

Compete Connect

June 2023 Edition

From the CEO's Desk



Deborah L. Wince-Smith
President and CEO
Council on Competitiveness

As we head into our nation's holiday to celebrate our 247th year of independence, the Council on Competitiveness is working hard to prepare for an active summer and fall, engaging our members across many fronts.

This past week we launched a new phase of work for our longstanding Technology Leadership & Strategy Initiative (TLSI) hosted in Palo Alto at Lockheed Martin's Advanced Technology Center. This distinctive group of chief technology officers across industry, academia and the national laboratory will be engaged over the coming year on defining a new industrial base for national security, sustainability, energy security and economic competitiveness. More to come in our next e-newsletter on how the group will be moving forward as it meets next at Lawrence Livermore National Laboratory on September 21st.

And quickly coming after the July 4th holiday, we will host the summer meeting of the Council's Board, Executive Committee and National Commissioners at Gallup HQ in Washington, D.C. This session will feature my "State of the Council," outlining the status of all our projects and initiatives. We will focus specific time on reviewing the status of our "National Commission on Innovation & Competitiveness Frontiers" and propose a path to engage members across the United States in a significant new Competitiveness Conversations Series in 2024, as well as launching new policy working groups.

To all across our great nation, Happy July 4th!

DECEMBER 14-15, 2023:

SAVE THE DATE AND PLAN TO JOIN THE 2023 NCF!

Participate in the Council's 2023 National Competitiveness Forum (NCF). The Council will host both the Gala Dinner on December 14 and the NCF on December 15 at the Salamander Hotel in Washington, D.C.

Stay tuned for a formal invitation and more details on this premier event, including sponsorship opportunities. To learn more, contact Council EVP Chad Evans: cevens@compete.org



News

TLSI Discusses Key Strategy for 2023 and beyond at June Dialogue Hosted by Lockheed Martin in Palo Alto

The Council launched a new policy and action agenda for its longstanding Technology Leadership & Strategy Initiative (TLSI) at the Lockheed Martin Advanced Technology Center in Palo Alto, CA. The TLSI distinctively brings together CTOs across industry, academia and national labs to make the case for the nation's investments in the talent, technology and infrastructure underpinning long-term, inclusive innovation.

Hosted by Lockheed Martin Vice President and CTO Dr. Steve Walker and his TLSI Co-Chairs Arizona State University Executive Vice President Dr. Sally Morton and Lawrence Livermore National Laboratory Deputy Director Dr. Patricia Falcone. This first TLSI Dialogue of 2023 focused members on issues like:

- Developing an adaptive and agile industry base to meet U.S. economic, national security, energy and sustainability needs
- Optimizing the growing reliance on new knowledge and technology developed in the commercial sector and universities
- Building a new technology and innovation statecraft with strategic allies



Member News

Council Members Among Those Greeting and Engaging with Indian Prime Minister Narendra Modi on His U.S. State Visit

President Biden invited to the White House a distinguished group of U.S. university leaders and members of the Council on Competitiveness like University of California San Diego Chancellor Dr. Pradeep Khosla and University at Buffalo President Dr. Satish Tripathi to welcome and meet with Indian Prime Minister Narendra Modi, to discuss a range of strategic investment and partnership opportunities between the world's two largest democracies.

Read more [here](#).

Council Business Vice-Chair Janet Foutty Joins the NIST Selection Committee for the Board of Trustees of the National Semiconductor Technology Center



Janet Foutty
Former Executive Vice Chair
of the Board

The U.S. Department of Commerce's CHIPS for America team has appointed leaders, including Janet Foutty, to a committee responsible for choosing the eventual board members for the newly forming non-profit that will run a National Semiconductor Technology Center (NSTC). The NSTC is a crucial part of the research and development plan of the bipartisan CHIPS & Science Act.

Read more [here](#).

Council Members Working Together to Improve Cybersecurity Through the Power of Artificial Intelligence (AI)

A team comprised of scientists from four Council member and partner organizations, the Pacific Northwest National Laboratory, Purdue University, Carnegie Mellon University, and Boise State University, has developed an AI model to help cybersecurity defenders track, prioritize and prevent cyber threats and attack by integrating information from three large databases that assess vulnerabilities, weaknesses and attacks.

Read more [here](#).

Arizona State University Is Among Leaders in Service to Latino Student Success

Arizona State University President Michael Crow has joined the network of Presidents for Latino Student Success as announced by Excelencia in Education, a Washington, D.C.-based organization, in recognition of ASU's commitment to creating an inclusive educational environment. He, and ASU, join a national network of presidents and chancellors dedicated to fostering learning environments where Latino students can excel.

Read more [here](#).

Commonwealth Scientific and Industrial Research Organisation (CSIRO) Council Member and Chief Executive Dr. Larry Marshall Releases New Book on Eve of his Retirement

Invention to Innovation provides guidance for scientists, leaders, investors and policymakers on how to translate research into successful and competitive companies and industries. Drawing on his extensive experience, Dr. Marshall demonstrates how scientific advancements can create value, stimulate markets, generate jobs and bring about social, environmental and economic benefits. The book encapsulates many of the lessons Dr. Marshall has learned and implemented at CSIRO during his 8-year tenure as CSIRO Chief Executive, including having partnered with the Council to launch our CTO-level US-Australia Innovation Platform.

The Council congratulates Larry on his successful run at CSIRO and looks forward to continuing to build on this strategic partnership.

Read more and buy the book [here](#).

