Date Posted: April 24, 2012

Organization: Air Force Technical Applications Center

Position: Radiochemistry Analysis Section Chief

Location: Patrick AFB, FL

Reference URL: http://www.afisr.af.mil/units/aftac/index.asp

Job Description Details: GG-0840/1310/1320-12, Relocation allowance may be paid.

Salary Range: $68,809-$89,450 per year.

Performs work requiring expert-level professional knowledge
of radiochemistry, inorganic and organic chemistry
separation and purificaiton techniques, analytical chemical
techniques, tracer and carrier techniques, instrumental
chemical techniques, chemical yielding techniques, and all
other techniques that may be used in radiochemistry
laboratories.

Duties include overseeing the development of
radiochemistry procedures that will address the spectrum of
activity levels in samples from nuclear weapons tests or
nuclear-related accidents.

Conducts various specialized radiochemistry evaluations to resolve scientific problems when
samples do not separate or purify as anticipated.
Provides technical assistance and training regarding
laboratory methodology and standard operting procedures to
the laboratory radiochemists.

Serves as a technical focal-point and advisor in specialty areas for investigating and
resolving radiochemistry problems resulting from processing
issues or samples that contain unexpected materials.
Plans, coordinates, and administers aspects of assigned
radiochemistry programs through application of professional
knowledge and skill in nuclear radiochemistry and
laboratory practices, processes and techniques.

Identifies nuclear radiochemistry research and development
requirements, and discerns technologial needs for advanced
instrumentation and techniques. Executes assigned
programs/projects in compliance with all applicable laws,
policies, and procedures. Writes detailed scientific
documents. Briefs nuclear radiochemistry techniques
requirements, limitations and results. Provides
operational guidance, advises management on problems and
proposes innovative solutions.