



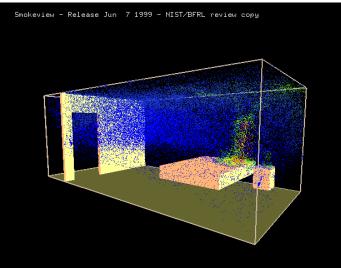


### National Chapter

San Diego

Chapter

Professional UCSD Chapter



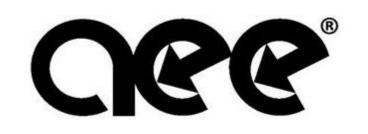


#### PROGRAM OVERVIEW ELECTION OPPORTUNITIES INTRO





#### HORIZONTAL MANAGEMENT

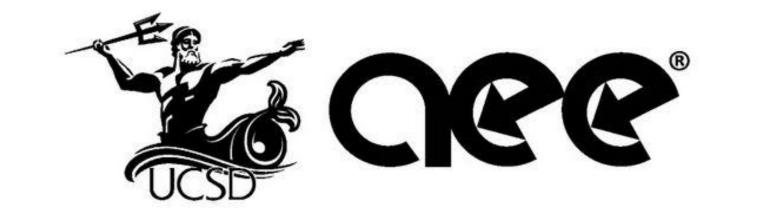


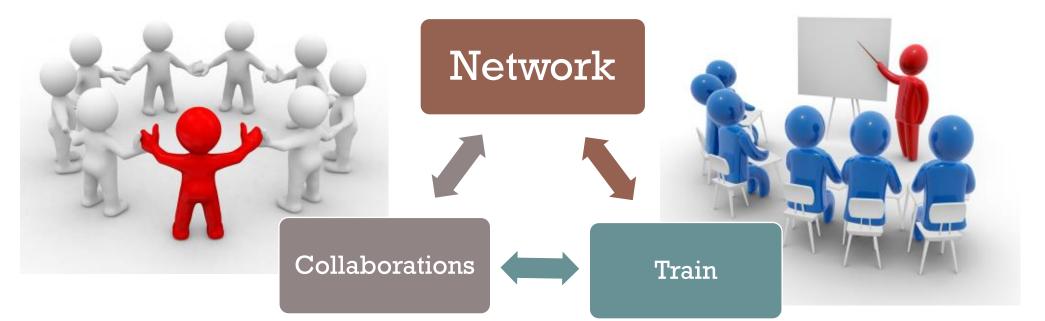
### Core Officers

IT Internal External Financial Program Manager Manager Manager Manager

# MEMBERS











# TRAINING PROGRAMS

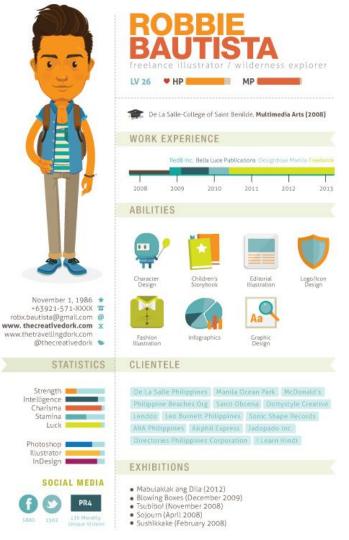
Membership, Career Development, Workshops

#### **PROGRAM OVERVIEW** ELECTION OPPORTUNITIES INTRO

# MEMBERSHIP

- Need at least 10 National Member Registrations to become a chapter
- Official Member
  - \$15 Registration on the National Chapter Website
  - \$5 go to UCSD-Chapter
  - Total: \$20
- Training Program is designed specific to serve our official member directly
- Other benefits includes:
  - Discount for specific books
  - Free Subscriptions to AEE Academic Journals
  - Free luncheon at the SoCal chapter
  - Scholarships

# RESUME HELP 1-ON-1 / MENTOR-MENTEE



- All official AEE member can seek help on their resume at any point in time by one of the core officers
- This program is barely used. Hence, not a lot of sophisticated details currently exists.
- Core officers qualify to do this work usually have to went through many resume critique sessions or have extensive experience to help others.





