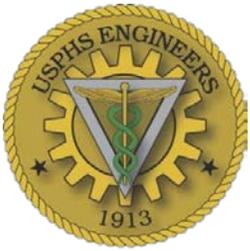


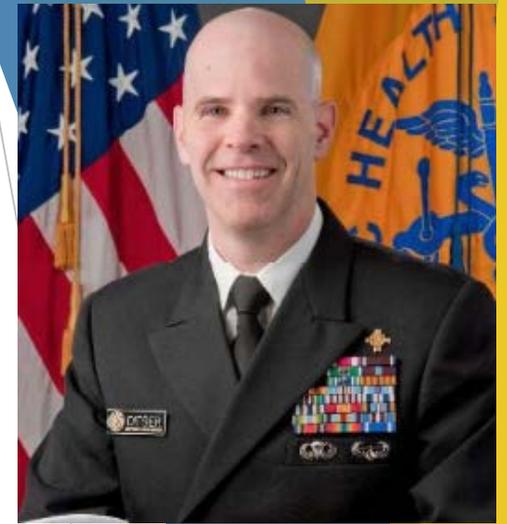
# Engineer Professional Advisory Committee

September 2020 Update

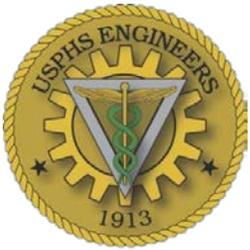


# Chief Professional Officer Remarks

- ▶ Comments will be provided during meeting



RADM Edward Dieser,  
Chief Engineer



# EPAC Chair Remarks

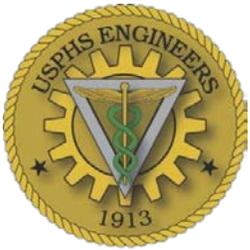
- ▶ The next Town Hall on Thursday October 8<sup>th</sup> from 2-3pm Eastern, just prior to our October EPAC call
- ▶ Engineers are encouraged to send questions for CPO to address during his Town Hall to Event Lead, LT Drew Katherine ([Drew.Katherine@fda.hhs.gov](mailto:Drew.Katherine@fda.hhs.gov)) by Friday, September 25<sup>th</sup>



CDR Samantha Spindel,  
EPAC Chair



CDR Deb Cox,  
EPAC Vice Chair



# Awards Subcommittee

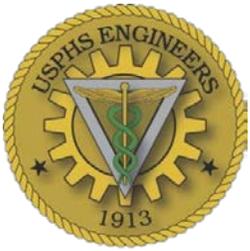
- ▶ Awards Strategic Initiatives Team: (Lead: LCDR Travis Sorum)
  - ▶ Revised EOY, EROY and Michael Award Nomination Forms have been sent to EPAC Chair for review and submission to RADM Dieser. Awaiting feedback.
  - ▶ Based on feedback, direction will be made to utilize revised nominations forms and procedures in 2020 or 2021.
  - ▶ Begin outlining plan for updating Spring Award Forms and Nomination procedures.
- ▶ SOP Initiative (Lead: LCDR Abbas Bandukwala)
  - ▶ Reviewing Draft of SOP at the Subcommittee Chair Level
  - ▶ Next Step: Submit to EPAC Chair/CPO for Review (September)



CDR John Kathol,  
Chair



CDR Matthew  
Mergenthaler, Vice Chair



# Career Development Subcommittee

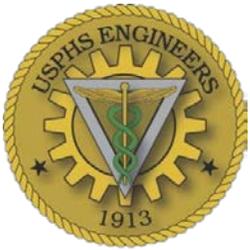
- ▶ PE Book Share/Donate:
  - ▶ Books shipped. 2 Engineers received out of 7 requests
  - ▶ Requesting reimbursement for shipping
  - ▶ One officer offered to donate old books any others?
- ▶ CPO Fact sheet
  - ▶ Currently in development; awaiting feedback from CPO
- ▶ Biomedical Initiative
  - ▶ Set to meet with CPO to discuss particulars
- ▶ Honor the late CAPT (ret) Gladys Rodriguez
  - ▶ Finalized. Will post soon and send with Engineering Announcements
- ▶ Mentoring Program
  - ▶ Development of database
- ▶ Database of Online Engineering Master's Programs
  - ▶ Pending survey release



