



PUBLIC HEALTH EMERGENCY PREPAREDNESS AND RESPONSE (PHEPR) ANNUAL UPDATE

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October 20, 2025



POPULATION HEALTH DIVISION
SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH

Agenda

- Overview of the PHEPR Program
- Overview of Preparedness and Response Activities
- Highlights of PHEPR Activities
 - H5N1 Planning Incident Management Team
 - Community Health Resilience Project
 - Heat and Air Quality Emergency Preparedness
 - Seismic Surge Exercise
 - Emergency Logistics
- PHEPR by the numbers



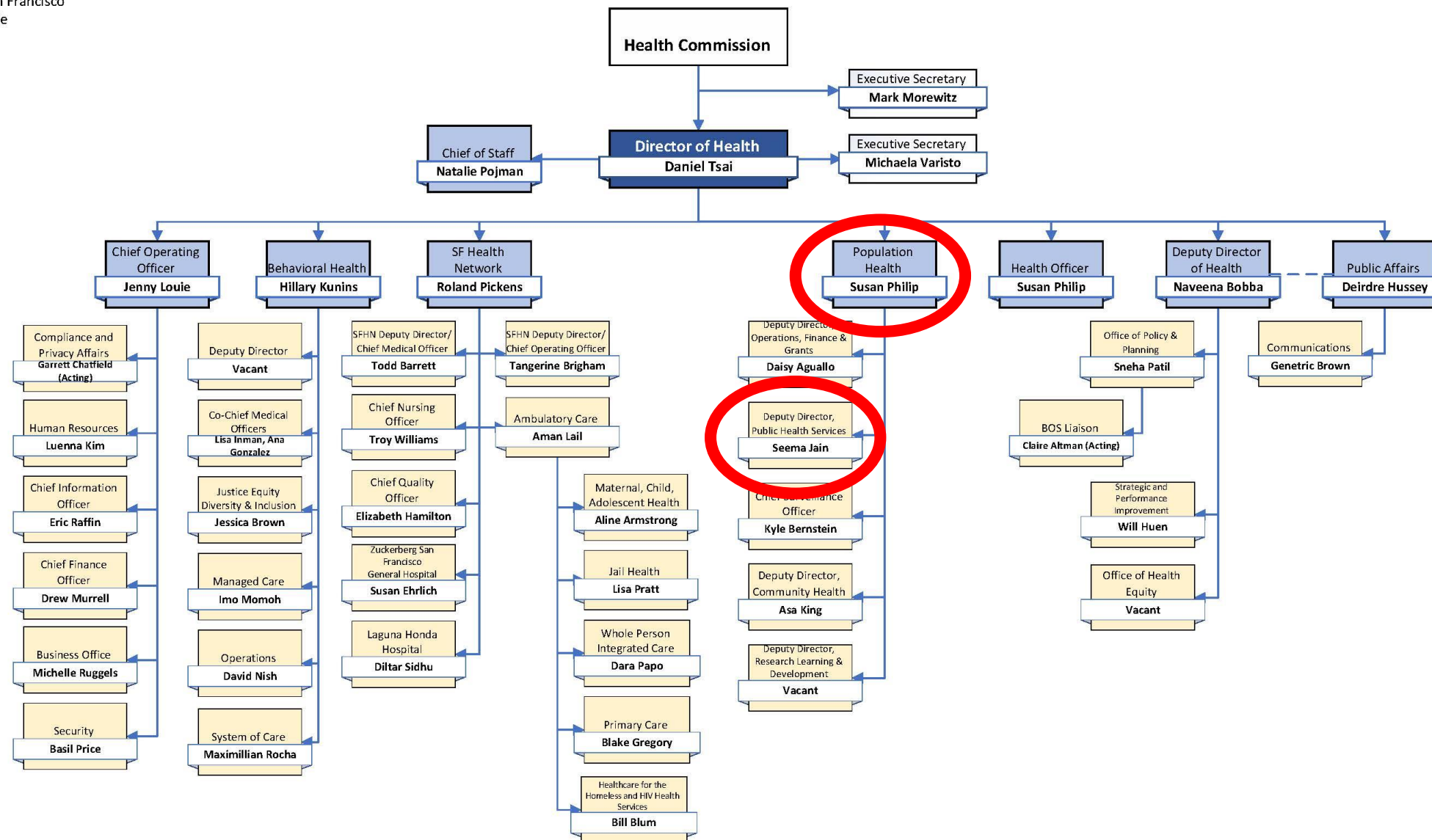
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City and County of San Francisco
Daniel L. Lurie
Mayor

