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Title: Student Programs Office Overview

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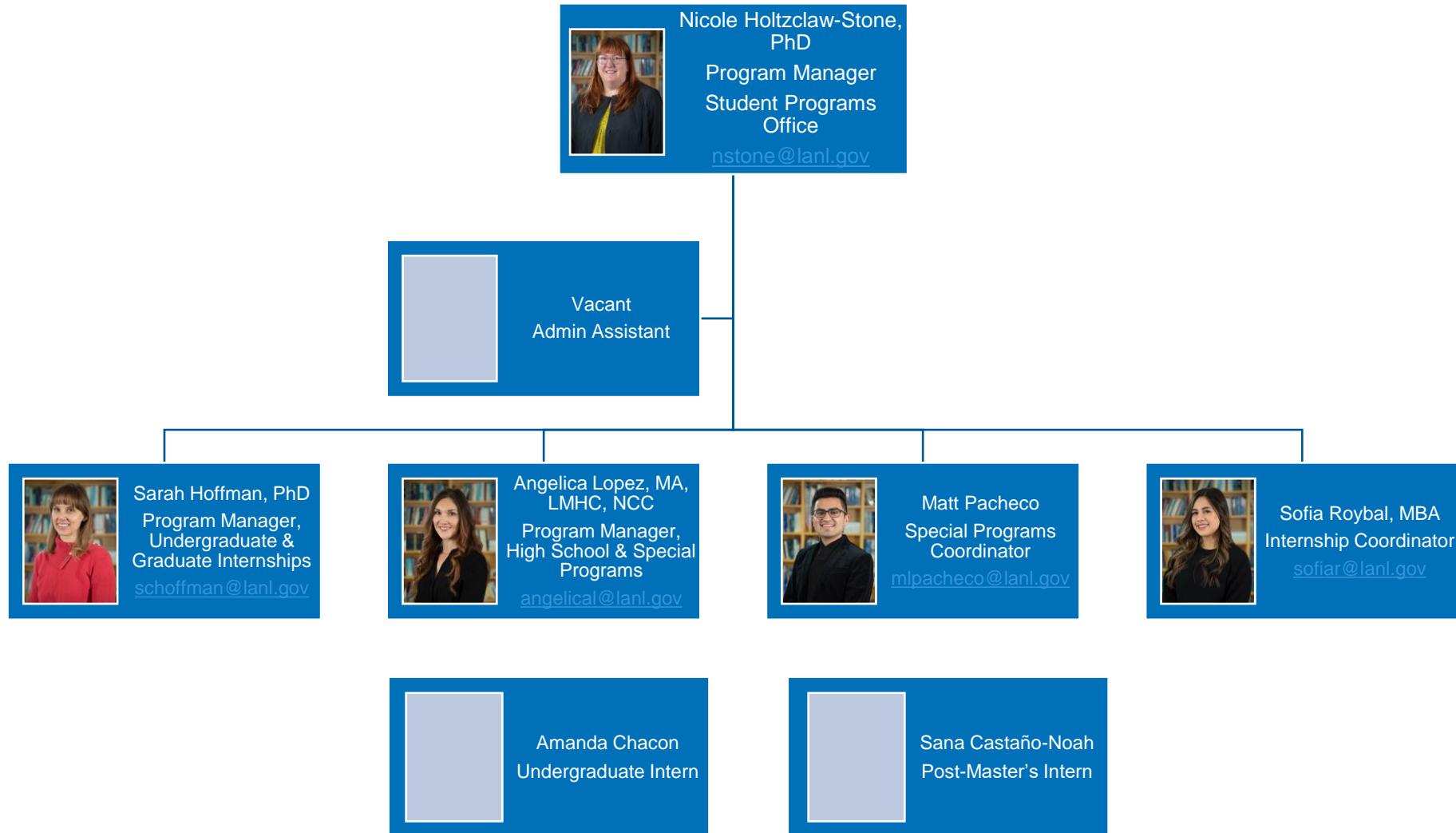


Student Programs Office Overview

Nicole Holtzclaw-Stone, PhD
Student Programs Office

June 28, 2023

Student Programs Office: Who are we?



