ANNUAL REPORT FISCAL YEAR 2021-2022

CLEM



Executive Director

Occupational and Environmental Safety (OES) had another productive year supporting Clemson's mission in 2021-2022. Our scope encompasses the Clemson enterprise statewide for research, service and teaching. Our staff are committed to exceptional customer service and continuous improvement. OES is grateful for the commitment and support of Tony Wagner and our safety partners in Finance and Operations. We look forward to a successful 2022-2023!

2021-2022 Highlights

Administration

- Completed a successful audit on OES accounting and transactions from Internal Audit. No major findings
- Successful financial management of OES 2021-2022 budget and accounting

Environmental Compliance

- Completed Environmental Compliance Gap review and addressed gaps
- Updated the SPCC compliance plan for main campus and all applicable off main campus Clemson facilities
- Transferred program management of Universal Waste (lamps, batteries, ballasts, etc.) from Facilities to OES
- Inspected by SCDHEC for main campus Hazardous Waste program. No violations noted for OES managed program and minor violations found in campus labs
- Establishing a Small Scale Hazardous remediation response team within OES to provide better and timely cleanup service rather than call in a contractor for simple cleanups. Will track responses and costs.

Research Safety

- Supported research review and safety protocols for new research at CUICAR 3D Metal Printing for Dr. Liu and Dr. Pilla
- Supported Green Tiger initiative with UFacilities by lab banding 12 research facilities
- Participant on the new Advanced Materials facility and Lehotsky project teams. Implemented POSHER forms and process with faculty

Occupational Safety and Health

- Conducted 74 Indoor Air Quality reviews across campus and in Housing and Dining
- Established an Ergonomics program and service
- Successful support for purchasing BioRAFT (now SciShield) modules for Occupational Health and Medical Surveillance program.
- Significant program support and program improvement at CUICAR
- Significant safety culture change and program improvement at the EIC at CURI. Established excellent relationship and partnership with the new EIC Director.
- Had 2 OSHA Reportable incidents due to injuries resulting in hospitalization. No OSHA violations found

DID YOU KNOW?

330 LAB SAFETY INSPECTIONS

Top findings:

- Lab Member list/required training not up to date
- Waste management issues identified
- Emergency contact and hazard info on door sign not up to date

INDUSTRIAL HYGIENE AND SAFETY

- > 352 Respirator Fit Tests
- 117 3D printers (29 advanced or industrial)
- > 74 Indoor Air Quality Reviews
- 72 Department Safety Coordinators (40 Research/teaching and 32 Facilities)

CURI

Lasch Lab and Energy Innovation Center

- Lasch Lab 100% training compliance
- 19 EIC-Electrical Safety Task Analysis
- 23 EIC-Safety Task Analysis
- 61 EIC-Contractor Safety Pre-Work Checklists

TRAINING

- 62,110 records
- 94% of all safety training is taken online
- 7,913 online trained in 2022 (\$2.26/person)
- 4,769 online trained in hazardous waste

RADIATION SAFETY

- 17 active projects involving radioactive materials
- 60 Lasers either Class 3b or 4
- 53 X-ray producing devices

HAZARDOUS WASTE

Removed:

- > 6,660 chemical waste items
- > 1,598 infectious waste bins
- > 652 non-infectious waste bins

Managed on Main Campus (pounds)

- > 39,010 RCRA
- 44,550 Infectious
 11,673 Universal

Combined Program Highlights and Metrics

Training (Live and Online)

