



To Create Leaders, Let Students Lead Leveraging the QESST SLC

Jeffrey Cotter, Jenefer Husman, Tiffany Rowlands, John Mitchell
Arizona State University

QESST STUDENT LEADERSHIP COUNCIL

QESST Support of the SLC

QESST education team and industrial liaison works with the SLC to provide the resources they need and want:

Contributing to the development of a subset of the **skill sets** of the university education program, including

- **Team work, self-directed learners, and crossing the finish line** by providing them with their own budget, autonomy in the structure and function of the SLC, and supporting their decisions and direction.
- **Communication** – through the communications committee, presentation feedback, and perfect pitch competition supported by the SLC faculty advisor and industry liaison.
- **Research Leadership, Innovation, Knowledge of Industrial Practice** – through support of the industrial liaison, and support given the Industry and innovation committees.

Maintaining an intra-peer support network that enhances **research productivity** by

- Development of an Onboarding video to assist in orientation for new QESST students
- Fostering peer-peer learning of technical and general research skills
- Fostering collaboration and sharing expectations

Developing a sense of **embeddedness** within the broader QESST community

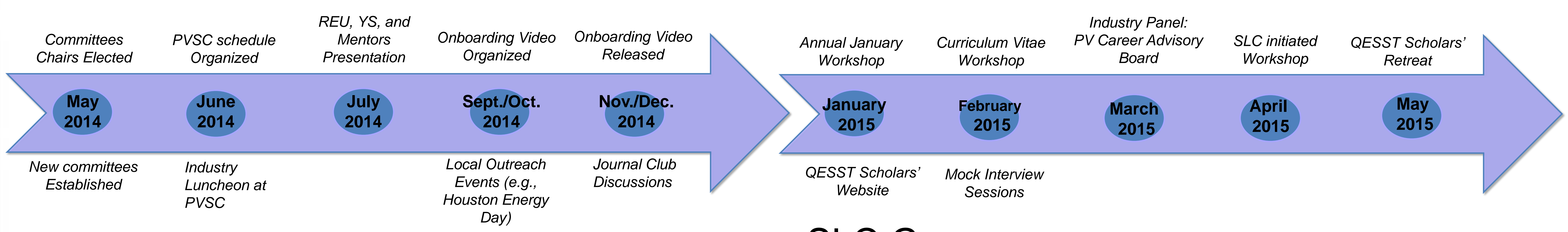
- Supporting the emergence of perpetual personal and professional networks
- LinkedIn: QESST Industry Partner–Student Internship Network
- Facebook: QESST Scholar Facebook Page



SLC-organized 2014 QESST Scholar networking and working Retreat

SLC Annual Calendar of Events

The SLC uses an annual calendar of events to plan and coordinate its activities.

