

Fall 2003 Campus Profiles

<u>INSTITUTION</u>	<u>CAMPUS PROFILE</u>	<u>CURRENT PROBLEMS, CONCERNS & INITIATIVE FOR EHS</u>	<u>CONTACT INFORMATION</u>
Boston University	Boston University (BU) is the fourth largest independent university in the United States with a 1999 student body of 29,500. BU is located in downtown Boston. The University has 8,000 employees and over 330 buildings (11 million square feet) on two campuses. BU has approximately 500 laboratories and 9,500 residents in dorms and apartments. The Office of Environmental Health and Safety (OEHS) serves the University as well as Boston Medical Center, a 450-bed hospital with 5,000 employees. OEHS has 27 employees including the Radiation Protection Office. The OEHS Director reports directly to the Provost.	<ul style="list-style-type: none"> ◆ EHS management systems in the context of a comprehensive EHS Policy Manual. ◆ Initiatives include a bar code computerized chemical inventory, an internal audit program, an incident-tracking system, a campus-wide Disaster Plan and an Asbestos Management Program. ◆ Boston University is an active member of the Campus Consortium for Environmental Excellence and the Campus Safety Health and Environmental Management Association. 	<p>Peter Schneider Boston University Environmental Health & Safety 704 Commonwealth Ave 2nd Fl Boston MA 02215</p> <p>Phone: (617) 353-4094 Fax: (617) 353-5646 schneider@bu.edu</p> <p>Charles River Campus EHS Web Site: www.bu.edu/ehs/ Medical Campus EHS Web Site: www.bu.edu/ehsmc/</p>
Carnegie Mellon University	8000 student, 3,800 faculty and staff, one campus (one emerging on West Coast), 79 buildings, 103 acres, \$407 million operating expenditures. Carnegie Mellon is known for engineering, computer programming, robotics and art. Total research dollars \$191 million. 270 chemical laboratories, Environmental Health and Safety staff of nine focuses on chemical, fire, radiation, occupation and student safety. Industrial Hygiene and asbestos management	<ul style="list-style-type: none"> ◆ Spray on asbestos fireproofing on two 40 year old buildings. Abatement of each floor was \$300,000 ◆ Sixty-year-old research building has systemic problems with the chemical fume hoods. Hoods are not working consistently. New renovations add hoods to old system ◆ Antiquated or non-existent fire alarm systems in high hazard buildings 	<p>Madelyn Miller Carnegie Mellon University EH&S Department 5000 Forbes Avenue Pittsburgh, PA 15213</p> <p>Work: (412) 268-1377 Fax: (412) 268-6976 mmiller@andrew.cmu.edu www.cmu.edu/ehs</p>
Cornell University	Student Population 19,124 Faculty/Staff 14,435 No. of Labs 2,000 Research Money \$465,731,708 Veterinary and Agricultural School – Medical School located in New York EH&S Staff 65 with accounts totaling \$5,296,742	<ul style="list-style-type: none"> ◆ Vulnerability assessment of campus to terrorism and security ◆ Workforce Planning (efficiency studies with the goal of reducing the total number of university employees) ◆ Environmental Management System for Cornell 	<p>Andy Garcia-Rivera Cornell University 125 Humphreys Service Building</p> <p>Work: (607) 255-4125 Fax: (607) 255-8267 ehsdir@cornell.edu http://www.ehs.cornell.edu</p>

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Florida State University	Florida State University has 31,193 students at our main campus and four satellite campuses in FL. We also host overseas campuses at numerous sites including Panama Canal Zone, Italy and England. We employ approximately 1,167 faculty (headcount) and 9,141 staff. We spent \$89,423,707 in FY 99-00 for research and are third in the nation in royalty receipts. We house the National High magnetic Field Laboratory and Engineering school but at this time do not have a medical, dental or veterinary school.	<ul style="list-style-type: none"> ◆ Will be required to implement a building code enforcement section of EH&S in the near future ◆ Will be hosting a medical school in the near future 	<p>Fran Harley Florida State University Environmental Health & Safety Tallahassee, FL 32306-4154</p> <p>Work: (850) 644-7687 Fax: (850) 644-8842 fharry@admin.fsu.edu http://www.fsu.edu/~safety</p>
Georgetown University	No Information Provided	◆ No Information Provided	<p>Phil Hagan Georgetown University New South Building, Rm. M-14 Washington, DC 20057-1176</p> <p>Work: (202) 687-1970 Fax: (202) 687-5523 haganp@georgetown.edu www.georgetown.edu/facilities</p>
Harvard University	<p>Graduate schools: Arts and Sciences, Business, Design, Divinity, Education, Government, Law, Medical (and Dental), Public Health, Extension; 6,684 undergraduates, ~12,000 graduate students; 2,410 faculty, 10,570 staff; 19,000,000 gsf, 3 major campuses, 4,700 acres. Endowment~\$19 billion, annual budget \$1.8 billion; \$305 million federal funding (\$200 million from NIH), \$97 million non-federal sponsored research.</p> <p>EH&S staff of 43 people includes biosafety, environmental, food sanitation, industrial hygiene, pest control, radiation and safety. Annual budget \$4.4 million, approx. 50/50 fee-for-service/central funding</p>	<ul style="list-style-type: none"> ◆ Non-laboratory and laboratory safety programs ◆ Support of University capital projects ◆ Implementation of EH&S management systems 	<p>Joseph Griffin Harvard University 46 Oxford St. Cambridge, MA 02138</p> <p>Work: (617) 495-2370 Fax: (617) 495-0593 joseph_griffin@harvard.edu http://www.uos.harvard.edu/ehs/</p>

