

Hematology-Oncology Fellowship Research

Kaiser Permanente San Francisco Cancer Center

<https://www.youtube.com/watch?v=8CEfGhk0uns&t=1s>

Hematology-Oncology Research Committee:

Michael Bookman, MD

Andrea Harzstark, MD

Raymond Liu, MD

Report date: Jan 2026

Kaiser Permanente Northern California Cancer Care

Current State

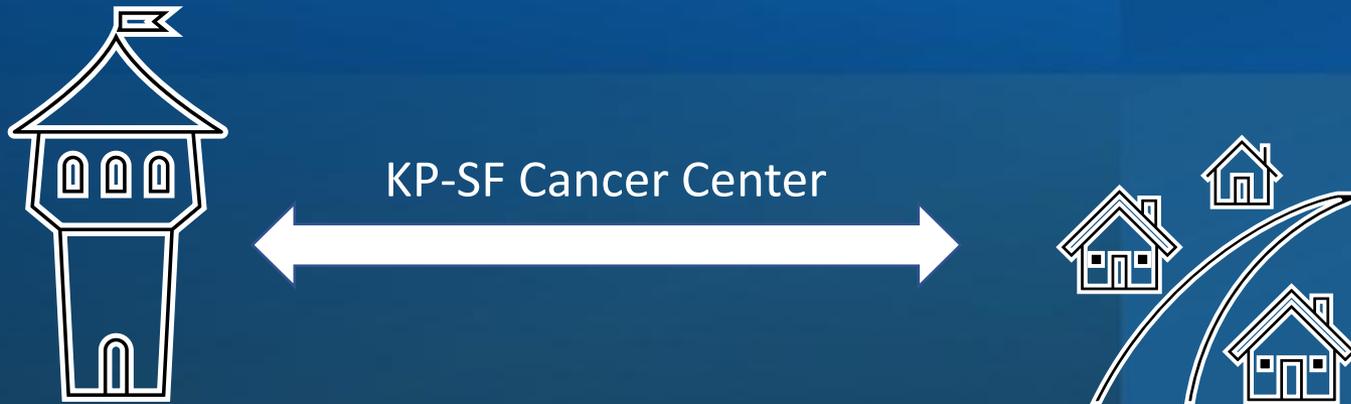
- 4.6 million members
- 21 cancer centers
- NCORP + NCTN trials
- **Physician-led Integrated Health Care System: Value-based care**

KPSFO highlights:

- Hematology-Oncology Training Program, KP-SFO
- Clinical Trials Program
- ASCO Quality Training Program
- PCP-ONC CARES program



Bridging the gap between ivory tower and communities



Gomez et al. *BMC Cancer* (2015) 15:688
DOI 10.1186/s12885-015-1696-9



RESEARCH ARTICLE

Open Access

Representativeness of breast cancer cases in an integrated health care delivery system



Scarlett Lin Gomez^{1,3*}, Salma Shariff-Marco^{1,3}, Julie Von Behren², Marilyn L. Kwan⁴, Candyce H. Kroenke⁴, Theresa H. M. Keegan^{1,3}, Peggy Reynolds^{2,3} and Lawrence H. Kushi⁴

THE PERMANENTE JOURNAL

Representativeness of Patients With Lung Cancer in an Integrated Health Care Delivery System

Mike Z Yang, MD, Raymond Liu, MD , Julie Von Behren, MPH, Katherine Lin, MPH, Alyce S Adams, PhD, Lawrence H Kushi, ScD, Charles P Quesenberry, Jr, PhD, ... SHOW ALL ..., and Lori C Sakoda, PhD, MPH  | [AUTHORS INFO &](#)

“Although much of clinical research discoveries are based in academic medical centers, patients from large, integrated medical centers [Kaiser Permanente] are likely more representative of the underlying population, providing support for **the generalizability of cancer research** based on electronic data from these centers.”

Equity gap

Influence of Health Care Systems on Mortality in Adult Patients With Cancer

May 13, 2021

Robert M. Cooper, MD, Joanie Chung, MPH, Tiffany Hogan, MD, Reina Haque, PhD, MPH

The American Journal of Managed Care, May 2021, Volume 27, Issue 5

TABLE 3. Overall and Adjusted HRs for Mortality and Health Care System by Race/Ethnicity

	Overall		Adjusted ^a	
	HR	95% CI	HR	95% CI
Non-Hispanic White				
KPSC	1.00	Ref	1.00	Ref
OPI	1.09	(1.06-1.12)	1.08	(1.05-1.11)
African American/Black				
KPSC	1.00	Ref	1.00	Ref
OPI	1.21	(1.13-1.29)	1.14	(1.06-1.21)
Hispanic				
KPSC	1.00	Ref	1.00	Ref
OPI	1.47	(1.39-1.55)	1.23	(1.16-1.30)
Asian/Pacific Islander				
KPSC	1.00	Ref	1.00	Ref
OPI	1.17	(1.08-1.26)	1.06	(0.98-1.14)

KPSC, Kaiser Permanente Southern California; OPI, other private insurance; ref, reference.

