

Compete Connect

August Edition

From the CEO's Desk



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

A key outcome from our Summer 2022 Board, Executive Committee, and National Commissioners meeting – punctuated by key speeches from the Directors of the National Science Foundation and the National Institute of Standards and Technology – was the launch of "phase 2" for our flagship "National Commission on Innovation and Competitiveness Frontiers." In this edition of Compete Connect, we are sharing our refreshed concept paper and new Working Group charters – and seeking your engagement for the Fall and into 2023 as we shape the next, strategic, prioritized set of competitiveness-enhancing policy recommendations for Congress, the Administration, and policy leaders around the country.

In addition, following the historic passage of The CHIPS and Science Act and the Clean Energy Bill I share below my take in *Forbes.com* on the critical next steps the nation must take to leverage this generational opportunity, turbocharge innovation, bolster national and energy security, and drive long-term economic and productivity growth. Read more here.

And as we head toward the end of Summer and the start of Fall, the Council has a packed and ambitious agenda – with important meetings lined up for our Technology Leadership and Strategy Initiative, our University Leadership Forum, and the Advanced Computing Roundtable – all leading up to our first in-person National Competitiveness Forum in three years! I hope you are all making plans to be with us in Washington, DC in December.

DEC. 8-9, 2022: SAVE THE DATE & PLAN TO JOIN THE 2022 NCF!

Participate in the Council's 2022 National Competitiveness Forum (NCF) – a return to our Gala Dinner on December 8th, and the NCF on the 9th – both at the Willard InterContinental in Washington, DC. Stay tuned for invitations and details – including sponsorship opportunities for this premier event bringing together private and public sector

leaders from across the country.

For more information, reach out to Council EVP Chad Evans.



News

Council sets the stage for "Phase 2" of flagship initiative, the "National Commission on Innovation and Competitiveness Frontiers" – Competing in the Next Economy: Adapting to a Changing World

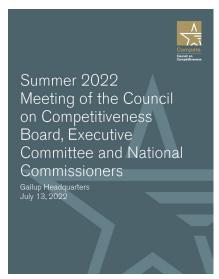
Council Chair Brian Moynihan, Vice Chair Janet Foutty, Chair Emeritus Chad Holliday – and more than 50 other Executive Committee Members and National Commissioners – debated and endorsed during the Council's Summer 2022 Meeting at Gallup headquarters a refreshed concept paper and action plan for the National Commission in 2022-2023.

The National Commission's next step is the Fall 2022 launch of four, new, policy-generating Working Groups:

- The Future of Sustainability: Accelerating Innovation in Clean Energy Technology
- The Future of Technology: Developing and Deploying Disruptive Technologies at Scale
- The Future of Work and the Workforce: Developing, Supporting, and Expanding the Modern Innovation Workforce in an Era of Creative Destruction
- The Future of Place-Based Innovation: Broadening and Deepening the Innovation Ecosystem

Read the new concept paper and the charters for each of the four new Working Groups. If interested to learn more and how to participate, contact Council on Competitiveness Executive Vice President Chad Evans.





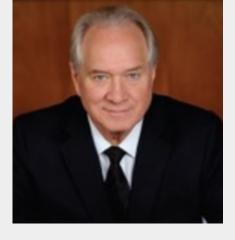
About and For Members

"The old workplace is gone. What's a Board to do?" – Council Executive Committee Member Jim Clifton and Chair Emeritus Chad Holliday offer strategic advice for leaders facing the changing nature of work.

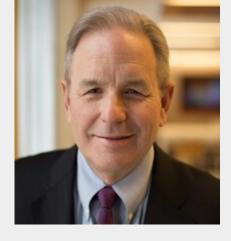
Clifton, Chairman of Gallup, and Holliday, former Chair of DuPont, Bank of America, and Shell, spell out the struggles facing CEOs and Boards with a workforce, as of yet, unwilling to return to the office en masse. In this unprecedented environment, mentoring, collegial care, and trust are fleeting, and managers need to be better and differently prepared to lead remote teams.

Clifton and Holliday warn that not addressing this increasing issue could drive productivity losses and a decrease in GDP. They suggest a radical rethinking of work, calling Board members to support CEOs in the strategic decision to: transition to hybrid work models, establish core days that in-person work is required to encourage employee engagement, encourage one-on-one mentoring calls between managers and employees, and focus all employee interactions on the customer relationship.

Read more here.



Jim Clifton Chairman, Gallup



Chad Holliday
Chair Emeritus, Council on
Competitiveness

Oak Ridge National Laboratory and partners bolster U.S. research and innovation capacity, dedicating the world's fastest supercomputer

"Frontier" – the world's fastest supercomputer and a product of a public-private partnership between the U.S. Department of Energy, Oak Ridge National Laboratory, Hewlett Packard Enterprise, and AMD – is the first to break the exascale barrier.

Frontier represents "a new era of supercomputing that will empower scientists to solve bigger, more complex problems than ever before, faster than ever before, for solutions in energy, materials, medicine, national security, and economic competitiveness," said Dr. Thomas Zacharia, Director of Oak Ridge National Laboratory and National Commission Co-Chair.