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Indiana University Purdue University at Indianapolis (IUPUI)	Students – 29,000; Faculty – 2,600; Staff – 6,000; Laboratories 750; EHS budget of \$1.5 M includes \$800,000 in charges for services. Medical School, Dental School, and EHS provide services to four Hospitals. EHS Staff 20 Full Time, 8 Part Time.	<ul style="list-style-type: none"> ◆ Numerous issues related to new construction and renovation projects. Developing procedures specifications and policies to correct problems ◆ Attaining adequate resources for the department. Investigating new sources of income and additional charges for services. Investigating appropriate funding for new space. 	<p>Rich Strong Indiana University – Purdue University at Indianapolis 620 Union Drive, Room 043 Indianapolis, IN 46202</p> <p>Work: (317) 274-1388 Fax: (317) 278-2158 ristrong@iupui.edu www.ehs.iupui.edu</p>
Iowa State University	Student Population 26,845 Faculty, staff, student & hourly employees –14,044 11,504 acres No. of labs 1250 \$217,700,000 sponsored funding \$539,123,844 operating budget 173 Buildings, 11,630,553 GSF; Veterinary college; Research farms; \$2M EH&S budget; 33 FTE, 9 student workers; EH&S service areas include: Radiation Safety, Environmental Program, Industrial Hygiene and General and Fire Safety	<ul style="list-style-type: none"> ◆ Planning for the implementation of an EMS campus wide ◆ Raising the general awareness level for environmental and life safety issues ◆ Improving attendance at EH&S training sessions ◆ Budget reductions ◆ Enhancing security on campus ◆ Upgrading EHS facilities to enhance operational efficiency and proper staff management 	<p>David Inyang Iowa State University Environmental Health & Safety 118 Agronomy Lab Ames, IA 50011-3200</p> <p>Work: (515) 294-5359 Fax: (515) 294-9357 adinyan@iastate.edu</p>
Miami University (Ohio)	Created in 1809; undergrad students – 18,500; graduate and doctoral programs include 2000 students; research expenditures at \$4.5 million annually; thirty percent of students live on campus in 36 residence halls; 4,500 faculty and staff; 200 buildings; 6.3 million GSF w/no structure over 5 stories; 400 laboratories and 300 fume hoods; 15 LFBSC; 30 principal investigators using radioactive material, RCRA small quantity generator; no medical, dental, vet, hospital or agri school affiliation.	<ul style="list-style-type: none"> ◆ Business Continuation Plan/Disaster Response ◆ Chemical Hygiene Plan implementation and committee development 	<p>Michael Coons (Mike) Miami University Environmental Health & Safety 6 Hughes Hall Oxford, OH 45056</p> <p>Work: (513) 529-2829 Fax: (513) 529-2830 coonsdm@muohio.edu www.ehs.muohio.edu/</p>

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New Mexico State University	Total number of students: 23, 578 - 16,174 main campus; Total number of faculty: 1,334 - 996 FTE; Total number of Staff: 5,712 - 4,106 FTE; Resident Students: 3,179; Research Expenditures: \$165.9 million; Number of laboratories: 500 4 Branch Campuses; 13 extension areas EHS has 9 full time employees and 6 part time student employees.	<ul style="list-style-type: none"> ◆ Implementing Biosafety Program ◆ Improve Biosafety in animal husbandry/research ◆ Safety training via web CT ◆ Emergency notification system-telephone network ◆ Hq phase out remediation ◆ Renovation of existing facility for hazardous waste operations. 	Katrina Doolittle New Mexico State University Environmental Health & Safety Box 30001/MSC 3578 Las Cruces, NM 88003 Work: (505) 646-3327 Fax: (505) 646-7898 kadoolit@nmsu.edu http://www.nmsu.edu/~safety
North Carolina Agricultural and Technical State University	During the period of July 1, 2002 to March 1, 2003 the university participated in \$28,088,671 dollars worth of research projects. The university is the home of the Agriculture and Environmental Science School and the College of Engineering. Both schools conduct several kinds of research, which includes biohazard, radiation and chemical research projects. We have relatively small staff of safety professionals (three) that oversee these activities.	<ul style="list-style-type: none"> ◆ Disaster Recovery ◆ Radiation, Bio Safety and Chemical Safety and Security 	Marvin Dickerson North Carolina Agricultural & Technical State University 1020 Wendover Avenue, Suite 006 Greensboro, NC 27411 Work: (336) 334-7992 Fax: (336) 256-0857 dickersm@ncat.edu http://www.ncat.edu
North Carolina State University	25,000 students; 12,000 faculty/staff; 1,000 labs. Veterinary hospital, nuclear reactor, over \$380,000,000 in sponsored research, number 1 in land-grant institutions w/o medical schools; 102,000 acres; 11,000,000 sq. ft; veterinary college, college of engineering. EH&S has 30 FTE's, Insurance and Risk Management has 4 FTE's	<ul style="list-style-type: none"> ◆ Trying to integrate occupational medicine program for employees with student health service ◆ Business continuity/disaster recovery ◆ PI self-audit program 	David Rainer North Carolina State University Campus Box 8007 Raleigh NC 27695-8007 Work: (919) 515-4238 Fax: (919) 515-6307 david_rainer@ncsu.edu

