

# Purdue Society of Women Engineers

## Board Positions

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### Structure:

Purdue SWE is organized into four main pillars: Professional, Technical, Outreach, Communications. Each pillar is managed by 1 officer and 1 director. Each pillar also contains four to five chair positions. This document runs through each position including officers, directors, and chairs. These descriptions include an overall of each position along with approximate time commitment.

Professional	Technical	Outreach	Social	
<b>Officer</b>	<b>Officer</b>	<b>Officer</b>	<b>Officer</b>	<b>Officer</b>
<b>Director (1)</b>	<b>Director (1)</b>	<b>Director (1)</b>	<b>Director (1)</b>	<b>Director (1)</b>
Professional Committee/ Mentorship (2)	Team Tech (2)	Outreach Committee (2)	Social Media (1)	
Day with Industry (1)	Grand Prix (2)	SWEekend (2)	General Meeting (2)	
Evening with Engineers (1)	Design Team (1)	Girl Scout Day (1)	Athletics (1)	
Market Yourself (1)				

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### Officers

Officers are responsible for coordinating the board. After elections, they begin by electing directors. Additional responsibilities of an officer include organizing the trip to national and regional SWE conferences, board shirts, bagel breaks, organizing callouts, and much more. A description of each officer position is below. The time commitment for an officer position varies throughout the semester, but is much higher than a chair and

**director. All officers have 4 required hours of meetings: officer/advisor meeting, officer meeting, executive board meetings, and office hours.**

## **President**

The President is responsible for overseeing the entire Purdue SWE organization and needs to be aware of National SWE initiatives. Responsibilities include: facilitating communication among the executive board and submitting semester and annual reports to National and Regional SWE (to keep Purdue SWE in good standing). Excellent and professional writing skills are needed to prepare funding proposals to support the annual budget and to write award nominations (submitted to Purdue and to National SWE) for the section's activities and outstanding members of the Section. The President also plans and hosts bi-annual meetings with the Industrial Advisory Board (IAB), keeps the advisor up to date on the overall health of the section, and sends monthly updates to the IAB. The President will represent SWE during the PEPC (Purdue Engineering Presidents' Council) meetings which happen once a week but are optional to attend. Additional time is needed for meeting preparation, as the President is responsible for running the officer/advisor meetings, officer meetings, and officer/director meetings. The President is responsible for leading the development of connections with other minority organizations as well as pushing to create bonds with other collegiate SWE sections. The President is responsible for staying in contact with the rest of the board through bi-weekly emails to ODC. As a team the President and rest of the officer team will host a banquet at the end of spring semester as a thank you to the entire organization.

## **VP External**

The VP External is responsible for developing and sustaining relationships between companies and PSWE. The role calls for growing existing relations, identifying struggling relations (and maintaining records of which companies to return to again), and fostering new company relations. VP External should expect to be in direct contact with company contacts regularly, helping to facilitate discussion between contacts and pillars. This requires consistent communication skills and initiative in pursuing company relations. VP External will also be in charge of managing the PSWE inbox, directing emails towards the Director of Operations, pillar Directors, or President as needed. Adjacent responsibilities include alumni communication and updates and some involvement in growing the LinkedIn page.

## **VP Internal**

The Internal Vice President is responsible for all internal communications within the SWE section through writing/sending weekly emails to all general members and maintaining the website and social media pages. Along with sending emails to the general list, they are responsible for updating the recipient list. The VP Internal is responsible for planning and directing the office/director/chair (ODC) meetings, sparking growth for the Board, and building unity within the board. The VP Internal is also responsible for planning and executing the fall and spring retreats for the ODC Board. Time commitment is 6-10 hours per week. More time is

required outside the meetings for email and meeting preparation. Enthusiasm is a must because the VP Internal sets the tone for the internal workings of the organization.

## VP Finance

The Treasurer is responsible for managing the PSWE funds and preparing a budget for section programs. Responsibilities include reimbursing members for PSWE-related spending, depositing funds the section has collected, preparing invoices, collecting outstanding payments, being knowledgeable about the university's financial procedures, and interfacing with the Business Office for Student Organizations. The Treasurer must maintain a binder with the organization's financial records throughout the year. The Treasurer is also responsible for planning the regional conference trip (early spring semester), ordering merchandise, organizing merchandise sales, managing inventory, and overseeing the Technical Directorship. Time is required outside of meetings to communicate with Directors, assist other Officers, fill out reimbursement and deposit forms, and maintain the budget.

