

Compete Connect

January Edition

From the CEO's Desk



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

The new year is off to a strong start, and I look forward to building off our strong 2022 and working with all in the Council's membership and extended community to focus on developing policy and actions to amplify the power of innovation, sustainability, resiliency, and inclusivity to drive long-term productivity and prosperity.

Right off the bat, I'd like to flag two critical events for calendars — and encourage you to be with us:

First, save **March 27-28, 2023** and plan to join me and National Commissioner and Chancellor Gary May at the University of California Davis for the "National Commission Phase 2 Launch Summit."



[CLICK HERE TO REGISTER AND LEARN MORE](#). This Summit will be seminal in setting the stage for our next major policy work to advance America's innovation economy. And I am excited to announce an initial slate of special keynoters, including Paul Monks, Chief

Scientific Advisor, United Kingdom — with more to come. For additional information, contact Council EVP Chad Evans (cevens@compete.org)

Second, save **December 14-15, 2023** for our National Competitiveness Forum (NCF) in Washington, DC. Location and agenda to come as we move into the year, but we will build off our first in-person NCF in two years this past December. My [January 2023 article on Forbes.com](#) shares my key takeaways from the 2022 NCF and suggests priorities for the coming year. And you can visit or re-visit the NCF here with a [full playlist](#) of our panels, including fireside chats with U.S. Department of Commerce Secretary Gina Raimondo and White House Science Advisor Dr. Arati Prabhakar.

More to come in February as we map out the key dates and locations for our other major initiatives — the [Technology Leadership & Strategy Initiative](#), the [Advanced Computing Roundtable](#), and the [University Leadership Forum](#) — so, stay tuned to *Compete Connect*.

“New Realities on the Global Competitiveness Landscape”

Deborah Wince-Smith’s January 2023 Forbes.com Article

“New Realities on the Global Competitiveness Landscape” captures a range of key ideas, insights, and experiences from the Council’s December 2022 National Competitiveness Forum. [Read here](#) for Deborah’s takes on: the United States having reached a new Sputnik moment, with a range of challenges and opportunities converging on the country; U.S. competition with China entering a new phase of urgency; the CHIPS and Science Act possibly being a game-changer for U.S. competitiveness over the coming decades; the roles of the Federal government and U.S. universities in technology and innovation evolving rapidly and dramatically; and the necessity for the United States to expand the footprint of innovation geographically and demographically.

2022 National Competitiveness Forum - #NCF2022

For the first time since 2019, the Council hosted in December 2022 its annual Dinner and National Competitiveness Forum in Washington, DC. With a strong slate of high-level speakers across the private and public sectors, the events attracted more than 300 guests from across the country.

The NCF featured a range of policy panels with its members and colleagues, which can be viewed on [CompeteTV’s playlist of the 2022 NCF](#). Of note, two fireside chats featured key Administration leaders:



U.S. Secretary of Commerce Gina Raimondo, in conversation with Council Chair Brian Moynihan (Chair and CEO, Bank of America), discussed the importance of building up the U.S. engineering talent pipeline to out-compete China and other competitors. And she made the compelling case that the United States must better protect its technologies and become less dependent on others for technologies critical to a range of industries that will drive future competitiveness.

White House Science Advisor Dr. Arati Prabhakar and Council President and CEO Deborah Wince-Smith discussed the dynamic conversation unfolding across the country about



the role the government must play in partnership with the private sector to drive national economic competitiveness. They highlighted a range of public-private partnerships to support the U.S. innovation ecosystem and bolster more domestic manufacturing.

The 2022 NCF highlighted lessons from the [National Commission on Innovation and Competitiveness Frontiers](#) and featured panels themed around:

- [Sustainability and Clean Energy](#) – traditional energy resources remain important as a bridge while renewable energy coverage expands; consumption patterns must change to achieve emissions goals; the nexus of food, energy, and water provides new business opportunities.
- [Developing and Deploying Disruptive Technology](#) – nations around the world are emerging as centers of innovation, adding impetus for the United States to strengthen its technology, while improving scale and speed of deployment to the market.
- [The Future of Work](#) – the United States needs to rethink education and skills credential programs to find and engage the “missing millions” in our skills and job pipelines, better fitting K-12 and secondary education outcomes to current workforce requirements and needs.
- [Place-Based Innovation](#) – a discussion of strategies and best practices across Tennessee to build a globally competitive, place-based innovation ecosystem – with lessons for the rest of the United States.



