



National Commission on Innovation & Competitiveness Frontiers

Mountain West Innovation Summit

Event Book





Table of Contents

Logistics	2
Agenda	6
Participants	14
Speakers	18
Council on Competitiveness Members, Fellows and Staff	36

Logistics

Venue

The Summit will take place in the Marianne Rochelle Gateway Center at 22 S. 22nd Street in Laramie. The Gateway Center is located 8 blocks west of the Holiday Inn and just west of the Hilton Garden Inn at the corner of 22nd and Grand Avenue. The entrance is on the north side of the building.

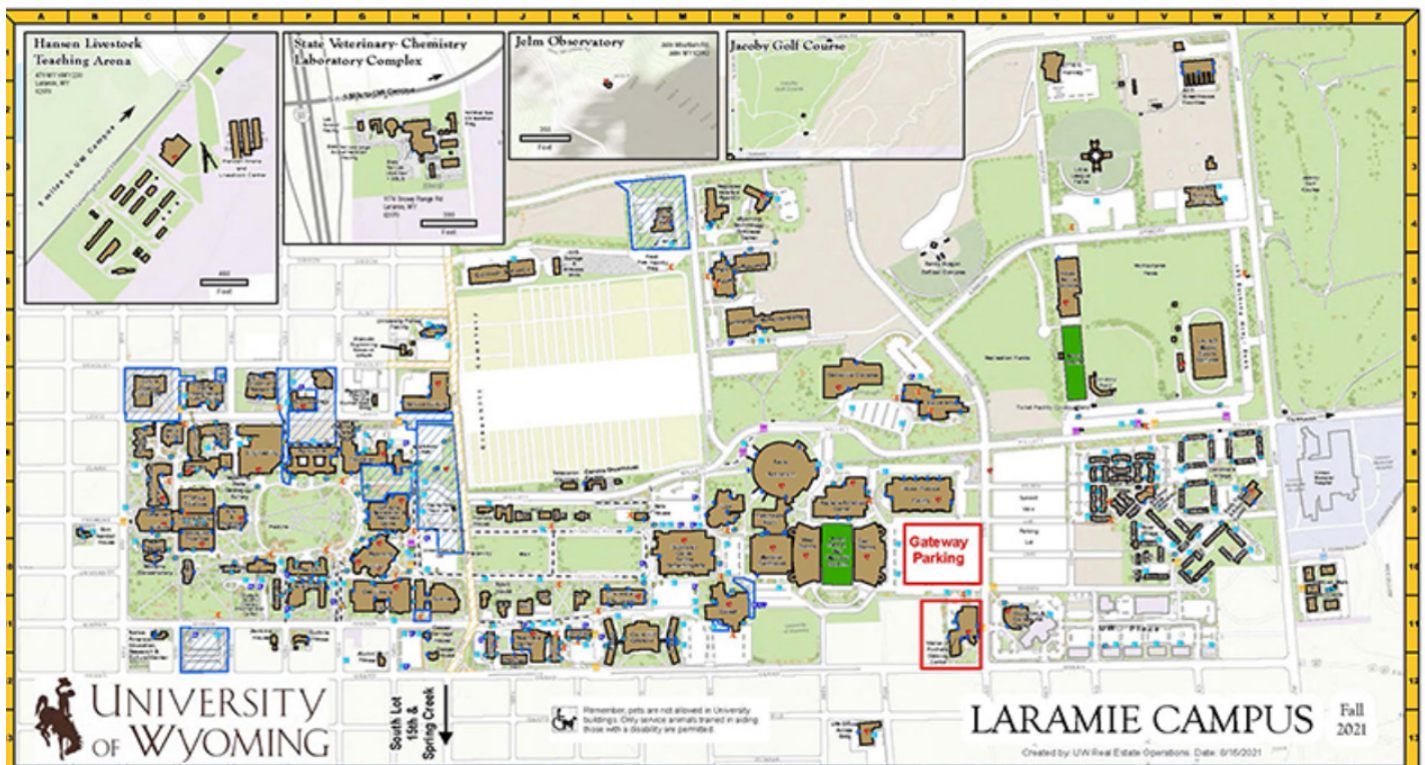
Parking

Participants can park for free in the lot north of the Gateway Center. This is a large parking lot used for football games—Go Pokes!

Map

The map below highlights in red the Gateway Center and the parking.

[Click here](#) for an interactive map of the UW Campus.



Optional Innovation Tour

The optional innovation tour will feature engineering, energy, and science innovations at the University of Wyoming at laboratories in the recently built Engineering, Education and Research Building; Energy Innovation Center; and the Science Initiative Building.

Buses for the optional innovation tour will depart at 8:30 a.m. on the north side of the Gateway Center and will return there around 11:00 a.m. The optional innovation tour will require walking approximately 10 blocks.

Weather

Typical lows this time of year are in the mid 50s Fahrenheit, and highs are in the mid 70s to low 80s.

Also, there is typically a 25-30 percent chance of afternoon rain showers.

Nearby Coffee Houses and Restaurants

Both the **Holiday Inn** (204 N. 30th St) and the **Hilton Inn** (2229 Grand Ave) serve breakfast. Holiday Inn's is a complimentary continental breakfast, and the Hilton Inn has a full breakfast menu, including a buffet.

Perkins is located adjacent to the Holiday Inn.

Coal Creek Coffee Uptown (2317 Grand Ave) is located a block south east of the Hilton.

