



Health Services Officer Category



Medical Laboratory Science Professional Advisory Group (MLSPAG) Meeting Minutes

April 13, 2017

Location: Teleconference/Webinar
Time: 1400 – 1500, ET
1-866-882-1054
Passcode: 206 64 64

MLSPAG Chair:
LCDR David Young

MLSPAG Executive Secretary:
LCDR Thomas J. Maruna

ATTENDEES:

Voting Members

CDR Toni Bledsoe	Excused
CDR Renee Galloway	Present
CDR June Germain	Present
LCDR Richard Bashay III	Present
LCDR Charles Boison	Present
LCDR Lisa Flores	Present
LCDR Camille Mitchell	Excused
LCDR Emmanuel Ndenga	Present
LCDR Babatunde Oloyede	Present

MLSPAG Members in Attendance

CAPT Todd Alspach
CAPT Daisy Mitchell
CAPT L. Jane Preston
CDR Robin Goodwin
CDR Shah Khan
CDR Cara Nichols
CDR Karen Romancito
LCDR Jessica Damon
LCDR Tameika Kastner
LCDR Julie Morris
LCDR Pamela Ogonowski
LCDR Jennifer Werito
LT Ashley Frost
LT Noel Miraflor
LT Shercoda Smaw

Enclosure:

Appendix A: Slide Deck - MLSPAG Technical Readiness Subcommittee Webinar
Appendix B: Slide Deck – April 13, 2017 MLSPAG Meeting

Minutes prepared by: LCDR Thomas J. Maruna, MSc, MLS(ASCP), CPH

AGENDA:

1. [Roll Call](#)
 2. [Approval of February 2017 Minutes](#)
 3. [MLSPAG Chair Updates](#)
 4. [MLSPAG Subcommittee Updates](#)
 5. [Questions/Concerns](#)
 6. [MLSPAG Technical Readiness Subcommittee Webinar](#)
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ROLL CALL:

As noted above

APPROVAL OF FEBRUARY 2017 MINUTES:

The minutes from February 9, 2017, were approved by vote.

MLSPAG CHAIR UPDATES:

1. The CPO mentioned during the April HSPAC All Hands call that the SG's three new priorities will be dealing with the opioid crisis, nutrition/food safety, and the emotional well-being. The CPOs will be meeting to discuss how each category can contribute to these priorities.
2. Uniform SOP template: most PAGs have not received the Uniform SOP template. The Public Health PAG is currently piloting the uniform PAG SOP and the HSPAC Policy Subcommittee anticipates the SOP to be disseminated to the PAGs sometime in June this year.
3. Currently the HSPAC's basic readiness status is at 92.7%. If you are currently not Basic Ready, please ensure that you take the necessary steps to rectify your readiness status.
4. The Category Historian is seeking contribution from Health Services Officers if they have any knowledge of the category history. If you have any Category history information that you would like to share, please contact LCDR Patricio Garcia at Patricio.Garcia@fda.hhs.gov
5. In celebration of the 2017 Laboratory Professionals Week, we will be participating with the virtual 5k run. This event has been approved by the PHS athletics and if you are participating and interested in receiving credit, please contact LCDR David Young (david.young@fda.hhs.gov) or LCDR Thomas Maruna (Thomas.Maruna@fda.hhs.gov) for further details.

6. During the PAG Chairs meeting, the HSPAC Recruitment and Retention stated that the MLS discipline will be open for recruitment this summer. At the present time, I don't have additional details on the recruitment process, but will share with you all as soon as I have additional info
7. On Monday, I sent out a flyer in regards to the Remote Area Medical mission that will take place in Chattanooga from June 2 to 4. While they are looking for specific disciplines, such as optometrists, dental hygienists, and mental health officers, I believe they have some room for officers who does not fall under those disciplines. If you are interested in volunteering, please contact the POC on the flyer.
8. The PHS Scientific and Training Symposium will be held in Chattanooga this year from June 6-9. Registration is now open, so please be sure to register if you're planning to attend.
9. A new initiative that was developed from the PAC is to have monthly calls with all the PAG Chairs and Chair Elects. The reason for this initiative is to ensure smooth transition from the PAG Chair to Chair Elect, as well as to identify issues and resolutions that may affect the PAGs during the operational year.
10. As you all know, the roles of the PAG Subcommittee Chairs have changed in that only voting members are allowed to be PAG Subcommittee Chairs. That being said the PAG Subcommittee Chairs and Co-Chairs will now serve as a liaison between the PAC and PAG for their respective Subcommittees, to promote smooth flow of information and encourage open communication and ideas.
11. As you are aware the pre-2004 MT ASCP certification issue has reached a resolution. For those who submitted to me a copy of their certification by the deadline, April 7, it was submitted to DCCPR for processing. For those who submitted their documentation to me after the deadline, I will send it forward with the next batch.

