



July 7, 2023

## NOTICE

The Board of Directors of the Kaweah Delta Health Care District will meet in an open Academic Development Committee meeting at 4:00PM on Wednesday July 12, 2023 in the Kaweah Health Medical Center – Support Services Building Copper Conference Room (2<sup>nd</sup> Floor) 520 West Mineral King Avenue.

All Kaweah Delta Health Care District regular board meeting and committee meeting notices and agendas are posted 72 hours prior to meetings (special meetings are posted 24 hours prior to meetings) in the Kaweah Health Medical Center, Mineral King Wing entry corridor between the Mineral King lobby and the Emergency Department waiting room.

The disclosable public records related to agendas are available for public inspection at Kaweah Health Medical Center – Acequia Wing, Executive Offices (Administration Department) {1st floor}, 400 West Mineral King Avenue, Visalia, CA and on the Kaweah Delta Health Care District web page <https://www.kawahhealth.org>.

KAWEAH DELTA HEALTH CARE DISTRICT  
Mike Olmos, Secretary/Treasurer

A handwritten signature in black ink that reads "Cindy Moccio".

Cindy Moccio  
Board Clerk, Executive Assistant to CEO & CNO

DISTRIBUTION:  
Governing Board  
Legal Counsel  
Executive Team  
Chief of Staff  
<http://www.kawahhealth.org>

**KAWEAH DELTA HEALTH CARE DISTRICT BOARD OF DIRECTORS  
ACADEMIC DEVELOPMENT**

Wednesday July 12, 2023

Kaweah Health Support Services Building  
520 West Mineral King – Copper Conference Room (2<sup>nd</sup> floor)

ATTENDING: Directors: Lynn Harvard Mirviss (chair) & Ambar Rodriguez; Lori Winston, M.D., Chief of Medical Education & Designated Institutional Official; Gary Herbst, CEO; Keri Noeske, CNO; Amy Shaver, Director of GME; Krystal De Azevedo, Manager of GME; James McNulty, Director of Pharmacy Services, S. Oldroyd, DO; Mara Lawson; Lydia Marquez, Executive Assistant to the Chief of Medical Education & Designated Institutional Official, Recording

**OPEN MEETING – 4:00PM**

**CALL TO ORDER** – *Lynn Harvard Mirviss*

**Public / Medical Staff participation** – Members of the public may comment on agenda items before action is taken and after it is discussed by the Board. Each speaker will be allowed five minutes. Members of the public wishing to address the Board concerning items not on the agenda and within the jurisdictions of the Board are requested to identify themselves at this time. For those who are unable to attend the beginning of the Board meeting during the public participation segment but would like to address the Board, please contact the Board Clerk (Cindy Moccio 559-624-2330) or [cmoccio@kaweahhealth.org](mailto:cmoccio@kaweahhealth.org) to make arrangements to address the Board.

1. **[EMERGENCY MEDICINE RESIDENCY ANNUAL PROGRAM REVIEW](#)** - Review of accreditation status, current citations, performance on institutional metrics, and SWOT analysis.

*Lori Winston, MD, Chief of Medical Education & Designated Institutional Official*

2. **[OFFICE OF RESEARCH ANNUAL UPDATE](#)** – Institutional Review Board (IRB), Research Education & Publications.

*Chris Patty, RN, Director of Research*

**ADJOURN** – *Lynn Harvard Mirviss*

*In compliance with the Americans with Disabilities Act, if you need special assistance to participate at this meeting, please contact the Board Clerk (559) 624-2330. Notification 48 hours prior to the meeting will enable the District to make reasonable arrangements to ensure accessibility to the Kaweah Delta Health Care District Board of Directors meeting.*

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*Mike Olmos – Zone I  
Secretary/Treasurer*

