

# BRUCE A. DONATO, CSP, CECD

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## EXPERIENCE

- 2000 - Present **K & A First Aid, LLC**, Gaithersburg, Maryland. Providers of safety compliance programs and training and organizational first aid training. Self certified as a NAICS 541690 small business. WMAA certified LDBE
- 2000 - Present **Principal**  
Responsible for initial customer contacts, program development, training and safety consultation and referrals. Responsible for management of the company. Duties include:
- Conducting initial and refresher CPR/AED/First Aid Training.
  - Conducting initial and refresher Medical First Responder & Wilderness First Responder Training.
  - Customize first aid training programs to reflect upon client's operation and emergency response procedures.
  - Develop client specific rescue procedures from "non-routine" spaces.
  - Evaluating and developing emergency response programs.
  - Developing safety procedures.
  - Developing and deliver safety training programs.
  - Conducting Hazardous Waste Operations & Emergency Response (HAZWOPER) trainings.
  - Conducting ergonomic evaluations in office, laboratory and manufacturing areas.
  - Conducting "live" fire extinguisher training.
  - Providing certification training for Powered Industrial Trucks.
  - Site safety assessments.
  - Auditing safety/response procedures.
  - Security assessments.
  - Provide general safety consultation.
  - Developed ASP/CSP review class modules for local ASSE chapter for math, engineering and statistics.
- 1992 - 2000 **Life Technologies Incorporated**, Rockville, Maryland. International producer of Cell Culture, Media and Cell Biology Products.
- 1998 - 2000 **Frederick Site Facilities & Security Manager**  
Responsible for management of the entire Frederick Facilities including two production buildings, one cGMP manufacturing section, two shipping warehouses and one administrative building. Other responsibilities included Loss Prevention, Construction Permits, Housekeeping, Project Management, Licensing, and Landscaping. Duties and accomplishments included:
- Managed one exempt and seven non-exempt employees.
  - General contractor for the renovation of new office space after the purchase of an adjacent building. Regulatory issues included, design and approval of fire protection drawings, life safety codes for a partially occupied building, submissions for exemption for waste water and storm water permits, general construction safety and inspections.
  - Conducted a security assessment to determine breaches in security system and developed an action plan to address issues.
  - Upgrade site security program to restrict access on a need basis as well as developed a unique master key program.
  - Completed safety reviews of permit required and non-permit confined spaces.
  - Managed the Medical First Responder Team.
  - Managed the installation and operation of custom HVAC system for custom primer synthesis lab requiring strict humidity and temperature control
  - Completed an asbestos review of the facility.
  - Managed the product emergency response line.
  - Developed a relationship with the local Fire Authority to reach mutually acceptable agreements on a timeline to upgrade our existing fire alarm and sprinkler systems.
  - Responsible for all wastewater permits and routine submissions to the county.
  - Responsible for contract management of hazardous, biological and non-hazardous waste.

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1992 - 2000

**Life Technologies Incorporated - *CONTINUED***, Rockville, Maryland. International producer of Cell Culture, Media and Cell Biology Products.

1995 - 1998

***Maryland Site Environmental Health and Safety Manager/Company Biosafety & Radiation Safety Officer***

Responsible for department management and all aspects of environment, health, and safety of the Maryland sites and its employees. Duties and accomplishments included:

- Managed one exempt employee and had dotted line responsibility for another.
- Managed hazardous waste response team including HAZWOPER training of members.
- Spearheaded an awareness program based upon employee and management goals, resulting in achieving a new site record in consecutive days without a Lost Workday Case.
- Consolidated, authored and obtained approval for an electronic safety manual to assure regulatory compliance with OSHA and EPA.
- Oversaw the start-up of the corporate R&D building without any significant injuries or compliance issues.
- Developed and presented various EHS trainings using multiple presentation formats.
- Streamlined the number of employee based EHS teams, resulting in a 40% reduction in the number of positions while increasing the awareness and output
- Corporate Radiation Safety Officer for the Nuclear Regulatory Commission (NRC) license.
- Hosted a NRC audit and successfully protested a potential violation.
- Compiled a detail NRC internal audit.
- Created a company safety self-audit program.
- Conducted respiratory protection training.
- Conducted respiratory fit testing.
- Conducted hands-on live fire extinguisher training

1994 - 1995

***Distribution/Receiving Manager***

Responsible for providing accurate next day domestic and international delivery of perishable biologicals shipments, receiving all incoming shipments and assurance of compliance with DOT/IATA/NRC regulations.