MLSPAG SUBCOMMITTEE UPDATES

Awards

LCDR Emmanuel Ndgenga – Lead, CDR Jeri Coats – Co-Lead

None

Communications

LCDR Lisa Flores – Lead, Lcdr Charles Boison – Co-Lead

An all-hands call for articles was distributed on March 31st. The subcommittee expects all articles to be completed by May 26, 2017.

Data & Evaluation

CDR Toni Bledsoe – Lead, CDR Cara Nichols

None

Management – Administrative

CDR Renee Galloway – Lead, LT Helen Chavez – Co-Lead

The subcommittee has been evaluating the HSPAC uniform SOP and has completed four sections (approximately 25%). The subcommittee is exploring redesigning the MLSPAG coin and has inherited treasury funds to do so. Updates concerning the coin redesign will be presented at the August 2017 MLSPAG meeting.

Policy

LCDR Camille Mitchell – Lead, CAPT Todd Alspach – Co-Lead

The Public Health PAG (PHPAG) is pilot testing the HSPAC uniform SOP template; the subcommittee will review the results of the pilot testing. Once all noted issues have been resolved, the SOP template will be distributed to the PAGs for implementation. Please note that the PAG and PAC SOPs are separate; the standardized template SOP being piloted by the PHPAG is to be used at the PAG level. Each individual subcommittee must develop their own SOP, which are not standardized.

Recruitment and Retention

LCDR Charles Boison – Lead, Lcdr Katrina Redman – Co-Lead

None

Stakeholder and Community Engagement

LCDR Babatunde Oloyede – Lead, Lcdr Lundy Patrick – Co-Lead

A meeting was held two weeks ago where academic visitations were discussed; further updates will be provided during the August 2017 MLSPAG meeting. The subcommittee is soliciting two additional volunteers and will stop recruiting once seven members have been reached.

Technical Readiness

CDR June Germain – Lead, Lcdr Jessica Damon – Co-Lead

Webinar delivered. See appendix A

Training, Education, and Mentorship

LCDR Richard Bashay III – Lead, CDR Karen Romancito – Co-Lead

The subcommittee is developing a poster depicting MLS officers in action. These will be distributed at the annual symposium. The subcommittee will initiate Lab Week games; the subcommittee Lead will coordinate with the MLSPAG Executive Secretary for distribution. The first two officers to submit complete and correct answers will receive a prize. The next case study will be distributed in June and is eligible for 1.00 CE credits. To be eligible for CE credits, officers must submit their responses to the case study questions to the Training, Education, and Mentorship subcommittee by the prescribed date in the announcement. The HSPAC is updating the mentorship website. All officers are encouraged to visit the HSPAC mentorship website to sign up (<https://dcp.psc.gov/osg/hso/sub-mentoring-program.aspx>).

QUESTIONS/CONCERNS

None discussed at meeting.

