ISE Ambassadors 2018-2019

ISEambassadors@vt.edu

About ISE Ambassadors

WHAT WE DO

We are a student group that volunteers our time to support the ISE department and staff however we can. We believe in *Ut Prosim* and work to serve our department.
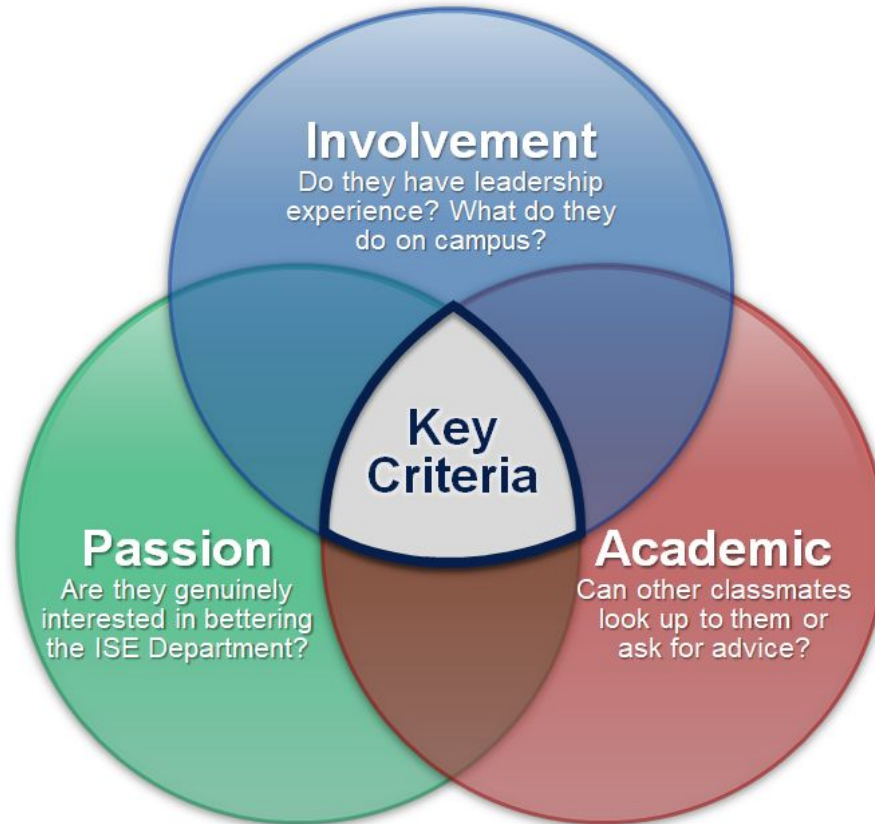
OUR HISTORY

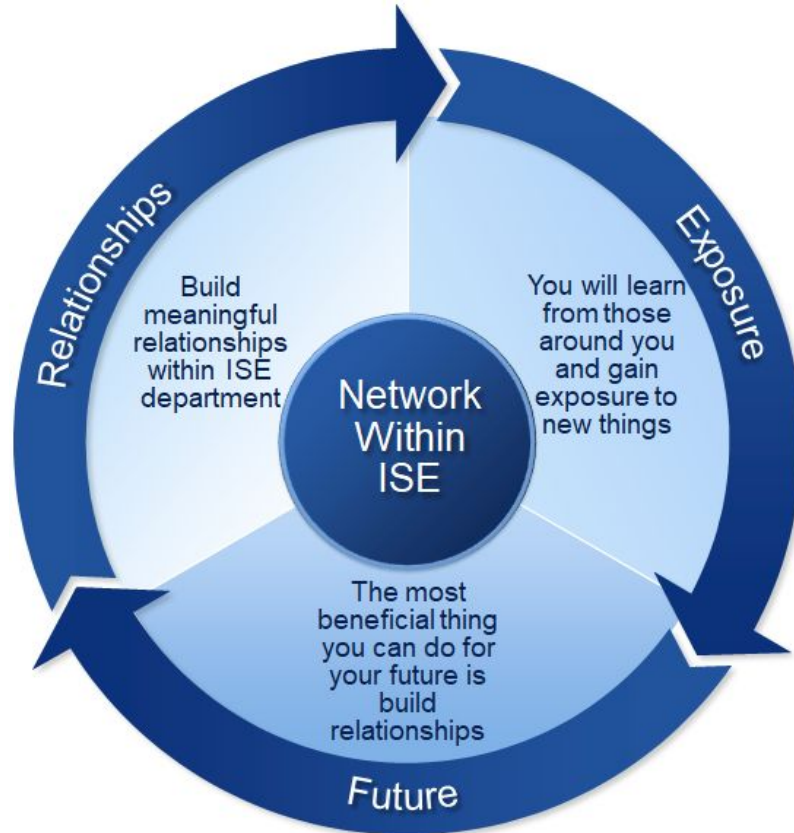We were established in 2007 and have grown from 15 to 26 students!

