Title:	Welcome To Los Alamos Where Discoveries are Made
Author(s):	Roybal, Danielle Faith Holman, Hannah Ruth
Intended for:	Presentation about LANL for Interview Candidates since onsite interviews aren't happening currently due to the COVID -19 Pandemic.
Issued:	2021-05-13

WELCOME TO LOS ALAMOS

Where Discoveries are Made!

AN INTERESTING HISTORY

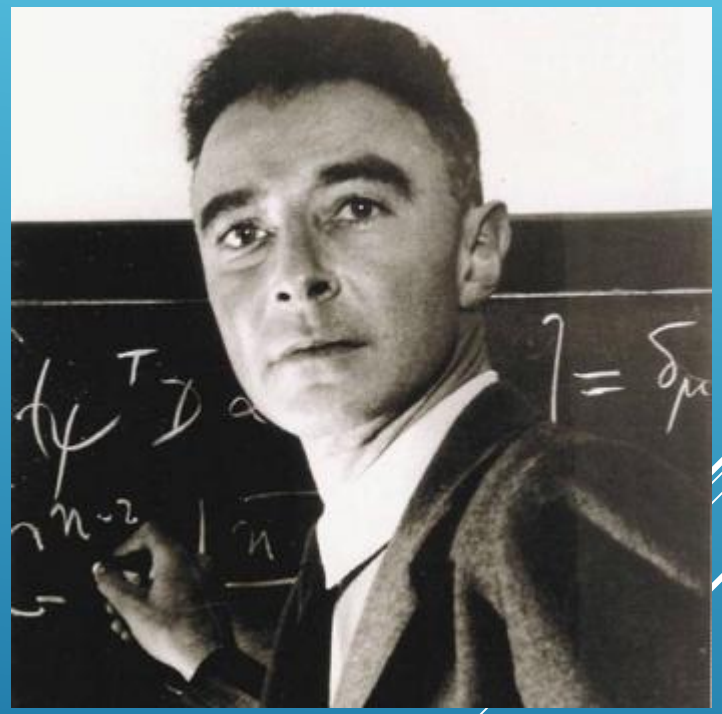
- The Laboratory was founded in 1943, for a single purpose: to design and build an atomic bomb. The efforts towards this goal came to be known as "The Manhattan Project".
- The Lab began as a secret and was originally referred to as Project Y.
- Now, LANL is the one of the most famous labs in the world, often tagged as the place "Where discoveries are made"
- Los Alamos itself is interesting, being that the town came to be due the massive collection of scientists coming together from around the world, with one goal.

A THRIVING PRESENT

- LANL currently employs 13,137 people!
- The Lab's property spans over 36 square miles
- LANL's current budget is about $2.92 billion
- The average employee age is 47 years
- The Lab will continue to grow for the foreseeable future!

WHY IS EVERYTHING NAMED OPPENHEIMER?

- J. Robert Oppenheimer was LANL's first director. He is sometimes called "The father of the atomic bomb"
- Oppenheimer was a theoretical physicist, and went on to successfully lead one of the most impressive projects in the scientific community: The Manhattan Project
- It's no wonder that his name is everywhere! This town exists partially due to his successful leadership!



LOS ALAMOS, THE CITY AND THE AREA

- Los Alamos' population is currently 12,666
- White Rock is a town nearby, and most of the people who live there are also lab employees. White Rock's population is currently 5,751
- Some fascinating locations to visit would be:
  - The Bradbury Museum (A must! Very educational)
  - Bandelier National Monument
  - Valles Caldera
  - Wheeler Peak (highest peak in NM, less than 2 hours away!)

ENJOY OUTDOOR ACTIVITIES? LOOK NO FURTHER

- This area is filled with endless outdoor activities, such as:
  - Outdoor rock climbing (an abundance of well maintained routes!)
  - Mountain biking (the ski hill is a popular biking location)
  - Downhill skiing (only 15 minutes outside of Los Alamos!)
  - Hiking (Trails everywhere, there is good hiking near Sante Fe as well)
  - There are also many dog parks, skate parks, and sports fields!

LOOKING FOR SOME FINE CUISINE?