# WORKSHOPS







### TECHNICAL SKILLS: Energy modeling

SOFT SKILLS: Career speed dating





# NETWORK PROGRAM

Dining with Energy Professionals, Dinning with Professors

#### **PROGRAM OVERVIEW** ELECTION OPPORTUNITIES INTRO

# DINING WITH PROFESSOR

Renkun Chen Faculty Advisor

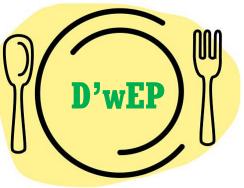




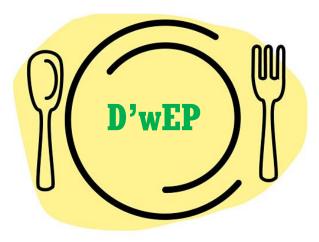
# DINING WITH ENERGY PROFESSIONALS



- Happens quarterly
- Network with alumni or experienced personnel
- May find your professional mentor
- Enjoy delicious foods / often potluck style
- People who had came out:
  - Former founder of USGBC (LEED certification), Consultant & Energy Efficiency Project Manager from the County of San Diego
  - Employees from California Center of Sustainability Energy, Tetra Tech, & SDG&E



# DINING WITH ENERGY PROFESSIONALS



#### SPRING QUARTER D'wEP

- Tentative, Official announcement will come out in Week 4
- When: Monday (week 6), around 6-8PM
- Guests:
  - Anna Levitt, Energy Engineer from UCSD Facilities & Management
  - still confirming
- Admission:
  - Free for official AEE members
  - \$3 for non-AEE members (might subject to change to free)
  - RSVP may be required





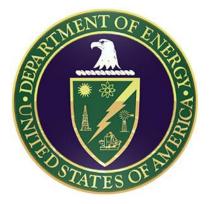
# ODLAB PROGRAM

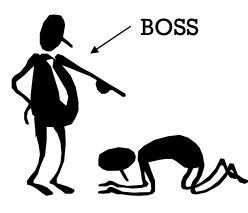
Better Building Case Competition, Give-It-10

#### **PROGRAM OVERVIEW** ELECTION OPPORTUNITIES INTRO



# Better Buildings<sup>®</sup> BETTER BUILDING CASE COMPETITION





- Annually hosted by the Department of Energy (Nov Mar ish)
- Team develop a business proposal and a presentation on front of industry experts in Washington D.C. to compete for the winning proposals, which are used by the case partners in real life!
- This is for you if:
  - You want to become a manager some day
  - You are going to get an MBA
  - You want to gain a different perspective from engineering
- Why is this an AEE program?
  - AEE can provide the resources or by its association to help team gain funding

#### PROGRAM OVERVIEW **OPPORTINITIES** ELECTION INTRO



# BETTER BUILDING CASE COMPETITION

WE WON! Most Innovative Proposal for Picking Up the PACE Case



Missing Member: Bharathan Balaji, Ph.D. C.S.E.





### LEARN

10 minutes – 10 hours , dedicate to learn something interesting The pilot program starts with the Arduino

## VLOG

Yes. That's right. We're gonna vlog our progress. This program originates from giveit100.com . Check it out! It's really cool!

### COLLAB

We're going to have a challenge project at the end to put your new earned skills to the test. It's up to you to bring what you learn to the next level.





### HOW TO PARTICIPATE

Sign Up Link:

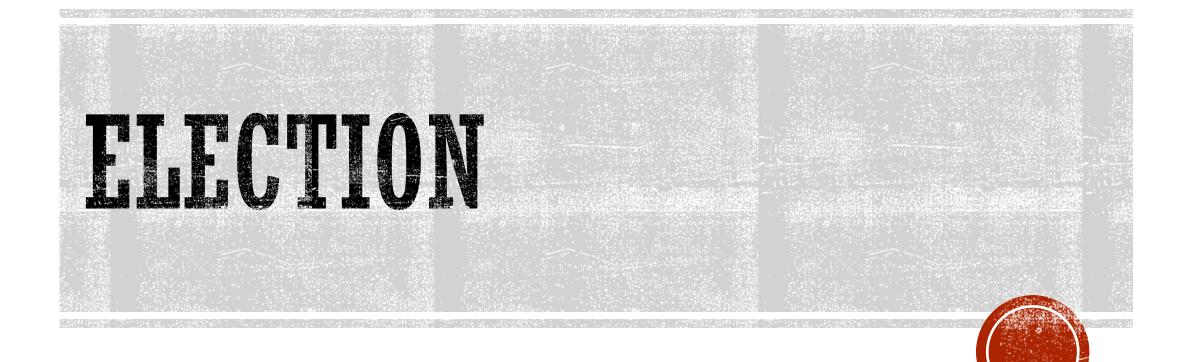
https://docs.google.com/forms/d/12YtRg9jsA0eLvHg\_BU9 BiuYb1NPpT1IGZl-lJ19mpgA/viewform

### **STATUS**

• Ordering parts

# GIVE IT 10





# **OPEN POSITIONS**



#### **Internal Manager**

- Organize internal operations, run meetings/documentation
  - The Keeper of Important Documents of AEE (registrations, members info, etc.)
- Improve the membership experience