San Francisco Department of Public Health

Daniel Tsai
Director of Health

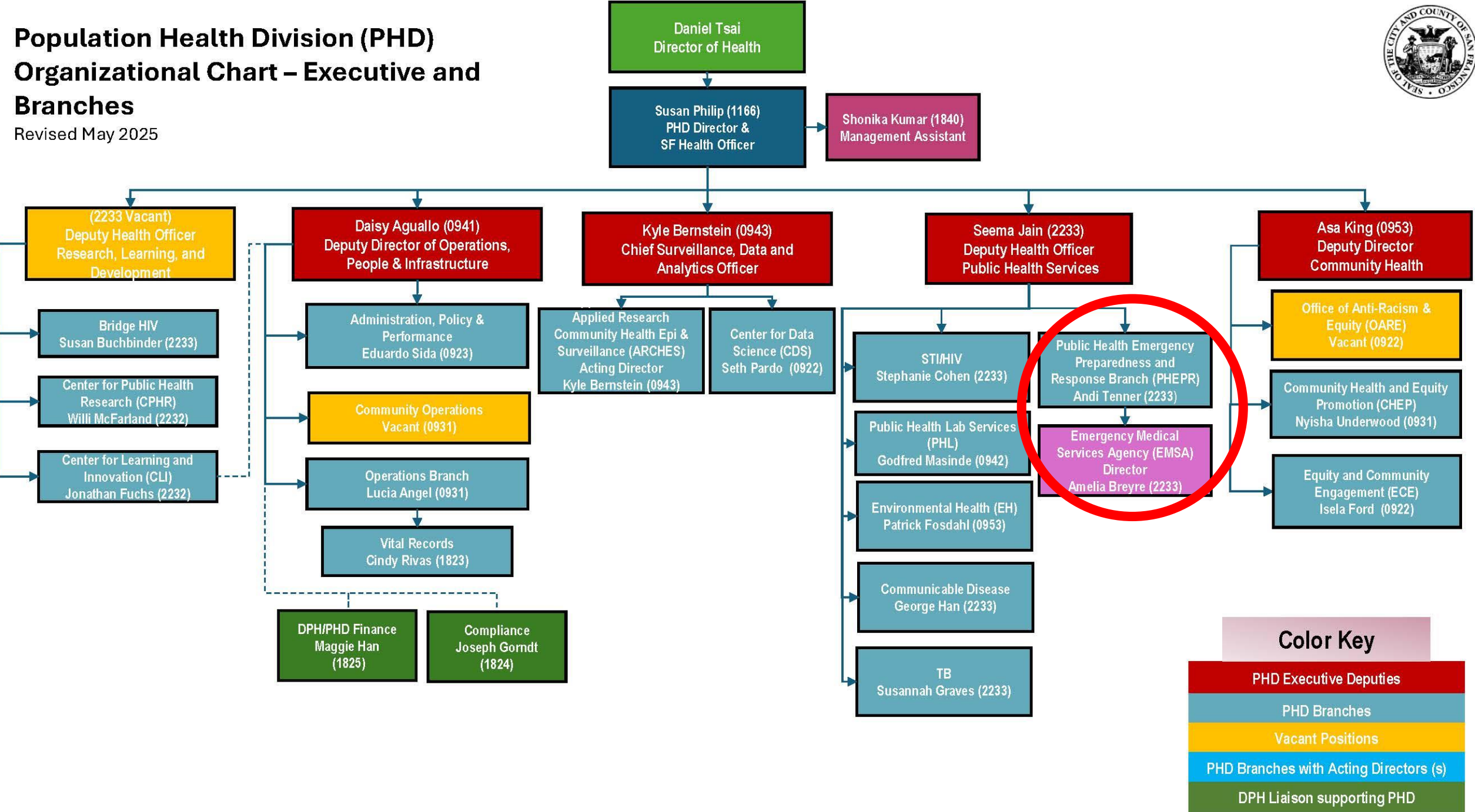




Population Health Division (PHD)