| | 1st | 2nd | 3rd | 4th | Total | Comments |
|---|------|-----|------|-----|-------|----------|
| Biosafety | • | | • | | | |
| Live Sessions | 13 | 6 | 8 | 8 | 35 | |
| Live Session Participants | 109 | 36 | 139 | 42 | 326 | |
| Online Participants | 378 | 297 | 684 | 237 | 1596 | |
| Chemical and Lab safety | | | | | | |
| Live Sessions | 7 | 3 | 4 | 4 | 18 | |
| Live Session Participants | 65 | 10 | 14 | 20 | 109 | |
| Online Participants | 364 | 69 | 264 | 146 | 843 | |
| Environmental Compliance | | | | | | |
| Live Sessions | 4 | 1 | 4 | 1 | 10 | |
| Live Session Participants | 61 | 1 | 17 | 1 | 80 | |
| Online Participants | 2135 | 149 | 2177 | 308 | 4769 | |
| Industrial Hygiene | | | | | | |
| Live Sessions | 5 | 1 | 2 | 1 | 9 | |
| Live Session Participants | 12 | 8 | 18 | 4 | 42 | |
| Online Participants | 557 | 286 | 908 | 780 | 2531 | |
| Low Country Safety | | | | | | |
| Live Sessions | 40 | 27 | 31 | 38 | 136 | |
| Live Session Participants | | | | | 0 | |
| Online Participants | | | | | 0 | |
| Occupational Safety | | | | | | |
| Live Sessions | 6 | 3 | 9 | 3 | 21 | |
| Live Session Participants | 45 | 15 | 67 | 13 | 140 | |
| Online Participants | 356 | 0 | 0 | 0 | 356 | |
| Radioactive Material, X-Ray and Laser Safet | | | | | | |
| Live Sessions | 2 | 1 | 1 | 0 | 4 | |
| Live Session Participants | 22 | 4 | 11 | 0 | 37 | |
| Online Participants | 24 | 27 | 28 | 24 | 103 | |

Inspections

| | 1st | 2nd | 3rd | 4th | Total | Comments |
|------------------------------------|-----|-----|-----|-----|-------|----------|
| Inspections, Audits and Lab Visits | | | | | | |
| Laboratory | 96 | 76 | 64 | 62 | 298 | |
| Non-lab | 10 | 12 | 13 | 15 | 50 | |
| Occupational Safety | 13 | 10 | 13 | 30 | 66 | |
| Radiation safety | 7 | 9 | 12 | 15 | 43 | |
| Hazardous Waste | 0 | 0 | 0 | 0 | 0 | |
| IBC Review | 0 | 5 | 1 | 2 | 8 | |

Incident Response

| | 1st | 2nd | 3rd | 4th | Total | Comments | | | |
|---|-----|-----|-----|-----|-------|----------|--|--|--|
| Response to Incidents, Injuries and Near Misses | | | | | | | | | |
| Biosafety | 3 | 3 | 3 | 1 | 10 | | | | |
| Chemical and Lab Safety | 6 | 4 | 7 | 3 | 20 | | | | |
| Industrial Hygiene | 1 | 0 | 0 | 0 | 1 | | | | |
| Occupational Safety | 9 | 2 | 2 | 1 | 14 | | | | |
| Low Country Safety | 1 | 0 | 2 | 0 | 3 | | | | |
| Radiation safety | 0 | 0 | 1 | 0 | 1 | | | | |

Individual Program Highlights and Metrics

Biosafety

Biosafety program in numbers:

| | 1st | 2nd | 3rd | 4th | Total | Comments | | | |
|------------------------------------|-----|-----|-----|-----|-------|------------------------------|--|--|--|
| Inspections | | | | | | | | | |
| General Lab Safety | 57 | 34 | 21 | 33 | 145 | | | | |
| IBC review | 0 | 5 | 1 | 2 | 8 | trip to the RECs | | | |
| 2-nd visits | 2 | 5 | 5 | 5 | 17 | | | | |
| Other (lab visits) | 2 | 49 | 36 | 62 | 149 | PPE inspections | | | |
| Incident Response | | | | | | | | | |
| Spills | 1 | 0 | 0 | 0 | 1 | | | | |
| Exposure | 1 | 1 | 1 | 0 | 3 | eye splash, rabies | | | |
| Injury | 0 | 0 | 1 | 1 | 2 | microtime, vibrotome incid's | | | |
| Needle sticks | 1 | 2 | 0 | 0 | 3 | | | | |
| Breach of containment | 0 | 0 | 1 | 0 | 1 | greenhouse | | | |
| Administrative Review | | | | | | | | | |
| IBC | 13 | 11 | 14 | 8 | 46 | | | | |
| IACUC | 18 | 11 | 23 | 34 | 86 | | | | |
| Training | | | | | | | | | |
| Biosafety & Biohazard Waste online | 350 | 71 | 213 | 113 | 747 | | | | |
| BBP Live Sessions | 10 | 6 | 8 | 7 | 31 | | | | |
| BBP Live Session Participants | 109 | 36 | 139 | 42 | 326 | | | | |
| BBP Refresher (online) | 28 | 226 | 471 | 124 | 849 | both for lab and non-lab | | | |
| Other Live Sessions | 3 | 0 | 0 | 1 | 4 | | | | |