Student Programs

- Further the Laboratory's goal of developing and mentoring the next generation of scientific, technical, and professional staff by supporting:
 - 2,000+ interns at all levels (high school, undergraduate, graduate, and postgraduate)
 - 2,000+ mentors, 70 division student liaisons
- Our activities:
 - Internship promotion and external engagement
 - Intern identification and sourcing
 - Training and orientation
 - Professional and career development
 - Social and community engagement
 - Compliance

Internship Appointments

LANL interns onboard under one of the following appointment types:

Student Intern

- HS, UGS, Post-BS, GRA, Post-MS appointments
- Compensated based on institutional [Student Salary Structure](#)
- Casual, part-time, or full-time appointments
- Eligible for travel reimbursement and some benefits

Student Guest

- Official Student Guest or Fellowship Student Guest
- Utilize LANL resources to meet academic requirements
- Eligible for travel reimbursement
- May receive compensation if participating in externally-administered educational program

Internship Types

Technical/Scientific

- Most areas in STEM (biological sciences, computational sciences, engineering, mathematical sciences, physical sciences)
- Experimental, computational, or theoretical
- Research or applied

Professional/Administrative

- Program/project management
- Finance/accounting
- Human resources
- Operations
- Capital Projects

Undergraduate (UGS) & Graduate (GRA) Internships

- UGS Eligibility:
 - Acceptance into an accredited undergraduate program
 - Enroll in and successfully complete a full course load (e.g., 12 credit hours per semester)
 - 3.0 Cumulative GPA on a 4.0 scale (or equivalent)
 - Pass a new employment drug test
- GRA Eligibility:
 - Acceptance into an accredited graduate program
 - Full-time status (6 credit hours per semester, or equivalent)
 - 3.2 Cumulative GPA on a 4.0 scale, or equivalent
 - Pass a new employment drug test



Post-Baccalaureate & Post-Master's Internships

- Post-bac Eligibility:
 - Awarded a bachelor's degree within the last **three years**
 - **3.0** Cumulative GPA on a 4.0 scale (or equivalent)
 - Not yet accepted into an accredited graduate program
 - Pass new employment drug test
- Post-Master's Eligibility:
 - Awarded a master's degree within the last **three years**
 - **3.2** Cumulative master's GPA on a 4.0 scale (or equivalent)
 - Not yet accepted into a second master's program or a doctoral program
 - Pass a new employment drug test
- Time limit:
 - **Two years**
 - use this time to gain relevant work experience, prepare job applications, and/or apply for a doctoral or second master's program



Special Internship and Fellowship Programs

- Externally-funded internship and fellowship programs administered by Department of Energy (DOE), the National Nuclear Security Administration (NNSA), National Science Foundation (NSF), and various educational consortia
- Support diversity advancement across DOE complex of national laboratories
- Summer and year-round internship and fellowship opportunities
- Graduate and research fellowships for students at undergraduate and graduate level
- Each program has distinct eligibility requirements, application processes, deliverables, and funding
- Students receive full funding from external administrator and onboard as Student Guests or Student Employees

2022: Successful Hybrid Summer



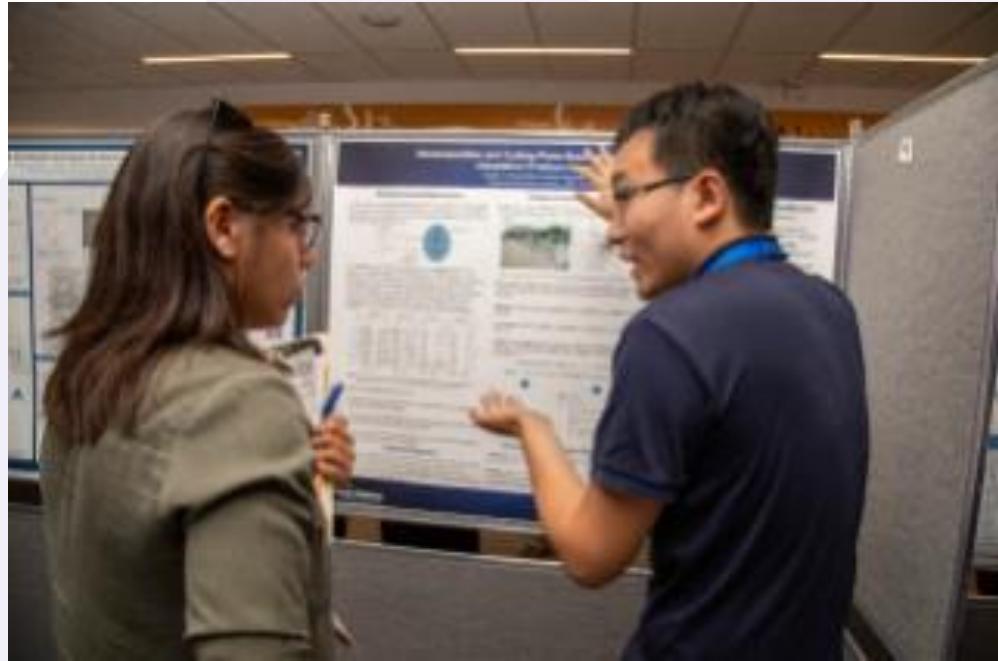
LANL student interns working in their lab.