McAllister's Deli is located south of the Hilton, 2317 Grand Ave

Additional Coffee Houses and Restaurants

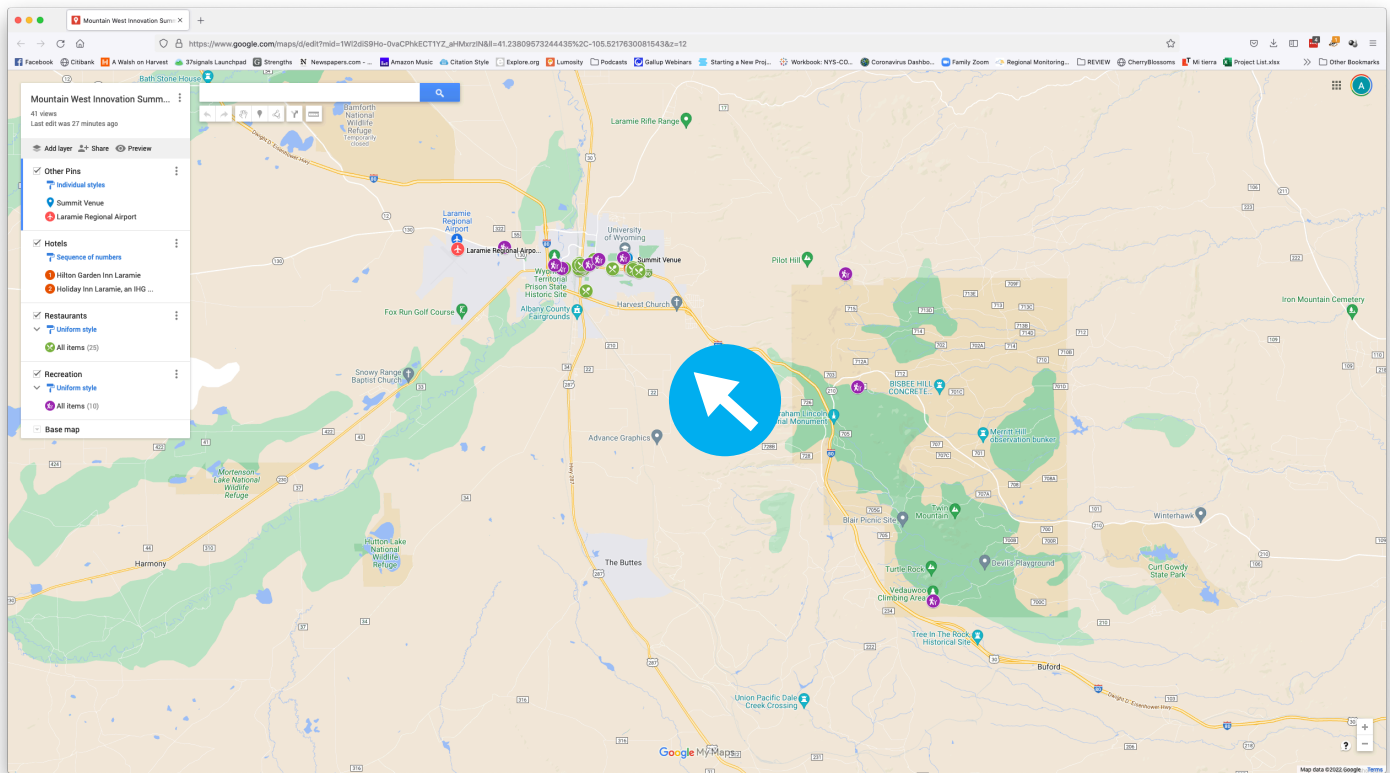
- Hambone's Pizza, 2405 Grand Ave.
- Rib and Chop House, 2415 Grand Ave.
- Chili's Grill & Bar, 2523 Grand Ave.
- Jimmy Johns, 2405 Grand Ave.
- Alibi Wood Fire Pizzeria & Bakery, 404 S 4th St.
- Altitude Chophouse & Brewery, 320 S 2nd St.
- Andale Rapido, 2900 Grand Ave.
- Anong's Thai, 101 E. Iverson
- Bonds Brewery, 411 S 2nd St.
- Crowbar and Grille, 202 S 2nd St.
- Coal Creek Downtown, 110 Grand Ave.
- Corona Village, 513 Boswell Dr.
- Jeffrey's Bistro, 123 E. Iverson Ave.
- Library Sports Bar and Grill, 201 E. Custer St.
- Lovejoy's Bar and Grill, 101 Grand Ave.
- Mizu Sushi, 307 S. 3rd St.

- Niko Sushi & Steak, 1702 Grand Ave.
- J's Prairie Rose Café, 410 S. 2nd St.
- Sweet Melissa's, 213 S 1st St.
- The Good Egg, 301 Grand Ave.
- Thai Spice, 204 S. 3rd St.
- Turtle-rock Coffee & Café, 270 N 9th St.

Recreation

- Greenbelt Trail
- Pilot Hill
- Vedauwoo
- Snowy Range
- Happy Jack & Pole Mountain
- Saratoga
- Iverson Mansion
- Territorial Prison
- Geology Museum
- Art Museum

Interactive Google Map of Local Restaurants and Areas of Interest



Agenda

DAY 1–MORNING

7:45 Registration

Location: Gateway Center Foyer (located near 116 on the Gateway map)

8:30 Optional Innovation Tour(s)

This tour will feature stops at Maker Spaces, Cybersecurity Labs and Drilling Simulator in the new Engineering Education and Research Building, the Energy Innovation Center, and the Center for Integrative Biology Research and new high-tech green houses in the new Science Building.

Tour shuttles will depart from Gateway Circle Loop at 8:30 am sharp and arrive at the Science Corridor. Shuttles will return to the Gateway Circle Loop at 11:00 am. The tour will include about 8 blocks of walking between buildings.

11:00 Registration Continues

Location: Gateway Center Foyer (located near 116 on the Gateway map)

Lunch on Your Own—please see nearby restaurants on pages 3–4

DAY 1–AFTERNOON

1:00 Launching the Mountain West Innovation Summit

Location: Gateway Salons C/D

Summit leaders formally welcome Participants to the University of Wyoming campus – and set the stage for the coming two days.

[Dr. Edward Seidel](#)

President, University of Wyoming
National Commissioner

[The Hon. Deborah L. Wince-Smith](#)

President & CEO, Council on Competitiveness
National Commission Co-Chair

1:15 Painting the Picture of the Mountain West Innovation System—Local Assets and Best Practices to Inform the National Innovation Ecosystem

Location: Gateway Salons C/D

A moderated conversation of the Summit Co-Chairs to discuss the local “geography of innovation”—challenges and opportunities to overcome in the region and add to the nation’s innovation capacity and capability—and joints goals/outcomes for the Mountain West Innovation Summit.

[Dr. Edward Seidel](#)

President, University of Wyoming
National Commissioner

[Dr. John Wagner](#)

Laboratory Director, Idaho National Laboratory
National Commissioner

Moderator[The Hon. Deborah L. Wince-Smith](#)

President and CEO, Council on Competitiveness
National Commission Co-Chair

2:00 Summit Keynote

Location: Gateway Salons C/D

[Dr. Erwin Gianchandani](#)

Assistant Director for Technology, Innovation and
Partnerships
U.S. National Science Foundation

**2:45 Past, Present, Future—Re-shaping
America’s Innovation Agenda:
Perspectives from National
Commissioners**

Location: Gateway Salons C/D

Leaders from the region and across the nation discuss the major findings to date of the National Commission on Innovation and Competitiveness Frontiers—and map key themes for its next phase of work over the coming 18 months.