Read more here.



Dr. Ed Seidel joins Department of Energy Advisory Committee on Computing

The U.S. Department of Energy has appointed Dr. Ed Seidel, President of the University of Wyoming, Council Member, and National Commissioner, to the Advanced Scientific Computing Advisory Committee – the group of national leaders advising the Department on scientific computing and its applications. With his background, Dr. Seidel will provide expert advice in the fields of applied mathematics, computer science, computational

science, high-performance computing facilities, and their applications to topics of national importance.

"I'm honored to become a part of this group of international leaders in computing and applications to help advance DOE's Advanced Scientific Computing Program," said Dr. Seidel. "We in Wyoming certainly understand the importance of energy in the future of our state and nation, and it's great being a part of the group advising this critical federal agency on its long-range scientific computing plans, priorities and strategies that underpin research and development in all areas of DOE's mission."



Ed SeidelPresident, University of Wyoming

Dr. Gregory Fenves receives Advocate for Higher Education Award by the Public Relations Society of America

PRSA honored Dr. Fenves, President of Emory University, Council Member, and National Commissioner, for the strong strategic communications that have furthered the mission of Emory University. Dr. Fenves resolved that all communications would come from him, rather than be sent as unsigned university announcements – thereby giving his university a distinctive and trusted voice, ensuring that "people [...], for better or worse, would always know who was responsible for the updates they were receiving," Dr. Fenves said.

Read more <u>here</u>.



Gregory FenvesPresident, Emory University

Dr. Paul Kearns delivers Purdue University's commencement address



Paul Kearns
Director, Argonne National
Laboratory

In delivering Purdue University's recent commencement speech, Dr. Paul Kearns, Director of Argonne National Laboratory, Council Member, and National Commissioner, shared with students at his alma mater his own Purdue experiences – and how they proved foundational in guiding him through different steps in his career, eventually leading to his role as Argonne Director working at the cutting edge of science and technology. "Trust that your education has prepared you for your career's path — not the destination," says Dr. Kearns.

Read the full commencement speech <u>here</u>.



Paul Dabbar
Former Under Secretary of
Science, U.S. Department of
Energy
CEO, Bohr Quantum

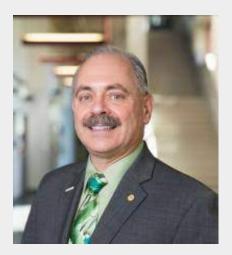
Council Distinguished Fellow Paul Dabbar sheds light on how the Chinese government steals U.S. technologies

In a recent Wall Street Journal Op-Ed, the Hon. Paul Dabbar – former Under Secretary of Science at the U.S. Department of Energy, CEO of Bohr Quantum, and Council Distinguished Fellow – outlines continuous efforts by the Chinese government to tap into the U.S. innovation ecosystem – particularly in research fields like strategic weaponry, quantum computing, and Al. He describes four orders developed during his tenure at the Department of Energy to restrict Chinese influence in the development and deployment of key U.S. innovations.

Find out more and read the full Op-Ed here.

Dr. Al Pisano, Dean of the University of California San Diego Jacobs School of Engineering, receives the Asad M. Madni Outstanding Technical Achievement and Excellence Award from The Honor Society of the Institute of Electrical and Electronics Engineers (IEEE)

Dr. Al Pisano received the Asad M. Madni Outstanding Technical Achievement and Excellence Award for his contributions to promote engineering broadly across communities and society. As Dean since 2013, Dr. Pisano has pursued and championed national, regional, and local efforts to promote engineering and computer science as a force for public good – including co-chairing one of the Council's National Commission Working Groups.



Al Pisano

Dean, University of California San Diego
Jacobs School of Engineering

The American Physical Society celebrates Morgan State University

Recently, APS named Morgan State University an "APS Historic Site" – recognizing the role the university has played as the birthplace of the National Society of Black Physicists

(NSBP) in 1977.

Read more here.

National Science Foundation Director Dr. Sethuraman Panchanathan explains why strategic R&D investments will keep the United States globally competitive



In a recent Op-Ed in The Hill, NSF Director Panchanathan highlights how strong R&D investments propelled the United States forward during the Cold War. He argues a similar urgency is at play today, requiring a major push for new R&D investments.

Dr. Panchanathan pitched a similar case during the Council's Summer 2022 meeting. Read more about both <u>the op ed</u> and his presentation before the Council's Board, Executive Committee, and National Commissioners.

New Members

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



Meghan Hughes
President, Community College of
Rhode Island



M. Elizabeth Magill President, University of Pennsylvania

Council sister organization, the Global Federation of Competitiveness Councils, hosting its annual Global Innovation Summit – Greece, November 13-18

Join the GFCC, the Council on Competitiveness, the Delphi Economic Forum, and CompeteGreece – and leaders from 40+ nations – to focus on "Building Competitiveness:

From Local to Global." Learn more <u>here</u> and contact Council EVP <u>Chad Evans</u> for additional information if interested to participate.



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