*Lynn Havard Mirviss – Zone II  
Vice President*

*Garth Gipson – Zone III  
Board Member*

*David Francis – Zone IV  
President*

*Ambar Rodriguez – Zone V  
Board Member*

**MISSION:** *Health is our Passion. Excellence is our Focus. Compassion is our Promise.*

# Academic Development Committee

July 12, 2023







**13+13+13  
= 39**

**Emergency  
Medicine**



# Emergency Medicine - Accreditation expired Jan 13, 2022

Accreditation Action Deferred, Next ACGME EM RC site visit Aug 24-25th

## ZERO CITATIONS

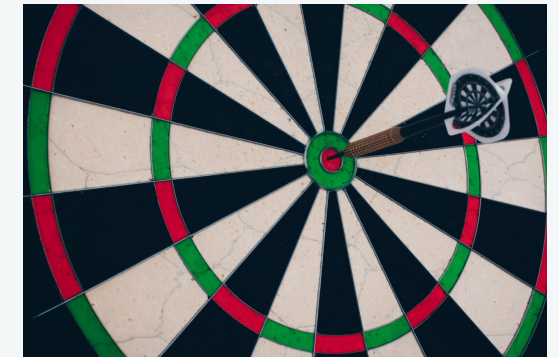
Area for Improvement /Concerning Trend

2020-2021 Resident Survey: several areas demonstrated notably low compliance rates and an overall downward trend. The program is strongly advised to evaluate these results, investigate the rationale for the responses, and implement improvement efforts as needed

## Mission

To educate compassionate, skilled emergency physicians who apply evidence-based care & advocate for a diverse population. Ready to be everyone's doctor, all the time.

- Recruit qualified candidates from a diverse applicant pool with an inclination of choosing those that want to serve their community
- Achieve the core competencies required to successfully practice emergency medicine in any environment in which the individual chooses with priority concerning the skill of life-long learning
- Produce compassionate and engaged physicians who care and advocate for their patients and communities
- Create an environment that promotes a focus on wellness and resiliency
- Build the clinical, academic, interpersonal, and administrative skills necessary to become future leaders and advocates in the specialty of emergency medicine



# AIMS



# EM Performance on Institutional Indicators

EM went from  
31 findings  
last year to 12



Faculty Survey



Step 3 pass rates



Resident Survey

Nonphysician obligations, time to interact w/ patients, satisfied with safety conditions, satisfied with process for dealing with problems, environment of inquiry & faculty interest in education, appropriate amount of teaching in all clinical activities, personally experienced abuse/ mistreatment, information not lost during shift changes, interprofessional teamwork taught, extent of increasing clinical responsibility granted, 4+ days free in 28 day period



In-training exam scores



Boards Pass rate  
93% over 3 years

# Emergency Medicine

Major changes: New medical director Dr. Tu, new Coordinators Jeanette Bishop & Vivian Reyes, Reverted to in-person didactics, decreased surgery rotation to 2wks, engaged internal consultant for rapid cycle operational improvements to ED

## Strengths

Resident Preparedness  
Cohesive & Productive Core Faculty  
Resident Scholarly Activity  
Service to other GME programs  
Faculty Development

S

## Weaknesses

Non-physician obligations  
Low resource work environment/staffing  
Intern class with significant SOAP candidates  
Anesthesiology rotation

W

## Opportunities

Ultrasound rotation to provide procedural service to admitted patients (throughput initiative)  
QI alignment with hospital  
Leverage SIM capabilities for pipeline efforts & to showcase to the community

O

T

## Threats

Difficult recruitment due to ED workflows, workforce projections & fears about advanced practice providers  
Perceptions of community vs tertiary care training  
Many new EM programs in California  
Unionization



# EM Fellowships

Supported by Vitivity



Ultrasound

Drs. Hipskind, Thompson, Niechayev



Simulation & Clinical Education

Drs. Sokol & Stanley



Vitivity Central Administrative

Academic Education - Dr. Winston

Diversity Equity & Inclusion - Dr. Guzman

# EM is the Engine of GME

EM faculty serve all Kaweah GME programs



Transitional Year Program  
Director



Medical Student Clerkship  
Director & Street Medicine



Physician CPI training course



Simulation Director



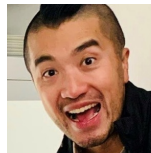
Quality & Patient Safety



Faculty Development Chair



Ultrasound Director(s)