Chemical and Laboratory Safety

Chemical and Laboratory Safety program in numbers:

| | 1st | 2nd | 3rd | 4th | Total | Comments | | | |
|------------------------------|---------------|-----|-----|-----|-------|----------|--|--|--|
| Inspections | | | | | | · | | | |
| Laboratory inspections | 37 | 37 | 38 | 24 | 136 | | | | |
| Other | 0 | 0 | 0 | 0 | 0 | | | | |
| Fume Hoods | | | | | | | | | |
| Annual testing / calibration | 365 | 67 | 16 | 63 | 511 | | | | |
| Laboratory evaluations | | | | | | | | | |
| Lab compliance assessments | 15 | 10 | 12 | 10 | 47 | | | | |
| Consultations | Consultations | | | | | | | | |
| Lab renovation and design | 3 | 12 | 4 | 9 | 28 | | | | |
| Safety and compliance | 18 | 13 | 17 | 33 | 81 | | | | |
| Other | 0 | 0 | 0 | 0 | 0 | | | | |
| Incidents | | | | | | - | | | |
| Reported and investigated | 6 | 4 | 7 | 3 | 20 | | | | |
| Training and Presentations | | | | | | | | | |
| Live Training Sessions | 7 | 3 | 4 | 3 | 17 | | | | |
| Live Presentations | 0 | 0 | 0 | 1 | 1 | | | | |
| Live Session Participants | 65 | 10 | 14 | 20 | 109 | | | | |
| Online Participants | 364 | 69 | 264 | 146 | 843 | | | | |

<u>Asbestos</u>

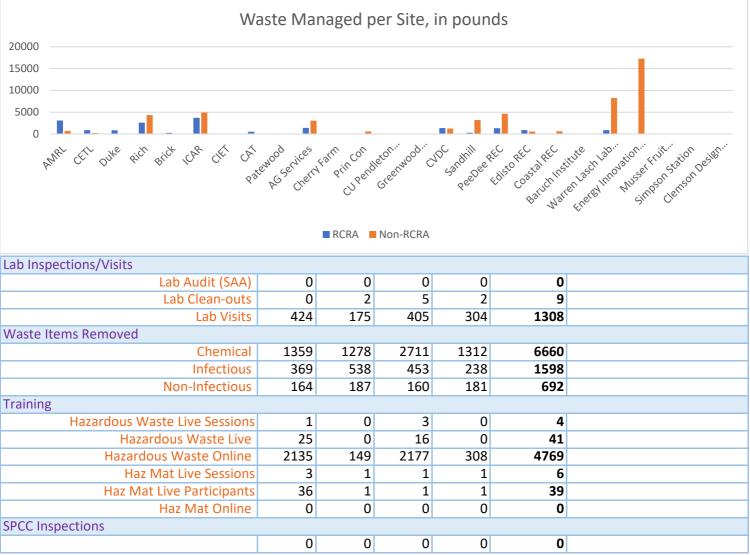
Asbestos program in numbers:

| | 1st | 2nd | 3rd | 4th | Total | Comments |
|--|-------------|-----|-----|-----|-------|----------------------------|
| Requests reviewed | | | | | | |
| New asbestos materials testing | 40 | 32 | 92 | 63 | 227 | |
| New asbestos air sampling | 4 | 6 | 6 | 8 | 24 | |
| New asbestos abatement | 13 | 17 | 0 | 0 | 30 | |
| New Lead Based Paint testing | 22 | 15 | 35 | 15 | 87 | |
| Other HazMat materials testing | 0 | 3 | 6 | 3 | 12 | |
| Reports reviewed | | | | | | |
| Asbestos materials testing | 40 | 32 | 92 | 63 | 227 | |
| Asbestos Air Sampling | 4 | 6 | 6 | 8 | 24 | |
| LBP materials testing | 22 | 15 | 35 | 17 | 89 | |
| Other HazMat materials testing | 0 | 3 | 6 | 3 | 12 | |
| Asbestos | | | | | | |
| ACM and Hazmat testing & reports | 44 | 56 | 133 | 133 | 366 | |
| Abatements (non-project related) | 0 | 0 | 2 | 22 | 24 | |
| Asbestos abatements completed | 13 | 17 | 0 | 22 | 52 | |
| Abatement Projects (Total) | 13 | 22 | 0 | 5 | 40 | |
| NESHAP | 4 | 3 | 0 | 14 | 21 | |
| Small | 7 | 12 | 0 | 3 | 22 | |
| Minor | 2 | 7 | 0 | 11 | 20 | |
| O&M* | 0 | 0 | 0 | 2 | 2 | |
| Asbestos waste (total cubic yards) | 61 | 191 | 0 | 407 | 659 | |
| Asbestos abatement audits | 13 | 17 | 0 | 22 | 52 | Post abatement inspections |
| Air sampling reports reviewed | 4 | 3 | 6 | 8 | 21 | |
| Lead Abatement and other Hazardous Mat | erials Test | ing | | | | |
| LBP testing and reports | 22 | 15 | 35 | 35 | 107 | |
| Lead abatement projects | 0 | 0 | 0 | 0 | 0 | |
| Other Haz Material test reports | 0 | 3 | 6 | 6 | 15 | |

Environmental Compliance

Environmental Compliance program in numbers:

| 1st | 2nd | 3rd | 4th | Total | Comments | | | | | |
|---------------------------------------|--|---|--|--|--|--|--|--|--|--|
| Manifests Shipped and Tracked | | | | | | | | | | |
| 30 | 33 | 18 | 17 | 98 | | | | | | |
| 4 | 3 | 7 | 2 | 16 | | | | | | |
| 6 | 18 | 18 | 14 | 56 | | | | | | |
| Waste Managed in Pounds – Main Campus | | | | | | | | | | |
| 9,409 | 11,582 | 8,680 | 9,339 | 39,010 | | | | | | |
| 6,607 | 4,321 | 11,320 | 8,646 | 30,894 | | | | | | |
| 18,700 | 12,788 | 78,640 | 22,000 | 132,128 | | | | | | |
| 67 | 0 | 3,801 | 456 | 4,324 | | | | | | |
| 2,132 | 1,456 | 4,162 | 3,923 | 11,673 | | | | | | |
| 10,592 | 15,552 | 12,209 | 6,197 | 44,550 | | | | | | |
| 5,063 | 5,669 | 4,519 | 6,721 | 21,972 | | | | | | |
| S | | | | | | | | | | |
| 3,530 | 4,095 | 3,056 | 7,530 | 18,211 | | | | | | |
| 2,931 | 27,639 | 5,782 | 12,874 | 49,226 | | | | | | |
| | 30 4 6 9,409 6,607 18,700 67 2,132 10,592 5,063 5 3,530 | 30 33 4 3 6 18 7 11,582 6,607 4,321 18,700 12,788 67 0 2,132 1,456 10,592 15,552 5,063 5,669 S 3,530 | 30 33 18 4 3 7 6 18 18 9,409 11,582 8,680 6,607 4,321 11,320 18,700 12,788 78,640 67 0 3,801 2,132 1,456 4,162 10,592 15,552 12,209 5,063 5,669 4,519 S 3,530 4,095 3,056 | 30 33 18 17 4 3 7 2 6 18 18 14 7 2 14 3 7 6 18 18 14 7 2 3 3 6 18 18 14 7 2 3 3 9,409 11,582 8,680 9,339 6,607 4,321 11,320 8,646 18,700 12,788 78,640 22,000 67 0 3,801 456 2,132 1,456 4,162 3,923 10,592 15,552 12,209 6,197 5,063 5,669 4,519 6,721 5 3,530 4,095 3,056 7,530 | 30 33 18 17 98 4 3 7 2 16 6 18 18 14 56 9,409 11,582 8,680 9,339 39,010 6,607 4,321 11,320 8,646 30,894 18,700 12,788 78,640 22,000 132,128 67 0 3,801 456 4,324 2,132 1,456 4,162 3,923 11,673 10,592 15,552 12,209 6,197 44,550 5,063 5,669 4,519 6,721 21,972 S 3,530 4,095 3,056 7,530 18,211 | | | | | |