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Ohio State University	52,000 students; 30,000 employees; \$400 million Research funding; 4,000+ laboratories; Professional school – Medical, Dental, Veterinary. Research Park Three hospitals and 40+ Outreach Healthcare Facilities; 5 Regional Campuses	<ul style="list-style-type: none"> ◆ Xenotransplantation, Stem Cells, Gene Therapy Research ◆ Compliance with Select Agent Rules ◆ Environmental Management Systems 	Cecil Smith, Dr. P.H., Asst. VP Ohio State University 1314 Kinnear Rd Rm 210 Columbus OH 43212 Work: (614) 292-1284 Fax: (614) 292-6404 smith.143@osu.edu www.ehs.ohio-state.edu/
Purdue University	Big 10 Land Grant Research Institution. 37,000 students, 3000 labs. No hospital, but Vet School & School of Health Science. University farms & 3 regional campuses (20,000 additional students) 14,000 employees, 45 EH&S employees. We have a RCRA part B permit with a TSDF. Hazardous Materials, Industrial Hygiene, Construction Health & Safety, Asbestos Abatement, Environmental Health, Radiation Safety, Life Safety & Ergonomics.	<ul style="list-style-type: none"> ◆ Safety & Security of new research on biohazards ◆ Budget reductions, causing decrease in training and travel dollars ◆ Lack of support for new technology initiatives ◆ EHS planning for Nanotech Center 	Carol Shelby Purdue University Environmental Health & Safety 201 Ahlers Road West Lafayette, IN 47906-5991 Work: (765) 494-2350 Fax: (765) 494-1106 cshelby@purdue.edu www.purdue.edu/REM
St. Louis University	2 campuses; 11,038 total students, ~1200 full time faculty; 3698 full time staff; \$30,469,300 total research funding, 10 EHS Staff (includes Radiation Safety)	<ul style="list-style-type: none"> ◆ Fluoroscopy Training Progress (Medical) ◆ Chemical Inventory/Laboratory Inspections ◆ Safety Training 	Mark Haenchen St. Louis University 1402 S. Grand Blvd RB5 St. Louis, MO 63104 Work: (314) 577-8608 Fax: (314) 268-5560 haenchen@slu.edu

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Southern Illinois University at Carbondale	Chartered 1869; total enrollment: 22,552 (4,107 graduate, 17,788 undergrad); External grants & contracts \$121,476,573; Operating budget last FY \$363,918,000; 5,035 faculty and staff; plus 1,565 graduate assistants campus includes a lake and two forests; 887 laboratories	<ul style="list-style-type: none"> ◆ University-owned power plant/environmental compliance ◆ Budget crisis in state government and SIUC ◆ Bioterrorism ◆ Emergency preparedness ◆ Development of an anti-litter campaign, see: www.cehs.siu.edu/cleanup ◆ Pending university reorganization 	<p>Paul Restivo Southern Illinois University at Carbondale Mail Code 6898 1325 Radio Dr. Carbondale, IL 62901-6898</p> <p>Work: (618) 453-7180 Fax: (618) 453-7192 Restivo@cehs.siu.edu http://www.cehs.siu.edu</p>
Stanford University	<p>Stanford University was founded in 1891 and has 6,750 undergraduates and 7,600 graduate students with 1,714 tenure-line faculty. Stanford is comprised of seven schools: Humanities and Science, Earth Science, Engineering, Business, Education, Law and Medicine. The first three schools offer courses for both undergraduate and graduate studies. The school has about 1,500 laboratories and an annual research budget of over \$500 million.</p> <p>With over 46 miles of roads, a 49-megawatt power plant, two separate water systems, three dams and lakes, 100 miles of water mains, a central heating and cooling plant, high-voltage distribution system and a post office, the university is a self-sustaining community. Stanford provides or contracts for its own fire, police and other services. There are 678 major buildings at Stanford that incorporate 12.6 million square feet. Ninety-four percent of undergraduates live on campus, as do about 58 percent of graduate students and 30 percent of faculty member. There are 843 owner-occupied housing units for faculty on campus and 628 rental units for faculty and staff. Stanford is one of the most energy efficient institutions among California research universities. The campus cogeneration plant produces all the energy the campus needs, plus an extra 25 megawatts at peak that is provided for public consumption.</p>	<ul style="list-style-type: none"> ◆ Institutional Emergency Preparedness Program Planning ◆ Strategic Environmental Risk Assessment ◆ Air Emissions Risk Assessment for new building permits 	<p>Larry Gibbs Stanford University 480 Oak Road Stanford, CA 94305-8007</p> <p>Work: (650) 723-7403 Fax: (650) 725-3468 Lgibbs@stanford.edu http://www.stanford.edu/dept/EHS/prod/</p>