ATLS faculty



CMEO / DIO

## Kaweah Health EM Graduates Currently Working at Kaweah ED (12 of 27 total)



Sean Oldroyd



Renee DeNolf



Alfredo Guerrero



Kunal Sukhija



Mark Monterosso



Elvin Diaz



Chris Schaefer



Eric Donn



Richard Nho



Dries VanDyk



Michael Niechayev



Jorge Garcia



# KH Office of Research

## Board Academic Subcommittee July 2023



[kaweahhealth.org](https://kaweahhealth.org)



# Welcome to the Office of Research!

Dr. Lori Winston, MD, CMEO

Dr. Chris Patty, DNP, Director

Dr. Stephen Smith, MD, IRB Chair

Dr. Yueqi Yan (UCM Biostats)

Karen Bontekoe, MLS Librarian

Jessica Esteves, Coordinator

Volunteer Research Assistants

[researchoffice@kaweahhealth.org](mailto:researchoffice@kaweahhealth.org)

[irb@kaweahhealth.org](mailto:irb@kaweahhealth.org)





# Our Mission

- Human Subjects Research Conduct
- Research Administration
  - Institutional Review Board (IRB)
  - Research Information System
- Research Education and Training
  - Delivery of GME Research Curriculum
  - Consultation for all KH researchers
  - Operation of Medical Library



# KH Mission, Vision and Pillars

*Health, Excellence and Compassion* are researchable concepts and all have been studied at KH!

Our *Vision* of “World Classness” requires research and publication

*Empowerment through Education* – The evidence we discover helps us provide better care

# What Kind of Research Happens at KH?

We believe that KH research should be conducted *by* KH investigators, and that the knowledge gained is primarily *for* them and those we serve.

*Major Projects*— Our major projects tend to be Social/Behavioral, and tend to be collaborative with the UCM, UCB, UCSF, etc. We receive some revenue for these projects.

*Minor Projects*— tend to be observational or retrospective clinical studies (as opposed to interventional) or prospective.

We tend to avoid FDA-regulated interventional research (drug and device clinical trials) with rare exceptions. These studies require many human and material resources, and the industry sponsors reap the learning and benefits.

# Noteworthy KH Research Studies

- 2023 RSV epidemiology changes in ED visits during COVID pandemic
- 2023 Correlates of nationwide ED provider retention
- 2023 Transgender teenage medical visit – in situ simulation
- 2022 Farmworker Health Study – first “Long COVID” in FW population, UCB/UCM collaboration, JAMA publication pending
- 2022 Improving childhood obesity screening (Clinics)
- 2022 SafeGait 360 mobility system outcomes (RH)
- 2021 Cognivue COVID-19 case/control study
- 2021 COVID-19 health disparities in hospital admissions