[Mr. Joshua Parker](#)

Chief Executive Officer, Ancora
National Commissioner

[Mr. Steven Stevanovich](#)

Chairman & Chief Executive Officer, SGS Global
Holdings
National Commissioner

Moderator[Mr. Bill Bates](#)

Senior Advisor, Council on Competitiveness

3:45 Exploring and Testing Key Themes of the National Commission—Working Group Breakout Sessions

Summit participants will break out of plenary and into moderated conversations. These breakout sessions will help test, inform, and shape new, parallel policy-generating “Working Groups” launching later this Summer in the “National Commission on Innovation and Competitiveness Frontiers.”

Breakout Group 1

The Future of Sustainability: Accelerating Innovation in Energy Technologies

Location: Gateway Salon A

Co-Chairs

[Mr. Rich Brown](#)

Senior Vice President, Bank of America

[Dr. Holly Krutka](#)

Director School of Energy Resources, University of Wyoming

[Dr. Cindy Powell](#)

Chief Science & Technology Officer, Energy & Environment Directorate, Pacific Northwest National Laboratory

Moderators

[Mr. Bill Bates](#)

Senior Advisor, Council on Competitiveness

[Mr. John Thompson](#)

Director of Technology and Markets, Clean Air Task Force

Support Team

Ms. Nicole Gautier

Breakout Group 2

The Future of Technology: Developing and Deploying Disruptive Technologies at Scale

Location: Gateway Salon B

Co-Chairs

[Mr. Andre Doumitt](#)

Director of Innovation Development
The Aerospace Corporation

[Dr. Neil Thompson](#)

Director, FutureTech Research Project, MIT
Computer Science and Artificial Intelligence Lab &
MIT Initiative on the Digital Economy, Massachusetts
Institute of Technology

Moderator

[The Hon. Kimberly A. Reed](#)

Former Chairman of Board of Directors, President, and CEO, Export-Import Bank of the United States, and Distinguished Fellow, Council on Competitiveness

[The Hon. Deborah L. Wince-Smith](#)

President & CEO, Council on Competitiveness
National Commission Co-Chair

Support Team

Ms. Ola Raddaoui

Breakout Group 3**The Future of Work and the Workforce**

Location: Gateway Salon E

Co-Chairs

[Mr. Jonathan King](#)

Director, Labor Relations, Southern Company

[Ms. Van Ton-Quinlivan](#)

CEO, Futuro Health

Moderators

[Mr. Wesley Brown](#)

Analyst, Keybridge

[Ms. Yasmin Hilpert](#)

Senior Policy Director, Council on Competitiveness

Support Team

Mr. David James

Breakout Group 4**The Future of Place-Based Innovation:
Expanding Regional and National Innovation
Ecosystems**

Location: Legacy Hall (located at 135 on the map)

Co-Chairs

[Ms. Marsha McDaniel](#)

Senior Advisor

Idaho National Laboratory

[Dr. Penelope Shihab](#)

Director of Wyoming Center for Entrepreneurship & Innovation, University of Wyoming

Moderators

[Ms. Allison L. Hummel](#)

Chief of Staff, Idaho National Laboratory

Support Team

Mr. Cameron Schoening

**5:00 Working Group Summaries in Plenary—
Day 1**

Location: Gateway Salons C/D

Summit participants return to plenary to hear key Day 1 Breakout Session summaries.

Nominated Leader from Breakout Group 1

Nominated Leader from Breakout Group 2

Nominated Leader from Breakout Group 3

Nominated Leader from Breakout Group 4

Moderator

[Mr. Bill Bates](#)

Senior Advisor, Council on Competitiveness

5:30 Group Photo

Location: Gateway Foyer

5:45 Summit Reception

Location: Gateway Foyer

**6:30 Summit Dinner & Special Keynote from
Wyoming Governor Gordon**

Location: Gateway Salons C/D

8:15 Day 1 Concludes

Location: Gateway Salons C/D

DAY 2—MORNING

Breakfast on Your Own—please see nearby restaurants on pages 3–4

7:45–3:45 Registration/Information Desk Open

Location: Gateway Foyer (located near 116 on map)

8:30 Welcome and Launching of Mountain West Innovation Summit—Day 2

Location: Gateway Salons C/D

[Dr. Edward Seidel](#)

President, University of Wyoming
National Commissioner

8:45 Reflections and Re-Cap of Day 1, and Charge for Day 2

Location: Gateway Salons C/D

Summit Co-Hosts join President Seidel onstage to share top take-aways from Day 1 and to challenge participants to cover issues remaining “on the table.”

[Dr. Edward Seidel](#)

President, University of Wyoming
National Commissioner

Dr. John Wagner

Laboratory Director, Idaho National Laboratory
National Commissioner

Moderator

[The Hon. Deborah L. Wince-Smith](#)

President & CEO, Council on Competitiveness
National Commission Co-Chair

9:00 Summit Keynote

Location: Gateway Salons C/D

[Mr. Tony Aquila](#)

Chairman & CEO
Canoo

9:45 Re-Convene—Working Groups Day 2

Summit participants will reconvene in breakout groups, continuing a moderated conversations to shape initial recommendations and ideas to inform the National Commission on Innovation and Competitiveness Frontiers.