WHO WE ARE

We are some of the best ISE students. The program is highly competitive. We have: **15 graduating seniors, 12 juniors, 13 students** who have been in the program for longer than 1 year

ISE Ambassador Key Criteria

Create a Strong Network

Organizational Structure

1
Advisor

2
Co - Coordinators

6
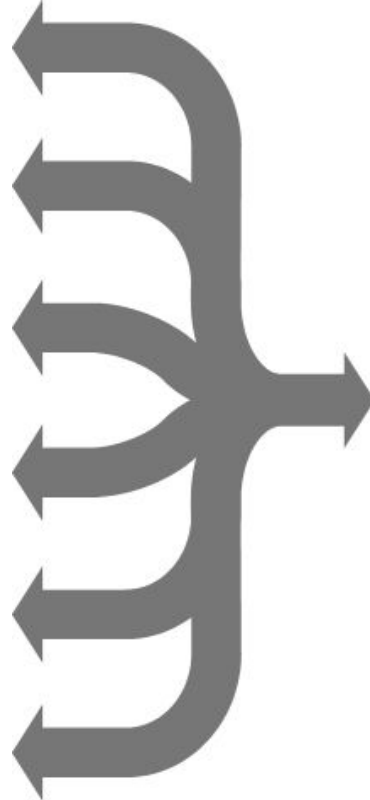Committee Heads

26
Total Members

Committees

Recruitment

Advisory Board & Alumni Relations

Community Involvement

Event Planning

Curriculum

Documentation & Marketing

**ISE
Ambassadors**

Co-Coordinators

Support Committee Heads

Help committee heads set & reach goals. Provide support in any way needed.

Organize Meetings

30

Organize bi-weekly ambassador meetings.

Recruitment

Support new ambassador recruitment and selection of committee heads.
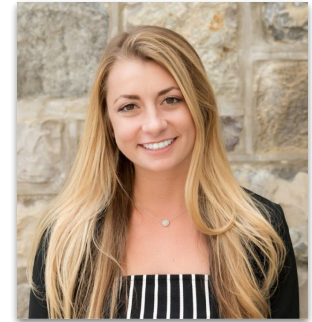
Recruitment

- Speak with students about opportunities at Virginia Tech and in ISE
- Organize group's attendance at events that increase visibility of the department, including:
  - On-campus recruitment events
  - High school recruitment events

On-Campus Recruitment Events

Ambassadors have spoken with over **300 students** during on-campus events in 2018-2019.

Events include:

- Freshman Information Session *(College of Engineering)*
- Majors Fair *(all undergraduates)*
- CEED Opportunities Show *(College of Engineering)*

Upcoming events:

- Admissions Open Houses *(prospective undergraduates)*
- SEC Major Mixer *(College of Engineering)*
- And many more!

High School Recruitment Events

- Reached approximately **500** high school students during 2017-2018 academic year

- 2018-2019 goal is to reach **750** students

What We Do

Speak to high school students about opportunities in ISE.

Purpose

Increase interest in ISE at a young age!

How We Do It

Ambassadors visit New River Valley schools during the semester and visit schools in their home communities during Thanksgiving & winter breaks.