## VP of Membership

The VP of Membership is responsible for keeping the minutes and attendance at all meetings, organizing and supplying the office, and taking care of other office and meeting related issues. Tasks also include matching the Executive Board with office hours and SWEetmates, coordinating weekly bagel breaks, ordering name tags and polos, tracking executive board attendance at mandatory events, and tracking contents of the storage locker. In addition, the Secretary plans the trip to the national conference towards the end of the fall semester and oversees the Social Directorship. The Secretary is also responsible for ordering the board plaque and name plates for the annual award winners. Time is also required outside of meetings to communicate with Directors and assist other Officers.

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## Directors

**Directors for each pillar are responsible for keeping their chairs accountable for following board rules along with helping them organize and run their events. Additional responsibilities would include fostering a social environment on the board and at events.**

### Professional Director - 1 director (5 hours/week)

The Professional Director manages services and programs for SWE members seeking professional skills and opportunities. The directors should be flexible in planning events, in case chairs need assistance or are overwhelmed with tasks. The directors need to be comfortable communicating with companies and be able to keep the VP External updated about things within the directorship on a weekly basis. The Professional Director oversees 5 chairs: Professional Committee/Mentorship (2), Day with Industry (1), Evening with Engineers (1), and Market Yourself (1). These directors are dedicated to providing members the opportunity to form valuable professional connections through the activities they oversee in the directorship. The director must be ready to support chairs with event planning and leadership development. This

includes supporting the Professional Committee with a defined theme and goal set in-mind and assisting in driving the mentorship program. This position also requires collaboration with other engineering organizations to plan events. The director should feel comfortable speaking to large groups of people and must be an avid networker on behalf of SWE to motivate general members.

### **Outreach Director - 1 director (5 hours/week)**

The Outreach Directorship focuses on encouraging and reaching out to younger females to inform them of the opportunities in engineering and to encourage them to pursue engineering as a career. The Outreach directors work closely with the Internal Vice President and are primarily focused on overseeing the duties and responsibilities of the outreach chairs (SWEekend, Girl Scout Day, and Outreach Committee), including helping them plan their event and giving them information and advice about how it should be accomplished. It's expected that the directors will be open and willing to plan PSWE's collaboration with other outreach events on campus.

### **Technical Director - 1 director (5 hours/week)**

The Technical Director is in charge of overseeing the duties and responsibilities of four chairs: Grand Prix (2) and Team Tech (2). Grand Prix is an annual kart race that takes place in April. Team Tech is a design competition between SWE sections that presents at the national SWE conference every year in the fall and the group works on the project during the spring semester. The director's goal is to motivate general PSWE members to join teams for social and technical purposes. This director works with the Treasurer to ensure the success of all PSWE teams and spread hands-on technical skills to PSWE members. The director plans Tech Talks and coordinates with companies to present. The director is expected to attend Team Tech and Grand Prix meetings when possible. The director also plans independent technical events for the Organization.

### **Social Director - 1 director (4 hours/week)**

The Social Director is in charge of presenting SWE to the Purdue campus and community. The director should have an understanding of how to recruit members to get involved, what active members enjoy and expect to get from their experiences in SWE, and knowledge of the range and variety of PSWE's programs and activities. The director will plan a cookout each semester and works closely with the VP of Membership and also oversees seven chairs (GM, Athletics, Social Media). The director encourages/establishes new forms of publicity that involve planning, creating, and implementing successful marketing strategies to maintain a favorable image of PSWE. The director encourages the chairs and helps them to accomplish their goals and meet deadlines. This can include finding external sources for information, and finding ways to share the events of PSWE with the public. The director monitors how the directorship is moving towards its long-term goals and that the directorship continues to grow

and develop. Main tasks for this position include preparing and mailing informative membership packets for first year students over the summer.

## **Operations Director - 1 director (4 hours/week)**

The operations director is responsible for being the glue for the organization creating bonds and unity across the four pillars. The director must maintain good communication with the other directors and establish connection between directors and chairs through bi-semester bonding meetings. The operations director will be responsible for coordinating 2 chair bonding events and 2 director bonding events in each of the semesters. Additionally the director will have the responsibility of conducting an evaluation at the end of each semester on the cross-pillar attendance of the entire board and encourage members to increase their involvement if it does not meet standards. The director will head the management of the [swe@purdue.edu](mailto:swe@purdue.edu) inbox, ensuring emails are distributed to the correct parties, and keeping note of companies that want to collaborate in order to correspond with directors to create more multi-pillar events. The director plans the leadership callouts for the spring semester.