^aAdjusted for age and stage at diagnosis, sex, year of diagnosis, anatomic cancer site, primary cancer therapy (surgery), adjuvant therapy (receipt of chemotherapy, radiation therapy, and/or hormonal therapy), socioeconomic status, and county of residence.

“Among insured patients with cancer in southern California, those diagnosed within Kaiser Permanente Southern California had lower overall mortality compared with the (other private insurance) group. Furthermore, this **protective effect** was greatest for African American / Black patients and Hispanic patients”

Quality Focus

ASCO QUALITY TRAINING PROGRAM ALUMNI INTEGRATE QUALITY IMPROVEMENT INTO FELLOWSHIP PROGRAM



DR. LIU

Driven by their passion for quality improvement, Raymond Liu, MD, and Jed A. Katzel, MD, of Kaiser Permanente San Francisco Medical Center, successfully integrated quality training into their institution's hematology and oncology fellowship training program, and achieved extremely impactful results.

Kaiser Permanente started its Hematology Oncology Fellowship Program in 2019. As graduates of ASCO's Quality Training Program (QTP), Dr. Katzel and Dr. Liu saw the opportunity to get the first fellowship class involved in QTP, with the collaboration of Kaiser colleagues in ASCO QTP leadership positions, including Piyush Srivastava, MD.

ASCO's QTP guides teams of two to five people from oncology practices through a complete quality improvement (QI) project while providing coaching, training, and resources. QTP uses a data-driven method to identify site-specific improvement opportunities. Once an issue is identified, the teams work with ASCO experts over a 6-month period to complete the quality improvement project.

"Six months can sound like an intimidating speed to finish a full QI project, but with the timing of our fellowship it works out perfectly," said Dr. Liu. "[The fellows] finish the project before their fellowship ends, they gain new mentors from outside the institution, and they have something written that is ready for publication submission."

Rather than being assigned a project by institution leadership, the first fellowship

class at Kaiser was given full freedom to identify an issue that they wanted to fix. They chose to focus on the delay from diagnosis to next-generation sequencing (NGS) results in patients with stage IV non-small cell lung cancer. Through improved communication and automated interventions in their electronic medical records, the Kaiser team was able to reduce their median days from 24 to 16. Their project's success led to organizational change as the automations were applied system-wide, ultimately impacting Kaiser's 4 million patients.

"Having the fellows identify an issue made them passionate about the work, which makes it more fulfilling and leads to positive outcomes," Dr. Katzel said.

After the success of the 2019 project, every subsequent class of Kaiser's hematology oncology fellows has participated in the QTP.

In addition to having fellows be involved in QI projects at the ground level, Dr. Liu and Dr. Katzel emphasized the importance of leadership buy-in.

"We recommend meeting with leadership during the QTP process, and sharing results from the project," said Dr. Katzel. "Being able to show, through data and testing, the positive impact your QI project is having to leadership will have a more significant impact on a larger scale."

Dr. Liu and Dr. Katzel noted that many oncology practices are likely already doing QI projects without referring to them as such. Participating in a round of



DR. KATZEL



DR. SRIVASTAVA

the QTP can offer an effective and structured problem-solving methodology that can be applied to many other practice issues.

Dr. Liu and Dr. Katzel thanked their Kaiser colleague Dr. Srivastava, who serves as QTP faculty and coach and is the ASCO QTP Steering Group chair-elect, for his continued support through their QI journeys.

