

Team Name: Data Miners

Person name: Dr. Douglas W. Blayney, MD, FACP Medical Oncologist, Cancer specialist

Photo:



Location: Stanford University of Medical Center, California, United States

Background:

Douglas W. Blayney, MD is a Professor of Medicine (Oncology) Stanford, former Medical Director of Stanford Cancer Center, and specializes in the treatment of breast cancer. Dr. Blayney is a past president of the American Society of Clinical Oncology (ASCO), a founder of the ASCO Quality Symposium, and co-author of the ASCO value framework descriptions. He received the inaugural Ellen Stovall Award for Leadership in Patient Centered Care from the National Coalition for Cancer Survivorship in 2016. He was previously a Professor of Internal Medicine and Medical Director of the Comprehensive Cancer Center at the University of Michigan, and prior to that practiced and led Wilshire Oncology Medical Group, Inc. a physician owned multidisciplinary oncology practice in southern California. He has expertise on clinical trial development, use of oncology drugs in clinical practice, reimbursement and marketing strategies and information technology use.

Dr. Blayney's research interests include breast cancer, febrile neutropenia mitigation, the use of electronic technology to enhance medical practice, and he has over 70 scientific publications. He has served on the Food and Drug Administration's Oncologic Drugs Advisory Committee, and is Founding Editor-in-Chief and Editor-in-Chief Emeritus of ASCO's Journal of Oncology Practice. He has a degree in electrical engineering from Stanford, is a graduate of the University of California, San Diego School of Medicine, and received post graduate training at UCSD and

at the National Cancer Institute in Bethesda, Maryland.

He is married, and has three grown daughters, one of whom is also a physician.

Technology background:

Experienced in building an information infrastructure to support health care delivery, consumer health, quality measurement and improvement, public accountability, clinical and health services research, and clinical education.

Professional Education background:

- Residency: University of California San Diego School of Medicine (1980) CA
- Fellowship: National Cancer Institute - Center Cancer Research (1983) MD
- Medical Education: UC San Diego School of Medicine (1977) CA
- Board Certification: Medical Oncology, American Board of Internal Medicine (1983)
- Board Certification: Internal Medicine, American Board of Internal Medicine (1980)
- Fellowship, Medicine Branch, National Cancer Institute, Bethesda, Maryland (1983)
- Fellowship, Environmental Epidemiology Branch, National Cancer Institute, Bethesda, Maryland (1983)
- Resident, University of California Hospitals, San Diego (1980)
- M.D., University of California, San Diego (1977)
- B.S.E.E., Stanford University (1972)

Profession/job: Doctor/Professor

Practice Areas:

- Cervical Cancer
- Chemotherapy
- Gestational Trophoblastic Disease
- Hereditary Breast Ovarian Cancer Syndrome
- Laparoscopy
- Ovarian, Fallopian Tube and Peritoneal Cancer
- Uterine Cancer
- Vaginal Cancer
- Vulvar Cancer

Honors and Awards:

- Best Doctors in America, . (2007 - current)
- Fellow, American College of Physicians (1991)
- Fellow, American Society of Clinical Oncology (2007)
- President, American Society of Clinical Oncology (2009-10)

- The Ellen Stovall Award for Leadership in Patient-Centered Care, National Coalition for Cancer Survivorship (October 13, 2016)

Administrative Appointments:

- Medical Director, University of Michigan Comprehensive Cancer Center (2003 - 2010)
- Medical Director, Stanford Cancer Center (2010 - 2015)
- Medical Director for Quality and Outreach, Stanford Cancer Institute (2015 - Present)
- President, Wilshire Oncology Medical Group, Inc. (1996 - 2003)

Values:

- Bring high-quality care to patients within surrounding communities.
- Deliver outstanding and leading-edge care.
- Increase awareness of the cause of deaths in the community and conduct various health programs to prevent or reduce them in future.

Interests:

- Quality and value of cancer care
- Research interests include breast cancer, febrile neutropenia mitigation, the use of electronic technology to enhance medical practice

Publications:

- [Expansion of cancer care and control in countries of low and middle income: a call to action](#)
Farmer, P., Frenk, J., Knaul, F. M., Shulman, L. N., Alleyne, G., Armstrong, L., ... Seffrin, J. R. (2010). Expansion of cancer care and control in countries of low and middle income: a call to action. *LANCET*, 376(9747), 1186–1193.
- [The registry case finding engine: An automated tool to identify cancer cases from unstructured, free-text pathology reports and clinical notes.](#)
Hanauer, D. A., Miela, G., Chinnaiyan, A. M., Chang, A. E., & Blayney, D. W. (2007). The registry case finding engine: An automated tool to identify cancer cases from unstructured, free-text pathology reports and clinical notes. *JOURNAL OF THE AMERICAN COLLEGE OF SURGEONS*, 205(5), 690–697.
- [American Society of Clinical Oncology Identifies Five Key Opportunities to Improve Care and Reduce Costs: The Top Five List for Oncology](#) Schnipper, L. E., Smith, T. J., Raghavan, D., Blayney, D. W., Ganz, P. A., Mulvey, T. M., & Wollins, D. S. (2012). American Society of Clinical Oncology Identifies Five Key Opportunities to Improve Care and Reduce Costs: The Top Five List for Oncology. *JOURNAL OF CLINICAL ONCOLOGY*, 30(14), 1715–1724.

Concerns:

The increase in number of deaths due to cancer in California.

Challenges:

- Specialized expertise in treating all types of cancer from early to advanced stages
- Team-based approach to diagnosis and treatment for seamless, coordinated care with all cancer specialists under one roof.

Aims & goals:

- Easy access to imaging services, outpatient radiation and infusion therapy, and other services in multiple locations
- Comprehensive support services to help people focus on health and healing.

Topic knowledge:

Expert level knowledge in cancer related information. The data visualization conducted by Data Miners will give him an idea on the statistics of death rates all over the United States. This can help him interact with the states which recorded lower deaths in cancer and conduct various programs in California to decrease the death rates.

References

Stanford Health Care. (n.d.). *Stanford Health Care*. From stanfordhealthcare.org:
<https://stanfordhealthcare.org/doctors/b/douglas-blayne.html#summary-content>