Industrial Hygiene

Industrial Hygiene program in numbers:

| | 1st | 2nd | 3rd | 4th | Total | Comments |
|------------------------------------|-----|-----|-----|-----------|-------------------|----------|
| Inspections: | | | | | | |
| Arts | 0 | 0 | 0 | 0 | 0 | |
| HAZCOM - General | 0 | 0 | 0 | 0 | 0 | |
| Shops | 0 | 0 | 0 | 0 | 0 | |
| Other Inspections | 0 | 0 | 0 | 1 | 1 | |
| Indoor Air Quality Investigations: | | | | | | |
| Housing | 2 | 35 | 15 | 1 | 53 | |
| Long term IAQ Evaluations | 1 | 0 | 0 | 0 | 1 | |
| Off main campus | 1 | 0 | 0 | 0 | 1 | |
| Office | 9 | 3 | 2 | 2 | 16 | |
| Other | 2 | 0 | 2 | 0 | 4 | |
| Hazard Communication | | | | | | |
| SDS reviews - general | 3 | 18 | 27 | 34 | 82 | |
| SDS reviews - COVID-19 | 28 | 16 | 7 | 2 | 53 | |
| Assessments | 12 | 57 | 12 | 30 | 111 | |
| IBC/IACUCU Chemical reviews | | | | | | |
| Chemicals reviewed | 14 | 12 | 14 | 20 | 60 | |
| SASPs completed | 8 | 2 | 5 | 13 | 28 | |
| SOPs completed | 2 | 2 | 6 | 13 | 23 | |
| Incident Response | | | | | | |
| Spill | 0 | 0 | 0 | 0 | 0 | |
| Exposure | 0 | 0 | 0 | 0 | 0 | |
| Injury | 0 | 0 | 0 | 0 | 0 | |
| ObservNow and Nice Catch, Tiger! | 1 | 0 | 0 | 0 | 1 | |
| Training | | | | · | · · · · · · · · · | |
| Respiratory Protection (online) | 101 | 77 | 186 | 132 | 496 | |
| Hazcom (online) | 382 | 104 | 377 | 218 | 1081 | |
| Other (list out) | 74 | 105 | 345 | 430 | 954 | |
| Live training sessions | 5 | 1 | 2 | 1 | 9 | |
| Live training participants | 12 | 8 | 18 | 4 | 42 | |
| IH Program: | | | | | | |
| IH Monitoring | 4 | 3 | 7 | 6 | 20 | |
| IH Consulting - Assessments | 4 | 5 | 4 | 7 | 20 | |
| Equipment reviews | 10 | 14 | 2 | 8 | 34 | |
| Outreach Fact sheets | 5 | 3 | 3 | 3 | 14 | |
| Personal Protetective Equipment | | | | · · · · · | | |
| Respirator Fit tests - General Use | 176 | 15 | 87 | 74 | 352 | |
| Respirator Fit tests - Covid | 12 | 16 | 0 | 0 | 28 | |
| N95 reviews - COVID | 3 | 5 | 6 | 0 | 14 | |
| Other PPE reviews | 12 | 14 | 12 | 38 | 76 | |
| Hearing Conservation | | | | | | |
| Noise area survey assessments | 3 | 4 | 9 | 5 | 21 | |
| Potential Areas identified | 2 | 1 | 2 | 1 | 6 | |
| Noise dosimetry condcucted | 9 | 4 | 2 | 5 | 20 | |
| Personnel in HCP | 5 | 8 | 4 | 3 | 20 | |