Duties and accomplishments included:

- Managed two exempt and thirty non-exempt employees
- Implement a radiation inspection process for incoming isotopes
- Managed the Medical First Responder Team.
- Conducted DOT/IATA training sessions for shipping and receiving personnel.
- Conducted HAZWOPER training.
- Managed the emergency response phone system.
- Organized a safe and accurate annual physical inventory with over 125 employees in the warehouse at one time.
- Sponsored membership from the department on both the management safety committee and the volunteer safety team.

1993-1994

***Group Leader; Dry Down Production, Convenience Reagents, and Cell Biology Packaging***

Responsible for the safe, timely and cost effective start-up of the state of the art "Dry Down" facility.

Managed the Convenience Reagents production and the Cell Biology packaging groups. Duties and accomplishments included:

- Managed one exempt and eight non-exempt employees.
- Started up the "Dry Down" production unit safely and under budget.
- Designed and received capital funding for a acrylamide handling thereby eliminating exposure and process hazards and decreasing cycle time.
- Completed initial ISO 9001 audit without any non-conformances.
- Appointed as the Operations' resource for process safety reviews.
- Managed the Medical First Responder Team.
- Managed the emergency response phone system.

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1992 - 2000

**Life Technologies Incorporated - *CONTINUED***, Rockville, Maryland. International producer of Cell Culture, Media and Cell Biology Products.

1992-1993 ***Operations Site Environmental, Health, and Safety Officer***

Responsible for all aspects of compliance to OSHA, EPA, and NRC regulations. Charged with increasing the safety awareness of the operations group.

- Managed the Radiation Safety Officer
- Implemented a three-year safety awareness plan in eleven months. This awareness resulted in a site wide record for time without a LWC.
- Instituted an incident reporting system that resulted in an order of magnitude increase in reporting of near misses and OSHA recordables with a larger increase in corrective and preventative actions.
- Created several employee based EHS teams to increase employee awareness.
- Chaired the Medical First Responder Team
- Started and chaired a team of Red Cross certified Community First Aid and Safety instructors for teaching CPR and First Aid on site.
- Started and chaired a 24-hour emergency response customer phone response team.
- Developed, implemented and managed emergency response and rescue procedures for BSL-3 high containment room.
- Initiated several formalized training's including HAZCOM, Hazardous waste coordinators, new employee orientation, radiation training, and incident reporting.
- Developed an internal media program to promote safety across Operations, R&D, Administration, and other company sites around the world.

1989 -1992

**Hoechst Celanese Corporation**, Fiber and Film Group, Charlotte, North Carolina. International chemical, textile and pharmaceuticals company.

***R&D Engineer, Sewing Thread Group***

Group representative and trainer for safety and health. Responsible for the development of new polyester threads and optimization of existing processes. Duties and accomplishments included:

- Chairman of the joint safety committee. Implemented an improved safety inspection that included impromptu tours evaluating safe and unsafe actions. The audit system also provided a mechanism for follow up on repeat violations.
- Member of the fire brigade.
- Coordinator of Dupont's "STOP" program for one R&D building.

1987 - 1989

**CPS Chemical Company**, Old Bridge, New Jersey. Treatment Storage and Disposal Facility (TSDF), Manufacturer of Water Treatment Additives and Toll Processor for Batch Distillations and Thin Film Evaporation.

***Safety/Environmental Director/Production Supervisor***

Responsible for compliance with all Federal and State Regulations and all aspects of production supervision.

