IACP POLICE PHYSICIANS SECTION
CONFERENCE AGENDA

Room W185A

SATURDAY, OCTOBER 26, 2019

10:00 AM – 11:30 AM  MEDICAL AND PSYCHOLOGICAL IMPACTS OF TRAUMA: JOB PERFORMANCE AND RESILIENCY
Joseph Mignogna, Chief Medical Officer - Comprehensive Health Services

This presentation will review the interplay between mental and physical health after LEO experience with and exposure to trauma and impacts on LEO performance and well-being. Clinical screening, assessment and management tools will be discussed.

12:30 PM – 1:30 PM  UNCONVENTIONAL APPROACH TO AN ASYMMETRICAL ENVIRONMENT: THE CRITICAL NEED TO DEVELOP LECC PROGRAMS
Marc Reiswig, Tactical Physician and Medical Director - Washington State Patrol

This presentation will provide a schematic for agencies to build or expand existing law enforcement first aid programs into a tiered Law Enforcement Casualty Care Program. We will show attendees how Ofc. Verhaar and Dr. Reiswig utilized new and existing relationships to facilitate the exchange of information between LE, doctors, and Military Special Operations Medics. Specifically targeting risk mitigation as well as fiscal restrictions, we will discuss how to build a program tailored for LE officers and the dynamic operational environment in which they work. This presentation will provide metrics and case studies of how the Seattle Police Department employed this tiered program to result in saving lives of both ofc’s and community members.

2:00 PM – 3:00 PM  MARIJUANA IMPAIRED DRIVING IS NOT JUST EYE MOVEMENT: THE RETINA AND NEUROPROCESSING
Denise A. Valenti, CEO - IMMAD, LLC

There are cannabinoid receptors throughout the eye and visual pathway. These receptors are in all layers of the retina, the eye major brain relay nuclei lateral geniculate nucleus and in the major region of vision the occipital cortex. This overview will discuss the current status of research related to animal and human functions including those measures of visual function and structural imaging of retina and brain. States with legal adult use of marijuana are having higher rates of fatal crashes as well as increased rates of pedestrian deaths. This lecture will review how the visual deficits being identified in research contribute to these vehicle crashes with fatal injury.
SUNDAY, OCTOBER 27, 2019

8:00 AM – 9:30 AM OFFICER WELLNESS: A MULTI-DISCIPLINARY APPROACH TO KEEPING OFFICERS FIT, HEALTHY, AND ON THE JOB

Greg Davis, Captain – Texas DPS

The Presidential Task Force on 21st Century Policing emphasized the need for comprehensive officer wellness. Many different approaches to this elusive topic have been attempted. Despite previous efforts, law enforcement officers still suffer from disproportional rates of heart disease, obesity, diabetes and hypertension. With these risks, police officers have reduced job effectiveness, proven increase in personal and agency liability and substantially reduced life expectancy. The Texas Department of Public Safety has taken the lead in successfully mitigating these risks with a comprehensive and award-winning program of physical fitness testing and assessment, wellness, resiliency and nutrition.

10:00 AM – 11:30 AM HOW CAMDEN POLICE AND COOPER HEALTH PARTNER TO IMPACT GUNSHOT WOUND VICTIM OUTCOMES AND THE COMMUNITY

Gregory Carlin, Captain - Camden County Police Department

Share the impact of technology and policing approaches on GSW victim outcomes. Time is vital for shooting victims who are in danger of dying. New research from Cooper Health, Level 1 Trauma Center in Camden, NJ shows that the combination of: 1) gunshot detection technology, 2) police 'scoop and run', 3) direct police communication to the trauma center; can save 4 min in transit time plus a 25% reduction in field interventions and fewer victims being pronounced dead at scene. Data Analyzed FY2006-2016. Police began using gunshot detection technology and new outreach methods in 2015 to address gun crime. In just 2 years, murder rate hit 30 yr low. Camden officers transport 1 in every 5 of gunshot and stab wound victims using scoop and run.

12:30 PM – 1:30 PM EVERY DAY IS GAME DAY: EMERGING TACTICAL SPORTS MEDICINE MODELS AND RESULTS FOR LAW ENFORCEMENT INJURIES

Joseph Horrigan, Executive Director of Tactical and Sports Medicine - Southern California University of Health Sciences

This presentation will review how agencies can benefit by using proven Sports Medicine Models within existing programs to reduce injuries, increase performance, lower costs, and improve morale. Recent studies of large data sets demonstrate a vast majority of injuries sustained by law enforcement are musculoskeletal (MSI) in nature. MSI's to the knees, shoulders, and backs are the most common in number and highest in cost to treat in financial and time lost categories. Studies have also shown that a timely, precise, and accurate diagnosis coupled with onset of rehabilitation within 72 hours of injury can get employees back 'on line' weeks, if not months sooner. The presentation will provide realistic and scalable any organization can use.

2:00 PM – 3:00 PM POLICE PHYSICIANS SECTION BUSINESS MEETING
MONDAY, OCTOBER 28, 2019

8:00 AM – 9:30 AM  **STRATEGIES IN EXCITED DELIRIUM RESPONSE: PARTNERING WITH MEDICS TO REDUCE RISK AND IMPROVE OUTCOMES**  
*David Neubert, Medical Director - Town of Hempstead Bay Constables / EMS*

Excited Delirium is a complex medical syndrome with both medical and law enforcement implications. Responders often contact parties experiencing excited delirium in high stress, dynamic, and public situations with bystanders judging the outcome. Combative behavior can lead to line of duty injuries, and life-threatening medical complications can lead to in-custody deaths. Close coordination between medical personnel and law enforcement is the key to successful outcomes. This lecture will explore the causes of excited delirium, how to identify those experiencing the syndrome, and the important steps to take to reduce risk to responders and affected parties. Videos of real-time responses will be critiqued to help foster discussion of better tactics, and the best ways to coordinate medical and law enforcement personnel when responding to these types of incidents.

1:00 PM – 2:30 PM  **FITNESS-FOR-DUTY EVALUATIONS: WHAT CHIEFS NEED TO KNOW**  
*Jo Linda Johnson, Director, Office of Equal Rights – FEMA*

This session will show participants when and how to order medical fitness-for-duty evaluations (including for mental health issues) as well as what to expect from the outcome of the evaluations. Common pitfalls and compliance issues will be addressed. We will review the roles and duties of police supervisors, legal advisors and physicians throughout the fitness of duty process and present the foundations of a policy.

3:00 PM – 4:00 PM  **A MODEL FOR CONDUCTED ELECTRICAL WEAPON SAFETY AND EFFECTIVENESS EVALUATION OF THE TASER 7**  
*Jeffrey Ho, Deputy - Meeker County Sheriff’s Office*

The processes through which conducted electrical weapons (CEW) are 'vetted' are not standardized in the industry and, for the most part, this is left to the manufacturers. The authors present the results of a decade-long collaboration between the CEW industry leader and academia to produce a company, and perhaps, industry standard for such vetting. The results of the studies that comprised this vetting process for the newly released TASER 7 will be presented to exemplify this process.

This Live activity, Annual Meeting of the Police Physicians Section of the International Association of Chiefs of Police, with a beginning date of 10/26/2019, has been reviewed and is acceptable for up to 10.00 Prescribed credit(s) by the American Academy of Family Physicians. Physicians should claim only the credit commensurate with the extent of their participation in the activity.