ASHRAE Resources for: Students
Slide Rule Lesson
Everyone has a ‘Slide Rule’
ASHRAE Membership Provides...

✓ Support through chapters or student branches
✓ Professional development opportunities
✓ Networking opportunities with established industry leaders
✓ Access to new technology, publications and educational courses
Membership

- Student Member
  - Must have an interest in ASHRAE
  - Must be taking college/university courses
Scholarships

- Some 25 scholarships available
  - Undergrad engineering students
  - Specific universities or ASHRAE regions/chapters
  - Engineering technology
  - High school seniors entering college
  - Freshmen engineering
- Awarded more than $1.5 million to over 300 students over nearly 27 years

www.ashrae.org/scholarships
Senior Undergraduate Project Grants

Grants to engineering, technical and architectural schools worldwide

– Potential $5,000 maximum award per team
Graduate Grant-in-Aid Grants

Encourages students to continue their education

- Grants total $10,000 per recipient
- Awarded to full-time graduate students of ASHRAE-related technologies
- Option to earn $1,500 honorarium for paper authored and presented
Homer Addams Award

Honors a graduate student who has been engaged in an ASHRAE research project

- $5,000 award and certificate
- Required to have published paper in ASHRAE Transactions or Science and Technology for the Built Environment
Student Competitions

- Student Design competition: apply real-world design practices, work on teams, model buildings, etc.
  - HVAC Design Calculations
  - HVAC System Selection
  - Integrated Sustainable Building Design
- Applied Engineering Challenge: promotes technology that can be applied throughout the globe in applications that are simple, affordable and easy to use

www.ashrae.org/studentdesign
New Faces of Engineering: College Edition

- Recognition program from National Engineers Week highlighting up-and-coming engineering students
  - Juniors, seniors or fifth year students are eligible
  - Nominees must be working toward a degree in engineering from an ABET accredited (EAC) School
- ASHRAE’s top nominee receives a $1,000 scholarship

www.ashrae.org/nfcollege
Establish a Student Branch

- Identify a student branch advisor
- Obtain 10 student petitioners (must be student members)
- Identify branch officers
- Complete student branch request form
- Once approved, constitution and bylaws will be issued

www.ashrae.org/studentbranches
1894 ASHRAE founded

- Year: 1894
- Total membership: 56,000
- Student members: 5,500+
- Regions: 14
- Countries: 131
- Chapters: 181
- Sections: 41
- Student branches: 236
- Staff: 123+

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Student members: 5,500+
SmartStart Program

Allows student members to transition into associate membership at reduced membership fee

– First year out of college, annual membership is only $20
– Only $72 for second year and $102 for third year

www.ashrae.org/smartstart
Young Engineers in ASHRAE (YEA)

• Networking group within ASHRAE
  – Up to 35 years of age
• Special technical events
  – Leadership U
  – Leadership U – 2.0
• Dedicated social events
• Ability to build a network
Why I joined ASHRAE
ASHRAE Learning Institute

- Over 200 quality, peer-reviewed courses
- Courses developed and taught by ASHRAE members who are practicing professionals
- Regularly updated content to ensure up-to-date information

www.ashrae.org/ali
New Initiatives

• HVAC Essentials Course – I & II
• Consulting Engineering Essentials Course
• Leadership Academy
• Internship program
ASHRAE Membership

• ASHRAE membership starts you on a path of continuous improvement and helps you build lifelong networks