



Control of Visitors, Minors, Children and Infants in Radiation Laboratories

Required of departments and services where ionizing radiation is used or encountered.

Federal regulations state that "every reasonable effort shall be made by the user to maintain radiation exposures as low as reasonably achievable" (ALARA). California State University, Fullerton (CSUF) is committed to the ALARA philosophy.

In uncontrolled areas to which access is normally allowed, radiation levels are usually no higher than the general public encounters from naturally occurring background radiation (approximately 300 mrem/year from terrestrial and cosmic sources). Occasionally, however, radioactive material or radiation-producing equipment may be in use in these areas, which could expose individuals to some radiation.

Temporary Workers

Though laboratory personnel are not expected to receive measurable radiation exposure, as a precaution, all persons must meet with Radiation Safety Personnel prior to starting any work or activity in radiation areas. The Radiation Safety Officer or delegate will provide temporary worker training and/or monitoring equipment as appropriate.

Visitors

Persons not associated with work conducted in the laboratory are permitted brief visits. However, permission first needs to be obtained from a supervising faculty member. During these visits, all visitors **must constantly be accompanied** by trained lab personnel and be made aware of basic radiation safety rules.

Minors

Because of the legislation regarding exposure limits to minors (10CFR20, subpart C.1207), the access of minors into radiation areas must be restricted. The Radiation Safety Officer or delegate shall evaluate access of anyone under the age of 18 on an individual basis. **No access into such areas shall be allowed for infants and small children. Older school-aged children may be allowed to tour these areas under special circumstances with supervision and the express approval of the Radiation Safety Officer.**

Minors conducting or assisting in research in any laboratory where radiation could be present must receive the same standard Radiation Safety Training as required by all persons working with radioactive material or radiation-producing equipment.