Organizational Chart – Executive and Branches

Revised May 2025

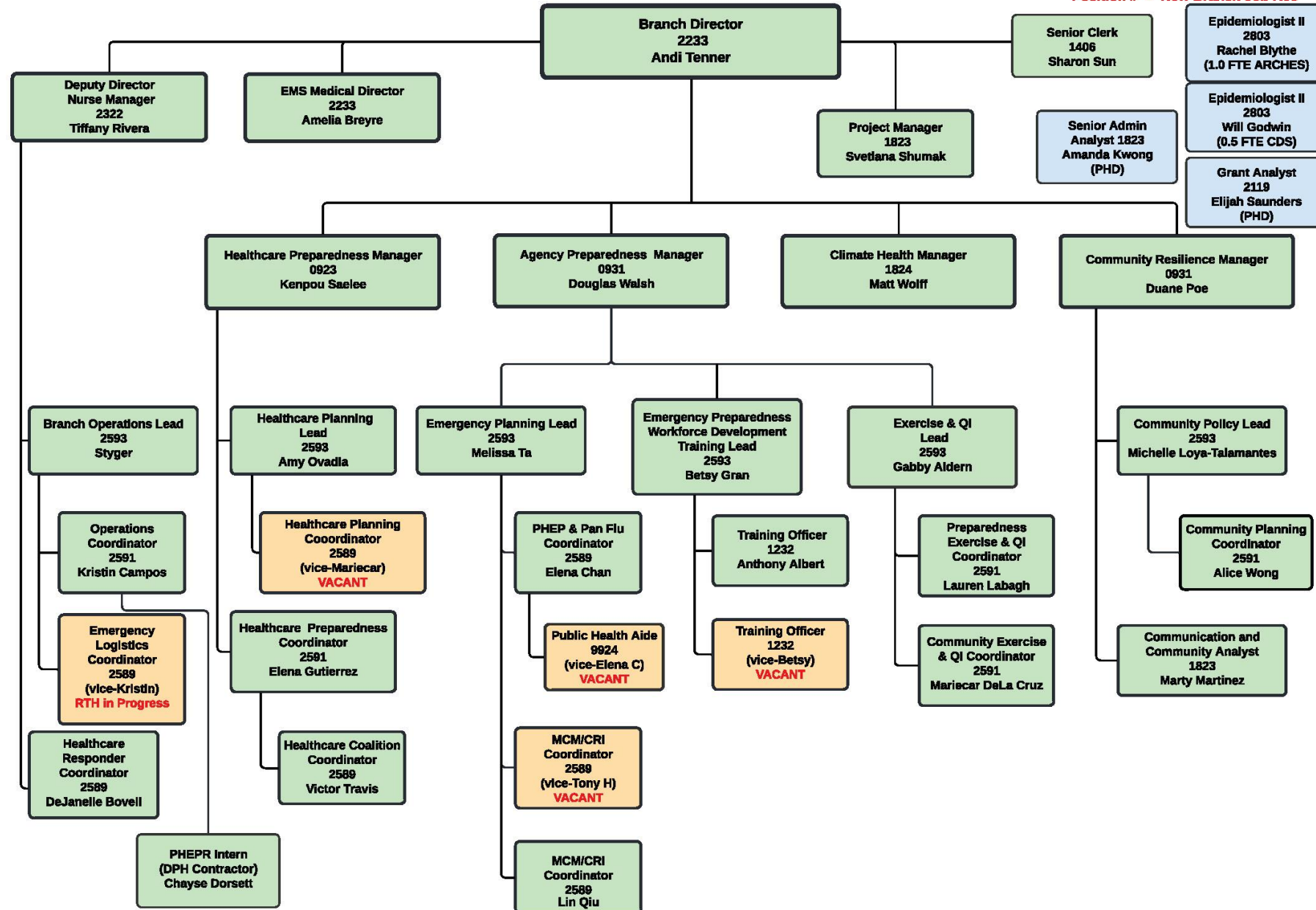


PHEPR Organizational Chart FY25-26

Managing: _____
Supervising: _____

Slide 5

Position # = New Branch Job Rec



Preparedness Activities in FY 24-25



Conducted 15 exercises, ranging from a communication check exercise to a functional exercise involving 9 hospitals