- These are some of our favorite restaurants in the area!
  - Rigoberto's (Los Alamos and White Rock)
  - Pig n Fig Café (White Rock)
  - Bathtub Brewery and Bose Bro's Brewpub (Los Alamos)
  - Paper Dosa (Indian cuisine in Santa Fe)
  - Jambo Café (African cuisine in Santa Fe)
  - The cuisine options are endless in Santa Fe, explore and enjoy!

WHERE YOU'LL WORK?

NUCLEAR & RADIOCHEMISTRY GROUP

- The Nuclear and Radiochemistry (C-NR) Group applies vital radiochemical expertise and radioanalytical capabilities to research and applied problems facing the nuclear enterprise.
- Programmatic work supported by C-NR includes maintenance and stewardship of the nuclear stockpile, forensic science, treaty monitoring, international safeguards, global security, nuclear non-proliferation, and bioassay monitoring.
- Current major sponsors include the National Nuclear Security Administration, federal agencies (Department of Defense, Department of Homeland Security, Department of Justice, Department of State, and other Strategic Partnership agencies), LANL institutional support, and competitive internal funding.

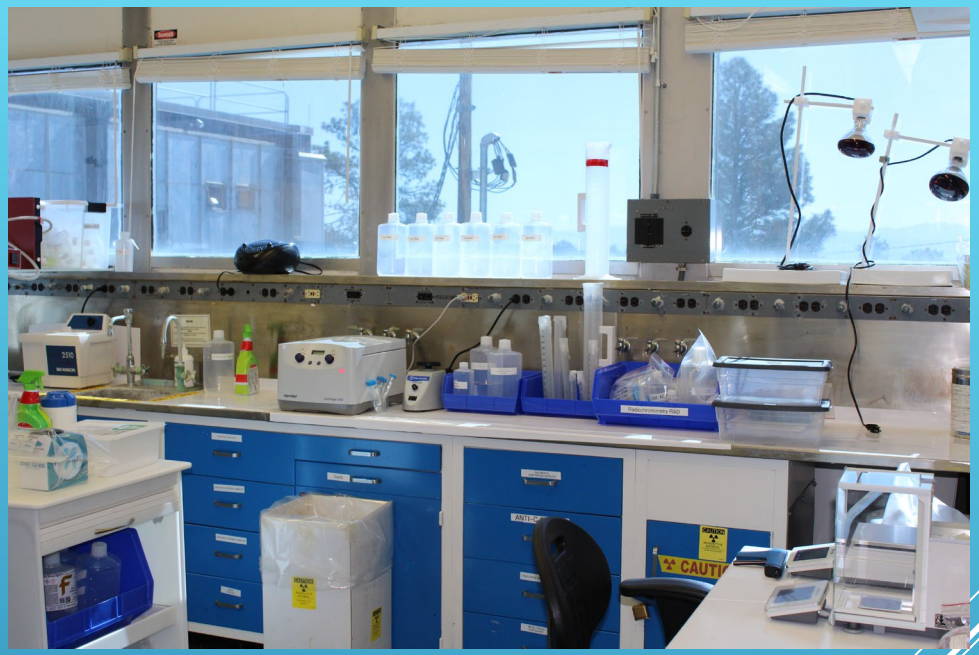
CLEAN CHEMISTRY TEAM

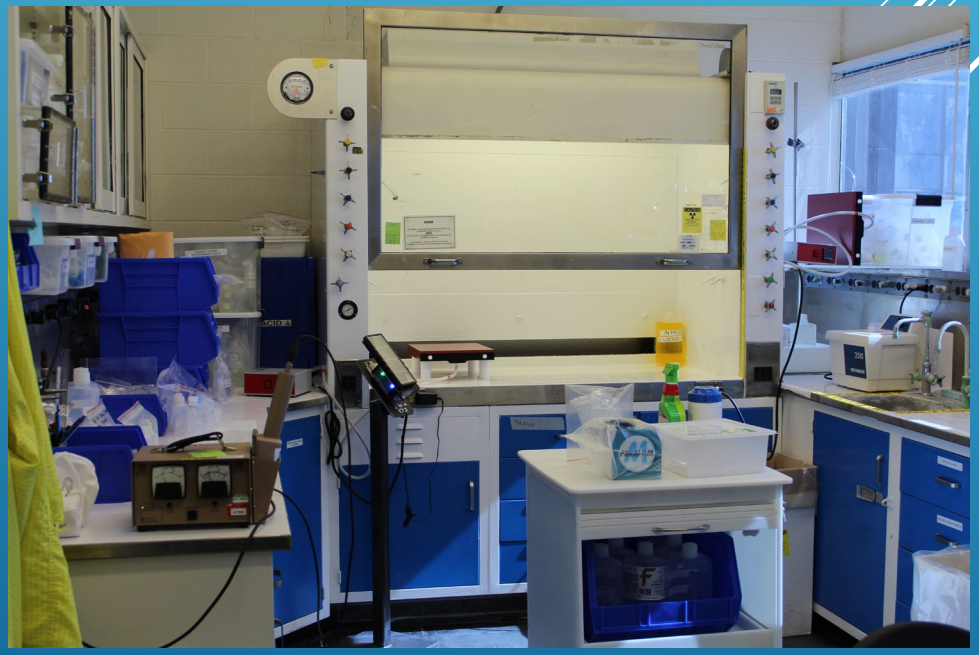
- The Clean Chemistry Team maintains expertise and capabilities for the handling methodologies and cleanroom facilities required for measurement of very low concentrations of radionuclides in environmental samples.

OUR FACILITIES

OUR LAB SPACES

OUR LAB SPACES



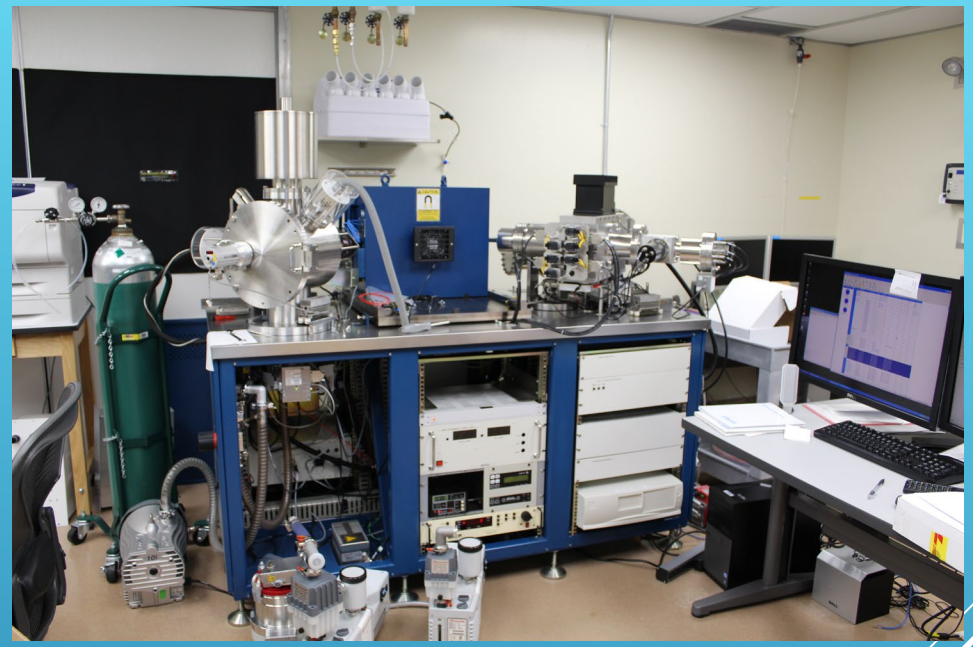


THE CLEANROOM

THE CLEANROOM

INSTRUMENTATION

- Analytical platforms include multicollector thermal ionization mass spectrometry (TIMS), single and multicollector sector field inductively couples plasma mass spectrometry (ICP-MS), quadrupole ICP-MS, and large geometry secondary ion mass spectrometry (LG-SIMS)



BEST OF LUCK, AND WELL WISHES!

The Lab is an exciting place to be, as is the Los Alamos area!

Enjoy some nature, make some friends, and be welcome!