LCDR Omobogie Amadasu, Chair



CAPT Eric Hanssen, Vice Chair



# Events Subcommittee

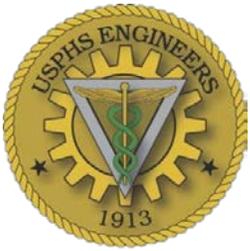
- ▶ Chief Engineer's Quarterly Meeting (Virtual - October 8, 2020; 2-3pm EST)
  - ▶ Quarterly Town Hall right before the EPAC General Meeting. Be on the lookout for a save-the-date.
  - ▶ Lead: LT Drew Katherine.
- ▶ AMSUS (Gaylord Nation Resort and Convention Center, MD, Dec. 6-10, 2020)
  - ▶ AMSUS has switched to 100% online. Registration opens September 15<sup>th</sup>. Reduction in price.
  - ▶ Looking into having the presentations recorded for CEUs after the event.
  - ▶ Possible new awards.
  - ▶ Lead: LCDR Michael Simpson, Co-Leads: LCDR Michael Tollon, LCDR Hanniebey Wiyor.
- ▶ E-Week (National Park Service HQ, DC, Feb. 2021)
  - ▶ Currently in the process of confirming the room and date.
  - ▶ Lead: LT David Sullivan.
- ▶ COF Symposium (Renaissance Hotel Glendale, AZ, June 21-24, 2021)
  - ▶ Soliciting for abstracts later this year.
  - ▶ Possible Pre-Conference Training opportunity (Post-Disaster Response).
  - ▶ Lead: LCDR Fred Kelly, Co-Lead: LCDR Matthew Palo, Lead-on-Deck: LCDR Michael Gifford.
- ▶ SAME - JETC (Oregon Convention Center, OR, May 18-21, 2021)
  - ▶ An internal kickoff meeting is happening on Friday.
  - ▶ Lead: CDR Benjamin Marnell.



LCDR Derrick Buck,  
Chair



LCDR Michael Gifford,  
Vice Chair



# Information Subcommittee

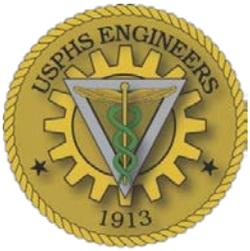
- ▶ Content Management
  - ▶ Up to date on website requests
  - ▶ Submit update requests to [EPAC-POSTINGS@LIST.NIH.GOV](mailto:EPAC-POSTINGS@LIST.NIH.GOV) .
  - ▶ Nothing new on the [Anonymous Feedback](#) section on website
- ▶ EPAC Newsletter
  - ▶ We have received 5 articles for inclusion to date for the Fall 2020 EPAC Newsletter
  - ▶ Final Fall 2020 Newsletter completed around the end of October
- ▶ Combined Category Newsletter
  - ▶ On hold



CAPT Josh Simms,  
Chair



LCDR Garrett Chun,  
Vice Chair



# Public Health Engineering Practice Subcommittee

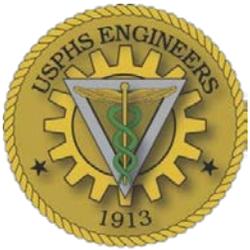
- ▶ Administrative
  - ▶ Addressed comments in SOP from Rules Committee
  - ▶ Uploaded SOP onto PHEP website
- ▶ Article Publications
  - ▶ Reviewed one article
  - ▶ PHEP is always available to review articles, reach out to CDR James Coburn - [James.Coburn@fda.hhs.gov](mailto:James.Coburn@fda.hhs.gov)