Updated over 40 plans, including pandemic preparedness, chemical attack, and continuity of operations plans



Built out PHEPR response teams to ensure smooth, organized responses and continuity of PHEPR operations, as well as establishing DPH-wide Departmental Operations Center staffing plans



Further refined PHEPR's emergency GIS Map, migrating to a private site and adding layers for hazards like Tsunami and important non-DPH facilities like residential care facilities and election sites



Supported ZSFG onboarding to ESSENCE Syndromic Surveillance System

Response activities

- Responded to 33 emergency incidents and planned events
- The PHEPR Duty Officer program logged
 - 8,760 hours of continuous monitoring
 - 190 unique incidents.
- Have been providing emergency preparedness staff support to ZSFG for the past year due to an unplanned staff leave of absence



H5N1 (Bird Flu) Incident Management Team

- H5N1 Preparedness IMT
 - On October 21, 2024, PHEPR established a Planning Incident Management Team (IMT) to increase SFPD's level of pandemic flu preparedness
 - Three scenarios:
 - A single case of H5N1 in SF
 - Limited human to human spread of H5N1
 - Widespread H5N1 human to human transmission
 - The IMT lasted 33 weeks
 - Over 50 DPH staff involved
 - Produced approximately 20 new operational response plans and protocols
 - Updated 30 Continuity of Operations Plans (COOPs)
 - Conducted 1 tabletop exercise and 2 "Mystery Patient" Drills at ZSFG





Visitation Valley/Sunnydale Emergency Preparedness Pilot Project



- Goals: develop a preparedness and response strategy for neighborhood residents and understand how to best communicate with various communities
 - This pilot will help us to develop a template to expand to other neighborhoods
- Completed: Communications analysis for the neighborhoods
 - 346 surveys of community residents, CBO leaders, other stakeholders
 - 13 community leader interviews
 - 5 focus groups
- 8 CBO's awarded \$10,000 each to develop emergency planning strategies and build a preparedness network
- Partnership: Planning and coordination with DEM, EMSA, SFFD NERT, DPH Climate Health, other DPH Branches; informed by discussions with various community groups



Heat and Air Quality Emergency Preparedness

- Co-lead for the Heat and Air Quality Resilience (HAQR) Project
- Provided DPW with data, mapping, and connections to CBO partners to support their grant application and tree planting
- Purchased 65 heat and air quality sensors that will be placed in DPH clinical sites as well as libraries
- Conducted an annual DPH-wide Extreme Heat seminar for DPH staff and partners in preparation for heat season



Seismic Surge Exercise

- 9 Acute Care hospitals and the SF EMS Agency participated
- Tested communications systems, information sharing protocols, hospital patient care capacity
- Trained public health and healthcare response personnel
- Improved internal and cross-organization coordination processes



Managing Emergency Logistics

Redundant Communications

- Updated 270 emergency radios
- Satellite phones purchased for DPH leadership
- Management of Department-wide emergency communication platforms



Management of emergency resource needs

- IV Fluid Shortage
- Blood Culture Bottle Shortage
- H5N1 PPE Distribution
- Developed disaster healthcare volunteer plan



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PHEPR by the Numbers

190 unique incidents triaged
by the PHEPR Duty Officer

55 planning and response
messages sent to healthcare
facilities

8 Interns onboarded into
PHEPR's new Intern Program

4 Labor action activities requiring PHEPR
coordination with healthcare systems to
support patient access to care

270 emergency radios updated

22 Planning and response
informational messages sent to
community groups in

60% 5 threshold languages
increase in community
messaging over FY 23-24

800 Community members and groups
signed up for PHEPR emergency messaging

500 PHEPR Mini-Emergency Kits
provided to community



“Preparation through education is less costly than learning through tragedy.”

Max Mayfield



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Thank you!!