Advisory Board & Alumni Relations (ABAR)

- Support department events with ISE Advisory Board
  - Organize and moderate the Advisory Board Q&A Panel
- Act as undergraduate student representative for biannual Advisory Board meetings
- Support outreach and relationship-building with alumni
  - Alumni map
- Publish student/faculty spotlights to highlight exciting work that happens in the department

Alumni Map

What: Interactive map that will allow users to locate Virginia Tech's Industrial and Systems Engineering alumni around the world.

Who It Benefits:

- <u>Current Students</u>: Search for jobs and connect with alumni based on geographical preferences
- <u>New Student Recruitment</u>: Show off our alumni and the amazing places they work
- <u>Alumni</u>: Provide access to other Hokies in their local area or if they relocate

Community Involvement

- Organize service activities that benefit Virginia Tech and local communities

- Projects generally have a link to ISE field or have ISE applications

- Multiple projects per year, each with a Project Manager who is a member of the committee

Current Outreach Projects

VT Waste x Lean

- Experimental, human factors-centered process improvement
- Use color-coding to facilitate waste sorting and help meet sustainability goals
- Learn "Lean Startup" project management techniques

Ambassadors x Deet's Place

- Improve queue efficiency and reduce process waste
- Prepare for VT's plan to renovate Dietrich Hall and create the "Spirit Lawn"
- Work with Deet's management staff and employees to design a new facility layout

Outreach activities at New River Valley elementary schools

- Lead hands-on activities for groups of 20 students

Event Planning

- Organize department's Relay for Life team and related fundraising events
  - Act as team captain
- Organize Ambassador social/bonding events
- Support other department events
  - International Night
  - Halloween celebration
  - Holiday celebration
  - End-of-year celebration

Relay For Life

What: Raise money for *Dr. Torgerson's ISE Relay for Life Team*

- Solicit donations for game day parking spots at Dr. Van Aken's house during VT football season

- Sell custom shirts for event

Total Relay for Life fundraising in 2017-2018 was approximately $2,900!

- Parking donations: ~$1,500

- Shirts: ~$500

- Individual donations: ~$900

8th Annual International Night

What: Students and faculty presented on their international heritage and/or study abroad experiences.

This year we had four presentations:

- **Dr. Xiaowei Yue** *(faculty)* presented on his hometown in China
- **Nayara** *(graduate student)* presented on her home country of Brazil
- **Ricardo** *(undergraduate student)* presented on his home country of Venezuela
- **Chris & Carolyn** *(undergraduate students)* presented on their 2018 service learning trip to Tanzania with Service Without Borders (an experience supported in part by the ISE department)
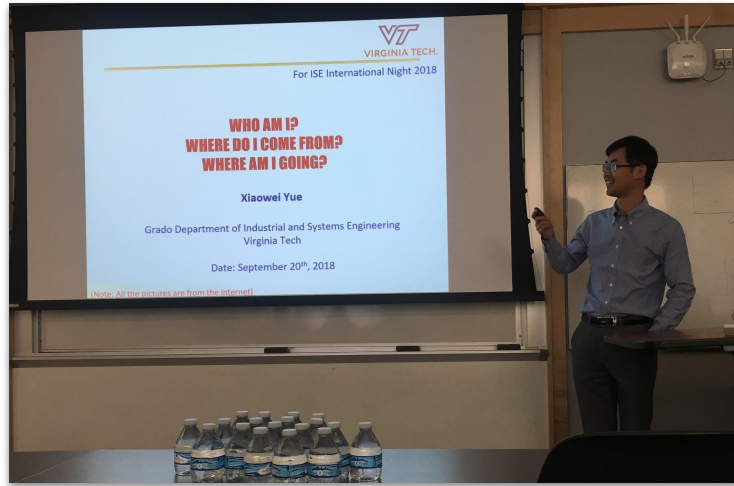
Curriculum

- Act as undergraduate student representative on Undergraduate Program Committee (UPC)

- Coordinate annual forums for students to voice opinions, concerns, and suggestions to improve current curriculum

- Organize review sessions before exams for challenging ISE courses

Focus Groups/Constructive Curriculum Review

What: Events held in fall and spring semesters to solicit feedback from undergraduate students regarding ISE curriculum. Ambassadors consolidate student feedback and forward to undergraduate program leadership.