CDR Leo Gumapas,  
Chair



CDR James Coburn,  
Vice Chair



# Readiness Subcommittee

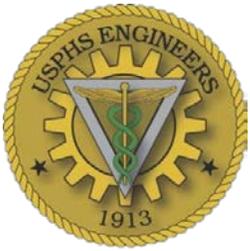
- ▶ Deployment Readiness Support: Improve Engineer Readiness
  - ▶ Survey questions for Readiness Survey updated
  - ▶ Working on identifying survey platform for distribution to voting members
- ▶ Readiness Training and Education: Training Curriculum
  - ▶ 2021 COA Pre-Conference training collaboration w/ Events
    - ▶ Post Disaster Safety Assessment Training of Buildings
  - ▶ Healthcare Facilities Training Initiative Developed - LCDR Praveen KC
    - ▶ Mini presentation on healthcare facilities codes (NFPA, ASHRAE, FGI)
    - ▶ Identify various trade tools and equipment (balometer, anemometer, and differential air pressure gauge) that may be used during deployment.
- ▶ Information Management/Engineer Booklet: Engineer Deployment Narrative
  - ▶ 2019 Deployed Engineers Booklet under 508 compliance review
  - ▶ COVID 19 Engineer Narratives Booklet anticipated complete by 9/30.



CDR Frank Chua,  
Chair



CDR Sean Bush,  
Vice Chair



# Recruitment and Retention Subcommittee

- ▶ Voting Members: Please provide comments on draft survey by September 18<sup>th</sup>
- ▶ Meetings are bi-monthly with next meeting September 24<sup>th</sup>



LCDR Praveen KC,  
Chair



LCDR Fred Kelly,  
Vice Chair



# Rules Subcommittee

- ▶ Rules SOP is posted on our website
  - ▶ Great job to all Subcommittees submitting SOPs for format review.
  - ▶ Continue to work with Subcommittees on their SOPs and expect all to be completed and posted by year end.
- ▶ Congratulations to the new incoming voting members!

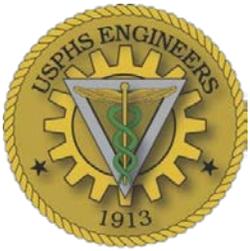
Voting Member	Agency	Duty Station	
CDR Gregory Ault	IHS	Billings	MT
CDR Tara Gooen Bizjak	FDA	Silver Spring	MD
CDR Stacey Yonce	EPA	Washington	DC
LCDR Melissa de Vera	IHS	Bemidji	MN
LCDR Michael Simpson	FDA	Silver Spring	MD
LCDR Travis Sorum	IHS	Ukiah	CA
LT Bryan Wimer	CDC	Morgantown	WV



CDR Deb Cox,  
Chair



LCDR Matt Palo,  
Vice Chair



# Strategic Planning for Engineering Subcommittee

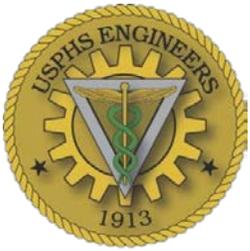
- ▶ CDR Russell will begin work planning and mapping the process of updating the Engineer category strategic plan
- ▶ This will include more volunteers to support this effort, but will require input over workplan from the CPO
- ▶ Steps to be taken over the next month:
  - ▶ Meet with CPO
  - ▶ Draft Workplan and set milestone targets
  - ▶ Assess resource needs for volunteers for report during September EPAC meeting



CAPT David Harvey,  
Chair



CDR Sam Russell,  
Vice Chair



# EPAC Funding Proposals

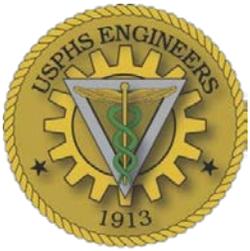
- ▶ Career Development Subcommittee
  - ▶ PE Book Exchange Shipping Costs (\$50)
  
- ▶ Events Subcommittee
  - ▶ Flag Rain Covers (\$137.17)



LCDR Omobogie Amadasu, Chair



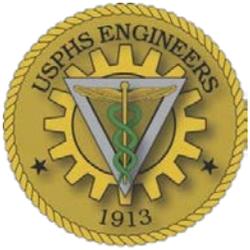
LCDR Derrick Buck, Chair



# Health Facilities Engineer's Role: COVID-19 Deployment

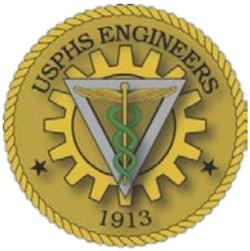


LCDR Praveen K.C.