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Tulane University	<p>5500 Faculty & Staff, 500 chemical fume hoods, 250 BSC & LFW, Center for Bio-Environmental Research (CBR). Tulane National Private Research Center</p> <p>Received \$14 million grant from NIH to build a BSL-# building at Tulane National Primate Research Center.</p>	<ul style="list-style-type: none"> ◆ Plans review of new University Center for Student Activities. ◆ Facility Registration under auspices of USDA and CDC for Select Agents. Just concluded search for Bio-Safety Manager. Reconstituting IBC and University Infectious Disease and Bloodborne Pathogen Comm. Finalizing review of Chemical Tracking Program. ◆ Implementing University-wide Mold (IAQ) Procedures and Facility Personnel Training for in-house remediation. 	<p>James J. Balsamo, Jr. Tulane University Environmental Health & Safety 1430 Tulane Avenue TW-16 New Orleans, LA 70112</p> <p>Work: (504) 584-2872 Fax: (504) 588-5590 jbalsam@mailhost.tcs.tulane.edu www.tmc.tulane.edu/oehs</p>
University of Alabama – Birmingham	<p>16,000 total students; 14,000 faculty & staff; hospital; 3 hospital off shoots; 1-25,000 patient/year clinic; 6- out lying clinics; Professional Schools: Medicine, Public Health, Dentistry, Nursing, Optometry, Health Related Professionals, Business, Engineering; ~3,000 labs; Total Research Funding \$240 million/year.</p>	<ul style="list-style-type: none"> ◆ Select Agents, DNA, AAALAC ◆ Management/organizational issues ◆ Additional Staff ◆ Private Business Research ◆ Gene Therapy Projects ◆ Emergency Preparedness 	<p>Max Richard University of Alabama – Birmingham 933 19th St. South, Suite 445 Birmingham, Al 35294-2041</p> <p>Work: (205) 934-2487 Fax: (205) 934-7487 mrichard@healthsafe.uab.edu rpewitt@healthsafe.uab.edu www.healthsafe.uab.edu/</p>
University of Cincinnati	<p>34,024 students; 13,954 employees, \$200,000,000 Research Grants and Contracts; 7 campuses; 117 buildings; 15,000,000 S.F. of building space; 500 acres, Medical Center, 16 colleges, Comprehensive University, economic impact on the community \$2.04 billion/yr; EH&S staff 11 full time, 1 part time, 4 students, 3 outsourced technical contractors (3-6).</p>	<ul style="list-style-type: none"> ◆ Mass education and distribution of public information regarding environmental health & safety ◆ Ventilation design and controlling pollutants in indoor environments ◆ The impact of biological weapons negotiations, regulations research and health and safety 	<p>Jan Utrecht University of Cincinnati P.O. Box 210218 Cincinnati, OH 45221-0218</p> <p>Work: (513) 556-4968 Fax: (513) 556-4981 jan.utrecht@uc.edu</p>

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University of Connecticut	~14,000 undergraduate; ~6,000 graduate; ~4,500 employees; ~ 500 labs; ~\$60M research; no medical, dental, or vet school; currently have agricultural school; EHS staffing 17 FTE for main and 6 regional campuses	<ul style="list-style-type: none"> ◆ Preparing for EPA visit ◆ Implementing SPCC Plan controlling stormwater (general and agricultural) run off ◆ Obtaining approval for new Haz Waste Facility 	<p>Frank Labato University of Connecticut Environmental Health & Safety 3102 Horsebarn Hill Rd, U-97 Storrs CT 06269-4097</p> <p>Work: (860) 486-1109 Fax: (860) 486-1106 labato@ehs.uconn.edu http://www.ehs.uconn.edu</p>
University of Delaware	<p>20,000 students; 3,200 employees; 4 campuses, 400+ Buildings; Marine Studies; Engineering; Agricultural Sciences; Business & Economics; health & Nursing Sciences; Human Relations; Education & Public Policy; Arts & Sciences Colleges; 400 labs; Research Vessel.</p> <p>EHS has 15 staff members – Service Areas: Industrial Hygiene, Environmental Issues, Radiation Safety, Biological Safety, Fire Safety, Chemical Hygiene, and OSHA Programs, which report to Assoc. VP for Facilities.</p> <p>Land Grant, Space Grant, Sea Grant</p>	<ul style="list-style-type: none"> ◆ Proactively dealing with IAQ issues – IAQ task force earmarking budget for IAQ issues ◆ Wastewater Management – MS4 Stormwater Requirements ◆ Disaster Planning – Departmental Emergency Management Plans – Training ◆ Select Agents program – USDA Compliance 	<p>Robin Elliott University of Delaware 222 S. Chapel St. Newark, DE 19716</p> <p>Work : (302) 831-1435 Fax: (302) 831-1528 r_elliott@facilities.udel.edu http://udel.edu/OHS</p>
University of Florida	47,000 students, 4,000 faculty and 8,000 staff. In addition to liberal arts and science programs, UF operate medical, dental, veterinary, law, engineering and agricultural colleges. The university reported an operational budget (FY 1998-99) to \$1.6 billion. Research funding (FY 1999-2000) was \$175.1 million. We have approximately 1,800 teaching and research laboratories. The EH&S program has a staff of 64 full-time positions and an operational budget of \$3.2 million.	<ul style="list-style-type: none"> ◆ UF EH&S has taken on responsibility for the operation of a building code enforcement program. This program has a staffing of 5.5 FTE. In addition to providing codes services to UF we service a local community college, the county K-12 education system and the University of North Florida. ◆ We have established an Office of Risk Management within EH&S. This will handle all insurance related issued and will be expanding general safety program to better address university risk concerns. ◆ Increased emphasis has been placed on the campus safety in relation to terrorist risks since the September 11th incident. 	<p>William Properzio, Ph.D. University of Florida PO Box 112190, Newell Drive Gainesville FL 32611</p> <p>Work : (352) 392-1590 Fax: (352) 392-3647 bill@ehs.ufl.edu http://www.ehs.ufl.edu</p>

