



THE ACS CHEMICAL ENTREPRENEURSHIP COUNCIL (CEC): A RESOURCE FOR ACS MEMBERS

What Women Can Do: Presentation to the Women Chemists Committee (WCC)

Janet L. Bryant, CEC Chair & Judy Giordan, CEC Executive Board

245th ACS National Meeting: New Orleans, LA

April 6, 2013

CHEMICAL ENTREPRENEURSHIP COUNCIL (CEC)

A grass-roots coalition of ACS organizations whose charters include entrepreneurship and support to the business of chemistry & its practitioners.

▶ Technical Divisions:

- ▶ Business Development & Management (BMGT)
- ▶ Small Chemical Businesses (SCHB)
- ▶ Professional Relations (PROF) - pending

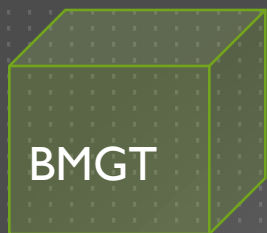
▶ Committees:

- ▶ Economic & Professional Affairs (CEPA)
- ▶ Science (COMSCI)
- ▶ Women Chemists (WCC)

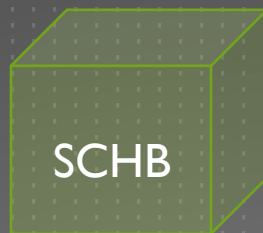
▶ Plus Partner: National Collegiate Innovators & Inventors Alliance (NCIIA)



CEC Leadership - 2013



Carol Duane

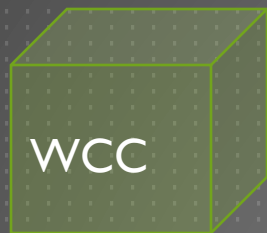


Carlyn Burton

Jennifer MacClachlan
(PR/Communications)



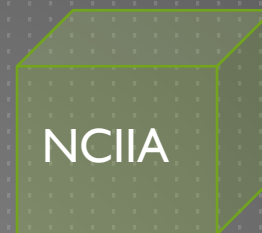
TBD



Judy Cohen



John Vercellotti



Judy Giordan
(Training/Education)

Janet L. Bryant
CEC Chair

Gabby Hrycyshyn
Operations Mgr.



CHEMICAL ENTREPRENEURSHIP COUNCIL (CEC)

YOUR ACS at work for ACS members seeking the skills and resources to translate their innovations into products, services & JOBS!

- ▶ The skills of “entrepreneurship” help *everyone* in the chemical enterprise...academics, industrial chemists, government-related chemists
- ▶ The ability to innovate...translate research into products and services that can help people and the planet...happens in all areas of the chemical enterprise
- ▶ The CEC is about helping all chemists:
 - ▶ gain the skills to translate research into innovations that can become commercial products,
 - ▶ build strong careers and strong companies that create jobs, and a strong and positive reputation for chemistry

...and not only through new start-ups.



CONNECTING MEMBERS TO RESOURCES!



Programs, Products, Workshops & Other Training, Contacts, Networks, Info, etc. !
For Chemical Professionals to gain the skills needed to translate research into innovations and JOBS!



CHEMICAL ENTREPRENEURSHIP COUNCIL

A resource for ACS members seeking the skills and resources to translate their innovations into products and services through 3 Subcommittees!

Resource Map

- ▶ **Goal:** To catalogue products, programs, services, networks, et.al. available to ACS members across the innovation value chain, including ACS products and externally-available resources.

Education and Training (E&T)

- ▶ **Goal:** To identify, and when appropriate, provide E&T opportunities to ACS members across the innovation value chain from ideation to commercialization – at the local, regional and national levels of ACS.

Communication, Outreach & PR

- ▶ **Goal:** Facilitate communication of events, services and programs organized and delivered by the CEC through various ACS venues.

