David Chamberlain

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Professional Experience

- **April 2002 - Present**. Department Manager of the National Security Theme, Chemical Sciences and Engineering Division, Argonne National Laboratory, and Manager of the National Technical Nuclear Forensics Programs at Argonne National Laboratory.
- **January 1996 - March 2002**. Group Leader and Program Manager, Fissile Materials Disposition Program, Chemical Engineering Division, Argonne National Laboratory, Illinois.
- **March 1990 - December 1996**. Group Leader, Nuclear Technology Engineering Group, Chemical Technology Division, Argonne National Laboratory, Illinois.
- **October 1986 - March 1990**. Chemical Engineer, Chemical Technology Division, Argonne National Laboratory, Illinois
- **January 1981 - June 1986**. Group Leader, Fuel Processing Group, Idaho National Engineering Laboratory, Idaho.
- **June 1977 - January 1981**. Research Engineer, Idaho National Engineering Laboratory, Idaho.

Education

- Professional Engineers License, Idaho, 1982
- Masters of Science Degree, Chemical Engineering, University of Idaho, 1981
- Bachelor of Science Degree, Chemical Engineering, University of Idaho, 1977

Awards

- Pacesetter Award, Argonne National Laboratory (2003)
- Pacesetter Award, Argonne National Laboratory (2001)

Career Activities & Highlights

- Extensive experience in radiological forensics, including sample collection, sample analysis, and the collection of comparison data (signature information)

- Extensive experience in training personnel to understand and safely handle radioactive materials
- Extensive experience in spent fuel reprocessing and solvent extraction processes
- Extensive experience in nuclear waste form development (ceramics, titanates, glass) and corrosion testing of waste forms for repository disposal
- Experience in hazardous and mixed waste treatment processes, including evaporation, solvent extraction, carrier precipitation, ion exchange
- Member of the FBI's Scientific Working Group on Forensic Analysis of Chemical, Biological, Radiological & Nuclear Terrorism (SWGCBRN)

Publications & Patents

- Publications : 75 (journal articles and reports)
- Publications *in press* (2009): None
- Patents, Patent Applications & Inventions: None