Breakout Group 1

The Future of Sustainability: Accelerating Innovation in Energy Technologies

Location: Gateway Salon A

Co-Chair

[Mr. Rich Brown](#)

Senior Vice President, Bank of America

[Dr. Cindy Powell](#)

Chief Science & Technology Officer, Energy & Environment Directorate, Pacific Northwest National Laboratory

Moderators

[Mr. Bill Bates](#)

Senior Advisor, Council on Competitiveness

[Mr. John Thompson](#)

Director of Technology and Markets, Clean Air Task Force

Support Team

Ms. Nicole Gautier

Breakout Group 2

The Future of Technology: Developing and Deploying Disruptive Technologies at Scale

Location: Gateway Salon B

Co-Chairs

[Mr. Andre Doumitt](#)

Director of Innovation Development
The Aerospace Corporation

[Dr. Neil Thompson](#)

Director, FutureTech Research Project, MIT
Computer Science and Artificial Intelligence Lab &
MIT Initiative on the Digital Economy, Massachusetts
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and CEO, Export-Import Bank of the United
States, and Distinguished Fellow, Council on
Competitiveness

[The Hon. Deborah L. Wince-Smith](#)

President & CEO, Council on Competitiveness
National Commission Co-Chair

Support Team

Ms. Ola Raddaoui

Breakout Group 3**The Future of Work and the Workforce**

Location: Gateway Salon E

Co-Chairs

[Ms. Robin Cooley](#)

Director, Wyoming Workforce Services

[Ms. Hope Morrow](#)

Economist & Lead for Workforce Development,
Idaho National Laboratory

Moderators

[Mr. Wesley Brown](#)

Analyst, Keybridge

[Ms. Yasmin Hilpert](#)

Senior Policy Director, Council on Competitiveness

Support Team

Mr. David James

Breakout Group 4**The Future of Place-Based Innovation:
Expanding Regional and National Innovation
Ecosystems**

Location: Legacy Hall (located at 135 on the map)

Co-Chairs

[Ms. Betsey Hale](#)

CEO, Laramie County Corporation for Economic
Development (LEADS)

[Ms. Marsha McDaniel](#)

Senior Advisor

Idaho National Laboratory

Moderator

[Ms. Allison L. Hummel](#)

Chief of Staff, Idaho National Laboratory

Support Team:

Mr. Cameron Schoening

11:15 Working Groups Break—Return to Plenary**11:30 Working Group Summaries in Plenary—
Day 2**

Location: Gateway Salons C/D

Summit participants will return to plenary – to hear Day 2 breakout summaries.

Nominated Leader from Breakout Group 1

Nominated Leader from Breakout Group 2

Nominated Leader from Breakout Group 3

Nominated Leader from Breakout Group 4

Moderator

[Mr. Bill Bates](#)

Senior Advisor, Council on Competitiveness

DAY 2—AFTERNOON**12:00 Lunch**

Location: Gateway Salons C/D

**1:00 The Future of Innovation—Plenary
Perspectives from the Mountain West and
Lessons for the National Commission on
Innovation and Competitiveness Frontiers**

Location: Gateway Salons C/D

The following short presentations—in plenary—will tease and uncover critical, future-oriented challenges and opportunities to inspire regional and national leaders.

1:00 The Future of Finance**Video Introduction “U.S. Competitiveness
in the Financial Innovation Space”**

The Hon. Cynthia Lummis

Senator of Wyoming

[Prof. Steve Lupien](#)

Director of the Center for Blockchain and Digital Innovation, University of Wyoming

[Dr. Ali Nejadmalayeri](#)

John A. Guthrie Endowed Chair of Banking and Financial Services, University of Wyoming

Moderator

[Mr. Bill Bates](#)

Senior Advisor, Council on Competitiveness

1:30 The Future of Energy

[The Hon. David Freudenthal](#)

Former Governor, Wyoming

[Mr. Gregory P. Hill](#)

President and Chief Operating Officer, Hess Corporation

National Commissioner

Moderator

[Dr. John Wagner](#)

Laboratory Director, Idaho National Laboratory

National Commissioner

2:00 The Future of Place-Based Innovation

[Dr. Sally Morton](#)

Executive Vice President, Knowledge Enterprise, Arizona State University

[Dr. Dan McCoy](#)

Director, Wyoming Outdoor Recreation, Tourism, and Hospitality (WORTH) Initiative

Moderator

[The Hon. Deborah L. Wince-Smith](#)

President & CEO, Council on Competitiveness

National Commission Co-Chair

2:30 The Future of Partnerships between Industry, Academia, the National Laboratories, and Critical Stakeholders

[Dr. Parag Chitnis](#)

Vice President for Research and Economic Development, University of Wyoming

[Dr. Marianne Walck](#)

Deputy Laboratory Director for Science and Technology and Chief Research Officer, Idaho National Laboratory

Moderator

[Dr. Edward Seidel](#)

President, University of Wyoming

National Commissioner

3:00 Next Steps for the National Commission

Location: Gateway Salons C/D

[Mr. Gregory P. Hill](#)

President and Chief Operating Officer, Hess Corporation

National Commissioner

[Dr. John Wagner](#)

Laboratory Director, Idaho National Laboratory

National Commissioner

[The Hon. Deborah L. Wince-Smith](#)

President & CEO, Council on Competitiveness

National Commission Co-Chair

[Dr. Edward Seidel](#)

President, University of Wyoming

National Commissioner

3:30 Mountain West Innovation Summit Concludes

Participants

SUMMIT CO-HOSTS

Mr. Gregory P. Hill
President and Chief Operating
Officer

Hess Corporation
[National Commissioner](#)

Dr. Edward Seidel
President
University of Wyoming
[National Commissioner](#)

Dr. John Wagner
Laboratory Director
Idaho National Laboratory
[National Commissioner](#)

The Hon. Deborah L. Wince-Smith
President & CEO
Council on Competitiveness
[National Commission Co-Chair](#)

SUMMIT KEYNOTES

Mr. Tony Aquila
Chairman & CEO
Canoo

Dr. Erwin Gianchandani
Assistant Director for Technology,
Innovation and Partnerships
U.S. National Science Foundation

The Hon. Mark Gordon
Governor of Wyoming

SUMMIT PARTICIPANTS

Dr. Gabrielle Allen
Director, School of Computing
University of Wyoming

Dr. Rick Aman
President
College of Eastern Idaho

Mr. Chad Auer
Deputy Superintendent of Public
Instruction
Wyoming Department of
Education

Mr. Robert Aylward
Vice President and CIO
University of Wyoming

Ms. Laura Baker
Executive Director
CyberWyoming

Mr. Lloyd Baker
Business Owner
Gold Spur Outfitters

Mr. Curtis Biggs
Director
University of Wyoming Trustees
Education Initiative

Dr. Mike Borowczak
Director, Cybersecurity Education
and Research Center
University of Wyoming

Dr. Sandy Caldwell
Executive Director
Wyoming Community College
Commission

Dr. Thomas Campbell
Founder & CEO
FutureGrasp, and
Senior Fellow
Council on Competitiveness