- Approximately **1,812** summer student interns in 2022
- **35.7%** were returning student interns
- **70.9%** of interns worked on-site or hybrid in 2022
- **55** students from Texas A&M University

Student Symposium – August 2022

Approximately **185** student interns participated in the 2022 Student Symposium

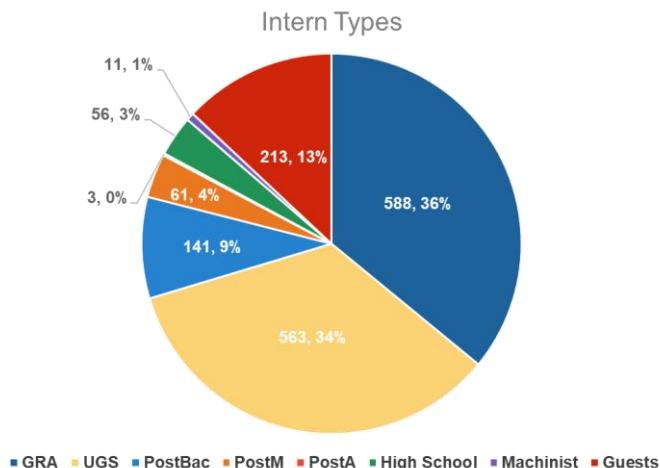
Interns, mentors, and judges enjoyed an afternoon of poster presentations



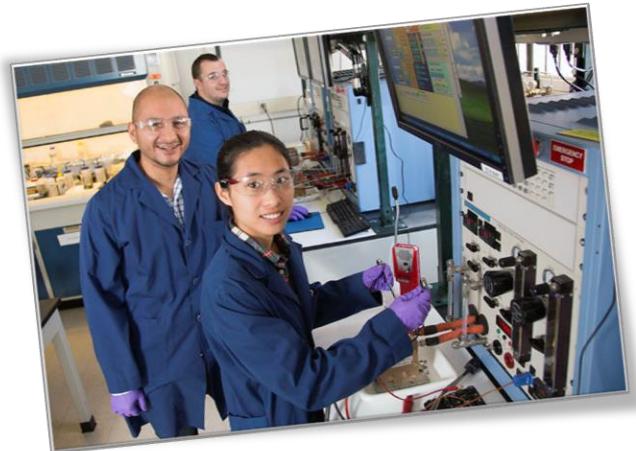
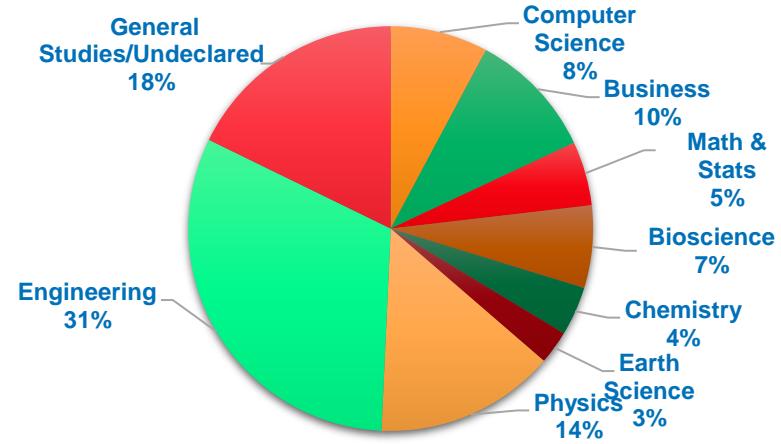
A student explains their poster to a guest.

