

U.S. Chemical Industry Workshop to
Identify Research Collaborations:
Opportunities with DOE and NSF

Welcome and Workshop Purpose

Don Anthony

Council for Chemical Research





Welcome

Sectors/Participants

- ▲ Industry -- 38
- ▲ Government -- 30
- ▲ Academic -- 18
- ▲ Associations -- 5



CCR & Vision2020 are Natural Partners

Council for Chemical Research

Purpose: Benefit society by advancing research in chemistry, chemical engineering, and related disciplines through leadership collaboration across discipline, institution, and sector boundaries. www.ccrhq.org



Chemical Industry Vision2020 Technology Partnership

Purpose: An industry-led process to accelerate innovation and technology development by leveraging financial and technical resources. www.ChemicalVision2020.org





Workshop Purpose

- ▲ Identify new research projects with potential
 - Economic benefits
 - Collaborators
 - Funding sources



Today's focus:

Bring people with similar interests together

- ▶ Help all participants form collaborations in areas of their interest.



Successful Partnerships will ...

➔ *Continue to work together*

➔ *Find appropriate funding sources*



Working Groups

- ▶ **Alternative Energy Production, Storage, and Transmission** - John Carberry, Dupont
- ▶ **Alternative Fossil Based Feedstocks and Chemistries** - Joe Zoeller, Eastman
- ▶ **Energy Efficient Process Alternatives**
- Tyler Thompson, Dow
- ▶ **Energy Conversion** - Wayne Ranbom, Arkema



Department of Energy

Industrial Technologies Program

Charles Russomanno

Alternative Energy Production, Storage, and Transmission

Brian Valentine, Ph.D.

Alternative Fossil Based Feedstocks and Chemistries

Dickson Ozokwelu, Ph.D.

Energy Efficient Process Alternatives

National Science Foundation

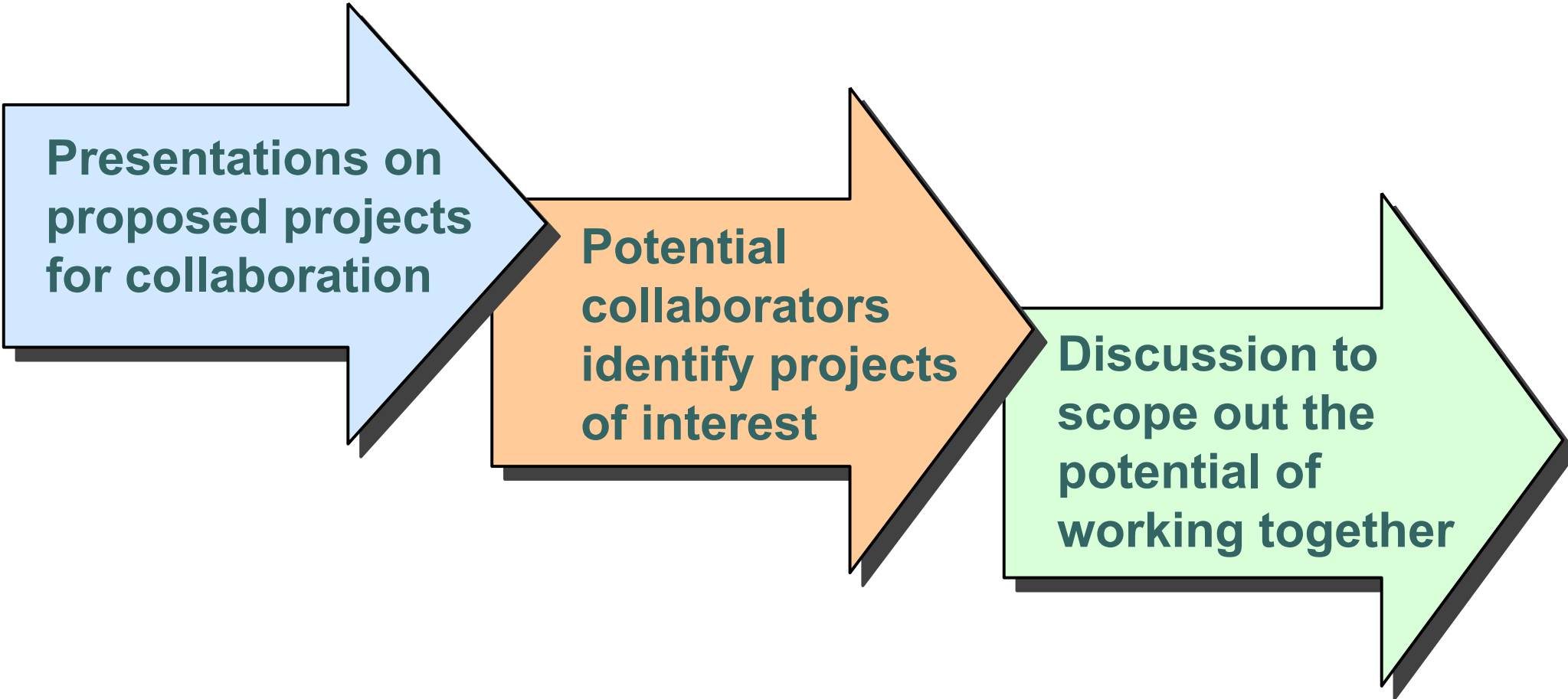
Process and Reaction Engineering Program

Carol Korzeniewski

Energy Conversion



Workshop to Identify Collaboration Opportunities



**Presentations on
proposed projects
for collaboration**

**Potential
collaborators
identify projects
of interest**

**Discussion to
scope out the
potential of
working together**



Creating & Managing Strategic Alliances in the Chemical Industry

▲ **Keynote Speaker:**

Gene Slowinski, Ph.D.

**Director, Strategic Alliance Research
Rutgers University &
Managing Partner
Alliance Management Group, Inc.**