The Engineering Ambassador Program is a professional development organization with an outreach mission. Engineering Ambassadors engage the younger generations through middle school tours, off-campus visits to schools and organizations, and on-campus events to engage others in the excitement of engineering. Ambassadors learn to effectively communicate technical information to a wide variety of audiences, providing valuable skills in the professional field.

Engineering Ambassador positions have been graciously funded by our partners below. Funders for the 2022-2023 academic year are still being finalized. We hope that all the options below will renew their support for the program.

**Ensign Bickford Industries (EBI) Positions:**

Ensign-Bickford Aerospace & Defense Company:

- Selection of 1 WPI student – Junior standing
- Students from the following major will have preference: Electrical Engineering
- Other majors considered: Mechanical Engineering, Aerospace Engineering
- Minimum Qualifications: Prior design or manufacturing experience, leadership experience
- Preferred: Previous internship experience
- The selection criteria will be:
  - A GPA of 3.3 or higher
  - US Persons Required (US Citizen OR Permanent Resident/Green Card Holder)
  - A successful interview with the WPI Ambassador Program management team
- Student in this Ambassador Program may be offered an internship position with Ensign Bickford Industries, Ensign-Bickford Aerospace & Defense (“EBAD”) in Summer 2023 (Mid-May through Mid-August 2023). If selected, the Ambassador is committed to an internship in Simsbury, CT. Once confirmed, the work schedule, location and internship pay will be handled by EBAD directly with the student.
- Student will receive training in presentation skills, leadership, public speaking, and classroom management.
- Student will meet once a week in addition to training sessions to prepare for K-12 presentations.
- Student will present to groups of middle and high school students in a variety of formats
- Student will receive a total stipend of $1500 per academic year ($375 per term) for participation in the Ambassador Program.

**Honeybee Robotics:**

- Selection of 1 WPI student – Junior standing
- Students from the following major will have preference: Mechanical Engineering
• Other majors considered: Electrical Engineering, Aerospace Engineering, Software Engineering, Robotics
• Minimum Qualifications: Prior design work, strong problem-solving skills
• Preferred: Previous internship experience
• The selection criteria will be:
  o A GPA of 3.3 or higher
  o US Persons Required (US Citizen OR Permanent Resident/Green Card Holder)
  o A successful interview with the WPI Ambassador Program management team
• Student in this Ambassador Program may be offered an internship position with Ensign Bickford Industries, Honeybee Robotics (“Honeybee”) in Summer 2023 (Mid-May through Mid-August 2023). If selected, the Ambassador is committed to an internship in either Altadena, CA, or Longmont, CO. Once confirmed, the work schedule, location and internship pay will be handled by Honeybee directly with the student
• Student will receive training in presentation skills, leadership, public speaking, and classroom management
• Student will meet once a week in addition to training sessions to prepare for K-12 presentations
• Student will present to groups of middle and high school students in a variety of formats
• Student will receive a total stipend of $1500 per academic year ($375 per term) for participation in the Ambassador Program

EnviroLogix:

• Selection of 1 WPI student – Junior standing
• Students from the following major will have preference: Biomedical Engineering
• Other majors considered: Chemical Engineering, Biochemistry, Biology, Bio Technology, Chemistry
• Minimum Qualifications: Must have taken Organic Chemistry OR Thermo Dynamics
• The selection criteria will be:
  o A GPA of 3.3 or higher
  o US Persons Required (US Citizen OR Permanent Resident/Green Card Holder)
  o A successful interview with the WPI Ambassador Program management team
• Student in this Ambassador Program may be offered an internship position with Ensign Bickford Industries, EnviroLogix in Summer 2023 (Mid-May through Mid-August 2023). If selected, the Ambassador is committed to an internship in Portland, ME. Once confirmed, the work schedule, location and internship pay will be handled by EnviroLogix directly with the student
• Student will receive training in presentation skills, leadership, public speaking, and classroom management
• Student will meet once a week in addition to training sessions to prepare for K-12 presentations
• Student will present to groups of middle and high school students in a variety of formats
• Student will receive a total stipend of $1500 per academic year ($375 per term) for participation in the Ambassador Program

AFB International:

• Selection of 1 WPI student – Junior standing
• Program participation to begin with student selection phase in February 2020. Program to run AY 2022-2023
• Students from the following major will have preference: Mechanical Engineering
• Other considerable majors: Chemical Engineering
• The selection criteria will be:
  o A GPA of 3.3 or higher
  o US Persons Required (US Citizen or Permanent Resident/Green Card Holder)
  o A successful interview with the WPI Ambassador Program management team
• Student in this Ambassador Program may be offered an internship position with Ensign Bickford Industries, AFB International in Summer 2023 (Mid-May thru Mid-August 2023). If selected, the Ambassador is committed to an internship in Aurora, MO or St. Charles, MO. Once confirmed, the work schedule, location and internship pay will be handled by AFB directly with the student.
• Student will receive training in presentation skills, leadership, public speaking, and classroom management.
• Student will meet once a week in addition to training sessions to prepare for K-12 presentations.
• Student will present to groups of middle and high school students in a variety of formats
• Student will receive a total stipend of $1500 per academic year ($375 per term) for participation in the Ambassador Program.

Hanover Insurance:

• Selection of 2-3 WPI students who will be in their Sophomore or Junior years in AY 2022-2023.
• Students from the following majors will have preference:
  o Actuarial Mathematics
  o Business/Management
  o Computer Science
  o Liberal Arts & Engineering
  o Management Engineering
  o Professional Writing
• Mathematical Science
  • Society, Technology & Policy

• The selection criteria will be:
  o A GPA of 3.0 or higher
  o A successful interview with the WPI Ambassador Program management team & Hanover Insurance employees

• Student will receive training in presentation skills, leadership, public speaking, and classroom management.
• Student will meet once a week in addition to training sessions to prepare for K-12 presentations.
• Student will present to groups of middle and high school students in a variety of formats
• Students in this Ambassador Program may be offered an internship position with The Hanover Group in Summer 2023 (Mid-May – Mid-August, 2023). Once confirmed, the work schedule, location and internship pay will be handled by The Hanover Group.
• Students will receive a total stipend of $1500 per academic year ($375 per term) for participation in the Ambassador Program.

Raytheon Technologies (RTX):

• Students who will be in their sophomore or junior year in AY 22-23.
• The following majors will have preference: Mechanical Engineering, Aerospace Engineering, and Electrical and Computer Engineering.
• In good academic standing. GPA of 3.0 or higher.
• US Citizenship or permanent resident required.
• Student will receive training in presentation skills, leadership, public speaking, and classroom management.
• Student will meet once a week in addition to training sessions to prepare for K-12 presentations.
• Student will present to groups of middle and high school students in a variety of formats
• Available for potential summer 2023 internship with RTX. Students in this Ambassador Program may be offered an internship position with RTX in the Summer of 2023 (Mid May-Mid August, 2023). Once confirmed, the work schedule, location and internship pay will be handled by RTX.
• Students will receive a total stipend of $1500 per academic year ($375 per term) for participation in the Ambassador Program.
WPI Sponsored:

- Students who will be in their sophomore or junior year in AY 22-23.
- All majors will be considered.
- GPA of 3.0 or higher.
- There is no internship component for this sponsor.
- International students encouraged to apply.
- Student will receive training in presentation skills, leadership, public speaking, and classroom management.
- Student will meet once a week in addition to training sessions to prepare for K-12 presentations.
- Student will present to groups of middle and high school students in a variety of formats.
- Students will receive a total stipend of $1500 per academic year ($375 per term) for participation in the Ambassador Program.