

USSC, December 6, 2018 – Notes

Attendees: Garry Coulson, Mary Crabtree, Mary Beth Koza, Derek Kemp, Cathy Brennan, Mike Rolleri, David Kaufman, Bev Errede, Doug Cyr, Linc Butler, Roger Sit, Darrell Jeter, Matthew Hawkins, Chris Payne, Anna Wu, Kristen Lewis,

Guests: Valerie Evivie (Stop the Bleed), Carson Merenbloom (Stop the Bleed)

Emergency Management Update –

Halloween on Franklin (no incidents, food truck rodeo on Stadium Dr successful); OWASA emergency Nov 5th (still discussing what happened and why and to reduce likelihood of happening again); Hosted ACC EM & Police Chief Conference this week with NC State; Preparedness website for EM has launched, part of Carolina READY campaign; Hurricane Florence recovery, assigned FEMA rep and compiled list of damages, 1.2 million dollars to be submitted to FEMA, includes Morehead City and TEACH in Wilmington;

EHS Manual Conversion to Policies –

Lab Safety Manual, Biosafety Manual, Radiation Safety Manual, Laser Safety Manual, IMAC Manual all transferred into PolicyStat. USSC voted to approve conversion of manuals to policies.

Review and Approval –

Minor edits to Fire Protection System Impairment Policy and Exterior Open Flame Policy. USSC voted to approve.

Stop the Bleed –

Valerie Evivie and Carston Merenbloom; train non-medical personnel how to deal with extreme hemorrhaging situations, extend training across campus; trying to start initiative on campus; partnered with ASURP (EMT program on campus) and they will be source of trainers; Stop the Bleed will be part of their EMT curriculum; Campus Health has agreed to help with funding of training materials; 1 hour training, designed for non-healthcare providers, understand what life-threatening bleeding is and how to respond; American College of Surgeons started initiative, #1 preventable cause of death is uncontrolled bleeding; would like to train and place bleeding control kits across campus; target is to get 120 kits, next to AEDs; each kit is \$50 (includes tourniquet, gauze, gloves, trauma shears); bleedingcontrol.org

Campus Safety Update –

OWASA water event, boil water advisory and what that means; Monday's announcement regarding monument and new building, BOG will meet next Friday (12/14) to discuss, within minutes of announcement rally was planned via social media, 500 said they were going and number that actually showed up around 450, started at Peace and Justice, moved down Franklin to Cameron to monument, some tugging on barricades and one arrest for striking officer, another surrendered next day for spitting in officers face (next day); notification of confederate group to have prayer vigil this Sunday but might

get knocked off by weather; Derek going to faculty council tomorrow to discuss; we are at the beginning of this;

December 6, 2018

USSC Meeting

Agenda

- | | |
|---|-----------------------|
| 1. Introductions | All |
| 2. Emergency Management Update | Darrell Jeter |
| 3. EHS Manual Conversion to Policies | Mary Beth Koza |
| 1. Laboratory Safety Manual | Cathy Brennan |
| 2. Biosafety Manual | Garry Coulson |
| 3. Radiation Safety Manual | Roger Sit |
| 4. Industrial Maintenance & Construction/
Support Services Safety Manual | Mary Crabtree |
| 4. Review and Approval | Cathy Brennan |
| Fire Protection System Impairment Policy
https://unc.policystat.com/policy/5573741/latest/ | |
| Exterior Open Flame Policy
https://unc.policystat.com/policy/4981863/latest/ | |
| 5. Campus Safety Update | Derek Kemp |

Items in **BOLD** must be approved by Committee



FINANCE AND OPERATIONS

Environment, Health and Safety

University's Policy on Policies (POP)

- <https://ethicsandintegrity.unc.edu/policy-at-unc/>
- **University Policies** have broad application throughout the University and significant impact to the University if not followed. They may be developed by a department or unit or by University administration in order to express basic values of the University, ensure coordinated compliance with applicable laws and regulations, promote operational efficiencies, enhance the University's mission, and/or reduce institutional risk.
 - *Examples of University Policies: No Smoking Policy or Copyright Policy*
- **Unit Policies** apply only to the operation of an individual department or unit within the University. Departmental Policies may exist in order to promote operational efficiencies or enhance the mission of the department or unit, but are not broadly applicable throughout the University. Departmental Policies should address subjects that are not addressed by University Policies or Administrative Policies and may supplement, but must not be in conflict with University Policies or Administrative Policies. Departmental Policies may be mandated by law and failure to comply may increase institutional risk.
 - *Examples of Departmental Policies: Campus Recreation Policies or Friday Center Policies*
- **Procedures** contain a series of consecutive action steps related to a policy that specifies how a particular policy should be carried out. Procedures may have detailed instructions, definitions, and/or forms that facilitate policy compliance.