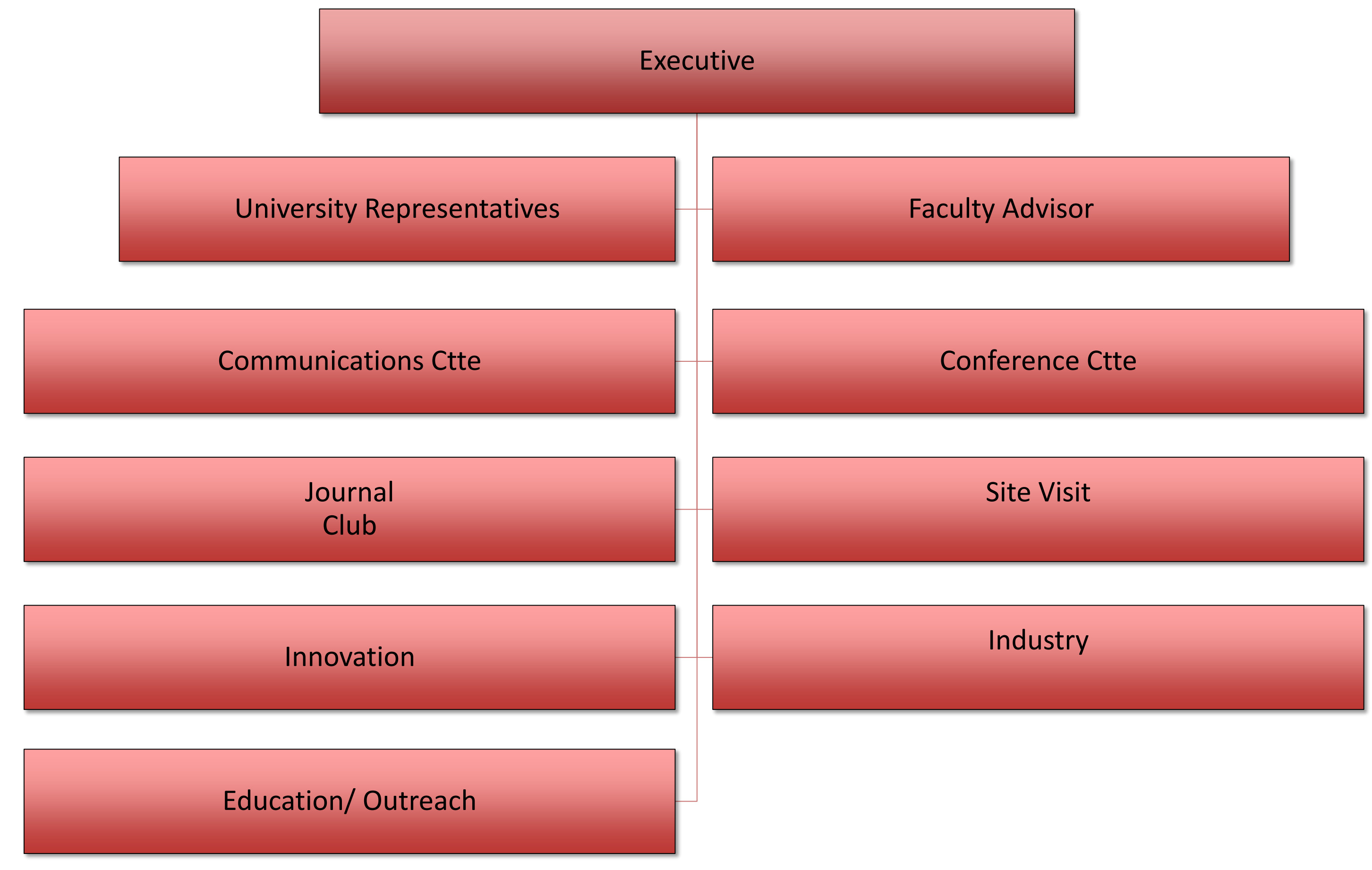


SLC Aims in Support of QESST

1. Developing principled engineering and research leaders
2. Building research and career pathways with industry
 1. Planning and coordinating industry mixers, career panel discussions, mock interviews
3. Engaging communities for solar education
 1. Supporting education and outreach programs
 2. Mentoring Young Scholars and Undergraduate Researchers
 3. Providing a network of international educational opportunities.

SLC Organizational Structure

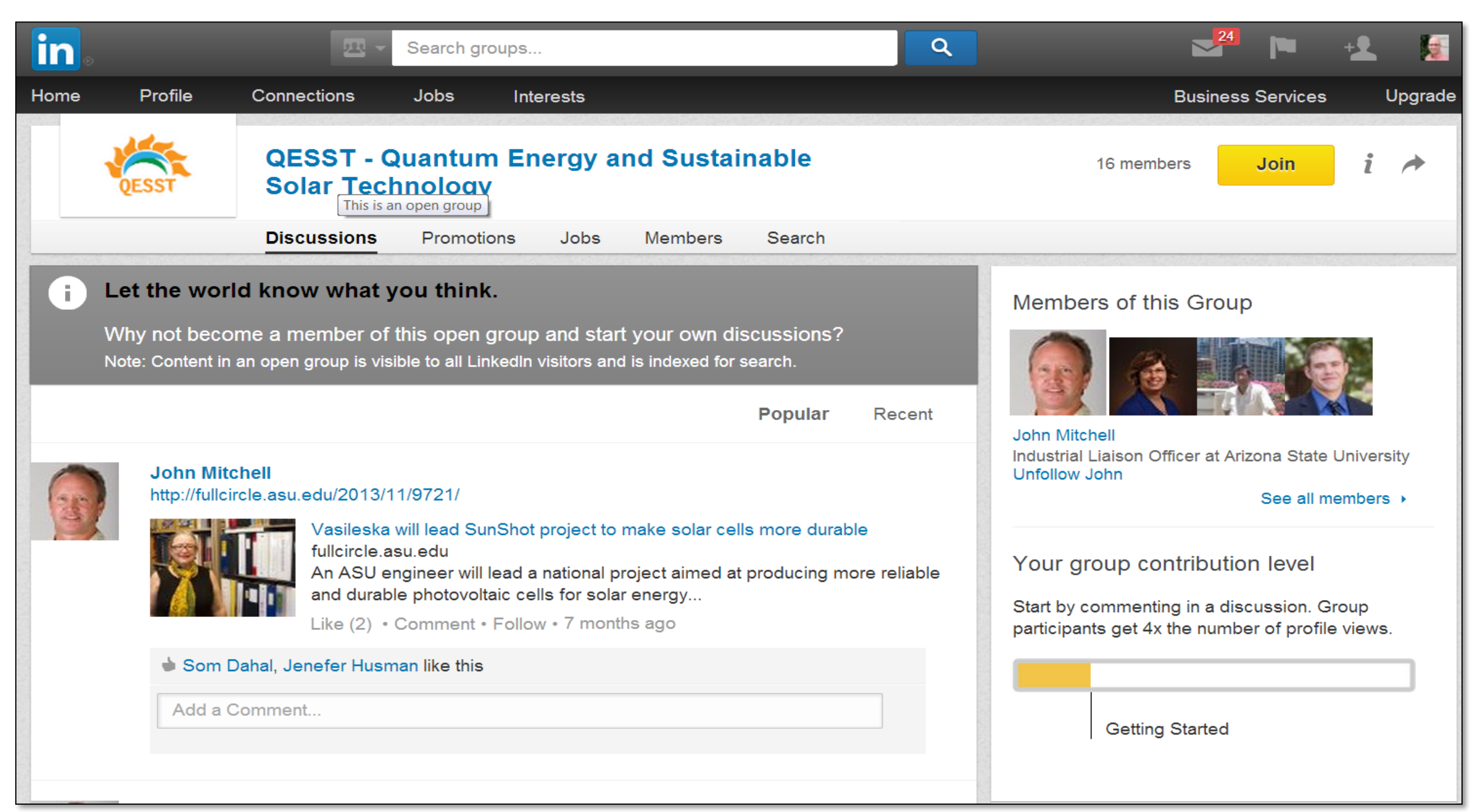
The SLC uses a committee-based organization structure to distribute leadership responsibility and workload.



SLC Organization Chart

SLC Network Building

The industrial liaison, at the request of the SLC, maintains a LinkedIn group for professional networking and the SLC maintains a Facebook page for social networking.



Industrial liaison organized LinkedIn Group

SLC Governance

Working together across institutes is made easy. SLC uses the same facility and video conferencing tool QESST uses for biweekly All QESST meetings.



SLC Skype Meeting