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## **Chairs**

**Chairs are responsible for organizing their own events. This includes reading transition documents, asking directors and officers questions, and using SWE's resources. Innovation of current chair positions or the development of new chair positions are highly encouraged.**

**The chair positions will be broken up by each pillar: Professional, Technical, Outreach, and Communication.**

## **Professional**

### **Professional Committee/Mentorship Chairs - 2 chairs (3 hours/week)**

The Professional Committee Co-Chairs will oversee the professional committee. This consists of planning a committee callout in September, holding 2-4 committee meetings each month, and planning 2-3 mid/large scale professional-skill building events each semester. These could potentially include company tours. The committee members will consist of general members of PSWE and the co-chairs will work alongside general members in planning these events. Some examples of professional committee events are: resume workshops, interview practices, research panels, industry panels, etc. The Co-Chairs will also be responsible for continuing professional mentorship with the PSWE Pairs and the Undergrad-grad student programs.

## **Day with Industry with Minority Engineering Organizations - 1 chair (3 hours/week)**

The Day with Industry Chair will primarily be a summer and fall position. This chair is single-handedly responsible for organizing a **career fair** prior to the Industrial Roundtable. This role will be in partnership with the other Purdue minority organizations (NSBE, SHPE, SASE, MAES) to host a career fair of approximately 30 companies. Responsibilities include planning the event logistics, coordinating registration (both company and student), and working closely with other diversity organizations and Campus Relations to advertise the event. Students who attend get to interact with company representatives prior to IR, which gives them a leg up for the career fair, and companies enjoy getting to know the students on a more personal basis. Good organizational skills are needed in order to keep to a well-planned agenda. This chair should not be afraid of taking charge and speaking in front of a large crowd and will be working closely with the Professional Director and VP External. The chair must also be willing to spend time during the summer planning the event and reaching out to company representatives

## **Evening with Engineers - 1 chair (3 hours/week)**

The Evening with Engineers Chair is responsible for organizing an **informal networking reception/dinner** before EXPO. Because of this, the position focuses during the Fall and early Spring semesters (EXPO takes place in early Feb). This event allows companies and students to interact before the larger career fair and coordinates mock interviews between students and representatives. Students are encouraged to bring resumes, as some companies will also use this event as a recruitment event. The chair will need to be very self-driven and goal-oriented. They must be able to communicate with company representatives in a clear and professional manner. In addition, they must work well in teams as they will need to collaborate with diversity engineering organization representatives.

## **Networking Night - 1 chair (3 hours/week)**

The Market Yourself chair will primarily be a spring position with initial event planning beginning in fall. Market Yourself is a **professional development seminar** event traditionally hosted by 4-5 different companies held in late fall to prepare students for their professional endeavors. The event prepares students by offering instruction on how to be a desirable employee, both for students beginning internships and those looking to start a full-time engineering position. An event like Market Yourself offers SWE members a unique opportunity to network with industry professionals. The Market Yourself Chair should be organized and well-spoken, as she or he will be the liaison between SWE and company representatives.

## **Outreach**

### **Outreach Committee - 2 chairs (5 hours/week)**

The Outreach Committee Chair will organize the outreach committee. This consists of planning a committee callout in September, holding two committee meetings each month, and

working with the other outreach chairs and outreach directors to plan activities, prep supplies, or publicize with the committee for their events. They will also be responsible for participating in SWENext by working with local elementary, middle, and high schools in starting SWENext Chapters in the Lafayette area. This is an effort to expose the next generation of young females to engineering. On top of starting those local school chapters, the chair will plan an on-campus event that focuses on an engineering project for the younger students in SWENext to participate in. Due to the pandemic, collaborating with SWENext chapters/local schools may not be possible if restrictions are in place. If that's the case, the Outreach Committee chairs will focus on other responsibilities, excluding SWENext.