EHS Manuals

COMMITTEE NAME

MANUAL RESPONSIBILITIES

Occupational Health and Clinical Safety (OHCSC)

[EHS Manual; Chapter Six](#)

Laboratory/Chemical Safety (LCSC)

[Laboratory Safety Manual](#)

Hazards Management (HMSC)

[EHS Manual](#)
[IMAC/SS Manual](#)

Radiation Safety (RSC)

[Radiation Safety Manual](#)

Institutional Biosafety (IBC)

[Biological Safety Manual](#)



FINANCE AND OPERATIONS

Environment, Health and Safety



Lab Safety Manual

Cathy Brennan- crbrennan@ehs.unc.edu

Chapters

- [Chapter 1: Laboratory Safety at UNC-Chapel Hill](#)
- [Chapter 2: Laboratory Safety Plan](#)
- [Chapter 3: General Safety Principles and Practices](#)
- [Chapter 4: Proper Storage of Chemicals in Laboratories](#)
- [Chapter 5: Protective Clothing and Equipment](#)
- [Chapter 6: Safe Handling of Chemicals](#)
- [Chapter 7: Highly Toxic Chemicals and Select Carcinogens](#)
- [Chapter 8: Reproductive Hazards](#)
- [Chapter 9: Controlled Substances](#)
- [Chapter 10: Fire Safety](#)
- [Chapter 11: Explosive and Reactive Chemical Hazards](#)
- [Chapter 12: Laboratory Waste Management Plan](#)
- [Chapter 13: Safe Handling of Peroxidizable Compounds](#)
- [Chapter 14: Safe Handling of Laboratory Animals](#)
- [Chapter 15: Safe Handling of Biological Hazards](#)
- [Chapter 16: Biological Safety Cabinets](#)
- [Chapter 17: Laboratory Hoods](#)
- [Chapter 18: Safe Use of Nanomaterials](#)



Biological Safety Manual

Garry Coulson – garry.coulson@ehs.unc.edu

Chapters

- [Chapter 1: Introduction](#)
- [Chapter 2: Biological Risk Assessment](#)
- [Chapter 3: Principles of Biosafety](#)
- [Chapter 4: Laboratory Biosafety Level Criteria](#)
- [Chapter 5: Vertebrate Animal Biosafety Level Criteria for Vivarium Research Facilities](#)
- [Chapter 6: Principles of Laboratory Biosecurity](#)
- [Chapter 7: Occupation Health and Immunoprophylaxis](#)
- [Chapter 8: Agent Summary Statements](#)
- [Chapter 9: Primary Containment for Biohazards: Selection, Installation and Use of Biological Safety Cabinets](#)
- [Chapter 10: Decontamination and Disinfection](#)
- [Chapter 11: Transportation of Infectious Substances](#)
- [Chapter 12: Agricultural Pathogen Biosafety](#)
- [Chapter 13: Arthropod Containment Guidelines \(ACG\)](#)
- [Chapter 14: Select Agents](#)
- [Chapter 15: Integrated Pest Management \(IPM\)](#)
- [Chapter 16: Working With Human, NHP and Other Mammalian Cells and Tissues](#)
- [Chapter 17: Guidelines for Work With Toxins of Biological Origin](#)
- [Chapter 18: NIH Oversight of Research Involving Recombinant Biosafety Issues](#)
- [Chapter 19: Resources for Information](#)



Radiation Safety Manual

Roger Sit— rcsit@ehs.unc.edu

Chapters

- [Emergency Numbers, Special Incident Reporting, and Preface](#)
- Chapter 1: [UNC-CH Radiation Safety Program](#)
- Chapter 2: [Radiation Source Authorization and Radiation Worker Registration](#)
- Chapter 3: [Radiation Protection Principles](#)
- Chapter 4: [Acquisition of Radiation Sources](#)
- Chapter 5: [Radiation Source Inventory](#)
- Chapter 6: [Radiation and Contamination Surveys](#)
- Chapter 7: [Emergencies](#)
- Chapter 8: [Personnel Monitoring](#)
- Chapter 9: [Disposal of Radioactive Wastes](#)
- Chapter 10: [Records](#)
- Chapter 11: [Shipping Radioactive Materials from UNC-CH](#)
- Chapter 12: [Protection of Vacuum Systems](#)
- Chapter 13: [Animal Handling Procedures](#)
- Chapter 14: [Analytical X-Ray Machines](#)
- Chapter 15: [Bone Densitometers](#)
- Chapter 16: [Nuclear Moisture Gauges](#)
- Chapter 17: [UNC-CH Power Plant Nuclear Coal Fuel Control Gauges](#)



LASER Safety Manual

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Chapters

- 1: UNC-CH Laser Safety Policy
- 2: Roles and Responsibility
- 3: Laser Classification
- 4: General Laser Safety Requirements for Class 3b and 4 Lasers
- 5: Warning Signs and Labels
- 6: Protective Eyewear
- 7: Laser Safety Training
- 8: Special Requirements for Invisible Laser Beams
- 9: Laser Acquisitions, Inventory and Disposal of Class 3b and 4 Lasers
- 10: Laser Accidents and Incidents
- 11: Template for Written Laser Safety Operating Procedures



Industrial Maintenance and Construction Manual

Mary Crabtree – mary_Crabtree@unc.edu

Policies

- [Hazards Management Plan](#)
- [Fire and Life Safety Coordination](#)
- [Compressed Gas](#)
- [Abrasive Blasting Requirement](#)
- [Electrical Safety](#)
- [Confined Space Policy](#)
- [Confined Space Entry Program](#)
- [Excavation, Trenching, and Shoring](#)
- [Hand and Portable Power Tool Safety](#)
- [Lockout/Tagout Policy](#)
- [Lockout/Tagout Program: The Control of Hazardous Energy](#)
- [Materials Handling and Storage Requirements](#)
- [Machine Safeguarding Requirements](#)
- [Personal Protective Equipment Policy](#)
- [Pesticide Program](#)
- [Scaffolding Requirements](#)
- [Stairways and Ladders](#)
- [Working Over or Near Water](#)
- [Hazard Communication Program](#)
- [Heat Stress Policy](#)
- [Powered Industrial Trucks](#)
- [Guarding Floor and Wall Openings and Holes](#)
- [Hot Work – Welding and Cutting Safety Policy](#)
- [Fall Protection](#)
- [Silica](#)