From left to right: Council Executive Vice President Chad Evans, Council President and CEO Deborah Wince-Smith, National Commissioner Dr. Thomas Mason (Director of Los Alamos National Laboratory), Council Business Vice-Chair and National Commissioner Janet Foutty (Executive Chair of the Board, Deloitte US), Council Academic Vice-Chair and National Commissioner Joan Gabel (President, University of Minnesota), Assistant Director of the Directorate for Technology, Innovation and Partnerships, National Science Foundation Dr. Erwin Gianchandani

Council on Competitiveness honors three distinguished leaders at the 2022 Annual Dinner

The Council on Competitiveness Board honored three leaders during the 2022 Annual Dinner, recognizing each of their distinguished career achievements to boost U.S. innovation capabilities and capacities:

- [Dr. France Córdoba](#), the 14th Director of the National Science Foundation, the youngest person and the first woman to serve as NASA's Chief Scientist, former President of Purdue University and Chancellor of UC Riverside, and currently the president of the Science Philanthropy Alliance.
- [Dr. Thomas Zacharia](#), former Director, Oak Ridge National Laboratory and President and CEO, UT-Battelle, having served at ORNL for 35 years — including service as Deputy Lab Director, and former Chairman of the Qatar Science and Technology Park and Executive Vice President of R&D at Qatar Foundation.
- [The Hon. Paul Dabbar](#), the fourth Undersecretary of Energy for Science at the U.S. Department of Energy, Managing Director at JPMorgan Chase & Co., a former nuclear submarine officer in the U.S. Navy, and, currently, Distinguished Visiting Fellow – Center on Global Energy Policy at Columbia University, and the CEO of Bohr Quantum.



From left to right: Council Business Vice-Chair and National Commissioner Janet Foutty (Executive Chair of the Board, Deloitte US), Council Chair Brian Moynihan (Chair and CEO of Bank of America), Council Distinguished Fellow Dr. France Córdoba (President, Science Philanthropy Alliance), Council Chair Emeritus Chad Holliday, National Commission Co-Chair Dr. Thomas Zacharia (Director, Oak Ridge National Laboratory), Council President and CEO Deborah Wince-Smith, Council Distinguished Fellow Paul Dabbar (Chairman & CEO of Quantum Bohr Technologies)

Council on Competitiveness Executive Vice President Chad Evans is the 2023 Co-Chair for “Science Is US”

The [Science Is US](#) Steering Committee — leaders from eight of the nation’s top STEM-focused organizations — elected Council EVP Chad Evans as its 2023 Co-

Chair. In this role, Evans will work with fellow committee members to advise this distinctive organization on how to: make the case that STEM is fundamental to U.S. success; and promote science and evidence-based decision making in public policy.

Council EVP
Chad Evans
elected 2023
Co-Chair of
Science is US



Member News

Director Dr. Kimberly Budil shares insight on the historic fusion ignition achievement at Lawrence Livermore National Laboratory

In December 2022, Lawrence Livermore National Laboratory (LLNL) announced a massive breakthrough achievement: the first documented fusion breakeven ignition. This unprecedented effort — in which more energy was produced from an ensuing fusion reaction than from the energy used to create it — will underpin future advancements both for the generation of clean power, as well as for national defense.



LLNL Director and Council Member Dr. Kimberly Budil has shared this incredible development in a range of high-level speeches and appearances, including recently at the [World Economic Forum](#) and on [60 Minutes](#).

Read [here](#) for more details about this historic development.

Dr. Keoki Jackson, MITRE Corporation Senior Vice President, discusses a “whole of nation approach to national security in recent op-ed

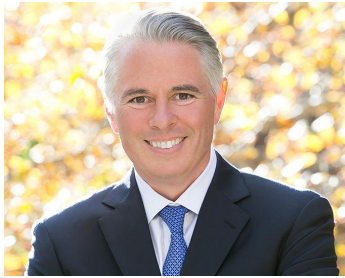
In a recent, co-authored op ed in *The Hill*, reflecting on the major elements of the Biden Administration’s recently released National Security Strategy and National Defense Strategy, Dr. Keoki Jackson notes the need for matching the urgency of threats while embracing timely, cross-government approaches to match the complexity of the challenges facing the United States. He calls for a “whole of nation” approach inclusive of:

1. Updating and empowering the defense production base — procuring and scaling at a faster rate, while increasing supply chain resiliency.
2. Empowering allies and partners through collaboration.
3. Defending the homeland against cyber threats — building a layered, public-private cyber deterrence strategy across critical areas such as the economy and elections.

Read the full op-ed [here](#).

News Members

The Council is pleased to announce and welcome
our new members joining this January:



Dr. David A. Greene
President, Colby College
General Membership



Dr. José-Marie Griffiths
President, Dakota State
University
General Membership



Ms. Van Ton-Quinlivan
Chief Executive Officer
Futuro Health
General Membership



Dr. Steven Walker
Chief Technology Officer
Lockheed Martin
General Membership



Dr. Ramamoorthy Ramesh
Vice President for Research
Professor of Materials Science and
Nanoengineering
Professor of Physics and Astronomy
Rice University
Technology Leadership & Strategy Initiative
(TLSI)

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