



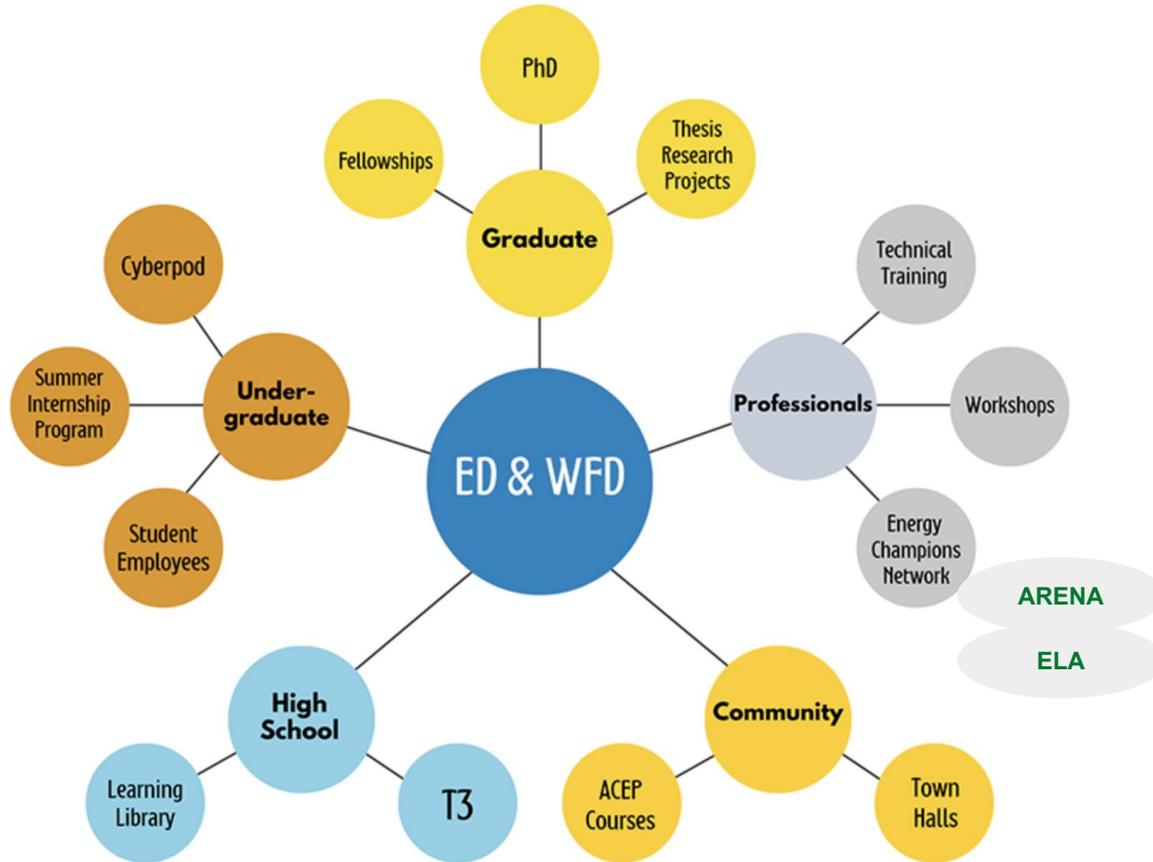
Energy Internship Programs

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ETIPP Alaska Regional Meeting | Energy Workforce Workshop



ACEP Education & Workforce Development Program



Finding + inspiring the next generation

Our Goals

- Build pathways for passionate undergraduates to work on interesting, challenging energy projects in Alaska.
- Hire students who know and care about Alaskan communities—especially off the road system.



How we have done this?

- Cohort-first match process

1. **Simple application form:**
applicant is excited & available
2. **2-3 interviews per project:**
mentor and program team listen to interests, goals, & context
3. **Select cohort**
4. **Finalize research project:**
Mentor and Intern finalize the goal and scope together

From Puerto Rico to Alaska – Intern Dives into Energy Optimization Analysis



Research Project Goal



- Develop plots that relate EV power usage to temperature
- Create a catalog of available EVs in America
- Develop plots that relate Gillnetter power usage to time
- Test and collect data from electric troll gurdy

How we have done this?

- Project design
 - *What do you need done?*
 - *What will they learn?*
 - *How will they be stretched?*
 - *What will they produce?*
- Clear funding sources
 - Price of an intern

**Cost of a 10 week
summer intern:
around \$12,150**

Labor: \$8,900

~\$22/hr x 40 hrs x 10 wks

Housing: \$3,000

Additional activities:
\$250

*Other things to consider:
transportation, equipment, insurance,
mentor's time*



Since 2022

- We have tripled the number of applicants
- 65 interns through our program
 - 3 University of Alaska interns have returned for a second year
- At least 50% of every cohort from Alaska

Looking forward

- *More utility-ACEP collaborative projects*
- *Share lessons learned with others on building*
- *Advertising other internship opportunities*





ENERGY CHAMPIONS NETWORK



Arctic Remote Energy Networks Academy



ACEP
Alaska Center for Energy and Power

ARMI
ENERGY. TRANSFORMED.

Energy Leadership Accelerator

Empowering local energy leaders from
mainland tribal communities and remote
islanded communities across
the Caribbean, Pacific, and Arctic.

Meet the 2025 cohort!