Mr. Rocky Case
Director
Manufacturing Works

Mrs. Jen Chavez
Deputy, CIO
University of Wyoming,
Information Technology

Dr. Parag Chitnis

Vice President for Research and Economic Development
University of Wyoming

Ms. Megan Clifford

Associate Laboratory Director,
Science & Technology
Partnerships & Outreach
Argonne National Laboratory

Ms. Robin Cooley

Director
Wyoming Department of
Workforce Services

Ms. Joyce Corell

Senior Technology Advisor to the
National Cyber Director
Executive Office of the President
The White House

Ms. Candace Culhane

Program/Project Director
Los Alamos National Laboratory

Dr. Kami Danaei

Academic Director
School of Energy Resources
University of Wyoming

Ms. Margaret Donoghue

Country Head
CSIRO (Commonwealth
Scientific and Industry Research
Organisation of Australia)

Mr. Shay Eliaz

Principal
Deloitte

Mr. Chad Evans

EVP, and Board Secretary and
Treasurer
Council on Competitiveness

Ms. Tara Evans

Vice President and General
Counsel
University of Wyoming

Ms. Sharon Fain

Vice President
PacifiCorp, Wyoming

Mr. Steve Farkas

Associate Vice President,
Economic Development
University of Wyoming

Mr. Justin Farley

CEO/President
Advance Casper

Comm. Fabio Ficano

Lead at Venture Studio
BootstrapLabs

Ms. Sarah Fitz-Gerald

Chief Strategy Officer
Wyoming Business Council

Mr. James Francis

Chief Operating Officer
Unlocked Labs Inc.

The Hon. David Freudenthal

Former Governor, Wyoming

Dr. Jean Garrison

Professor
University of Wyoming

Mr. Robert Godby

Interim Dean
University of Wyoming College
of Business

Mrs. Jamie Gronski

Deputy State Director
U.S. Senator John Barasso, MD

Mr. Ron Gullberg

Strategic Partnerships Director
Wyoming Business Council

Ms. Kelly Haigler Cornish

Program Manager
Wyoming SBIR/STTR Initiative

Ms. Betsey Hale

CEO
Cheyenne LEADS

Mr. Stephen Hanlon

Director, Health & Bioscience
Innovation Hub
University of Wyoming

Dr. Kyle Harfst

Associate Vice President for
Economic Development and
Innovation
University of Illinois

Ms. Lorrie Hecker

Vice President, Communications
Hess Corporation

Mr. Kyle Helland

Deputy Director for AI, Data
Analytics and Exploitation
Lockheed Martin Space Advanced
Technology Center

Ms. Diana Hulme

Associate Vice President for
Research
University of Wyoming

Dr. Allison Hummel

Chief of Staff
Idaho National Laboratory

Ms. Maria Jenks

Adjunct Professor and Director
of Finance
University of Wyoming

Mr. Paul Johnson

Associate State Director
Wyoming SBDC Network

Dr. David Jones

Dean, College of Health Sciences
University of Wyoming

Dr. Christelle Khalaf

Associate Director
University of Wyoming

Mr. Jonathan King

Director, Labor Relations
Southern Company

Ms. Karolina Klatka

College Relations Representative
School of Energy Resources,
University of Wyoming

Ms. Jill Kline

State Director
Wyoming Small Business
Development Center Network
(SBDC Network)

Dr. Kem Krueger

Dean, School of Pharmacy
University of Wyoming

Dr. Holly Krutka

Executive Director
School of Energy Resources
University of Wyoming

Mrs. Emily Leinen

SELMM Project Coordinator
Innovation Workshop

Prof. Steven Lupien

Director
UW Center for Blockchain and
Digital Innovation
University of Wyoming

Mr. Renny MacKay

Policy Director
Office of the Governor
of Wyoming

Mr. Joe Mariani

Senior Manager
Deloitte Center for Government
Insights

Dr. Daniel McCoy

Director
Wyoming Outdoor Recreation,
Tourism, and Hospitality (WORTH)
Initiative

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Idaho National Laboratory

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Economic Development
University of Texas at San Antonio

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Vice Provost for Enrollment
University of Wyoming

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Director of Strategy
Argonne National Laboratory

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Economist and Lead for
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Arizona State University

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University of Wyoming

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Wyoming Energy Authority

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Chief Executive Officer
Ancora
[National Commissioner](#)

Mr. Glenn Pauley

Director
Wyoming USDA Rural
Development

Dr. Tom Peterson

Engineering and Science Advisor
University of Wyoming

Dr. Cindy Powell

Chief Science & Technology
Officer, Energy & Environment
Directorate
Pacific Northwest National
Laboratory

Dr. Barbara Rasco

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Natural Resources
University of Wyoming

Dr. Eric Rasmussen

CEO
Infinitum Humanitarian Systems

The Hon. Kimberly Reed

Former Chairman of Board of
Directors, President, and CEO,
Export-Import Bank of the United
States, and Distinguished Fellow,
Council on Competitiveness

Mr. Jerimiah Rieman

Executive Director
Wyoming County Commissioners
Association

Ms. Jody Ruth

CEO
Redstones LLC

Mr. Fred Schmechel

Interim Director
IMPACT 307

Dr. Robert "Scott" Seville

Professor and Director
University of Wyoming/ NIH
Wyoming IDeA Networks for
Biomedical Excellence

Dr. Penelope Shihab

Director, Wyoming Center for
Entrepreneurship & Innovation
University of Wyoming

Prof. Jason Shogren

Stroock Chair of Natural Resource
Conservation and Management
University of Wyoming

Ms. Victoria Smith

Office Associate
University of Wyoming

Mrs. Emily Sorenson

Event Planner
University of Wyoming

Mr. Steven Stevanovich

Chairman & Chief Executive
Officer
SGS Global Holdings
[National Commissioner](#)

Mr. Kyle Summerfield

Interim Director
UW 3D Visualization Center
University of Wyoming

Dr. Scott Thomas

John P. "Jack" Ellbogen
Dean, College of Education
University of Wyoming

Mr. John Thompson

Director of Technology and
Markets
Clean Air Task Force

Dr. Neil Thompson

Director, FutureTech Research
Project
MIT Computer Science and
Artificial Intelligence Lab &
MIT Initiative on the Digital
Economy

Ms. Van Ton-Quinlivan

CEO
FuturoHealth

Ms. Angela Ver Ploeg

Director of Corporate Engagement
University of Wyoming Foundation

Dr. Marianne Walck

Deputy Laboratory Director,
Science and Technology, and
Chief Research Officer
Idaho National Laboratory