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<p>University of Georgia</p>	<p>335 buildings on 605 acres 24,010 undergraduates 7,075 graduate/professional 203 other 31,288 total students 2,775 faculty 2,689 administrative 4,331 tech/clerical/maintenance 9,795 total workforce</p> <p>Schools and Colleges of Agricultural and Environmental Sciences, Arts and Sciences, Business, Education, Environmental Design, Family and Consumer Sciences, Forest Resources, Graduate School, Journalism and Mass Communication, Law, Pharmacy, Social Work and Veterinary Medicine</p> <p>Academic Offerings 19 Baccalaureate degrees in 177 major fields 24 Master's degrees in 146 fields 22 Educational Specialist degrees 4 Doctoral degrees in 108 areas Professional degrees in law, pharmacy, veterinary medicine 70 Study abroad programs</p> <p>Annual Budget (FY 2001) \$1.1 billion (41% provided by the state of Georgia)</p>	<ul style="list-style-type: none"> ◆ How can we ensure that we are perceived as being cost effective. ◆ Current efforts are geared towards regulatory-mandated issues; not enough resources given to general safety issues, i.e., occupational safety/injury prevention. ◆ How to introduce financial accountability into safety program. ◆ Campus emergency response plan implementation ◆ Increased staffing. ◆ Motivating campus safety committee members. ◆ Uncertainty in long-term availability of waste disposal sites. ◆ Environmental Management System (EMS) responsibilities (new federal legislation managed by the EPA). ◆ Campus hazmat response team /Local Emergency Planning Committee (LEPC) ◆ Lab chemical cleanout program. ◆ Chemical Tracking Program ◆ Budget Cuts ◆ S.A.C. Accreditation 	<p>Ken Scott University of Georgia Environmental Safety Division 240A Riverbend Rd. Athens, Georgia 30602-8002</p> <p>Work: (706)583-0449 Fax: (706)542-0108 kscott@esd.uga.edu</p>

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University of Illinois at Urbana-Champaign	38,291 students; 2,827 faculty and 7,756 staff. 1,412 principal investigators and 1,491,362 net assignable square feet for research laboratories. Fiscal Year 2003 research expenses were \$340, 843,392. Has a College of Veterinary Medicine and a College of Agricultural, Consumer and Environmental Sciences, but does not have a dental school. There is a medical program for the first two years, however the clinical program for the third and fourth year curriculum is in Chicago. EHS functions are carried out by the Division of Research Safety (DRS) and the Safety & Compliance (S&C) group. DRS is mainly responsible for biological, chemical and radiation safety. It has a staff of 20 employees. S&C is mainly responsible for environmental compliance and occupational safety and health. It has a staff of 11 employees.	<ul style="list-style-type: none"> ◆ Implementation of the Select Agent Program. ◆ Increasing campus awareness of programs and services. 	<p>Irene M. Cooke University of Illinois at Urbana-Champaign Division of Research Safety 101 S Gregory St. Urbana IL 61801</p> <p>Work: (217) 244-7801 Fax: (217) 244-6594 i-cooke@uiuc.edu www.drs.uiuc.edu</p>
University of Illinois at Chicago	26,000 Students; 11,000 Employees 10 million square feet under roof; 110 buildings. State University- Undergrad and Graduate Schools; College of Medicine- Nursing, Pharmacology, etc.; Major Medical Center- 1500 research laboratories; EHS budget- \$1.5 million; FTE professional EHS staff 18.	<ul style="list-style-type: none"> ◆ New construction of disintegrating infrastructures and buildings. ◆ Retrofit firm suppression systems and automatic stairwell door unlocking systems for 14 high rises. ◆ Mold and asbestos. 	<p>Marilyn L. Hau University of Illinois at Chicago 820 S. Wood St. M/C 932 Chicago, IL 60612</p> <p>Work: (312) 996-7429 Fax: (312) 996-8776 mhau@uic.edu</p>
University of Kansas – Lawrence	27,000 students; 8,000 employees; campus is about 1500 acres; 220 major buildings. Research funding approx. \$100 million and focused in Biology, Chemistry, Engineering and Pharmacy	<ul style="list-style-type: none"> ◆ Storm water ◆ Lack of resources/need to add staff to keep up with growth ◆ Environmental Programs Review ◆ Numerous Research Lab renovations ◆ Employee Safety (OSHA) improvements 	<p>Michael J. Russell University of Kansas-Lawrence Environmental Health & Safety 140 Burt Hall, 1540 W. 15th St. Lawrence, KS 66045-7610</p> <p>Work: (785) 864-2854 Fax: (785) 864-2852 mjrusell@ku.edu www.ehs.ukans.edu</p>