Council Distinguished Fellow and Former Undersecretary of Science at DOE Paul Dabbar Testifies before the House Science, Space & Technology Committee

In a hearing of the House Science, Space & Technology, the Honorable Paul Dabbar discussed quantum technologies and the impact of previous policy actions in triggering a technology revolution. Dabbar highlighted the progress made through the National Quantum Initiative (NQI) including the establishment of research centers and significant achievements in quantum computing, networking and simulation. He testified,

“This technology is critical, and China, while behind us, is right on our heels. I recommend that we continue with the momentum that you (the Committee and Congress) created in America...”

Watch the hearing [here](#) and read the statement [here](#).

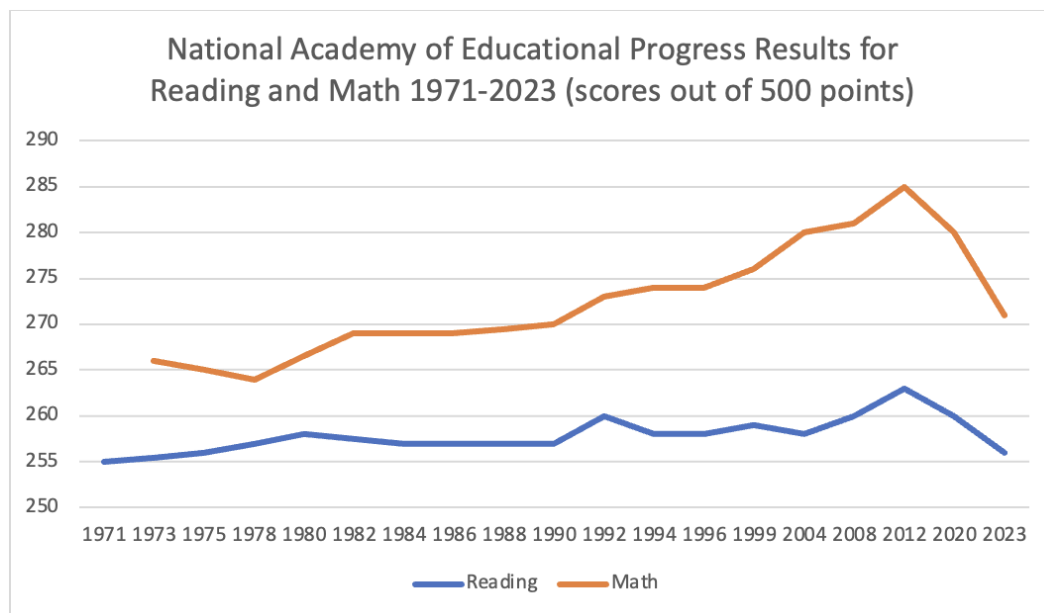
U.S. Department of Energy Funds Commercial Fusion Energy Development

The Oak Ridge National Laboratory (ORNL) of the U.S. Department of Energy is partnering with six companies to advance fusion power plant designs and research. The goal is to achieve a pilot-scale demonstration of fusion energy within the next ten years. The increasing global demand for energy and the need for zero-carbon generation are driving the research on fusion energy as a sustainable and non-carbon-emitting energy source. The Milestone-Based Fusion Development Program, announced with \$46 million in awards, aims to resolve scientific and technological challenges to create designs for fusion pilot plants. The program accelerates fusion energy development and encourages public-private partnerships. ORNL plays a significant role in both the program and the scientific foundation of fusion energy.

Read more [here](#).

Council Insights

In the aftermath of the COVID-19 pandemic, the math and reading performances of 13-year-olds in the United States have made a dramatic turn for the worse after having seen gains over the past three decades, according to the National Assessment of Educational Progress (NAEP). Three decades of gains in math performance have been nearly undone, with scores having reached their lowest level since the 1990s. The average scores for 13-year-olds were 256 out of 500 in reading and 271 out of 500 in math, down from previous scores in 2020 of 260 in reading and 280 in math. Achievement gaps were observed across racial, socioeconomic and geographic lines, with vulnerable groups experiencing larger drops, particularly in math.



Source: [NAEP 2023](#)

New to the Community



Dr. Marlene Tromp
President
Boise State University
National Commissioner



Dr. Kenneth W. Bayles Vice
President of Research
University of Nebraska
TLSI

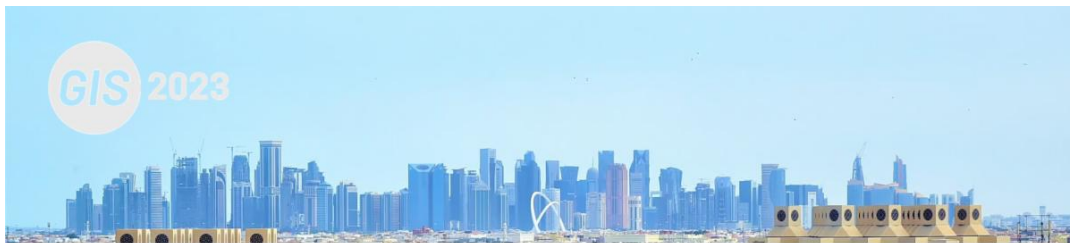


Dr. Jeff Rhoads
Vice President for
Research
University of Notre Dame
TLSI

International

Join the Council's sister organization **Global Federation of Competitiveness Councils**
at its Annual
Global Innovation Summit in Qatar

Join the GFCC, a delegation from the Council on Competitiveness, and leaders from 40+ countries at Qatar University on November 11-14, 2023 to focus on how to "Shape Tomorrow: Innovate the Sustainable Future." Stay tuned for more updates and contact Council EVP Chad Evans to learn more: cevans@compete.org



SAVE THE DATE

Global Federation of Competitiveness Councils (GFCC) Annual Global Innovation Summit

November 11-14, 2023 | Doha, Qatar

To learn more, contact Chad Evans



CONTACT US

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