Mr. Joshua Watson

Account and Project Manager
Manufacturing Works

Mr. Pamitha Weerasinghe

Director, Government Relations
and External Relations
University Corporation for
Atmospheric Research

The Hon. Olin Wethington

President & CEO
Graham Biosciences LLC

Mr. Patrick Wolfinbarger

Co-Founder
CyberWyoming

Dr. Cameron Wright

Dean
College of Engineering and
Applied Science
University of Wyoming

COUNCIL TEAM**Mr. Bill Bates**

Senior Advisor
Council on Competitiveness

Mr. Wes Brown

Analyst
Keybridge

Ms. Yasmin Hilpert

Senior Policy Director
Council on Competitiveness

Speakers

[Mr. Tony Aquila](#)

[Mr. Bill Bates](#)

[Mr. Rich Brown](#)

[Mr. Wesley Brown](#)

[Dr. Parag Chitnis](#)

[Ms. Robin Cooley](#)

[Mr. Andre Doumitt](#)

[The Hon. David Freudenthal](#)

[Dr. Erwin Gianchandani](#)

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[Ms. Yasmin Hilpert](#)

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[Dr. Holly Krutka](#)

[Prof. Steve Lupien](#)

[Dr. Dan McCoy](#)

[Ms. Marsha McDaniel](#)

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[Dr. Neil Thompson](#)

[Ms. Van Ton-Quinlivan](#)

[Dr. John Wagner](#)

[Dr. Marianne Walck](#)

[The Hon. Deborah L. Wince-Smith](#)

Mr. Tony Aquila

CEO and Executive Chairman, Canoo



Tony Aquila is an American businessperson, investor, serial entrepreneur, and inventor associated with 100+ patents in the automotive, aeronautics and cybersecurity sectors. He is the Chairman, CEO, and largest investor in Canoo, an advanced mobility and technology

company with a mission to Bring EVs (Electric Vehicles) to Everyone. In 2022, Tony was appointed to the Future Mobility Council for the State of Arkansas by Governor Hutchinson.

He is also the founder of AFV Partners LLC, a long-term sustainable capital vehicle that invests globally in assets that contribute to a net positive impact on the environment. Tony has executed more than 70+ transactions with \$15bn+ in aggregate value and an industry leading return profile.

In 2005, Tony launched Solera, an automotive technology company. He took Solera public through a \$1 billion IPO in 2007 and private again in 2016, at a valuation of \$6.5 billion. During his tenure as CEO, Solera significantly expanded market share, executed more than 50 acquisitions, and employed more than 7,000 people in 90+ countries.

Tony has a “do-it-different” approach to innovation and is set to bring sustainable and purpose driven EVs to the heartlands and beyond. He is deeply rooted in his reverence for nature, affordable mobility for everyone, and helping businesses and teams succeed to make a lasting difference in the world.

Mr. Bill Bates

Senior Advisor, Council on Competitiveness



Bill Bates is a Senior Advisor to the Council on Competitiveness. He was previously an Executive Vice President with the Council and the founding Executive Director of the Global Federation of Competitiveness Councils. He has led multi-year initiatives to explore

the economic opportunity for advanced manufacturing in the United States and the development of a national cyber security agenda. Bill was also the chief architect of the Council's National Competitiveness Forum (NCF), the annual C-suite conversation that sets a pro-growth agenda for the U.S. policymakers. He is a frequent speaker both nationally and internationally on a range of competitiveness and innovation topics from education to technology policy to advanced manufacturing.

Since 2019, Bill has led the Council's University Leadership Forum to draw greater attention to higher education's role in U.S. competitiveness from leadership in game changing technologies to the development of the next generation of entrepreneurs.

As the first Executive Director of the Global Federation of Competitiveness Councils (GFCC), Bill helped establish and build a network of more than 30 competitiveness councils from around the world. He managed the Council's role as secretariat to the GFCC, oversaw membership engagement and outreach and directed the development of annual policy reports, including *Best Practices in Competitiveness Policy*.

He previously served as Director of Government Relations for the United States Telecom Association. Prior to that, he was Chief of Staff and Legislative Director to House Commerce Committee member, U. S. Congresswoman Anna Eshoo (D-CA) where

he advised the Congresswoman on a wide range of technology issues including telecommunications, biotechnology and intellectual property. Before joining Ms. Eshoo, he was an Associate with the Washington, DC-based public affairs company, Cassidy & Associates.

He holds a master's degree in government from Johns Hopkins University and a bachelor's degree in government and History from Cornell University. In his spare time, he runs ultramarathons and is a member of the Marine Corps Marathon Runners Club, having completed the race seven times.

Mr. Rich Brown

Senior Vice President, Global Environmental Group
Bank of America



Rich Brown serves as senior vice president in the Global Environmental Group at Bank of America. The group is responsible for all environmental sustainability for the company, which includes strategic direction for business activities such as climate finance, operational initiatives, employee programs, corporate policy and governance, philanthropy and supporting the United Nations Sustainable Development Goals. In that role, Brown is responsible for environmental business development, marketing initiatives, managing the bank's partnerships with national and international environmental organizations, and Bank of America's My Environment employee engagement program. He is a 28-year veteran of Bank of America. Prior to joining Bank of America, Brown was legislative aide to then-Congressman (now U.S. Senator) Ron Wyden. Brown earned a bachelor's degree in political science from the University of Oregon. Bank of America is a founding member of the Strategic Energy Alliance at Stanford.

Mr. Wesley Brown

Analyst, Keybridge



Wes is an Analyst at Keybridge, where he specializes in technology and innovation policy, data analytics, and program evaluation. He is experienced in conducting detailed research and applying sophisticated analytical approaches to a wide range of policy issues including artificial intelligence, broadband buildout, infrastructure investment, and natural disaster risk assessment.

While at Keybridge, Wes has supported the work of the Innovation & Technology and Infrastructure policy committees at an association of CEOs from the nation's leading companies. His contributions include research and drafting support for reports and policy recommendations, administration of numerous membership-wide surveys, and a modeling study estimating the macroeconomic returns on investment in U.S. infrastructure. Wes has also provided analytic support for program evaluations and strategic decision-making efforts undertaken by FEMA's National Flood Insurance Program and Health & Human Services' Administration for Community Living.