Occupational Safety

Occupational Safety program in numbers:

| 1st | 2nd | 3rd | 4th | Total | Comments |
|-------------|---|--|---|--|---|
| | | | | | |
| 30 | 18 | 20 | 24 | 92 | |
| ce Pre-Insp | ect, Worksp | | | | tility) |
| 10 | 7 | 11 | 30 | 58 | |
| | | - | - | _ | |
| • | | | 0 | 8 | |
| | | | | 1.0 | |
| | | 4 | 11 | 19 | |
| | | 2 | - | 4.4 | |
| | 2 | 3 | 5 | 14 | |
| | 2 | 2 | 1 | 1.4 | |
| 9 | Z | Z | T | 14 | |
| 1 | 10 | 0 | 7 | 24 | |
| | | | | | |
| | | | | | |
| / | 19 | 10 | 9 | 45 | |
| 0 | 0 | 2 | 1 | 2 | |
| | | | | | |
| | | | | | |
| | - | - | | | |
| | | | | | |
| | | | | | |
| | | 07 | 13 | 140 | |
| | | 0 | 0 | 356 | |
| 550 | 0 | U | 0 | 550 | |
| 2 | 3 | 4 | 5 | 14 | |
| | | - | 5 | | |
| | | 1 | 1 | 6 | |
| | - | - | - | | |
| 1 | 1 | 0 | 0 | 2 | from BioRAFT and JJ Keller |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| 7 | 0 | 18 | 13 | 38 | |
| 2 | 1 | 9 | 1 | 13 | |
| | 6 | 12 | 6 | 40 | |
| 6 | 0 | 4 | 2 | 12 | |
| 31 | 7 | 43 | 22 | 103 | |
| | | | | | |
| 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 2 | 0 | 2 | |
| 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 2 | 0 | 2 | |
| | | | | | |
| | | | | | |
| | ent) 30 Ce Pre-Insp 10 dent Shop: dent Shop: dion, Reviev 3 ws, Installat 4 ployee) 9 9 4 1 3 7 1 1 3 3 3 5 6 1 1 3 3 3 5 6 1 1 3 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 | ent) 30 18 Ce Pre-Inspect, Worksp 10 7 Ident Shops Ident Shops Ident Shops Ident Shops Ident Shops Ident Shops Ident Shops Ident Ident Ident Ident Ident Ident Ident Ident Ident Ident Ident Ident Ident Ident Ident Ident Ident I | ent) 30 18 20 ce Pre-Inspect, Workspece, Configation 10 7 11 ident Shops) 3 2 ident Shops 11 3 3 2 ident Shops 14 3 1 4 3 1 4 3 1 4 4 2 3 9 2 2 9 2 2 9 2 2 9 2 2 9 2 2 9 2 2 9 2 2 10 1 2 11 1 1 12 1 1 13 1 1 14 1 1 15 1 1 16 3 9 17 1 1 16 3 9 17 1 1 18 1 <t< td=""><td>ent) 30 18 20 24 ce Pre-Inspect, Workspace, Confined, Const 10 7 11 30 ident Shops 3 3 2 0 tion, Reviews, Planning) 3 1 4 11 ws, Installation) 4 2 3 5 ployee) 9 2 2 1 14 11 ws, Installation) 4 15 8 7 3 4 2 1 14 15 8 7 3 4 2 1 15 8 7 3 4 2 1 10 9 10 9 10 9</td><td>nt) 30 18 20 24 92 ce Pre-Inspect, Workspece, Confined, Construction and U 10 7 11 30 58 ident Shops) 3 3 2 0 8 ident Shops) 3 1 4 11 19 ws, Installation) 4 2 3 5 14 ployee) 4 2 3 5 14 ployee) 4 15 8 7 34 4 15 8 7 34 3 4 2 2 11 7 19 10 9 45 11 7 9 10 9 45 7 19 10 9 45 7 19 10 9 13 10 2 11 3 10 2 11 3 10 3 10 3 10 11 3 10 3 10 11 3 10 3 10 11 4 11 0 0 3 14 Stop 11 3 14 15 67 13 140 16 6 3 9 3 21 45 15 67 13 140 General Safety) 356 0 0 0 0 356 7 2 3 4 5 14 <i>ision/Implement)</i> 3 1 1 1 6 6 3 19 3 14 15 67 13 140 16 6 17 19 18 10 1 19 10 10 3 10 1 10 10 10 3 10 1 10 1 1</td></t<> | ent) 30 18 20 24 ce Pre-Inspect, Workspace, Confined, Const 10 7 11 30 ident Shops 3 3 2 0 tion, Reviews, Planning) 3 1 4 11 ws, Installation) 4 2 3 5 ployee) 9 2 2 1 14 11 ws, Installation) 4 15 8 7 3 4 2 1 14 15 8 7 3 4 2 1 15 8 7 3 4 2 1 10 9 10 9 10 9 | nt) 30 18 20 24 92 ce Pre-Inspect, Workspece, Confined, Construction and U 10 7 11 30 58 ident Shops) 3 3 2 0 8 ident Shops) 3 1 4 11 19 ws, Installation) 4 2 3 5 14 ployee) 4 2 3 5 14 ployee) 4 15 8 7 34 4 15 8 7 34 3 4 2 2 11 7 19 10 9 45 11 7 9 10 9 45 7 19 10 9 45 7 19 10 9 13 10 2 11 3 10 2 11 3 10 3 10 3 10 11 3 10 3 10 11 3 10 3 10 11 4 11 0 0 3 14 Stop 11 3 14 15 67 13 140 16 6 3 9 3 21 45 15 67 13 140 General Safety) 356 0 0 0 0 356 7 2 3 4 5 14 <i>ision/Implement)</i> 3 1 1 1 6 6 3 19 3 14 15 67 13 140 16 6 17 19 18 10 1 19 10 10 3 10 1 10 10 10 3 10 1 10 1 1 |