# Objective

- ▶ What to expect during COVID deployment
- ▶ What is expected of you on the ground
- ▶ How to prepare for COVID-19 Deployment



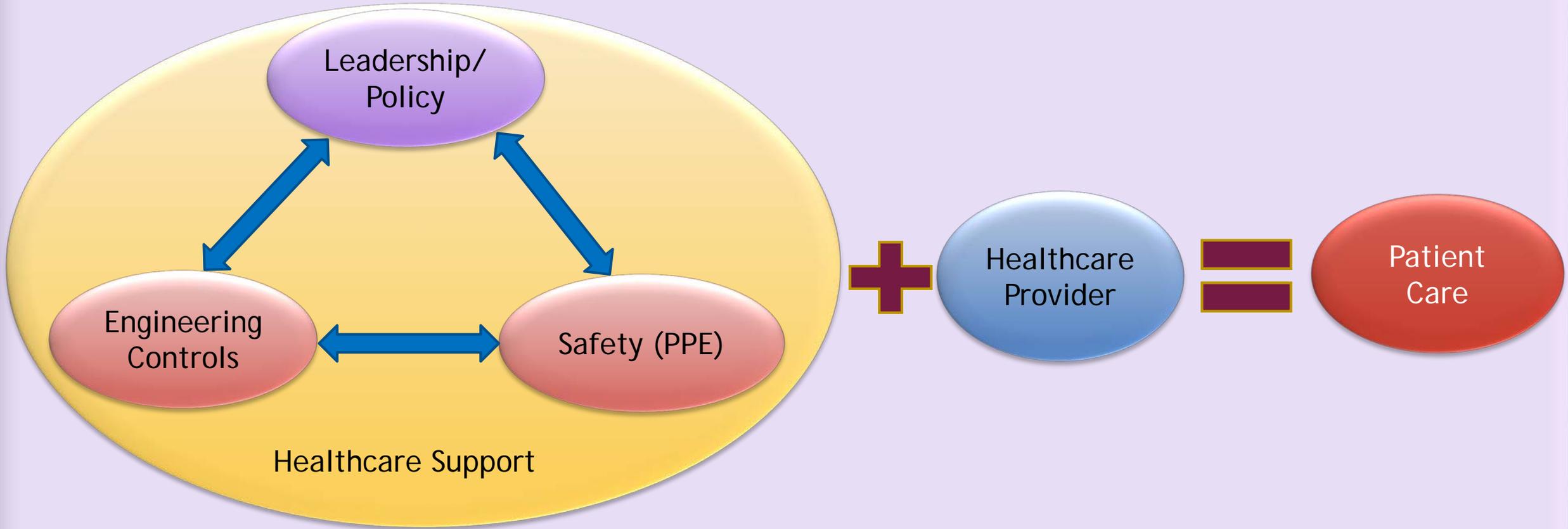
# What to expect during COVID deployment

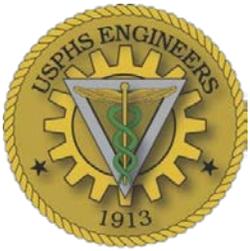
- ▶ Two Scenarios:
  - ▶ An established hospital
  - ▶ A make shift facility - Could be tent hospital, auditorium



Phoenix Indian Medical Center, Phoenix, AZ

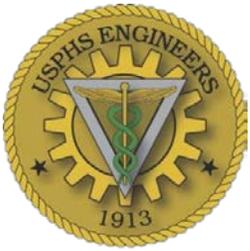
# HEALTHCARE FACILITY





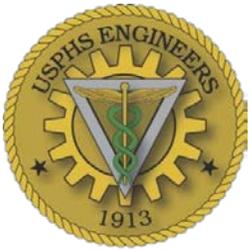
# What to expect during COVID deployment