Wes holds a Bachelor's degree from Princeton University, with Honors, from the Princeton School of Public and International Affairs.

Dr. Parag Chitnis

Vice President for Research and Economic Development, University of Wyoming



Dr. Chitnis is the recently appointed vice president for research and economic development at the University of Wyoming. From 2014 until coming to UW, Chitnis was a leader at U.S. Department of Agriculture's National Institute of Food and

Agriculture (NIFA) from 2014 to 2022, holding positions including associate director; acting director; deputy director of food production and sustainability; and associate director for operations.

Ms. Robin Cooley

Director, Wyoming Workforce Services



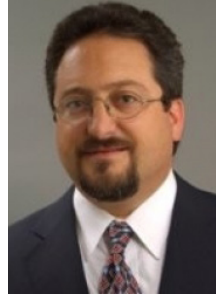
Robin Sessions Cooley is the Wyoming Director of Workforce Services. She was appointed to the position in February 2019 by Governor Mark Gordon (R), replacing John Cox.[1]

Cooley is a former member of the Wyoming Public Service Commission. She was appointed to the commission by Governor Matt Mead (R) effective March 16, 2017. On February 14, 2019, it was announced that she has been appointed as director of the Wyoming Department of Workforce Services.

Prior to joining the Wyoming Public Service Commission, Sessions Cooley worked as an attorney in private practice, as a deputy attorney general, and as a special counsel to Governor Matt Mead (R).

Mr. Andre Doumitt

Director of Innovation Development, iLab, The Aerospace Corporation



Andre Doumitt is the Director of Innovation Development in the iLab at The Aerospace Corporation. Previously he served as president and founder of Digital AdopXion LLC, a consulting company focused on transitioning R&D technology in the airborne

and space-based data collection and processing domain into new commercial and military programs. Doumitt served as President and CEO of Geosemble Technologies, an In-Q-Tel funded start-up spun out of the University of Southern California's Computer Science department. Geosemble developed and sold technology to automatically integrate open source text into satellite imagery and maps, and was acquired in 2012.

Previous to that role, Doumitt spent five years with BAE Systems in a variety of executive management roles focused on fly-by-wire flight control systems, integrated GPS/navigation sensor systems and digital map systems with U.S. and international aircraft operators. Before that, Doumitt spent two years with the Italian/U.S. joint venture Bell Helicopter/Agusta Aerospace, and four years with The Boeing Company developing industrial relationships with international suppliers for Boeing's military and civilian helicopter programs.

Doumitt spent three years as a principal of technology start-up company Ecotech International where, as Director of Business Development, he created new joint ventures and licensing agreements for his U.S.-based commercial customers. As a technology start-up, Ecotech was part of the Arizona Technology Incubator and it successfully graduated from that program. Doumitt has also held several international positions, including a market research consulting

role at an Australian research firm based in Hong Kong; a Japanese prefectural government position in Tokyo; a consular support staff role at the U.S. Embassy in Paris; and positions at the U.S. Department of Commerce and with the Coordinating Committee for Multilateral Strategic Trade Control.

The Hon. David Freudenthal

Former Governor, Wyoming



Dave Freudenthal was born on October 12, 1950 in Thermopolis, Wyoming. He earned a BA in economics at Amherst College in 1973 and a JD degree from the University of Wyoming in 1980. He was elected Governor of Wyoming in 2002; and was re-elected

in 2006. Prior to being elected Governor, Dave Freudenthal was: United States Attorney, United States Department of Justice, 1994-2001, Lawyer, Herschler, Freudenthal, Solghug & Bonds, 1980-1994, Administrative Aide, Wyoming Governor's Office, 1977-1980, State Planning Coordinator, Wyoming Governor's Office, 1975-1977, Economist, Wyoming Department of Economic Planning and Development, 1973-1975 Tank Builder, National Brotherhood of Boilermakers and Blacksmiths Union Oil Rig Worker.

As Governor, one of Dave Freudenthal's main goals was to establish and secure funding for a Wildlife and Natural Resources Trust Fund which would provide millions of dollars for habitat protection and improvement over many years to come. Today, the Wildlife Trust Fund currently has almost \$100 million of a \$200 million goal.

Two of the most critical wildlife issues facing Wyoming while he was Governor include the Endangered Species Act (ESA) listing of the Grey Wolf, which had been re-introduced to Yellowstone National Park

before the administration took office, and the Greater Sage Grouse possible ESA listing, which had and still has the potential of shutting down energy development in much of the state, and would bring Wyoming's income stream to a trickle. The sage grouse issue is an example of the balance that must be maintained. Governor Freudenthal, in 2003, formed a Sage Grouse team, and whose work resulted in a 2010 federal decision to not list the bird, but to put it on a "watch list," meaning it could be listed at some time in the future. In 2007, with a lawsuit pending over the U.S. Fish and Wildlife's decision not to list the greater sage grouse as endangered, the administration began to map the bird's habitat. Within those mapped "core areas," the state has tightly restricted oil, gas and wind development, all thought to disrupt grouse breeding. Listing of the Greater Sage Grouse as an Endangered Species would have subjected 83 percent of gas producers to new regulations.

Wyoming state government is funded primarily by energy production revenues, much of which is produced from public lands. About half the land in Wyoming is publicly owned. That necessitates a working relationship with the Bureau of Land Management, U.S. Fish and Wildlife Service, U.S. Forest Service, National Park Service and others. Additionally, many Wyomingites are users of outdoor recreation and hunting and fishing. Because of the importance of energy development and public use of public lands, the administration formed relationships with key federal personnel and continually worked on those relationships. Wyoming Bureau of Land Management Director Don Simpson said this state is now in the enviable position of having other states look to it as to how federal-state relationships can work to facilitate a broad range of public lands challenges. No other state had established as close a working relationship with the BLM, he said.

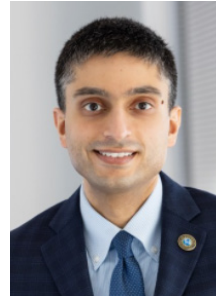
The administration also worked with federal managers to allow the state to use what is called “off-site” mitigation for wildlife species. Due to the efforts of the Governor, companies involved in energy development in Sublette County provided millions of dollars in mitigation to address impacts to wildlife and their habitat that occurred as a result of oil and gas development. These dollars are held in an escrow account administered by Wyoming Wildlife—The Foundation and dispersed as requested by the coalition of energy companies, various state agencies, and the Bureau of Land Management known as the Pinedale Anticline Project Administration (PAPA).

