



**Facility Information:**

National Security Technologies LLC (NSTec), manages and operates the Nevada National Security Site (NNSS), formally the Nevada Test Site, along with several auxiliary laboratories. One of which, the Remote Sensing Laboratory (RSL), has its primary facility on Nellis Air Force Base in Las Vegas, Nevada with a satellite facility at Andrews Air Force Base just outside of Washington D.C. The Remote Sensing Laboratory is focused on the creation and fielding of technologies to make measurements from a distance in support of radiological emergency response, non-proliferation and counterterrorism. It is best known for its extensive response to the 2011 Fukushima Daiichi accident. Additional potential research locations are at: North Las Vegas, Nevada; Los Alamos and Albuquerque in New Mexico; plus Santa Barbara and Livermore in California.

NSTec works closely with DOE/NNSA, the Department of Homeland Security (DHS) and other agencies to improve national security in a number of mission areas, which include:

- Counter Terrorism Operations Support – Training our nation’s first responders for CBRNE events,
- Radiological crisis response to detect and prevent radiological or nuclear terrorism,
- Radiological consequence management to assess the extent and severity of a nuc/rad incident,
- Securing nuclear materials from terrorist and criminals both in the US and abroad,
- Prevention of nuclear proliferation to rogue states and terrorist organizations,
- Detection of non-radiological threats in support of counterterrorism.

**Integration:**

The intern will become part of a team involved with the development and testing of new technologies sponsored by DHS. The intern will be linked with the project’s Principal Investigator as a mentor and also coupled to a coworker. Opportunities will be made available to become familiar with technologies and operations outside of the assigned project. Access to necessary resources will be provided.

**Dates:**

Summer DHS internships are full-time (40 hr/week) positions for 10 consecutive weeks. Start and end dates are flexible as long as they meet DHS intern program requirements.

**Housing:**

Interns are eligible for reimbursement of housing and utility costs up to \$3,000 during the duration of the 10-week internship from NSTec. No relocation assistance is provided by NSTec (DHS Intern Program offers travel to/from RSL and home).

**Transportation:**

It is recommended that interns plan for their transportation needs. RSL’s location and the surrounding community do not lend themselves to walking, biking or reliance on public transportation.

**Contact Info:**

Dr. Eric C Wagner, Senior Principal Scientist, Remote Sensing Laboratory  
 National Security Technologies, P.O. Box 89521  
 M/S RSL-20, Las Vegas, NV 89193-8521  
 Telephone: 702-295-8828  
 E-mail: [WagnerEC@nv.doe.gov](mailto:WagnerEC@nv.doe.gov)