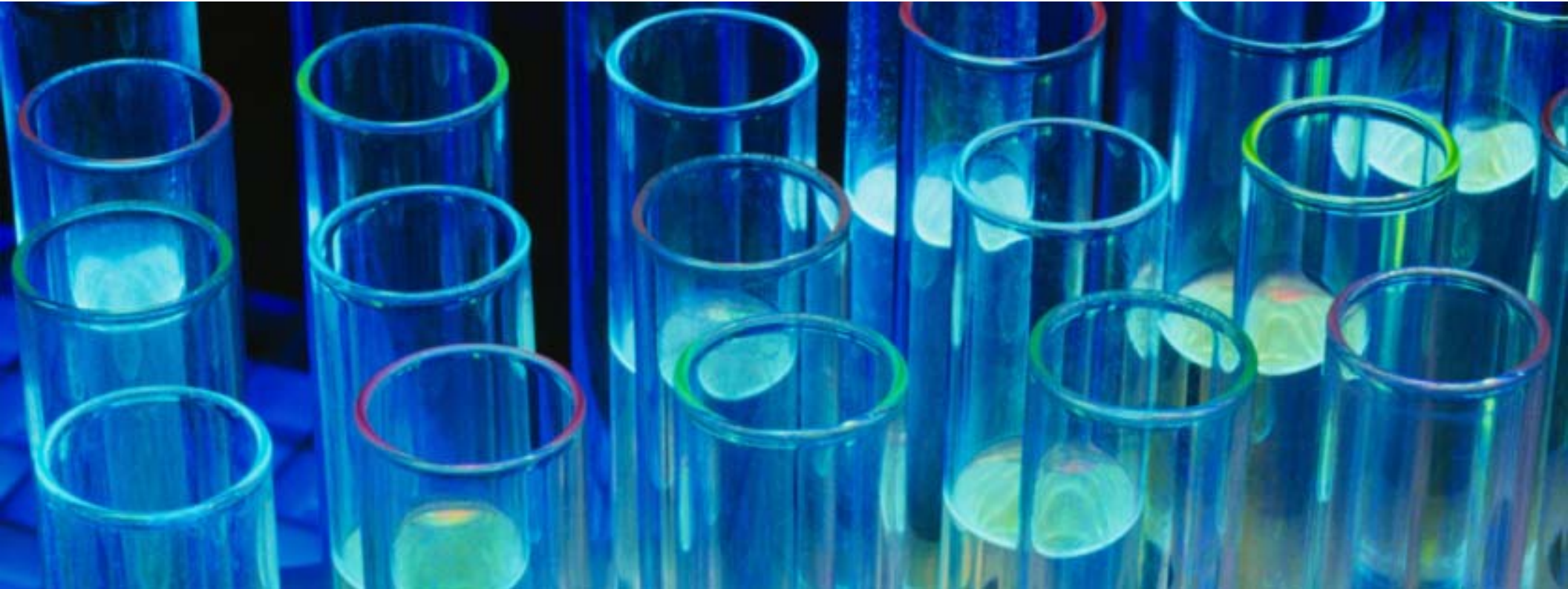
For those of you who may be shy or uncomfortable in speaking out in a public forum, feel free to contact Lcdr David Young (david.young@fda.hhs.gov) or Lcdr Thomas Maruna

(Thomas.Maruna@fda.hhs.gov) if there are any issues or concerns that you want to bring up to me off line.

MLSPAG TECHNICAL READINESS SUBCOMMITTEE WEBINAR

See appendix A

END



Deploying in a clinical deployment role as an MLS officer with the USPHS – Part I

Presented by the MLSPAG Technical Readiness Subcommittee

Objectives

- Enhance MLS deployment experiences for expanded preparation, planning, and practical training
- Introduction to the FMS Lab Cache Standard Operating Procedures (SOP) provided by the Office of the Assistant Secretary of Response (ASPR)
- Overview of the ASPR FMS Lab Cache contents – Covered in Part I
 - Presentation at the April 2017 PAG Meeting
- Overview of the ASPR FMS Lab Cache Instruments – Covered in Part II
 - Planned presentation at the August 2017 PAG meeting



PHS Requirements for Readiness

Deployment Readiness requirements are met when the MLS officer:

- Holds active certification in medical technology/medical laboratory science
- Maintains a minimum of 80 hours of clinical laboratory experience per year
 - Applicable only if your professional credentials allow you to operate in a clinical setting **AND** you select a clinical deployment role (<https://dcp.psc.gov/osg/hso/sub-readiness-deployment.aspx>)
- Holds current Basic Life Support Providers certification
- Passes annual APFT exam
- Has current immunizations (including flu)
- Completion of the Readiness Course Modules (12 courses)
- Possesses a current 5 year Medical Exam on file

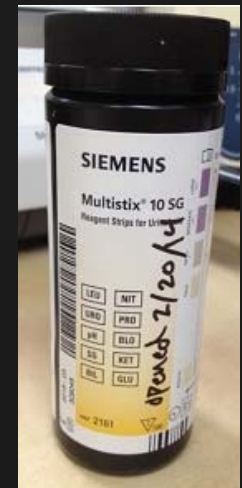
What does Readiness look like?