# Noteworthy KH Research (cont)

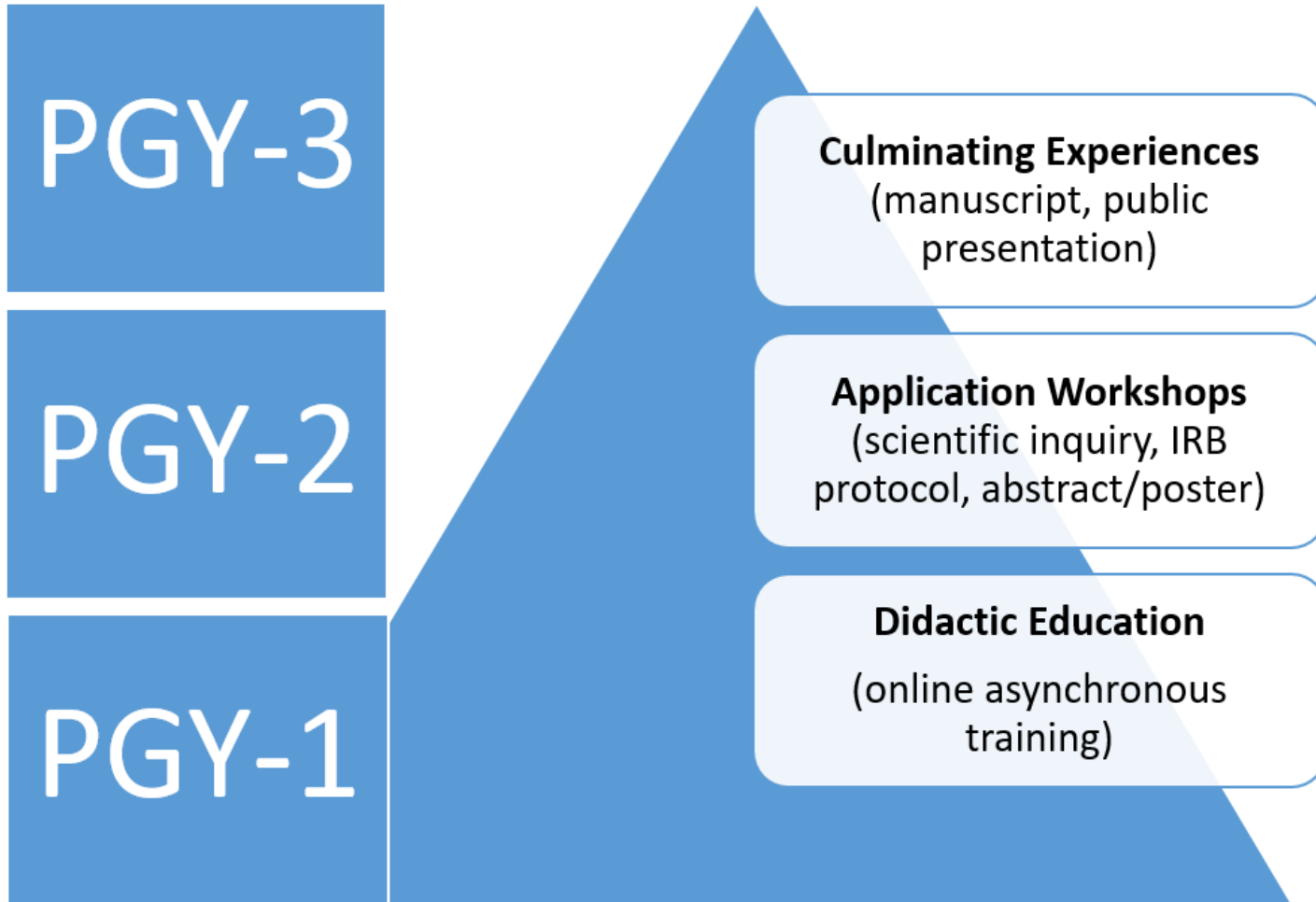
- 2020 Management of alcohol withdrawal in ED
- 2020 Appropriateness of antibiotic prescribing (FM Clinic)
- 2020 POCUS nerve block efficacy studies
- 2020 Mayo Clinic Convalescent Plasma Study (IP COVID-19)
- 2019 Identifying patients at high risk for hospital readmission
- 2019 Importance of mentorship in physician education
- 2019 Safety evaluation of MH crisis disposition decisions
- 2018 10-year breast implant complication study
- 2018 Coccidiomycosis clinical outcome evaluation



# Research on the Near Horizon

- Adolescent cognition – baseline community evaluation using Cognivue® gamified AI device (12 to 19 year-olds)
- Development of an instrument for measuring Promotora/Client trust (UCM)
- Effect of “Healthy Home” improvements on asthma (CDPH)
- RCT of task force effect on healthcare worker burnout (UCSF)
  
- This space reserved for your study here!