#### **External Manager**

- Take care of external relationships
- Make sure things are enforced and run smoothly



#### Information Technology (IT) Manager

- Handle website, logistics, direct communications
- Good at doing things that is outside of job description





#### **Financial Manager**

- The yoda of money business; aware of all funding opportunities
- The Keeper of AEE accounts / income / outcome
- Has high integrity and trust from all board members



#### **Program Managers 1 & 2**

- Run Programs (programs are different from projects)
- You are the person who make things happen
- This position mirror "Project Managers" position in real life



# HOW TO APPLY FOR EXISTING POSITIONS

- **STEP 1.** 2 OPTIONS TO SUBMIT HARD APPLICATION
  - 1) Submit Resume to <u>aee@ucsd.edu</u>
  - OR 2) Fill out here:
  - You may add a cover letter (optional)
  - **Deadline**: Week 6, Monday, 11:59PM
- **STEP 2**: Prepare a 2 minute elevator pitch about yourself
  - You'll present that speech before the special election meeting (end of Spring Quarter)
- **STEP 3**: Official AEE members are eligible to Vote either at the meeting or via email if they cannot make it (hence you need to provide step 1)
- STEP 4: You'll be notified via email or phone. 1 month training before you adopt your position officially.



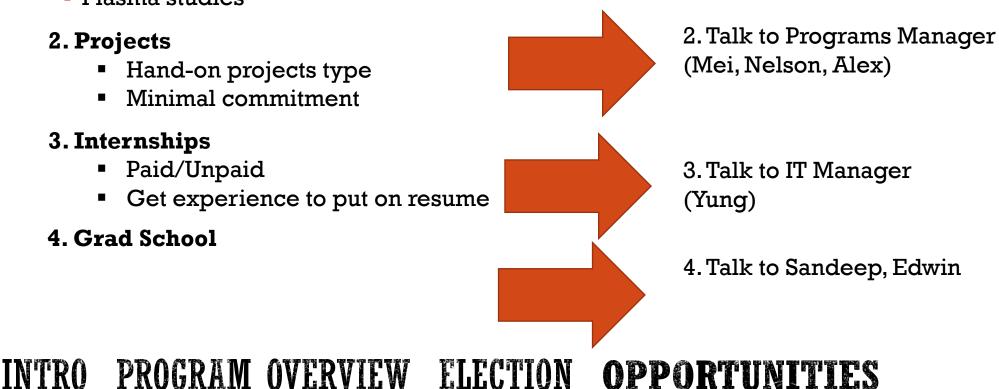


# HOW TO GET STARTED?

#### **1. Research Work/Topics**

- Building Modeling Research
- Real-time Data Application in Building Energy
- Urban Efficiency Lab
- Plasma studies

# 1. Talk to seniors AEE members (Sandeep, Michelle, Wendy)





# **OPPORTUNITIES**

- Get them via:
  - Our newsletter via email
  - Facebook Group
  - Opportunity Portal

#### **OPPORTUNITIES**

**1. Engineering Analysis Intern at Focal Point Energy Inc.** (part of CleanTech) - Unpaid Link: <u>https://www.linkedin.com/jobs2/view/10872612?trk=vsrp\_jobs\_res\_name&trkInfo=VSRPsearchId%</u> 3A565738051397441515531%2CVSRPtargetId%3A10872612%2CVSRPcmpt%3Aprimary

#### 2. Energy Engineering Intern - EnerNOC Link: <u>https://www.linkedin.com/jobs2/view/10489762?trk=vsrp\_jobs\_res\_name&trkInfo=VSRPsearchId%</u> 3A565738051397441642675%2CVSRPtargetId%3A10489762%2CVSRPcmpt%3Aprimary

#### 3. Energy Efficiency Intern - ICF International Link: https://icfi.taleo.net/careersection/icf\_prof\_ext/jobdetail.ftl?job=203120&src=JB-10080

**4. Energy Planning Intern - SANDAG** Link: <u>http://www.sandag.org/index.asp?jobid=364&fuseaction=jobs.detail</u> Apply by <u>4/24/14</u>. They said they will begin reviewing resumes by then. Attached Posting.

**5. Engineering Intern - Johnson Controls** (for non graduating seniors) Link: <u>https://johnsoncontrols.taleo.net/careersection/10000/jobdetail.ftl?lang=en&job=1291810&src=JB-15980</u>

For more, view AEE facebook group.





Wednesday, 3PM

Study Room 1 or 2 (varies) in S&E Library, Geisel



Greet two other AEE members you haven't met!