Radiation Safety

Radiation Safety program in numbers:

| | 1st | 2nd | 3rd | 4th | Total | Comments |
|-----------------------------|-----|-----|-----|-----|-------|-------------------|
| Program Administration | | | | | | |
| RSC Meetings | 1 | 1 | 1 | 1 | 4 | |
| New Projects | 0 | 1 | 1 | 2 | 4 | |
| Inactivated Projects | 0 | 1 | 0 | 0 | 1 | |
| Terminated Projects | 0 | 0 | 1 | 1 | 2 | |
| Amendments (RSC) | 0 | 3 | 2 | 1 | 6 | |
| Amendments (RSO) | 1 | 1 | 1 | 2 | 5 | |
| Compliance Award Reviews | 11 | 3 | 2 | 9 | 25 | |
| Inspections | | | | | | |
| RAM | 7 | 7 | 8 | 9 | 31 | |
| X-Ray | 0 | 2 | 4 | 6 | 12 | |
| Waste Pickups | | | | | | |
| Dry Waste | 6 | 12 | 16 | 5 | 39 | |
| Liquid Waste | 0 | 1 | 0 | 2 | 3 | |
| Mixed Waste | 4 | 3 | 5 | 2 | 14 | |
| Waste Disposal | | | | | | |
| Dry Waste | 0 | 0 | 6 | 0 | 6 | |
| Liquid Waste | 0 | 0 | 0 | 3 | 3 | |
| Mixed Waste | 0 | 1 | 0 | 2 | 3 | |
| Training | | | | | | |
| New RAM Users Live Sessions | 1 | 1 | 1 | 0 | 3 | |
| Live Session Participants | 6 | 4 | 11 | 0 | 21 | |
| Refresher Live Sessions | 1 | 0 | 0 | 0 | 1 | |
| Live Session Participants | 16 | 0 | 0 | 0 | 16 | |
| Refresher (online) | 8 | 12 | 19 | 3 | 42 | |
| X-ray (online) | 9 | 15 | 9 | 11 | 44 | |
| Laser (online) | 7 | 0 | 0 | 10 | 17 | |
| Regulatory Visits | | | | | | |
| DHEC RAM | 0 | 0 | 0 | 0 | 0 | |
| DHEC X-Ray | 0 | 0 | 0 | 0 | 0 | |
| Other | | | | | | |
| Instruments Calibrated | 11 | 6 | 23 | 4 | 44 | |
| Surveys Performed | 0 | 0 | 0 | 2 | 2 | |
| Sealed Source: Leak Test | 27 | 1 | 21 | 2 | 51 | |
| Sealed Source: Inventories | 15 | 6 | 23 | 3 | 47 | |
| Dosimetry Exchanged | 97 | 97 | 97 | 97 | 388 | |
| Packages Received | 6 | 11 | 3 | 2 | 22 | |
| Incident Response | 0 | 0 | 1 | 0 | | unmarked shipment |
| Lab Setup / Closeout | 0 | 0 | 0 | 3 | 3 | |