- ▶ An Established Hospital:
  - ▶ Hospital maxed out of its regular capacity
  - ▶ All Infection Isolations rooms and regular patient care rooms are used to treat COVID Patients.
  - ▶ Most likely an old structure and aged mechanical, electrical and computer system
  - ▶ Facility and clinician staff stressed out, over worked and some contracting to COVID-19
  - ▶ Facilities department converting regular exam rooms to treat COVID patients by modifying HVAC and Mechanical Systems
    - ▶ Risk Assessment
    - ▶ AHJ's concurrence for temporary modification



# What is expected of you on the ground

- ▶ Facilities Engineer:
  - ▶ Good Knowledge of FGI Guidelines, NFPA 101 and 99, IBC and IMC Code
  - ▶ Knowledge of CDC guidelines
  - ▶ Understanding of Mechanical and Electrical system of Healthcare Facilities
  - ▶ Design and Cost estimation (labor and material)
  - ▶ Project management
  - ▶ Building Automation System
  - ▶ Troubleshooting experience of Mechanical and Electrical systems
  - ▶ Coordination with safety officer



# How to prepare:

## ▶ Before deployment:

- ▶ CDC Guidelines for Dental Setting: Optimize the Use of Engineering Controls (<https://www.cdc.gov/coronavirus/2019-ncov/hcp/dental-settings.html>)
- ▶ CDC Guideline: Guidelines for Environmental Infection Control in Health-Care Facilities (<https://www.cdc.gov/infectioncontrol/pdf/guidelines/environmental-guidelines-P.pdf>)
- ▶ NFPA Code 101 and 99 as well as IBC and IMC if facilities re Tribally owned
- ▶ FGI Guidelines
- ▶ During first couple of days of deployment:
  - ▶ Familiarize with hospital's policy for infection control and COVID policy.

Accessible version: <https://www.cdc.gov/infectioncontrol/guidelines/environmental/index.html>



**Guidelines for Environmental Infection Control in Health-Care Facilities**

Recommendations of CDC and the Healthcare Infection Control Practices Advisory Committee (HICPAC)

U.S. Department of Health and Human Services  
Centers for Disease Control and Prevention (CDC)  
Atlanta, GA 30329

2003  
Updated: July 2019



Centers for Disease Control and Prevention  
CDC 24/7: Saving Lives, Protecting People™

**Coronavirus Disease 2019 (COVID-19)**

**Guidance for Dental Settings**

Interim Infection Prevention and Control Guidance for Dental Settings During the COVID-19 Response

Updated June 17, 2020 Print Page

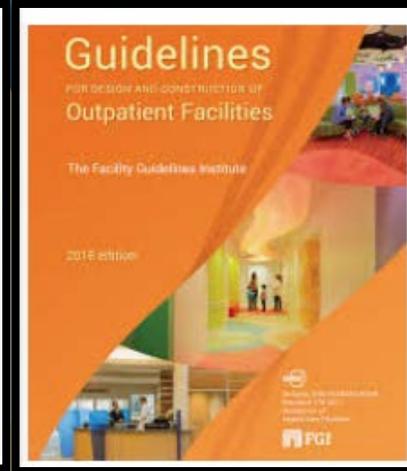
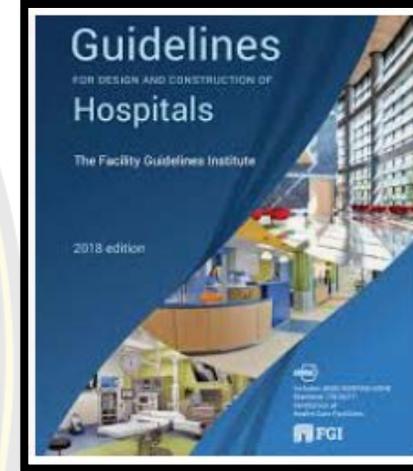
Current Status: Active PolicyStat ID: 7879843




Origination:	04/2020
Effective:	04/2020
Last Approved:	04/2020
Last Revised:	04/2020
Next Review:	04/2023
Owner:	Laura Tillman: Chief Medical Officer
Area:	Administrative - Emergency Management
References:	
Applicability:	Phoenix Service Unit