- **MLS Officers who are ready to deploy in clinical deployment role should possess familiarity with:**
 - **Lab Cache Equipment**
 - QC & Calibration Procedures
 - Basic Maintenance
 - **Lab Cache Standard Operating Procedures**
 - Test Procedures
 - Test Methodologies & Reagents in use
 - **Basic Infection Control Techniques**
 - **Blood Borne Pathogens Expertise**
 - **Expert Phlebotomy Skills**
 - **Strong Basic Lab Skills** (Pipetting, Aliquotting, Microscope use/handling)



Deployment Training & Resources

- Let's briefly explore the **ASPR FMS LAB Cache**
 - ASPR lab director
 - The equipment – 2 different packages
 - Lab Cache Basic
 - Lab Cache Basic Plus
 - The test menu
 - Standard Operating Procedures Manual
 - Note - Forms used for documentation are located in the SOP



ASPR Lab Cache – Lab Director

Meet LCDR Chris Le, MS, MLS (ASCP)cm

- LCDR Le is the Laboratory Director and Biomedical Lead for ASPR. He provides direct operational oversight to ASPR's delivery of laboratory and biomedical services for disaster responses, public health emergencies, and National Special Security Events.
- The success of ASPR Laboratory Program continues to depend on the contributions of the MLS Officers. I look forward to having the opportunity to conduct on site trainings at ASPR.



ASPR Lab Cache Equipment List

- **Lab Cache Basic Package Contains:**
 - i-STAT with Chem8+ and G3+ test cartridges
 - Clinitek Status with Siemens Multistix 10SG
 - One Touch Ultra glucometer with test strips
 - Rapid tests
 - Consult Diagnostics Urine hCG
 - LifeSign MI Myoglobin/CK-MB/Troponin I
- **Lab Cache Basic PLUS Package Contains:**
 - **ALL Lab Cache Basic contents plus**
 - Additional i-STAT test cartridges of BNP and PT/INR
 - Beckman Coulter AcT Diff 2 hematology analyzer
 - Piccolo (Liver Function Testing)
 - Alere Triage – Urine Drugs of Abuse Panel plus TCA
 - Hemocult ICT
 - Chembio HIV ½ STAT Pak

ASPR Lab Cache Test Menu

- Lab Cache Basic & Lab Cache Basic Plus

- Urine Dip
- Urine Pregnancy
- Blood Gases
 - pH
 - PCO₂
 - PO₂
 - TCO₂**
 - HCO₃*
 - BE*
 - sO₂*
- Cardiac Markers
 - Myoglobin
 - CK-MB
 - Troponin I
- FS Blood Sugar
- HIV 1/2 Screen
- CBC

- Chem 8+
 - Sodium (Na)
 - Potassium (K)
 - Chloride (Cl)
 - Ionized Calcium (iCa)
 - TCO₂
 - Glucose (Glu)
 - Urea Nitrogen (BUN)
 - Urea Creatinine (Crea)
 - Hematocrit (Hct)
 - Hemoglobin* (Hgb – Calculated)
- PT/INR
- BNP

- Urine Drugs of Abuse
 - Phencyclidine (PCP)
 - Benzodiazepines (BZO)
 - Cocaine Metabolite (COC)
 - Amphetamines (AMP)
 - Tetrahydrocannabinol (THC)
 - Opiates (OPI)
 - Barbiturates (BAR)
 - Tricycle Antidepressants (TCA)
- Liver Function Panel Plus
 - TCHOL
 - HDL
 - TRIG
 - ALT
 - AST
 - GLU
 - LDL (Calculated)
 - VLDL (Calculated)
 - CHOL/HDL RATIO (Calculated)

ASPR Lab Cache Standard Operating Procedures

ASPR Lab Cache Standard Operating Procedures is in *DRAFT* but the final version is **coming soon!** As soon as ASPR tells us that we are able, we will disseminate the final version to all MLS Officers.