Students are used as a staff pipeline for all LANL organizations

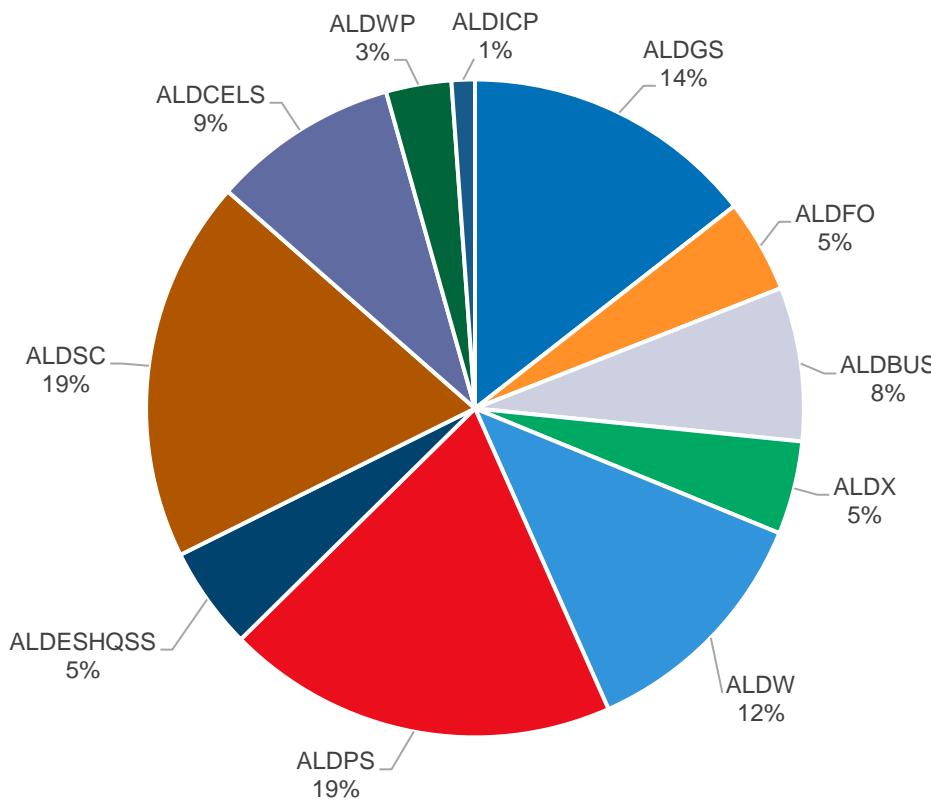
- The majority of LANL students are in four-year or graduate degree programs
- 70% are in a declared technical degree program
- ~550 year-round students (mostly UGS & GRA)



Student Majors



2022 Student Hires by ALD



Special Internship Programs

[DOE Office of Energy Efficiency and Renewable Energy Advanced Manufacturing Office Summer Internships](#)

[DOE Office of Environmental Management Minority Serving Institutions Partnership Program](#)

[DOE Office of Science Office of Workforce Development for Teachers and Scientists Science Undergraduate Laboratory Internships Program](#)

[Mentorship for Environmental Scholars Program](#)

[NNSA Minority Serving Institution Partnership Program](#)

[NNSA Minority Serving Institutions Internship Program](#)

[NSF Mathematical Sciences Graduate Internship Program](#)

Fellowship Programs

[DOE Computational Science Graduate Fellowship](#)

[DOE Office of Environmental Management Graduate Fellowship Program](#)

[DOE Office of Fossil Energy and Carbon Management Mickey Leland Energy Fellowship Program](#)

[DOE Office of Science Graduate Student Research Program](#)

[Graduate Fellowships for STEM Diversity](#)

[National GEM Consortium Fellowship Program](#)

Questions?

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