

# Scholarships Available to University Students From DEED

Demonstration of Energy-Efficient Developments

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Michele Suddleson

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# Presentation Overview

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- APPA and DEED
- DEED Scholarships
- Examples of Student Projects

# What is the APPA?

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- The American Public Power Association is the service organization for the over 2000 community owned electric utilities.
- Our members include small cities across the country – and some big ones too.
  - City of Ames, Iowa; Lewis County PUD, Lewis WA, Los Angeles Department of Water & Power, New York Power Authority.
- & Federal Power agencies (i.e.. TVA) too.

# What is DEED?

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- APPA's research and grant program
- Provides funding to a subset of APPA members (DEED members) who have chosen to invest in electric research.
- 650 DEED members

# What does DEED do:

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DEED provides funding for innovative projects, personnel, tools, training, knowledge, and recognition to its utility members.

# Where do students fit in?

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We want to:

- introduce you to public power
- invite you to consider work in public power
- Provide you with real world experience to put on your resume
- offer an opportunity for you to earn credit for your work experience
- Help fund your education

# Why?

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- Introduce potential future employees to our members
  - Ageing & retiring workforce
  - Shortage of technical workers
- Provide our members with personnel to help with their utility projects

# How does DEED help students?

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DEED offers **student research grants, student internships, and technical design projects** to university students.

Undergraduate & graduate students

# Student scholarships available annually from DEED

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- Two scholarships types:
  - Student research grants/internships
  - Technical design project

# DEED funds scholarships that...

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- are innovative
- offer transferable results
- improve efficiency, reduce costs, investigate new technologies, offer new services, and/or improve processes and practices to better serve utility customers
- improve utility operations
- **Introduce students to public power**

# Student research grant

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- **What is it?** Work on a research project of mutual interest with a utility.
- **How many?** Ten annually
- **How much?** \$4000
- **Who?** Undergraduate or graduate students working on energy related topics
- **Deliverables?** Mid-project report, final report, & abstract due upon project completion
- **When?** Application Deadline for 2008 is February 15 & October 15. Hear back by May/November
- **Sponsorship?** Student must obtain DEED member sponsor. Members listed on website by state.

# Student internship details

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- **What is it?** Work at a utility as an intern
- **How many?** Ten available annually
- **How much?** \$4000
- **Who?** Undergraduate or graduate students working on energy related topics
- **Deliverables?** A mid-project report, final report, & abstract due upon internship completion
- **When?** Application Deadline for 2008 is February 15 & October 15. Hear back by May/November
- **Sponsorship?** Student must contact a DEED member to sponsor the research project/internship

# Technical Design Project details

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- **How Many?** One annually
- **How Much?** \$5000 + \$3000 in travel funding to present the project at an APPA Conference.
- **Who?** Geared towards engineering student or group of students working on their senior project.
- **Deliverables?** Conference presentation, mid-project report, final report, & abstract due upon project completion
- **When?** Application deadline is October 15 each year. Hear back by November.
- **Sponsorship?** No DEED member sponsor required.

# Visit the website

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On the website ([www.appanet.org](http://www.appanet.org). Click on Research & Development (DEED) then Funding Opportunities) you will find:

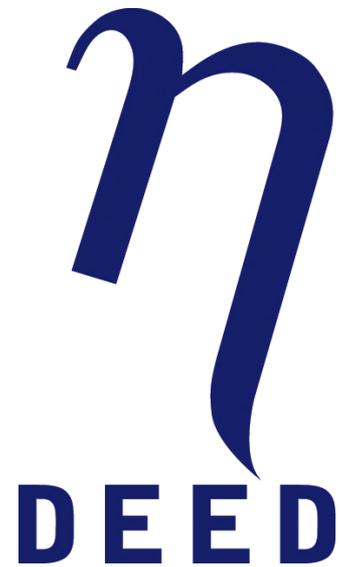
- downloadable applications
- list of potential DEED member sponsors
- Student survey about their scholarship experience
- list of prior projects
- my contact information

# Student project examples

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- **Utility Transmission & Distribution System Analysis, *City of Manassas, Va.***
- **Emerging Electrical Energy Storage Applications for Public Power Utilities in Competitive Electricity Markets, *Lewes Board of Public Works, Del.***
- ***TDP - UV LED Sterilization of Heating, Ventilating, and Air Conditioning Systems, Milwaukee School of Engineering***

# Questions?



# Contact Details:

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Michele Suddleson

DEED Program Manager

1875 Connecticut Ave., NW, Suite 1200

Washington, DC 20009

202-467-2960

msuddleson@APPAnet.org

[www.appanet.org](http://www.appanet.org) Click on Research & Development  
(DEED) then Funding Opportunities