# Research Education/Training



Research education is available to many outside KH GME programs

- KH Nursing, Pharmacy, Therapies
- KH Nurse Residency
- IRB Members including non-affiliates
- SVDH Internal Medicine residents are invited to didactics and workshops beginning August 2023
- The KH OOR Conducts an annual regional Research Symposium for GME Resident/Fellow/Faculty scholarship presentations. Any interested persons may attend.

# Research by the Numbers

- Current active studies – 48
- Studies initiated in past 5 years – 105
- 1100+ online classes completed
- 15+ in-person or virtual workshops presented annually
- ~70 resident-weeks on research rotation annually
- OOR Volunteer RA hours – 770 (2022) – 2<sup>nd</sup> behind Maternal/Child
  - 2 VRA (2023) – GME FM, Psychiatry
  - 1 VRA (2021) – IM St. Agnes

# KH Publication Stats

309 Medline-indexed publications since 1990

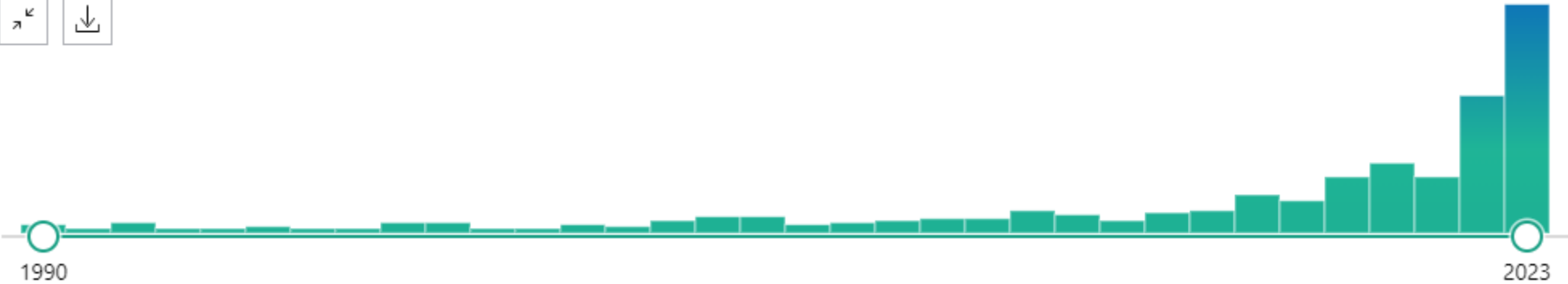
2/3 of all publications during COVID pandemic years

Many works not represented here (books, curricula)

RESULTS BY YEAR

309 results

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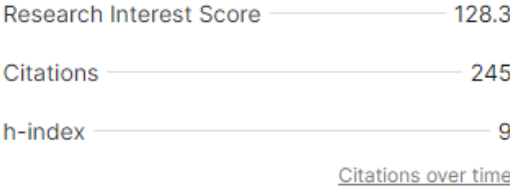


# KH Publication Stats



**Sebastiano Cassaro**

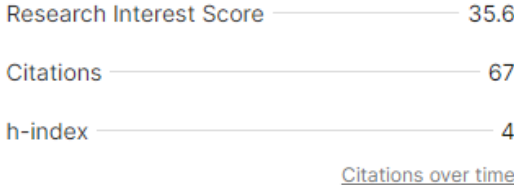
MD · Professor (Associate) at University of California, Irvine  
United States



**Chris Patty** [Edit](#)

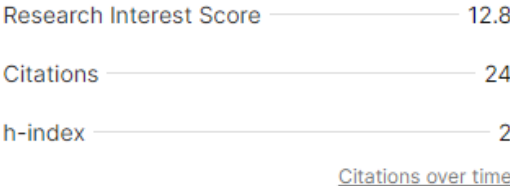
Doctor of Nursing Practice · Research Director at Kaweah Delta Health Care District  
United States | [Website](#)

*Current activity*



**John E Hipkind**

Doctor of Medicine · Kaweah Delta Health Care District  
United States







# The pursuit of healthiness