Focus Groups

- Ambassadors act as moderator and recorder
- Between 5-10 undergraduate student participants

Constructive Curriculum Review

- Open to Sophomores/Juniors/Seniors
- Participate in guided discussions regarding applicable courses

Documentation and Marketing

- Create marketing materials to publicize Ambassador events
- Coordinate with Alumni and External Relations Manager to manage group's social media content
- Prepare Senior Reception presentation
- Manage documentation of Ambassador activities for archiving purposes
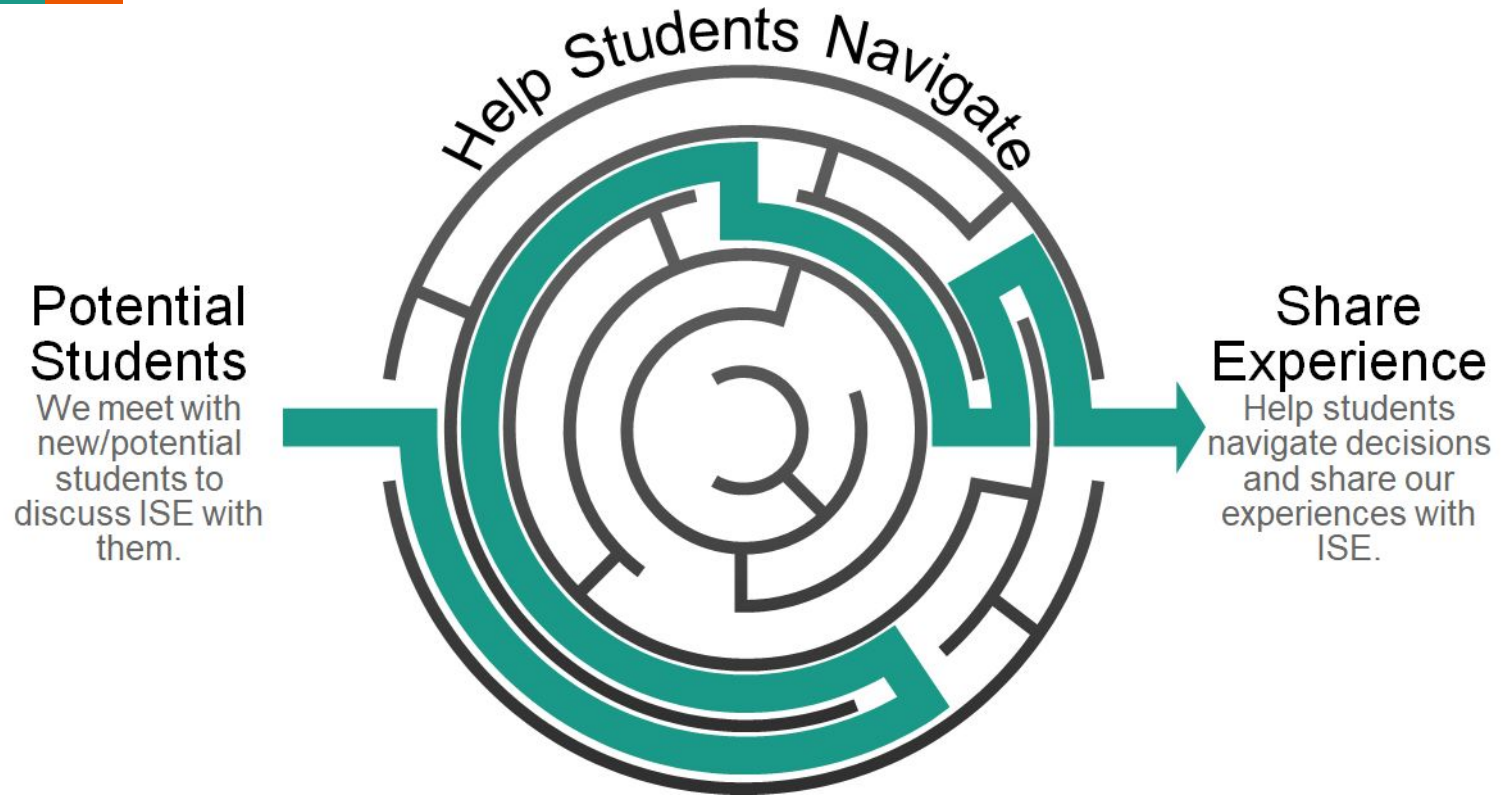
Group-Wide Initiatives