**Covid-19 Hospital Inpatient Surge Plan**

Covid-19 Hospital Inpatient Surge Plan Purpose



Current Status: Active PolicyStat ID: 8064952




Origination:	04/2020
Effective:	05/2020
Last Approved:	05/2020
Last Revised:	05/2020
Next Review:	05/2023
Owner:	Chirwan Glady: Director Integrated Surgical Services
Area:	Urological - Integrated Surgical Services
References:	
Applicability:	Phoenix Service Unit

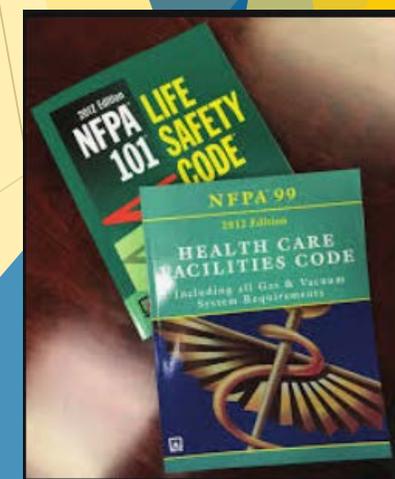
**Main Operating Room Guidelines for Surgical Management of Patients with Suspected or Confirmed COVID 19**

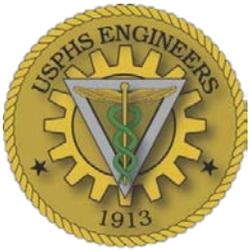
Current Status: Active PolicyStat ID: 8185017




Origination:	03/2004
Effective:	06/2020
Last Approved:	06/2020
Last Revised:	06/2020
Next Review:	06/2021
Owner:	Lisa Boruff: Supervisory Infection Control Nurse
Area:	Administrative - Infection Prevention and Control
References:	
Applicability:	Phoenix Service Unit

**Tuberculosis (TB) Infection Control Plan**





# Closing and Questions

Contact:

