X, Audeh W, Giuliano A. Current status of anti-human epidermal growth factor receptor 2 therapies: predicting and overcoming Herceptin resistance. *Clin Breast Cancer* 13(4):223-32, 2013.
22. Kapoor NS, Shamonki J, Sim MS, Chung CT, Giuliano AE. Impact of multifocality and lymph node metastasis on the prognosis and management of microinvasive breast cancer. *Ann Surg Oncol.* 20(8): 2576-81, 2013.
23. Shamonki J, Chung A, Huynh KT, Lawrence C, Sim MS, Kinnaird M, Giuliano A. Management of papillary lesions of the breast: Can larger core needle biopsy samples identify patients who may avoid surgical excision? *Ann Surg Oncol.* 20(13): 4137-4144, 2013.
24. Bagaria SP, Ray, PS, Sim MS, Ye X, Shamonki JM, Cui X, Giuliano AE. Personalizing breast cancer staging by the inclusion of ER, PR, and HER2. *JAMA Surgery* 149(2): 125-9, 2014.
25. Gangi A, Chung A, Mirocha J, Liou DZ, Leong T, Giuliano AE. Breast-conserving therapy for triple-negative breast cancer. *JAMA Surg.* 149(3): 252-8, 2014.
26. Moran MS, Schnitt SJ, Giuliano AE, Harris JR, Khan SA, Horotn J, Klimberg S, Cha vez-Macgregor M, Freedman G, Houssami N, Johnson PL, Morrow M. Society of Surgical Oncology-American Society for Radiation Oncology consensus guideline on margins for breast-conserving surgery with whole-breast irradiation in Stages I and II invasive breast cancer. *Intl J Radiat Oncol Biol Phys.* 88(3):553-64, 2014.
27. Lyman GH, Temin S, Edge SB, Newman LA, Turner RR, Weaver DI, Benson AB 4rd, Bosserman LD, Burstein JH, Cody H 3rd, Hayman J, Perkins CL, Podoloff DA, Giuliano AE. Sentinel lymph node biopsy for patients with early-stage breast cancer: American Society of Clinical Oncology clinical practice guideline update. *J Clin Oncol.* May 1;32(13):1365-83, 2014.
28. Harness JK, Giuliano AE Pockaj BA, Downs-Kelley EA. Margins — A Status Report from the Annual Meeting of The American Society of Breast Surgeons. *Ann Surg Oncol* 21:3192-3197, 2014.
29. Gangi A, Essner R, Giuliano AE. Long-term clinical impact of sentinel lymph node biopsy in breast cancer and cutaneous melanoma. *Q J Nucl Med Mol Imaging* 58(2):95-104, 2014.
30. Manca G, Volterrani D, Mazzarri S, Duce V, Svirydenka A, Giuliano A, Mariani G. Sentinel lymph node mapping in breast cancer: a critical reappraisal of internal mammary chain issue. *Q J Nucl Med Mol Imaging* 58(2):114-26, 2014.
31. Noori SF, Gangi A, Nelson ME, Choi M, Mirzadehgan P, Bonk AK, Mirocha J, Amersi F, Giuliano AE. Comparison of nodal metastasis between BRCA mutation carriers and non-BRCA mutation carriers with breast cancer. *Ann Surg Oncol* 21(10):3324-9, 2014.

32. Gangi A, Mirocha J, Leong T, Giuliano AE. Triple-negative breast cancer is not associated with increased likelihood of nodal metastases. *Ann Surg Oncol.* 21(13):4098-103, 2014.
33. Jagsi R, Cadha M, Moni J, Ballman K, Laurie F, Bucholz T, Giuliano A, Haffty B. Radiation field design in the ACOSOG Z0011 (Alliance) Trial. *J Clin Oncol.* 32(32):3600-6, 2014.
34. Jin Y, Han B, Chen J, Wiedemeyer R, Orsulic S, Bose S, Zhang X, Karlan BY, Giuliano AE, Cui Y, Cui X. FOXC1 is a critical mediator of EGFR function in human basallike breast cancer. *Ann Surg Oncol* 21 Suppl 4:758-66, 2014.
35. Gangi A. Sentinel node biopsy and improved patient care. *Breast J.* 21(1):27-31, 2015. Epub 2014 Dec 26.

D. Research Support

n/a	A.E. Giuliano (PI)	8/1/2014 – 7/31/2019
Margie and Robert E. Petersen Foundation		
Margie Petersen Breast Cancer Research Laboratory		
Tissue banking of primary breast cancer cells		
Role: Principal Investigator		
n/a	A.E. Giuliano (PI)	12/1/2014 – 11/30/2019
Margie and Robert E. Petersen Foundation		
Margie Petersen Breast Cancer Research Fund - GRF		
Laboratory studies of breast cancer genomics		
Role: Principal Investigator		
02-2014-063	X. Cui (PI)	9/01/14 -8/31/16
Avon Foundation		
A Critical Regulator of BRCA1-Mutant Breast Cancer		
The major goal of this project is to determine whether FOXC1 mediates the effects of BRCA1 mutations on breast cancer cell function and whether FOXC1 levels correlate with the clinical outcome and basal-like phenotype of BRCA1-mutant breast cancer.		
Role: Co-Investigator		