What: Ambassadors participate in activities across committees during the entire year. They also participate in activities that support the development of the program.
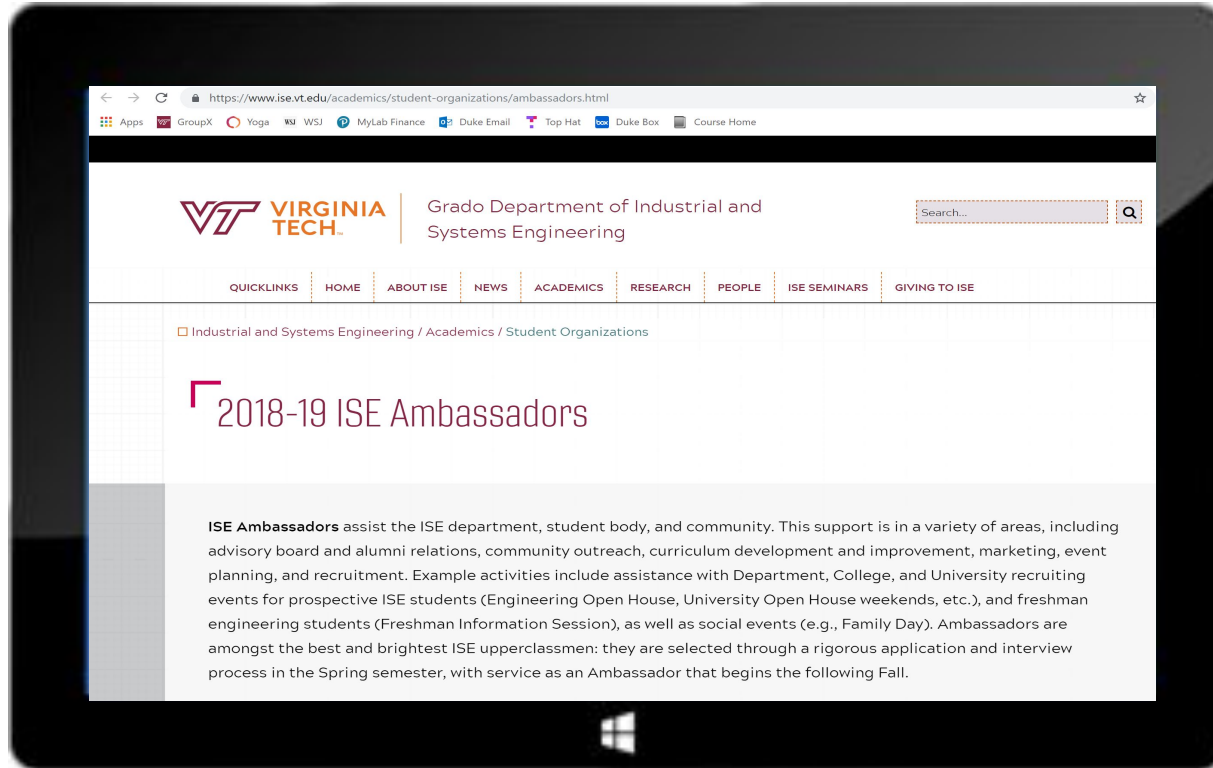
Two examples of our group-wide initiatives are:
- New Student Interest Meetings
- Website Upgrade

New Student Interest Meetings

Help Students Navigate

Potential Students
We meet with new/potential students to discuss ISE with them.

Share Experience
Help students navigate decisions and share our experiences with ISE.

2018 Website Upgrade

Thank You!

Do you have any questions?

Email:
ISEAmbassadors@vt.edu