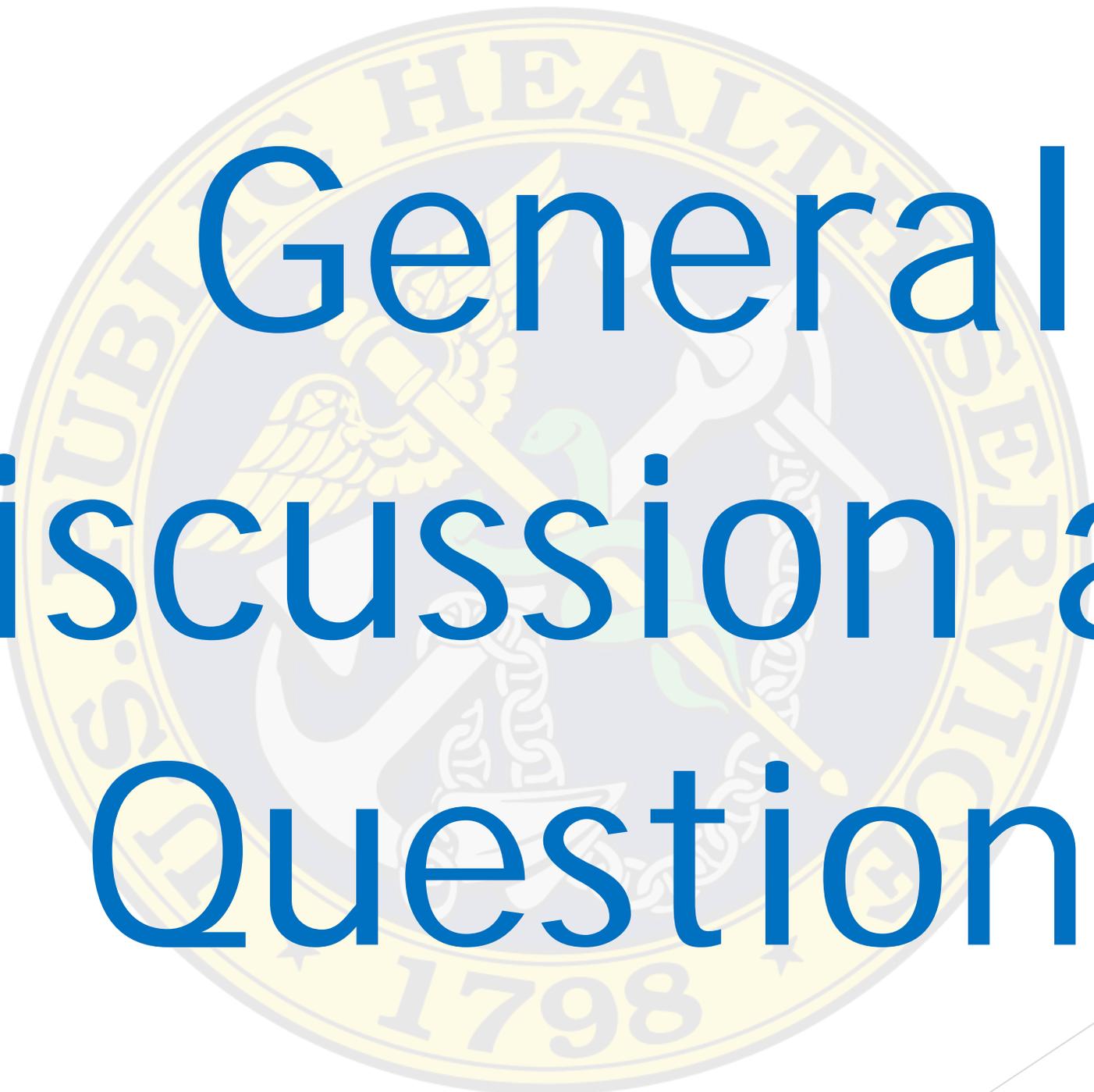
LCDR Praveen KC, P.E., CEM, LEED GA

Chair : Recruitment and Retention  
Subcommittee, EPAC

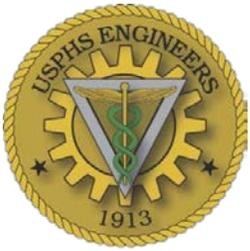
*Email: [KC.Praveen@epa.gov](mailto:KC.Praveen@epa.gov)*

*Office: 202-564-5044*

*Cell 202-845-3450*

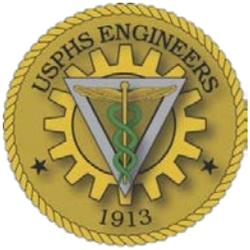
The background features a large, faint, circular seal of the Massachusetts Department of Public Health. The seal contains the text "MASSACHUSETTS DEPARTMENT OF PUBLIC HEALTH" around the top edge and "1798" at the bottom. In the center, there is a caduceus (a staff with two snakes) and a figure holding a staff and a bowl. The text "General Discussion and Questions" is overlaid in a large, blue, sans-serif font.

# General Discussion and Questions



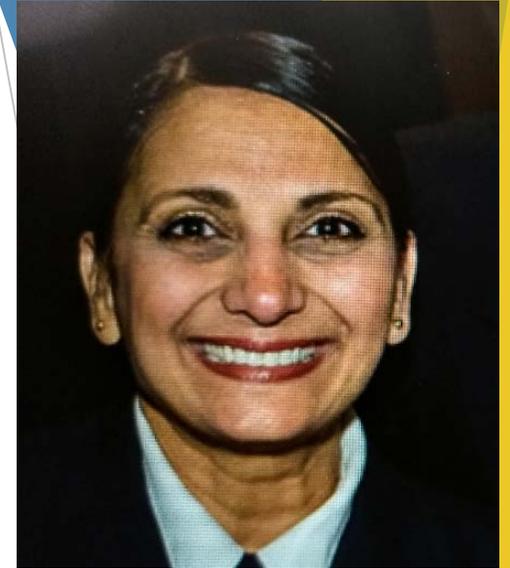
# 2021 EPAC Chair Elect and 2022 EPAC Chair Statement of Intent