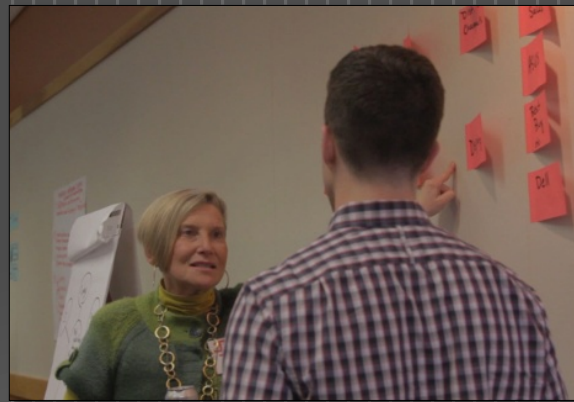
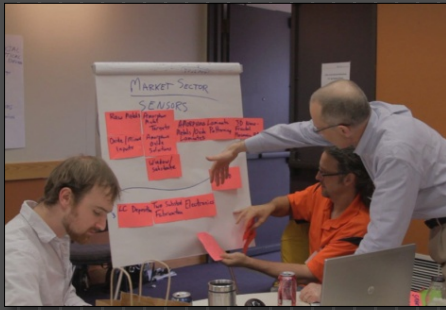


THE NEED IS THERE!

- ▶ By 2008 women accounted for most of the growth in the number of science and engineering doctorates awarded in the US (NSF 2008 Survey of Earned Doctorates (see <http://go.nature.com/8HRei6>).
- ▶ The case for women to take leadership roles and build science, technology, engineering and mathematics (STEM) intensive businesses has never been greater.
- ▶ Yet despite the value women bring to existing companies, and could bring as leaders in new STEM ventures and start-ups, few women get to this stage.
- ▶ The result is that women are significantly underrepresented as STEM innovators and venture leaders.

What Can Women (& WCC) Do?

- ▶ How can WCC help STEM Women succeed in building companies and JOBS?
- ▶ What STAND will WCC publicly take?
- ▶ And How does WCC want to participate?
- ▶ WCC INFLUENCE within ACS



LENS OF THE MARKET WORKSHOP

- ▶ **Who participates:** Teams of 3-5 students, faculty and post docs, working on research together that are interested in exploring translating their research into innovations (no business plan or skills needed!).
- ▶ **How long is the workshop:** 1 day
- ▶ **Who are your instructors:** A team of experienced professionals with a track record of successful technology commercialization.
 - ▶ Brought to you by a grant from the U.S. National Science Foundation!
 - ▶ Visit www.ecosvc.com/lens-of-the-market for more information !

CEC CONNECTING MEMBERS TO RESOURCES NEW ORLEANS

- ▶ Please pick up a copy of the **CEC meeting roadmap** to programming, events and networking

- ▶ **BMGT, SCHB & CHAS Networking Reception**
Tuesday, April 9th, 5:00-8:00 PM
Tomas Bistro – Gallery Room
755 Tchoupitoulas Street



CHALLENGE: What Can WCC Do?

- ▶ **National Meeting Leadership:**
 - ▶ Women in Innovation and Investing Symposium – Fall 2013
 - ▶ Joint with SCHB, PROF, BMGT & WCC
- ▶ **Regional Meeting Leadership:**
 - ▶ SERMACS Regional Meeting: November 2013 – Lens of the Market Workshop
- ▶ **How else can WCC help STEM Women succeed in building companies and JOBS?**
- ▶ **WCC INFLUENCE:**
 - ▶ Top-down influence within ACS
 - ▶ Grassroots influence



BACKUP SLIDES



IDEATION TO COMMERCIALIZATION: INNOVATIONS AND INNOVATORS NEEDED!

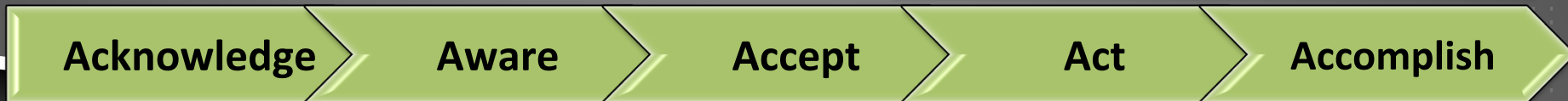
Innovation



Ongoing Education and Training

Business Advising

Funding



Innovator