- Supervised 10 exempt and 40 non-exempt employees. Duties and accomplishments included:
- Reduce the Lost Workday Cases by a factor of eight within one year.
- Implemented a plant-wide safety program for manufacturing, maintenance, and laboratory personnel. Program emphasized preventive systems including near miss reporting, follow-up, and immediate correction of unsafe acts.
- Worked closely with OSHA Compliance Officers on a two-week catastrophic evaluation. Obtained management's approval to correct all violations and implemented all recommendations prior to closing meeting.
- Responsible for TSDF daily operations.
- Conducted annual RCRA training.
- Completed NJRTK survey and SARA Title III Section 313 report.
- Conducted fire brigade trainings jointly with local VFD.
- Developed Standard Operating Procedures for all processes in lieu of batch sheets.
- Conducted Respiratory Protection training.

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1981 - 1987

**E.I. DuPont de Nemours Inc.**, Polymer Products Department, Parkersburg, West Virginia.  
International Chemical, Textile, and Biotech Company.

## *Process/Project Engineer*

Responsible for all aspects of assistance to operations and project manager for process improvement installations in the Teflon® Area. Duties and accomplishments included:

- Completed Dupont's "Process Hazard Training". Conducted process hazard audits and their follow-up.
- Responsible for the Teflon® vent registry
- Reduced waste effluent shipments by elimination of retention basins that resulted in annual cost savings of over \$350,000 and eliminated the need for permitting of the basins.
- Designed, installed and safely started-up over \$750,000 in capital investments, and started-up a multimillion dollar capacity upgrade.
- Completed process safety reviews.

## EDUCATION

B.S.E. (1981) in Chemical Engineering, University of Pennsylvania, Philadelphia, Pa.

Winthrop College, Rock Hill, South Carolina, and University of North Carolina at Charlotte, Charlotte, North Carolina. Progress made towards a Masters degree in Mathematics (Statistics)

## PROFESSIONAL

- Certified Safety Profession (CSP) Certification
- Certified Hazardous Materials Manager (CHMM) Certification
- Certified Ergonomics Compliance Director (CECD)
- OSHA Outreach Instructor (General Industry and Construction 10/30 hour courses)
- American Safety and Health Institute **Instructor Trainer**
- American Red Cross **Instructor Trainer**
- American Heart Association Instructor
- American Safety & Health Institute Quality Control Board Member
- FEMA certification in Basic Incident Command System
- American Society of Safety Engineers - National Capital Chapter Safety Professional of the Year (2006)
- Arlington County American Red Cross H&S Volunteer of the Year (2007)
- Academy of Certified Hazardous Materials Managers "Friend of the Academy" recipient (2008)
- Potomac Section of the American Industrial Hygiene Association Industrial Hygienist of the Year (2009)
- American Society of Safety Engineers - National Capital Chapter Past President
- American Society of Safety Engineers Region VI Assistant Region Vice President - Communications
- Potomac Section of the American Industrial Hygiene Association Past-President
- Chesapeake Area Biological Safety Association Secretary
- Academy of Certified Hazardous Materials Managers – National Capital Chapter Secretary
- Washington Metropolitan Area Construction Safety Association Webmaster
- Mid Atlantic Construction Safety Conference Board Member
- Qualified Radiation Safety Officer
- Adjunct Instructor – Columbia Union College, Takoma Park, Maryland
- New Jersey 1st Responder
- Maryland Medical First Responder
- Engineer in Training (E.I.T.) Certification
- Extended Organizational Effectiveness Training
- Zenger-Miller Leadership Skills **Instructor**
- Completed Personal Power and Influence Workshop at the Farr Institute
- Hoechst Celanese Fire School Graduate, Rock Hill, South Carolina
- Completed MOHR's "Facilitation", "Selling Your Ideas" and "Team Selling"
- Life Technologies/VIMA Leadership Course Phase I and II
- Life Technologies Recombinant DNA Techniques I Workshop, Germantown, Maryland
- Essential Ergonomics - Applied Ergonomics Corporation
- "Light Bulbs for Leaders" Team Leader Training - VIMA International