### **SWEekend - 2 chairs (6 hours/week)**

The SWEekend co-chairs organize two events for high school female seniors to visit Purdue and experience a day of college life while engaging in a mentoring relationship with a current female engineering student at Purdue. There are two versions of the event for seniors to participate in: an overnight and day-only version. Through interactive and educational activities, the high school seniors have the opportunity to go to class with a student, stay the night in the residence halls (overnight version only), as well as participate in evening activities planned by the co-chairs. The high school seniors and their parents can also attend brunch on Saturday morning headlined by a keynote speaker. SWEekend usually takes place on a Friday and Saturday during mid November and mid April. Planning for this event includes sending out applications to high school seniors and volunteers, organizing meetings with volunteers/hostesses, communicating with sponsors, planning Saturday's brunch, organizing information sessions for parents during the day, and creating Friday evening activities for the students.

### **Girl Scout Day - 1 chair (3 hours/week)**

The Girl Scout Day (GSD) Chair organizes a one day program held each semester, in which the Girl Scouts from the regional area participate in various activities. Activities range from making slime and building structures with Popsicle sticks. Planning for this event includes contacting Regional Girl Scout Events Coordinator, working with company sponsors, planning the activities, and organizing a large number of volunteers. The Girl Scouts also earn a SWE badge by participating in the event. The chair must be prepared to work with SWE sections around Indiana to organize a statewide event.

## **Technical**

### **Team Tech - 2 Chairs (4 hours/week)**

The Team Tech competition is organized through National SWE and sponsored by Boeing. It involves working with a company on a design project that provides hands-on

engineering experience for our team, is applicable to multiple engineering disciplines and experience levels, and provides a positive return for the company. The Team Tech co-chairs will need to put together a team, maintain communication with our company sponsor on project progress, plan meetings for working on the project, and keep the team on schedule to meet competition submission deadlines (proposals and reports). They will also form a leadership board within the team for roles such as chief engineer and prototyping lead. The project generally starts at the end of fall semester and will be presented at SWE conference the following October/November.

### **Grand Prix - 2 Chairs (8 hours/week)**

The Grand Prix Co-Chairs oversee maintenance of the PSWE racing karts and participate in the Grand Prix race in the late spring. The chair will work closely with the crew chief and driver, and together they will select the pit crew members. This team consists of a driver, crew chief, track worker, and four crew members for each of the two teams. The chairs must plan build meetings, oversee the Grand Prix budget, and maintain contact with PSWE's kart sponsors (Corning Inc. and Wabash National), the crew chief, the driver, and parts suppliers. The chairs will also design and order t-shirts for the race.

### **Design Team - 1 Chair (8 hours/week)**

The Design team chair will oversee the new design team focused on providing technical opportunities for more disciplines within engineering. As the first chair in this position the design team chair will have the responsibility of working with the director to select a project which will have the greatest opportunity for members. Additionally, the chair will lead design meetings, be in charge of communication with team members as well professional communication with the selected partner. The design project will have the intent to start in the fall and run the length of the school year providing opportunity for technical growth early on. The chair can also determine at the completion of the project if the project should be presented at a conference of their finding or other outside competition.

## **Social**

### **General Meeting - 2 Chairs (4 hours/week)**

General Member Meetings are general meetings for any SWE members and non-members. Company sponsors give a presentation that relates to engineering and is designed to apply to all years and majors. For meetings with no company sponsor, the chairs plan an activity for people to participate in and connect with each other. General meetings are a great way to meet other SWE members, whether you are on the exec board or a general member. Since General Meetings are open to any student on campus, these provide students with information about and why PSWE is a great organization to become a member of. The benefit to company sponsors is that they get recognized on all advertisements for the members and have an opportunity to present at the meeting as well. This provides the opportunity for

general SWE members to be familiar with the companies that sponsor PSWE. The General Member Meeting chair may also assist with setting up corporate relation events as interest arises.

### **Athletics - 1 Chair (3 hours/week)**

The Athletics Chair is responsible for organizing intramurals for PSWE board and general members. This chair also involves organizing, washing, and taking care of the intramural jerseys and/or tshirts. The Athletics Chair also involves planning any socials involving a form of exercise, such as rock climbing or yoga. The Athletics Chair can collaborate with the Social Chair for events similar to these.

### **Social Media - 1 Chair (4 hours/week)**

The Social Media chair is in charge of publicizing Purdue SWE events through social media, including Facebook, Instagram, and Twitter. This can include creating facebook, instagram, twitter, and snapchat posts about SWE events, snapchat filters, and other things similar. The chair will also be responsible for branding larger SWE events to allow for a uniform appearance in emails and posts from year to year. Thus, the chair must both be creative and organized. The chair will be responsible for maintaining the SWE Facebook, Instagram, Twitter and website, making sure to monitor any communications that come through these platforms.