PURPOSE AND SCOPE

This Directive sets forth the ASPR Laboratory Standard Operating Procedures and Standards **to be followed by all deployed personnel involved with the maintenance, storage, deployment, handling, and operation of ASPR laboratory equipment**, or supervision of deployed staff who use, maintain, transfer, or store ASPR laboratory instruments, reagents, and records (training, maintenance, patient) as outlined. These procedures are designed to ensure safe and effective operation of all ASPR laboratory elements in compliance of all applicable federal, OSHA, and CLIA regulations or requirements. This instruction **provides guidance and applies to all personnel that may operate ASPR laboratory components**, or supervise personnel who use, maintain, transfer, or store ASPR laboratory instruments, reagents, and records. This directive will encompass every aspect of a quality ASPR program by describing principles, methods, interpretations, instrument maintenance and lines of authority for the ASPR Laboratory.

Deployment Training & Resources

- Other learning resources abound across the internet. Below are just a few key subjects for the MLS officer's review:
 - Safe [phlebotomy](#) practices using standard precautions
 - [Blood Borne Pathogens](#) review
 - Basic laboratory safety procedures (locate a source)
 - Infection control in shelter environments (locate a source)
 - [Hand Hygiene](#)
 - [PPE](#) – donning and doffing



Deployment Training & Resources

Lab Cache [Equipment](#) and [Rapid Test Kit](#) Trainings :

[iSTAT](#) – downloadable e-learning course by Alere

[AcT Diff 2](#) – viewable training by Beckman Coulter

[Piccolo Xpress](#) - viewable training by Abaxis

[Clinitek Status](#) – independent training using Multistix 10SG strips

[Hemocult ICT](#) – viewable training by Beckman Coulter

[HIV 1/2 Stat-Pak](#) – viewable training by Chembio



Opportunities to Enhance & Improve

The MLSPAG Technical Readiness subcommittee recognizes that there are many opportunities to enhance the skills of our fellow officers. We are exploring many of these and expect to provide tools and training assistances in the future. Here are a few ideas we are exploring:

- ASPR Lab Cache Trainings
 - On site opportunities at ASPR
 - Documentation for upload of ASPR approved annual trainings for the cache testing
- Downloadable/ Interactive dossier of annual readiness trainings, license etc...
 - This could be maintained on a jump drive for easy portability
 - Can be presented to directors for standing labs to which the officer has deployed



Thanks!

This presentation was brought to you by the MLSPAG Technical Readiness

Subcommittee :

Chair CDR June Germain

Co-chair LCDR Jessica Damon

CAPT Daisy Mitchell

LCDR Tameika Kastner

LCDR Louis Corbin

LCDR Osamede Chris Onaghise

LT Julie Smoot



2017 April MLSPAG Meeting

Thursday, April 13, 2017

LCDR David Young - Chair
David.Young@fda.hhs.gov

LCDR Thomas Maruna - Executive Secretary
Thomas.Maruna@fda.hhs.gov



Agenda

- Roll Call
- Approval of February 2017 Minutes
- MLSPAG Chair Updates
- MLSPAG Subcommittees Updates
- Questions/Concerns
- MLSPAG Technical Readiness Subcommittee Webinar

Roll Call (Voting Members)



- CDR Toni Bledsoe
- CDR Renee Galloway
- CDR June Germain
- LCDR Richard Bashay III
- LCDR Charles Boison
- LCDR Lisa Flores
- LCDR Camille Mitchell
- LCDR Emmanuel Ndenga
- LCDR Babatunde Oloyede



MLSPAG Chair Updates

- SG's priorities
- Pilot: uniform PAG SOP template
- HS Category: Basic Readiness
- HS Category: Historian
- 2017 Laboratory Professional Week - Virtual 5k run
- 2017 MLS Discipline - Recruitment
- Remote Area Medical (RAM), Chattanooga, TN (June 2-4)
- USPHS Scientific and Training Symposium, Chattanooga, TN (June 6-9)
- PAG Chairs/Chair-Elects Leadership Calls with CPO
- PAG Subcommittee Chairs/Co-Chairs roles
- MT(ASCP) certification (Pre-2004) resolution



MLSPAG Subcommittee Updates

- Awards
- Communication
- Data & Evaluation
- Management – Administrative
- Policy
- Recruitment and Retention
- Stakeholder and Community Engagement
- Technical Readiness
- Training, Education, and Mentorship



Next MLSPAG Meeting

Thursday, August 10, 2017
1400-1500 ET

Toll-free teleconference line: 1-866-882-1054
Passcode: 206 64 64

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