



Theresa Keegan, Ph.D., M.S.

Research/Academic Interests

Dr. Keegan is a cancer epidemiologist with primary research interests in studies of cancer surveillance, cancer outcomes and cancer survivorship. She has worked extensively with population-based cancer registry data to understand patterns of cancer incidence, treatment and survival, and been involved with multiple studies examining patient experiences with cancer and patient-reported outcomes after cancer diagnosis.

Title Professor

Specialty Cancer Epidemiology, Cancer Survivorship

Department [Internal Medicine](#)

Division Hematology and Oncology

Center/Program Affiliation [UC Davis Comprehensive Cancer Center](#)

Additional Phone Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Education M.S., Wellness Management, Ball State University, Muncie IN 1999
Ph.D., Epidemiology, Stanford University School of Medicine, Stanford CA 2003
B.S., UC Davis, Davis CA 1996

Professional Memberships

American Association for Cancer Research (AACR)
American Society of Clinical Oncology (ASCO)
American Society of Hematology (ASH)
Children's Oncology Group Hodgkin Lymphoma Committee and Outcomes and Health Services Working Group
Faculty of the Lymphoma Research Foundation's inaugural 2019 Adolescent and Young Adult (AYA) Lymphoma Consortium Scientific Workshop
OptumLabs Cancer Research Collaborative (OptumLabs and American Cancer Society)

Honors and Awards

Dr. Anthony F. Phillips Research Award, UC Davis Children's Hospital, Children's Miracle Network. Grant awarded highest score. Recognition of the importance of research on children, adolescents and young adults with acute leukemia in California, 2016, 2017, 2018
Internal Medicine Mentor Research Award (Gwen Ho), UC Davis Department of Internal Medicine. Research mentoring. Department recognition of mentored research project on early mortality and location of care in acute myeloid leukemia, 2017
The Steven G. AYA Cancer Research Fund. Poster presentation award. Conference recognition of importance of research on sociodemographic disparities in survival for adolescents and young



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adults, 2015

Invited Participant, Student Workshop of the Society for Epidemiological Research, Palm Springs CA, 2002

Pre-Doctoral Traineeship in Musculoskeletal Epidemiology, National Institutes of Health (awarded to Program in Epidemiology, School of Medicine, Stanford University, Stanford, CA), 1999, 2000, 2001, 2002, 2003

Phi Sigma Honor Society for research and academic excellence in Biological Sciences, UC Davis, 1996

Peer Counselors in Athletics Community Service Award, UC Davis, 1996

Physiology Departmental Citation, UC Davis, 1996

Susan F. Regan Award for Campus and Community Service, UC Davis, 1996

Annual Fund Academic Scholarship, UC Davis, 1995

Students First Academic Scholarship, UC Davis, 1992

Select Recent Publications

To view Dr. Keegan's publications, please click [here](#).

Alvarez E, Malogolowkin M, Pollock BH, Li Q, Johnston E, Marina N, Wun T, Thorpe S, Keegan T. Impact of location of inpatient cancer care on patients with Ewing sarcoma and osteosarcoma-A population-based study. *Pediatr Blood Cancer*. 2021 Jul;68(7):e28998. doi:10.1002/pbc.28998. Epub 2021 Mar 15. PMID:33720485.

John EM, McGuire V, Kurian AW, Koo J, Shariff-Marco S, Gomez SL, Cheng I, Keegan THM, Kwan ML, Bernstein L, Vigen C, Wu AH. Racial/Ethnic Disparities in Survival after Breast Cancer Diagnosis by Estrogen and Progesterone Receptor Status: A Pooled Analysis. *Cancer Epidemiol Biomarkers Prev*. 2021 Feb;30(2):351-363. doi:10.1158/1055-9965.EPI-20-1291. Epub 2020 Dec 18. PMID:33355191.

Klapheke AK, Keegan THM, Ruskin R, Cress RD. Depressive symptoms and health-related quality of life in older women with gynecologic Cancers. *J Geriatr Oncol*. 2020 Jun;11(5):820-827. doi: 10.1016/j.jgo.2019.10.001. Epub 2019 Oct 25. PMID:31668948.

Muffly L, Maguire FB, Li Q, Kennedy V, Keegan TH. Late Effects in Survivors of Adolescent and



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Young Adult Acute Lymphoblastic Leukemia. *JNCI Cancer Spectr.* 2020 Apr 2;4(4):pkaa025. doi: 10.1093/jncics/pkaa025. PMID:32704618.

Ho G, Brunson A, Keegan THM, Wun T. Splenectomy and the incidence of venous thromboembolism and sepsis in patients with autoimmune hemolytic anemia. *Blood Cells Mol Dis.* 2020 Mar;81:102388. doi:10.1016/j.bcmd.2019.102388. Epub 2019 Nov 28. PMID:31805473.

Klapheke AK, Keegan THM, Ruskin R, Cress RD. Changes in health-related quality of life in older women after diagnosis with gynecologic cancer. *Gynecol Oncol.* 2020 Feb;156(2):475-481. doi: 10.1016/j.ygyno.2019.11.033. Epub 2019 Dec 2. PMID:31806400.

Keegan THM, Parsons HM, Chen Y, Maguire FB, Morris CR, Parikh-Patel A, Kizer KW, Wun T. Impact of Health Insurance on Stage at Cancer Diagnosis Among Adolescents and Young Adults. *J Natl Cancer Inst.* 2019 Nov 1;111(11):1152-1160. doi:10.1093/jnci/djz039. PMID:30937440 PMCID:PMC6855930.

Brunson A, Keegan T, Mahajan A, White R, Wun T. High incidence of venous thromboembolism recurrence in patients with sickle cell disease. *Am J Hematol.* 2019 Aug;94(8):862-870. doi: 10.1002/ajh.25508. Epub 2019 Jun 12. PMID:31074115 PMCID:PMC6876692.

Muffly L, Li Q, Alvarez E, Kahn J, Winestone L, Cress R, Penn DC, Keegan THM. Hematopoietic Cell Transplantation in Young Adult Acute Lymphoblastic Leukemia: A United States Population-Level Analysis. *J Adolesc Young Adult Oncol.* 2019 Jun;8(3):254-261. doi:10.1089/jayao.2018.0140. Epub 2019 Jan 18. PMID:30657424 PMCID:PMC6588119.

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