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University of Kentucky	30,000 students; 1,900 full time faculty; 8,700 staff; Medical, Dental Pharmacy, Agriculture, and Engineering schools; 472-bed hospital; \$131,500,000 research funding; ~1,100 laboratories	<ul style="list-style-type: none"> ◆ Gene therapy protocols ◆ On-line Web-based safety training ◆ Waste water pretreatment limit exceedances for mercury 	<p>Harry Enoch University of Kentucky Environmental Health & Safety 252 E Maxwell St Lexington KY 40508</p> <p>Work: (859) 257-3242 Fax: (859) 257-8787 henoch@uky.edu</p>
University of Louisville	21,000+ students; 4,600 faculty & staff; 3 campuses; 5.5M GSF; 125 buildings; 555 acres; 7% of students live in university housing; Professional Schools: Medical, Dental and Engineering; School of Medicine faculty provides staffing for U of L teaching hospital which is privately operated; 260 labs will be increased to ~400 labs with in the next 2 years; new TSDF opened summer 1998	<ul style="list-style-type: none"> ◆ Staffing – filling vacancies and getting new positions to keep up with university growth ◆ Select Agent/ Patriot Act Compliance ◆ Audit of human gene therapy protocols ◆ Hiring training coordinator and improving numbers trained. Also, web-based training ◆ Planning for EMS implementation ◆ Lab decommissioning ◆ DOT/ATA Training for Research Staff 	<p>Cheri Hildreth Watts University of Louisville Environmental Health & Safety 1800 Arthur St Louisville KY 40208-2759</p> <p>Work: (502) 852-2954 Fax: (502) 852-0880 cheri.hildreth@louisville.edu www.louisville.edu/admin/dehs/</p>
University of Maryland	32,000 total students; 9,000 faculty/staff; 1,500 labs; \$250M research funding; \$778.5M UM budget; \$2M DES Budget; 32 DES full time employees; 4 DES Students; 1500 acres; Professional Schools; Agricultural college and 10 farms; Veterinary school.	<ul style="list-style-type: none"> ◆ Operation of central steam plant by private vendor, vendor will operate under university permits/plans ◆ Public/private partnerships – measuring reliance on vendors to run university operations ◆ Development and maximization of internet learning programs 	<p>Leon Igras University of Maryland Environmental Safety 3115 Chesapeake Building College Park, MD 20742</p> <p>Work: (301) 405-3099 Fax: (301) 314-5921 ligras@umd.edu www.inform.umd.edu/des</p>
University of Maryland (Baltimore)	5,700 students, 4,900 faculty and staff; 6 professional schools: Medical, Dental, Law, Nursing, Pharmacy, and Social Work; ~140 million in grant and contract support; 50 buildings and 4,400,000 sq. ft in downtown Baltimore campus. Essential no undergraduate students; EHS staff of 25; Budget of \$1,300,000.00	<ul style="list-style-type: none"> ◆ Collaborative relationship with University Police ◆ Coordinated campus response to emergencies ◆ Improving Biosafety and recombinant DNA Programs ◆ Improving the laboratory audit program ◆ Improving laboratory waste management training and practices ◆ Improving customer service and reducing workload by use of Access databases ◆ Web-based business processes 	<p>Jim Jagger University of Maryland - Baltimore 714 W. Lombard St. Baltimore, MD 21201</p> <p>Work: (410) 706-7055 Fax: (410) 760-1520 jaeger@ehs.umaryland.edu www.ehs.umaryland.edu</p>

