

CCR Strengths

- ✦ Nexus of three sectors of the chemical research enterprise with research leaders who can act on ideas and proposals
- ✦ Fosters collaboration through networking, culture sharing, and addressing challenges
- ✦ Platform for discussion of big picture issues- Annual Meeting with high level industry, government, and academic representatives
- ✦ Focuses on graduate education including curriculum, immigration, employment, and faculty recruiting
- ✦ Addresses long range research initiatives - roadmapping; R&D Impact Studies

Annual Meetings

- ✦ CCR Chemical Innovation Forum & Annual Meeting: May 19-21, 2013
Advancing Innovation: Breaking Barriers, Advancing Frontiers
- ✦ CCR 33rd Annual Meeting: May 20-22, 2012
Dearborn, MI
21st Century Challenges & Innovation for the Chemistry-Based Industry
- ✦ CCR 32nd Annual Meeting: May 1-3, 2011
Dearborn, MI
Advanced Materials: Driving Transformative Research in Energy and Automobiles

2013 CCR Governing Board

Marc Donohue (Johns Hopkins) – Chair
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Ralph Truitt (Corning)
Keith Watson (Dow Thermosets)

The Council for Chemical Research (CCR)



*Improving Chemical Innovation
through Collaboration & Advocacy*

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The Council for Chemical Research

was created in 1979 to improve trust and collaboration between the public and private research sectors. Based in Washington, DC, CCR's mission is "**Advancing Chemical Innovation through Collaboration and Advocacy.**" It does this by linking R&D leadership across discipline, institution, and sector boundaries.

CCR's membership represents research leadership in 3 sectors of the US chemical research enterprise: Industry, Academia, and Government Laboratories with a combined US R&D budget of more than \$7 billion.

Core Values

- ✚ Chemical research is essential to progress in health, quality of life, and economic prosperity
- ✚ Research is central to education and key to discovery and innovation
- ✚ Chemical science and engineering impacts many disciplines
- ✚ Collaborative approaches deliver maximum leverage

Goals

- ✚ Advance research collaborations
- ✚ Advocate for research investment
- ✚ Enrich graduate education
- ✚ Address long-range issues facing chemical and related industries

CCR Studies Show That:

Chemical R&D Provides Excellent Return on Investment

- ✚ Chemical companies get \$2 of operating income for every \$1 of R&D invested
- ✚ Chemical technology is highly dependent on publicly funded chemical science research



Chemical R&D Powers the U.S. Innovation Engine

- ✚ The US economy gains roughly \$40 in GDP growth and \$8 in increased tax revenues for every dollar of federal investment in chemical sciences research
- ✚ Technology quality, innovation speed and strong scientific links deliver greater shareholder value
- ✚ All industries are significantly impacted by the chemical sciences. It is the most enabling science and technology
- ✚ The big opportunity is to reduce the innovation time lag from initial public research funding to commercialization

Recent Events

New Industrial Chemistry and Engineering (NICHE) Workshops

- ✚ **Nanotech R&D**
Pittsburgh PA, March 2013
- ✚ **Barrier Technologies**
Arlington VA, September 2012
- ✚ **Catalysis & Alternative Feedstocks**
Univ of Delaware, DE, September 2011
- ✚ **OLED Materials for Lighting & Display**
Minneapolis, MN, June 2011

Meetings and Events

- ✚ **Precompetitive Research in Pharma**
Philadelphia PA, June 2013
- ✚ **Great Lakes Chemistry Chairs Meeting**
Detroit, MI, October 2011
- ✚ **CCR-AIChE Joint Session – Chemical Science Innovation**
Minneapolis, MN, October 2011
- ✚ **CTO Forum**
Philadelphia, PA, June 2011
- ✚ **Harnessing DOE's High Performance Computing Expertise**
Rockville, MD, March 2011

Advocacy Activities

- ✚ **Congressional Visits Day**
- ✚ **Visits to Federal Agencies**