

DOSIMETRY SERVICES

The Dosimetry Services Group provides one-stop shopping for comprehensive dosimetry services to all employees, contractors, visitors, and customers of ORNL.

The group comprises four programs:

The **Internal Dosimetry Program** performs in vivo and in vitro monitoring, as well as dose assessment, to accurately measure and record internal occupational radiation doses. Internal Dosimetry's in vivo and in vitro measurement programs are recognized by the Department of Energy Laboratory Accreditation Program (DOELAP) for Radiobioassay. ORNL was the first site to be accredited. Program Lead: Govind R. Rao (865-576-1182; raogr@ornl.gov)

The **External Dosimetry Program** is responsible for accurately measuring and recording external occupational radiation doses. External Dosimetry has demonstrated its commitment to quality by maintaining DOELAP accreditation in all radiation categories for personnel dosimetry. Program Lead: Abu B. Ahmed (865-574-6662; ahmedab@ornl.gov)

The **Radiation Instrument Calibration Program** is housed at the Radiation Standards and Calibration Laboratory (RaSCaL). RaSCaL serves ORNL and other organizations within the local DOE community by providing high-quality instrument calibrations, dosimeter exposures, and technical measurement expertise in support of various radiological protection programs. Program Lead: Kevin L. Reaves (865-576-5895; reaveskl@ornl.gov)

The **Health Physics and Safety Support (HPSS) Program** develops and maintains software applications used to support ORNL radiological and safety activities; provides PC software support for applications developed by the Operational Safety Services Division (OSSD); maintains standard operating procedures for OSSD; and provides computer security support for OSSD. In addition, HPSS is charged with accurately recording and reporting occupational radiation exposures. Databases are also maintained for Radiological Work Permits, Direct Reading Dosimeters, radiological incidents, and historical monitoring data. Technical Leads: Vince Bishop (865-576-7367; bishoprv@ornl.gov) or Randy Gorman (865-574-6993; gormanwr@ornl.gov) and Elizabeth Dixon (865-574-7473; dixone@ornl.gov)

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