- ▶ LCDR Praveen K.C., EPA

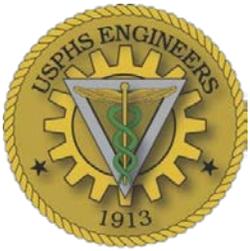


# Commissioned Corps Women's Issues Advisory Board Update

- ▶ CCWIAB liaison to JOAG needed
- ▶ Maternal Mortality Initiative and Parental Leave Proposal: both pending update status from CCHQ
- ▶ Uniform Updates is coming. CCHQ confirmed some of the proposal from CCWAIB was incorporated but did not indicate which ones.
- ▶ CCWAIB goal this year to develop OBC anti-harassment and discrimination resource and training.
- ▶ **ACTION ITEM:** Engineer Liaison for CCWIAB from Jan 2021 to Dec 2023.
  - ▶ Engineer will be a voting member of CCWAIB. Will need to attend both monthly CCWIAB calls and EPAC calls as well as be active member of the CCWIAB. Please contact CAPT Varsha B. Savalia at [Varsha.Savalia@FDA.hhs.gov](mailto:Varsha.Savalia@FDA.hhs.gov) with your interest.



CAPT Varsha Savalia,  
CCWIAB Liaison



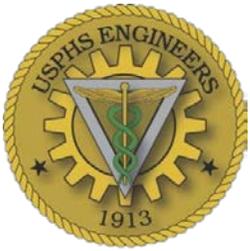
# Commissioned Officer's Association Update

- ▶ Nothing substantive to report this month



CDR Brad Cunningham,  
COA Liaison





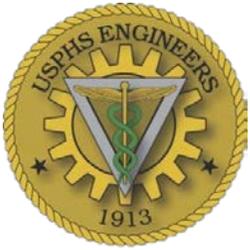
# Junior Officers Advisory Group Update

- ▶ JOAG OY20-21 begins on 10/1/2020, my term is ending on 9/30/2020
- ▶ OY20-21 JOAG Chair is LCDR Beth Wittry
- ▶ Your new EPAC/JOAG Liaison for OY20-21 is LCDR Michael Wandersee
- ▶ Please join us for a **Journeyman Speaker Series (JSS)** presentation on Friday, September 11th, 2020 at 1300-1400 EST
  - ▶ CDR William Bird will be presenting on *Overview of PACE - Prevention Through Active Community Engagement*
  - ▶ Conference Call Dial-in: 1-302-202-1106  
Conference Code: 825385



LT Colin Tack,  
JOAG Liaison





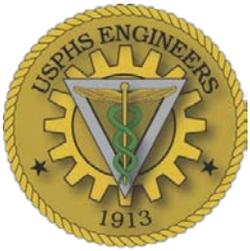
# Society of American Military Engineers Update

- ▶ Executive Advisory Group (formerly USAG) 25 Aug 2020
  - ▶ SAME briefed group on SBC developments
  - ▶ SAME briefed group on National Leader Development Program
    - ▶ 1<sup>st</sup> years class graduated, 2<sup>nd</sup> class has one PHS officer
  - ▶ Centennial Golden Eagles Awards postponed until Capital Week
  - ▶ Project Management Agreement and Cost Estimating work groups gave updates
- ▶ Small Business Conference will be virtual but not the same as JETC
  - ▶ Market Research Event
  - ▶ No Chiefs Panel this year
  - ▶ 8 Professional development tracks - 2 health care oriented
  - ▶ 04-06 November 2020
  - ▶ <https://www.samesbc.org/about.cfm>



CDR Steve Sauer,  
SAME Liaison





# Closing Remarks and Adjourn

- ▶ Voting Members
  - ▶ Reminder to vote by COB September 14 for two EPAC Funding Requests, currently have 30% of the votes:
    - ▶ For PE book exchange shipping costs by the Career Development Subcommittee
    - ▶ For rain covers and shipping costs of flags by the Events Subcommittee
  - ▶ Please provide recommendations for spending EPAC funds
- ▶ Please submit COVID-19 narratives and articles for the newsletter!
- ▶ Please continue to maintain your readiness. Check Self Service Platform for the latest announcements.
- ▶ Thank you to all who have deployed!



RADM Edward Dieser,  
Chief Engineer



CDR Samantha Spindel,  
28 EPAC Chair