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

**Involvement**
Do they have leadership experience? What do they do on campus?

**Passion**
Are they genuinely interested in bettering the ISE Department?

**Academic**
Can other classmates look up to them or ask for advice?
Create a Strong Network

- **Relationships**: Build meaningful relationships within ISE department.
- **Exposure**: You will learn from those around you and gain exposure to new things.
- **Future**: The most beneficial thing you can do for your future is build relationships.
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
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:

- **Current Students**: Search for jobs and connect with alumni based on geographical preferences
- **New Student Recruitment**: Show off our alumni and the amazing places they work
- **Alumni**: 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)
WHO AM I?
WHERE DO I COME FROM?
WHERE AM I GOING?

Xiawen Yue
Grad Department of Industrial and Systems Engineering
Virginia Tech
Date: September 20th, 2018
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

ISE Ambassadors assist the ISE department, student body, and community. This support is in a variety of areas, including advisory board and alumni relations, community outreach, curriculum development and improvement, marketing, event planning, and recruitment. Example activities include assistance with Department, College, and University recruiting events for prospective ISE students (Engineering Open House, University Open House weekends, etc.), and freshman engineering students (Freshman Information Session), as well as social events (e.g., Family Day). Ambassadors are amongst the best and brightest ISE upperclassmen: they are selected through a rigorous application and interview process in the Spring semester, with service as an Ambassador that begins the following Fall.
Thank You!

Do you have any questions?

Email: ISEAmbassadors@vt.edu