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University of Miami (Florida)	The private University of Miami has five campuses located in urban Miami, FL: 10,000 undergraduate students in 180 programs and 5,000 graduate and professional students in 130 masters, 60 doctoral, and 2 professional programs (law and medicine); and 9,500 employees including 2,500 faculty. The University operates 2 small hospitals and has a \$1.2 billion budget, endowment of \$427 million and \$226 million in funded research. The School of Medicine provides physician staffing for Jackson Memorial Hospital (the teaching hospital), one of the largest hospitals in the United States. Approximately 300 faculty investigators operate 1,200 laboratories. EHS is staffed at 13 full time positions and is separate from radiation safety and risk management. The Employee Health Office operates as part of EHS.	<ul style="list-style-type: none"> ◆ The University of Miami is a pilot institution in the FEMA Disaster Resistant Universities program and is currently encouraging FEMA to expand the program by adding schools and to provide additional funding to participating institutions. In this context we are seeking funding for implementing mitigation and to conduct a terrorism vulnerability assessment. ◆ Currently implementing an occupational health program for workers having contact with research animals as part of the institutional effort to obtain AAALAC accreditation. 	<p>Charles F. Gottlieb University of Miami Environmental Health and Safety (R-23) University of Miami PO Box 016960 Miami, FL 33101</p> <p>Work: (305) 243-3400 Fax: (305) 243-3272</p> <p>charles.gottlieb@miami.edu www.miami.edu/ehs</p>
University of Michigan	38,000 students; 28,000 full time employees, 30,000 temp employees; ~\$700 million in funded research; multiple campuses; 3,000 plus research labs; professional schools-medical, dental, engineering, optometry, natural resources, public health; hospital system includes main, women's, children, cancer/geriatric plus over 80 outlying primary care locations; 3,800 acres of land on Ann Arbor campus; \$1.6 billion in new construction activity; \$28 million square feet of building space to monitor and support	<ul style="list-style-type: none"> ◆ Environmental Stewardship/sustainability ◆ Integration of EHS programs into major construction efforts ◆ Bio terrorism response integration with two local counties 	<p>Terrance Alexander University of Michigan 1239 Kipke Drive – OSEH Ann Arbor, MI 48109-1010</p> <p>Work: (734) 647-2253 Fax: (734) 763-1185 tgalex@umich.edu http://www.umich.edu/~OSEH</p>
University of Missouri – Columbia	300 major building out of a total of ~1,200. 14.9 million GSF and 8.5 million ASF. ~1,300 laboratory/research areas of which ~850 are in active use each semester, four hospitals, 37 FTE at the present time. 26,000 Students \$140,000,000 Research Dollars	<ul style="list-style-type: none"> ◆ Pedestrian/Traffic Safety ◆ Storm water management under Phase II of the NPDES regulations ◆ Implementation of a return to work program ◆ Construction of a new Regional Biocontainment Laboratory. 	<p>Peter Ashbrook University of Missouri – Columbia 8 Research Park Development Building Columbia, MO 65203</p> <p>Work: (573) 882-7018 Fax: (573) 882-7940 ashbrookp@missouri.edu http://web.missouri.edu/~muehs</p>

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University of Nebraska – Lincoln	Undergraduate and Graduate degrees; Two campuses and 9 Research and Extension Centers; ~23,000 students; 5000 faculty and staff (FT/PT) Departmental budget (EHS) ~ \$1.2 Million. Staffing 20 FTE. Radiation Safety, BioSafety, Occupational Safety, Environmental Programs.	<ul style="list-style-type: none"> ◆ Development of a Select Agent Program ◆ Establishment of a Research Compliance Program ◆ Alternative funding for Department 	<p>Brenda Osthus University of Nebraska – Lincoln 3630 East Campus Loop Lincoln, NE 68583-0824</p> <p>Work: (402) 472-4927 Fax: (402) 472-9650 bosthus1@unl.edu http://ehs.unl.edu</p>
University of North Carolina at Chapel Hill	The University of North Carolina at Chapel Hill is the nation’s first public university to open its doors, enrolling its first student in 1793. US news and world reports rank UNC as the fifth best public institution. IN 2001, we have 24,075 students, 12.3 MGSF of buildings and \$275 million in research funding. UNC is one of the few universities with schools from all five of the primary health professions: medicine, nursing, pharmacy, dentistry and public health. Mold grows much better in North Carolina than it does in Wisconsin	<ul style="list-style-type: none"> ◆ Indoor air/environmental quality; employee complaints & workers comp claims; mold ◆ Construction issues: Construction in occupied buildings (employee complaints); vav lab hoods; failure of lab ventilation issues; lab cleanouts & moves; fluorescent bulb & ballast disposal costs (UNC plans \$1B of construction & renovation this decade) ◆ New EHS building, including staff hygiene facilities, IH labs, liquid waste facility, chemical waste & rad labs. 	<p>Peter Reinhardt University of North Carolina – Chapel Hill Health & Safety Office 212 Finley Golf Course Road Chapel Hill, NC 27517</p> <p>Work: (919) 843-5913 Fax: (919) 962-0227 peter_reinhardt@unc.edu www.ehs.unc.edu</p>
University of Pennsylvania	Student Population – 9,917 undergrads; 8,996 grads and professionals. Approximately 2,000 laboratories. Total sponsored projects awards 651,000,000. Staff – 12,000 @ University, Health Systems Staff – 10,600. Total Faculty – 4,800 (2,335 Standing; 2,465 Associated). Penn has a Medical, Vet and Dental School. All Schools are located on one of 260 campuses in the City of Philadelphia except for a Vet large animal hospital and an arboretum.	<ul style="list-style-type: none"> ◆ Hazardous Materials Shipping ◆ Staff development – how do we hang onto good staff and keep them happy. ◆ Information Technology – providing quality products to constituents and maintaining existing systems. 	<p>Matthew D. Finucane University of Pennsylvania 3160 Chestnut Street Philadelphia, PA 19104-6287</p> <p>Work: (215) 898-6057 Fax: (215) 898-0140</p> <p>matt@ehrs.upenn.edu www.ehrs.upenn.edu</p>