Want to get involved? Apply for ASCO's Winter QTP session at asco.org/qtp. Participating fellows may be eligible to receive a tuition discount. QTP can also be brought to your institution for a private session for any audience, including your fellows. Email qualitytraining@asco.org with any questions. ●

ASCO Quality Training Program Alumni Integrate Quality Improvement Into Fellowship Program | ASCO Connection

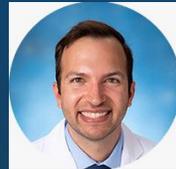
Starting in 2025, Kaiser Permanente San Francisco and ASCO partnered to provide an annual Quality Training Program for the country:
14 Oncology Practices Work to Improve Clinical Research - ASCO

Heme-Onc fellow Quality Training Program Topics



Lung cancer NGS results

Improving Time to Molecular Testing Results in Patients With Newly Diagnosed, Metastatic Non–Small-Cell Lung Cancer | JCO Oncology Practice



Goals of Care Documentation

I-DO GOC: Improving documentation in oncology with goals of care. | Journal of Clinical Oncology

What Matters Most: The Documented Goals, Values and Motivators of Advanced Cancer Patients - PubMed



Survivorship Needs Assessment

The voice of the breast cancer survivor: Implementation of survivorship needs assessment in an integrated health system. | Journal of Clinical Oncology



Cancer Vaccines

Improving bivalent COVID-19 vaccination rates among adult patients with cancer: An ASCO/CDC initiative. | JCO Oncology Practice



Improving Cancer Clinical Trials

ASCO QTP 2025: Quality Training Program - ASCO

PCP-ONC CARES



Samantha Siegel, MD
Internal Medicine
San Francisco Medical Center



Maria Carissa Santos Vistan, MD
Internal Medicine
San Francisco Mission Bay Medical Offices



Anahat Singh, PsyD
Behavioral Medicine
San Francisco Medical Center

Regional AFM lead of Cancer Survivorship: 100 Influential Women in Oncology: Key Opinion Leaders to follow on Social Media in 2024 - OncoDaily

Through exposing our trainees to the PCP-ONC program, trainees will gain experience with supporting whole health and vitality across the cancer continuum. This includes exposure to diagnostic and staging processes prior to the first oncology appointment, vaccination awareness, attention to metabolic health, basic principles of integrative oncology and a large emphasis on social-emotional well being and care coordination.

Additionally, trainees will have opportunities for research and learning around our model of survivorship, starting at diagnosis and including supportive care in cancer, rehabilitation from treatment and reintegration into life after cancer, long term metavorship, surveillance for recurrences, second cancers and long term effects as well as coordination with palliative care in the end of life.

Elad Neeman

Class of 2022

Residency: Cedars-Sinai Medical Center, LA, CA

Post-Fellowship: Kaiser Permanente, San Rafael, CA



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Honors, Grants & Awards:

- ASCO Merit Awards 2020, 2021, 2022
- 250K Clinical Science Delivery Grant – Hospital Acquired VTE project
- ASCO Quality Training Program 2020
- Chief Fellow: July-Dec 2020

Presentations:

- Oral Presentation AACR Covid and Cancer 2020
- Oral Presentation and Posters ASCO meetings 2021, 2022

Publications (PMID, journal): Telehealth, VTE prediction, COVID

- 2021: 34817586 (JAMA Network Open)
- 2022: 35467963 (JCO Clin Cancer Inform), 36191286 (JCO Oncology Practice), 35933666 (Perm J), 34988767 (Breast Cancer Res Treat)
- 2023: 36867639 (PLOS Digit Health), 37656925 (JCO Clin Cancer Inform)
- 2024: 36409498 (J Hosp Med), PMID: 39602886 (JNCCN)

Stephanie Ossowski

Class of 2022

Residency: Loma Linda UMC, Loma Linda, CA

Post-Fellowship: Kaiser Permanente, San Diego, CA



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Honors, Grants & Awards:

- ASCO Merit Awards 2021, 2022
- ASCO Quality Training Program Lead 2020
- ANCO Board of Directors, Secretary
- Chief Fellow: Jan-Jun 2021

Presentations:

- Poster Presentations ASCO Quality Symposium 2021, 2022

Publications (PMID, journal): Lung cancer, PROs, 4R

- 2019: 31364185 (Am J Hematol)
- 2021: 34406801 (JCO Clin Cancer Inform)
- 2022: 36245635 (J Thorac Dis), 36191286 (JCO Oncology Practice), 36216742 (Clin Lung Cancer)
- 2023: 36178937 (JCO Oncology Practice), 37255340 (Perm J)

Deepika Kumar

Class of 2023

Residency: UCLA Olive View, Los Angeles, CA

Post-Fellowship: Kaiser Permanente, Woodland Hills, CA



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Honors, Grants & Awards:

- ASCO Merit Award 2022
- Chief Fellow: July-Dec 2021

Presentations:

