

Noah Lundstrom



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PROFILE

Dedicated student pursuing a chemistry degree with a Pre-Med emphasis at NMSU, building on a solid academic foundation as the top graduate of Grants High School in 2025. Gained hands-on experience working with microorganisms in a lab, completing projects that include generating electricity through microbial growth and utilizing bacteriophages for microbial control, which deepened understanding of microbiological applications. Offers strong analytical skills, a passion for scientific inquiry, and a commitment to contributing to the medical field as a future general surgeon, aiming to establish a private practice in his hometown.



WORK EXPERIENCE

10/2021 – 04/2025

GRANTS, USA

Researcher

Grants High

- Conducted extensive research to design and create a solar-powered hat that charges cellphones, which provided an innovative solution for portable energy needs.
- Researched and developed a functional bacterial fuel cell using sludge from a local water source, successfully isolating and culturing the energy-producing bacteria, *S. putrefaciens*, which contributed to renewable energy advancements.
- Investigated methods to culture bacteriophages in a lab setting, aiming to target and eliminate *E. coli* bacteria, which explored phage therapy as a promising alternative to conventional antibiotics.
- Tested various citrus fruits to collect data on vitamin C concentrations, helping to identify the most nutrient-rich options for health-conscious consumers.



SKILLS



STRENGTHS

- ✓ Analytical Thinking
- ✓ Collaboration
- ✓ Communication
- ✓ Adaptability
- ✓ Initiative



HOBBIES



Exploring
distant lands



Maintaining
good physical
health



Dog owner



Movie Buff



Likes trying
new things



Foodie