CURI and Low Country program in numbers:

| | 1st | 2nd | 3rd | 4th | Total | Comments | | | | |
|----------------------------|-----|-----|-----|-----|-------|----------|--|--|--|--|
| Fraining | | | | | | | | | | |
| Various topics | 5 | 4 | 7 | 6 | 22 | | | | | |
| Collaboration | 13 | 10 | 9 | 12 | 44 | | | | | |
| Survey discussion | 4 | 1 | 5 | 6 | 16 | | | | | |
| Hazard Identification | 6 | 5 | 4 | 5 | 20 | | | | | |
| Lab safety discussions | 2 | 5 | 2 | 2 | 11 | | | | | |
| Ph.D. Grad student, Intern | 10 | 2 | 4 | 7 | 23 | | | | | |
| Inspections and Monitoring | | | | | | | | | | |
| Hazard Identification | 3 | 7 | 7 | 6 | 23 | | | | | |
| Surveys | 5 | 2 | 4 | 4 | 15 | | | | | |
| Audits | 2 | 3 | 2 | 4 | 11 | | | | | |
| Consults | 15 | 9 | 13 | 13 | 50 | | | | | |
| Incidents / near misses | 1 | 0 | 2 | 0 | 3 | | | | | |
| Professional Development | | | | | | | | | | |
| Self | 1 | 0 | 0 | 0 | 1 | | | | | |
| Others | 0 | 0 | 0 | 0 | 0 | | | | | |

Institutional Safety Metrics

BioRAFT

| | 1st | 2nd | 3rd | 4th | Total | Comments |
|-----------------------------------|------|------|------|------|-------|----------|
| lab Registration | | | | | | |
| Number of labs registered | 359 | 364 | 377 | 381 | 381 | |
| Number o labs not registered | 90 | 89 | 67 | 66 | 66 | |
| Percentage of labs registered (%) | 80.5 | 80.9 | 85.3 | 85.6 | 85.6 | |

Injury and Incident Summary

| | 1st | 2nd | 3rd | 4th | Total | Comments |
|--|-----|-----|-----|-----|-------|----------|
| Non Recordable Incident Summary | | | | | | |
| Near Miss | 1 | 1 | 0 | 0 | 2 | |
| First Aid | 2 | 2 | 6 | 4 | 14 | |
| Other (Incident No first aid) | 1 | 1 | 0 | 1 | 3 | |
| Total | 4 | 4 | 6 | 5 | 19 | |
| Injury Summary OSHA Recordable Incidents | | | | | | |
| No Days Away or Restricted | 7 | 0 | 18 | 13 | 38 | |
| Resulting in Days Away | 2 | 1 | 9 | 1 | 13 | |
| Resulting in Days Restricted | 16 | 6 | 12 | 6 | | |
| Resulting in Days Away & Restricted | 6 | 0 | 4 | 2 | 12 | |
| Total | 31 | 7 | 43 | 22 | 103 | |
| Injury Summary OSHA Reportables | | | | | | |
| Seroius Bodily Harm | 0 | 0 | 0 | 0 | 0 | |
| Hospitalization | 0 | 0 | 2 | 0 | 2 | |
| Fatalities | 0 | 0 | 0 | 0 | 0 | |
| Total | 0 | 0 | 2 | 0 | 2 | |