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University of Pittsburgh	The University of Pittsburgh has over 200 buildings on five campuses. About 30,000 students are enrolled with the University. Over 90% of the University's 11,600 employees work at the Oakland Campus in the City of Pittsburgh. In FY'02, sponsored research exceeded \$376 million with \$316 million of the amount being federal funding. The University has Schools of Medicine, Public Health, Dentistry, Nursing and Engineering among its 14 schools. The Department of Environmental Health and Safety currently has 13 FTE's with 2 additional FTE's approved for FY'04. The Dept. does not have oversight of the Radiation Safety Program for the University.	<ul style="list-style-type: none"> ◆ Lack of resources for comprehensive audit program for labs. There are over 1500 research labs on the Oakland Campus. ◆ Spending increasing time on emergency preparedness and a City Ordinance on "High-Rise Building Hazard Plans". We have 21 high-rise buildings. ◆ Establishment of an Occupational Health Clinic and program in 2002 	<p>Jay Frerotte University of Pittsburgh Environmental Health & Safety 3700 O'Hara Street B-50 Benedum Hall Pittsburgh, PA 15261</p> <p>Work: (412) 624-9544 Fax: (412) 624-8524 jfrerotte@ehs.pitt.edu www.ehs.pitt.edu</p>
The University of Texas Health Sciences Center at Houston	<p>Total students 3143 Total faculty/staff 4749 No. of Labs 1200 Total Research \$121 million Schools: Medical school, School of Public Health, Dental School, Nursing School, School of Allied Health Sciences, Graduate School of Biomedical Sciences EHS: 18 FTE, budget approx. \$1 million 2.5 sq. feet of space Cyclotron on site</p>	<ul style="list-style-type: none"> ◆ E-commerce/procurement card purchases of hazardous materials ◆ Computer based training ◆ Indoor air quality 	<p>Bob Emery The Univ. of Texas Health Science Center at Houston 1851 Crosspoint Avenue OCB 1.330 Houston, TX 77054</p> <p>Work: (713) 500-8100 Fax: (713) 500-8111 robert.j.emery@uth.tmc.edu</p>
Vanderbilt University	<p>2002 Statistics: Undergrads: 6,319 Graduate & Professional: 4,566 Total Students: 10,885. Residence Halls: 32 with 5000 residents. Full Time faculty: 2,066; Clinical Faculty: 1,202; Full Time Staff: 12,513. Total Research expenditures: \$231,304M K. Sponsored Research and Project Awards; \$285,704M K (Ranked 36th in Federal Research & Development Funding) Hospital Beds: 746 Hospital Admissions: 36,452 Hospital Patient Days: 200,434 Clinic outpatient visits: 688,884 Emergency room visits; 70,048 University operating budget; \$1.5 Billion, GSF: 14 Million, EHS Budget \$2.3M, EHS Staff 32</p>	<ul style="list-style-type: none"> ◆ Laboratory Security: Biodefense Research Initiatives ◆ Funding and Budget Cuts ◆ Chemical Management – CHP, Inventory System 	<p>Bob Wheaton Vanderbilt University Environmental Health & Safety 1161 21st Avenue, south U0202MCN Nashville, TN 37232-2665</p> <p>Work: (615) 322-2057 Fax: (615) 343-0477 robert.wheaton@vanderbilt.edu www.safety.vanderbilt.edu/</p>

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Washington University of St. Louis	12,035 students, 2,515 Faculty, approximately 2,200 laboratories, \$285.30 million, total research medical school, EH&S 15FTE, annual budget ~\$2.3 million; RSO 16 FTE; 6 million square feet	<ul style="list-style-type: none"> ◆ Disaster planning & Business Continuity Planning ◆ Biological Safety and Infection Control ◆ Web based training 	<p>Bruce Backus Washington Univ. of St. Louis School of Medicine 660 S Euclid Campus Box 8229 St. Louis MO 63110</p> <p>Work: (314) 362-6816 Fax: (314) 362-1995 backusb@msnotes.wustl.edu</p>
Weill Cornell Medical College	1,781 full-time faculty (3,582 total faculty), 1,800 staff and approximately 900 students (MD, PhD, MD-PhD and PA). 1.6 million square feet in 38 buildings, 968 laboratories. 148,000,000 research funding. Affiliated with a private 2,369-bed university teaching hospital that serves both Cornell and Columbia.	<ul style="list-style-type: none"> ◆ Multiple entity coordination ◆ New Ambulatory Care building ◆ Cornell Management System (EMS) ◆ EPA Voluntary Audit ◆ Human Gene Transfer (IBC training) ◆ "I need more space" syndrome ◆ FDNY Laboratory Permitting and Personnel Training 	<p>Erik A. Talley Weill Cornell Medical College 1300 York Avenue, Box 354 New York, NY 10021</p> <p>Work: (212) 746-6201 Fax: (212) 746-8288 ert2002@med.cornell.edu</p>