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 (2nd 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.kaweahhealth.org.

KAWEAH DELTA HEALTH CARE DISTRICT
Mike Olmos, Secretary/Treasurer

Cindy Moccio
Board Clerk, Executive Assistant to CEO & CNO

DISTRIBUTION:
Governor Board
Legal Counsel
Executive Team
Chief of Staff
http://www.kaweahhealth.org
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 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


   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.
Academic Development Committee

July 12, 2023
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
EM Performance on Institutional Indicators

Faculty Survey

Step 3 pass rates

In-training exam scores

Boards Pass rate
93% over 3 years

EM went from 31 findings last year to 12

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
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

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

**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

**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 Vituity

Ultrasound
Drs. Hipskind, Thompson, Niechayev

Simulation & Clinical Education
Drs. Sokol & Stanley

Vituity 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
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
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 up 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.

PGY-3

Culminating Experiences
(manuscript, public presentation)

PGY-2

Application Workshops
(scientific inquiry, IRB protocol, abstract/poster)

PGY-1

Didactic Education
(online asynchronous training)
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\textsuperscript{nd} 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)
KH Publication Stats

Sebastiano Cassaro
MD - Professor (Associate) at University of California, Irvine
United States

- Research Interest Score: 128.3
- Citations: 245
- h-index: 9

Chris Patty
Doctor of Nursing Practice - Research Director at Kaweah Delta Health Care District
United States

- Research Interest Score: 35.6
- Citations: 67
- h-index: 4

John E Hipskind
Doctor of Medicine - Kaweah Delta Health Care District
United States

- Research Interest Score: 12.8
- Citations: 24
- h-index: 2
The pursuit of healthiness