Session 1: Key Takeaways

Biggest Challenges:

- Lack of policies and procedures in place
- Lack of federal laws/legislation – laws/legislation has not caught up with technology
- Lack of collaboration between parties (venue, law enforcement, FAA, etc.)
- Little to no training is available
- No communication in planning
- Most currently do not have access to detection and mitigation technology
- Issues getting messages and policies/procedures out to private pilots

Best Practices:

- Increase communication between parties (including private pilots)
- Engage stakeholders
- Increase resources available for venues of all sizes
- Improve planning (possibly include generic templates or examples of successful plans being utilized)
- Improve training programs for all staff (front line all the way to the top) – include exercises/drills
- Consult legal departments for assistance with policies and procedures
- Allow areas to fly- don't always say no to private pilots and recreationalists
- Create standards in reporting incidents (similar to Clery Act)
- Create standards in public messaging concerning UAV's
    - Billboards
    - Social media
    - PA system
    - LEO/Security
    - Fans "opt-in" for messaging for that day

How can NCS4 help?

- Provide networking groups to discuss gaps and share information
- Identify Best Practices
- Identify SME's in the field
- Host an annual forum to bring stakeholders together
- Provide assistance, guidance, and/or resources on how to access grant money

Session 2: The Way Forward: What Can NCS4 Do?

FAA Policies and Procedures:

- Recognize and become familiar with the law enforcement arm of the FAA and the resources available through them
- Get to know your FAA representatives and build a relationship with them prior to an incident occurring
- Make sure that you have clean policies in place that align with the FAA's polices and procedures

Innovations that Improve Technology:

- Include technology with multiple types of sensors
- Recognize and address Title 18 challenges
- Network with other facilities and venues

Best Practices and Operational Safety:

- Communication with local FAA representative and their office
- Access and become familiar with the FAA and DHS website for resources
- Develop and maintain a relationship with law enforcement at the local, state, and federal levels

Detection and Elimination:

- Know and understand the legal restrictions associated with UAV detection and elimination
- Track incidents that occur to compile a database in order to share case studies
    - Report these incidents to the FAA…"report it or it didn't happen"
- NCS4 assist with advocating for increased legislation
- Work with the FAA to determine what is considered a protected infrastructure (aka: No Drone Zone)
- Task the FAA to determine what is critical and what is not: FAA has separate criteria for critical infrastructure

Anticipated Outcomes:

- Research Topics
    - When I operate a drone, am I in accordance with the law?
    - How to prevent unwanted drones:
        - FAA cannot be the enforcer
        - Drones can be a threat to those in our care (spectators, fans, etc.)
        - Utilize the Student Code of Conduct as a deterrent when the law is too lax
- Create a space to capture what we know and share

- Join forces and lobby for increased legislation
    - Apply pressure to make changes

Enhancing Research Platform:

- Create a single repository for policies (templates)
- Create a relatively simple training program for front line staff (perhaps a video)
- Improve messaging tactics:
    - Include rules/policies on the backs of the tickets
    - Social media
    - Increased signage - plaster signs everywhere
- Keep language from being drone specific….use terms like "trespassing" and "unauthorized entry"
- Rely on traditional law…it's not about the "tool", it's about the act
- Have conference (SEC, Big 10, Conference USA, etc.) get together as a collective group and make consistent rules for all campuses, venues, etc.
    - NCS4 should be included in these meetings to bring the Best Practices and share what is being done across the country
- Increased training opportunities for front line staff
    - Examples of types of drones
    - What to do if you see a drone in the area
- NCS4 Lab should work to vet different UAV technologies
    - Demonstrations
        - Put in urban environments for more realistic situations
    - Vet 107 operators
        - Look for certificates, logs, insurance, etc.