- Poster Presentation ASCO Annual Meeting 2022
- Poster Presentation ASCO Quality Symposium 2022

Publications (PMID, journal):

 ECOG Risk Prediction, Telehealth

- 2021: 34817586 (JAMA Netw Open)
- 2022: 35467963 (JCO Clin Cancer Inform)
- 2023: 37656925 (JCO Clin Cancer Inform)
- 2024: 38653321 and 39602886 (JNCCN)

Tiffany Seto

Class of 2023

Residency: Kaiser Permanente Santa Clara, Santa Clara, CA

Post-fellowship: Kaiser Permanente, Fresno, CA



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Honors, Grants & Awards:

- ASCO Merit Award 2022
- Chief Fellow: Jan-Jun 2022

Presentations:

- American Society of Hematology Poster Presentation (ASH 2023)
- Western Association of Gynecologic Oncology Oral Presentation 2023.

Publications (PMID, journal): Sarcoma, Gyn-onc, Cardiotoxicity

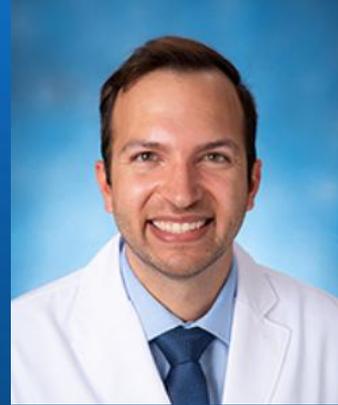
- 2021: 33852341 (JCO Oncology Practice), 33924080 (Cancers)
- 2022: 35939568 (Perm J)

Francisco Martinez

Class of 2024

Residency: University of Arizona

Post-fellowship: Intermountain Health, UT



Honors, Grants & Awards:

- ASCO Merit Award 2022
- ASCO Quality Training Program 2022
- Research Award KPSF Symposium 2022
- Chief Fellow: July-Dec 2022

Presentations:

- KPSF AME Symposium 2022
- Poster Presentation ASCO Quality Symposium 2022: [I-DO GOC: Improving documentation in oncology with goals of care. | Journal of Clinical Oncology](#)
- Poster Presentation World Lung 2024

Ashley Aller

Class of 2024

Residency: University of Chicago (Northshore)
Post-fellowship: Kaiser Permanente, Seattle WA



Honors, Grants & Awards:

- Delivery Science Fellowship/Oncology research fellow. 2023-2024
- Research under Exact Sciences, Biotheranostics grant
- ASCO Merit Award 2022
- ASCO Quality Training Program 2022
- Chief Fellow: Jan-Jun 2023

Presentations

- Poster Presentation ASCO Quality Symposium 2022
- Poster Presentations San Antonio Breast Conference 2022
- Poster Presentation AACR 2023

Publications (PMID, journal): Breast Cancer, Genomic Prediction

- 2023: 37592901; 38112439 (Am J Hosp Palliat Care)
- 2025: 41385405 (Cancer)

Michael Lee

Class of 2025

Residency: Loma Linda UMC, Loma Linda, CA

Post-fellowship: Kaiser Permanente, San Jose, CA



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Honors, Grants & Awards:

- Healthcare Disparities Research Award KPSF Symposium 2023
- Research under ASCO / CDC grant 2023
- ASCO Quality Training Program 2023
- Chief Fellow: July-Dec 2023

Presentations:

- Oral Presentation KPSF AME Symposium 2023
- Poster Presentation ASCO Quality 2023

https://ascopubs.org/doi/abs/10.1200/OP.2023.19.11_suppl.427

- Poster Presentation ASCO 2023

https://ascopubs.org/doi/abs/10.1200/JCO.2023.41.16_suppl.1606

Publications (PMID, journal): Vaccinations, telehealth

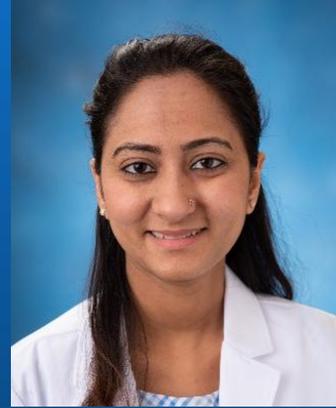
- 2024: PMID: 39602886 (JNCCN)

Nayha Tahir

Class of 2025

Residency: Northwestern Medicine, Chicago Medical School / Rosalind Franklin University of Medicine and Science

Post-fellowship: Kaiser Permanente, Fresno, CA



Honors, Grants & Awards:

- ASCO Quality Training Program 2024
- Chief Fellow: Jan-Jun 2024

Presentations:

- ASCO Quality 2023 Poster Presentation:
https://ascopubs.org/doi/abs/10.1200/JCO.2023.41.16_suppl.e24180?af=R
- KPSF AME Symposium 2023

Publications (PMID, journal): Survivorship

Manuscript pending:

[Implementation of a breast cancer survivorship needs assessment tool, an ASCO Quality Training Program initiative.](#)

Margaret Krackeler

Class of 2026

Residency: University of California Davis

Post-fellowship: Kaiser Permanente, San Jose, CA



Honors, Grants & Awards:

- Research under CLL BTKi grant
- Chief Fellow: July-Dec 2024
- ASCO Quality Training Program 2025

Presentations:

- ASCO 2024 poster:
https://ascopubs.org/doi/10.1200/JCO.2024.42.16_suppl.11158

Publications (PMID, journal): Malignant Hematology

PMID: 41090691 (Cancer Med)

Mansi Ghatge

Class of 2026

Residency: Scripps Mercy Hospital



Honors, Grants & Awards:

- ASCO Quality Training Program 2024
- KP SFO Research Symposium 2025
- ASCO Merit Award 2025 (ASCO Quality)

Presentations:

- Poster Presentation ASCO Quality 2025

https://ascopubs.org/doi/abs/10.1200/JCO.2023.41.16_suppl.12030

Publications (PMID, journal): Cancer Survivorship

Abstract / manuscript pending

[Implementation of a breast cancer survivorship needs assessment tool, an ASCO Quality Training Program initiative.](#)

Andrew Lynch

Class of 2027

Residency: Kaiser Permanente, Oakland CA



Honors, Grants & Awards:

- Research Award KP Oak Symposium 2023

Presentations:

- Poster Presentation ASCO Quality 2023

https://ascopubs.org/doi/abs/10.1200/JCO.2023.41.16_suppl.12030

Publications (PMID, journal): Palliative Care

Manuscripts pending

Jenny Wei

Class of 2027

Residency: Kaiser Permanente, SF, CA



Honors, Grants & Awards:

- KP Research Training Program
- ASCO Quality Training Program 2025
- KP SFO Research Symposium 2023

Presentations:

- **Poster Presentation ASCO 2025** [Beyond the 5-year mark: Adherence to and continuation of extended adjuvant endocrine therapy in non-metastatic breast cancer patients.](#)

- **Poster Presentations ASCO 2023**

https://ascopubs.org/doi/abs/10.1200/JCO.2023.41.16_suppl.11017?role=tab

https://ascopubs.org/doi/abs/10.1200/JCO.2023.41.16_suppl.531

- **Poster Presentations ASCO Quality 2023:**
https://ascopubs.org/doi/10.1200/OP.2023.19.11_suppl.308

- **Publications (PMID, journal):** 4R, Breast Cancer Endocrine Adherence

2023: Am J Hosp Palliat Care PMID: 38112439; 2025: Breast Cancer Res Treat PMID: 40866758

Joel Nortey

Class of 2028

Residency: Kaiser Permanente, Oakland, CA



Honors, Grants & Awards:

- ASCO Merit Award 2024(ASCO Quality)

Presentations:

- Oral Presentation KP OAK Symposium 2024
- Poster Presentation ASCO Quality 2024

[Beyond the pain: Decoding opioid use in advanced cancer ED visits. | Journal of Clinical Oncology](#)

Publications (PMID, journal): Palliative Care, ED/hospital
2025: PMID: 40684033 (Support Care Cancer)

Brandon Anderson

Class of 2028

Residency: Kaiser Permanente, SF, CA



Honors, Grants & Awards:

- Research Award KP SF Symposium 2024

Presentations:

- Oral Presentation ASCO 2023: [Analysis of patient-physician portal secure message content and the associated cost savings in oncology practice. | Journal of Clinical Oncology](#)
- Poster Presentation ASCO 2025: [Evaluating the feasibility of a peer-support group for patients with cancer](#)
- Poster Presentation ASCO Quality 2025: [Unveiling the hidden burden: Prevalence and disparities of cancer diagnosed in emergency and hospital settings. | Journal of Clinical Oncology](#)
- Oral Presentation KPSFO AME Symposium 2023, 2024

Publications (PMID, journal): Telehealth, mental health, ED/hospital

* 2024: PMID: 39602886 (JNCCN)