By statute, the governor can receive up to 20 complimentary big game licenses each year. At the beginning of his term as Governor, he turned his big game licenses over to the Wyoming Governor’s Big Game License Coalition and Wyoming Wildlife—The Foundation to administer on behalf of the Governor’s Office. The Foundation and Coalition has continued to administer the licenses for the last 9 years. Proceeds from the sales of the licenses goes toward Wyoming wildlife and habitat projects. Proceeds from the sale of Governor Dave Freudenthal’s big game licenses recently topped \$3 million.

In addition to the myriad of accomplishments made by Dave Freudenthal while he was governor, he was always an advocate and ambassador for the wild things and wild places that make Wyoming such a special place. Dave now works for Crowell & Moring, LLP and is on the Board for Arch Coal. He is also an arming faculty member teaching at the University of Wyoming. Nancy is a Federal District Court Judge. Dave and Nancy have four children—Don, Hillary, Bret and Katie.

Dr. Erwin Gianchandani

Assistant Director for Technology, Innovation and Partnerships, U.S. National Science Foundation



Dr. Erwin Gianchandani is the U.S. National Science Foundation’s assistant director for Technology, Innovation and Partnerships, leading the newly established TIP Directorate.

Gianchandani has worked at NSF since 2012. Prior to becoming the assistant director for TIP, he served as the senior advisor for Translation, Innovation and Partnerships for over a year, where he helped develop plans for the new TIP Directorate in collaboration with colleagues at NSF, other government agencies, industry and academia.

During the previous six years, Gianchandani was the NSF deputy assistant director for Computer and Information Science and Engineering, twice serving as acting assistant director for CISE. Gianchandani’s leadership and management of CISE included the formulation and implementation of the directorate’s \$1 billion annual budget, strategic and human capital planning, and oversight of day-to-day operations for a team of over 130.

Gianchandani has led the development and launch of several new NSF initiatives, including the Smart & Connected Communities program, Civic Innovation Challenge, Platforms for Advanced Wireless Research, and the National Artificial Intelligence Research Institutes.

Before joining NSF in 2012, Gianchandani was the inaugural director of the Computing Community Consortium, providing leadership to the computing research community in identifying and pursuing bold, high-impact research directions such as health information technology and sustainable computing.

Gianchandani has published extensively and presented at international conferences on computational systems biology. He holds a bachelor's degree in computer science and master's and doctoral degrees in biomedical engineering, all from the University of Virginia.

In 2021, Gianchandani received the Distinguished Presidential Rank Award, awarded to members of the Federal Government's Senior Executive Service for sustained extraordinary accomplishment. In 2018, he was awarded the Outstanding Young Engineering Graduate Award from the University of Virginia.

The Hon. Mark Gordon

Governor of Wyoming



Mark Gordon grew up on the family ranch in Wyoming where he learned the values of hard work and integrity and the importance of working together. As Governor, he brings those values to the table and his commitment to ensuring that Wyoming must always be

a place where its citizens can pursue their dreams while retaining its unique character. He is a strong believer that Wyoming must chart its own course and he is a steadfast defender of its interests to do so.

As a conservative, Governor Gordon has worked tirelessly to set Wyoming on a sustainable fiscal path. He is committed to making government more transparent, accessible, productive and efficient. He believes government is best when it is closest to the people and is committed to giving local communities the tools they need to thrive. He is a staunch advocate of quality education for all children from bottom to top, K-12 through all forms of post-secondary education, private and public.

Governor Gordon served as Wyoming State Treasurer from October 2012 until January 2019 when he was sworn in as Governor. In his time in office, he transformed and modernized the management of the

state's financial portfolio. This work was recognized when the Peterson Institute ranked Wyoming number one in the United States and third in the world among all sovereign funds.

Elected Governor in 2018, he has successfully led his state through two of its most significant challenges in decades: the COVID crisis and the largest decline in mineral revenue in the state's history. He has spearheaded efforts to diversify Wyoming's economy in technology, finance, agriculture, energy, research, education, tourism, carbon capture and sequestration as well as making it an exceptional place to raise kids.

Governor Gordon and his wife Jennie have four grown children, Anne, Aaron with wife Megan, Bea with husband Austen, and Spencer with wife Sarah, their son Everett, and just recently, twin daughters Violet and Eloise.

Ms. Betsey Hale

CEO, Laramie County Corporation for Economic Development (LEADS)



Betsey Hale began as CEO of Cheyenne LEADS in April of 2020.

Betsey most recently served as the President of Three Rivers Development Corporation located in Corning, NY. Three Rivers is a 54-year-old economic and community development organization that serves a three-county region in the Finger Lakes Wine Country. Prior to her work in New York State, Betsey was the Business Development Manager for the City of Loveland, Colorado from 2006-2011 and their Economic Development Director from 2011-2015. Hale earned the designation of Certified Economic Developer (CEcD) from the International Economic Development Council in 2020.

Mr. Gregory P. Hill

President and Chief Operating Officer, Hess Corporation, and [National Commissioner](#)



Greg Hill is President and Chief Operating Officer of Hess Corporation, a global independent energy company engaged in the exploration and production of crude oil and natural gas.

Hess is a leading shale oil and gas producer and a leader in deepwater production and development. Its global portfolio is focused in five strategic areas: onshore North America; deepwater Gulf of Mexico, the North Sea, offshore West Africa, and offshore Malaysia. The company is also engaged in exploration and appraisal activities in the Gulf of Mexico, Guyana, Australia and Nova Scotia.

Prior to joining Hess in 2009, Mr. Hill spent 25 years at Shell in a variety of operations, engineering, technical and business leadership roles in Asia Pacific, Europe and the United States.

This included serving as Executive Vice President—Exploration and Production of Singapore-based Shell Asia Pacific, Vice President of Production for Shell E&P Europe, and Senior Vice President of Aera Energy, a California-based joint venture affiliate of Shell and Mobil.

Mr. Hill holds a bachelor's degree in Mechanical Engineering from the University of Wyoming. He is co-chair of the Wyoming Governor's Energy, Engineering, STEM Integration Task Force and the Secretary of the University of Wyoming's Foundation Board of Directors. He also is a member of the 2017 Super Bowl Host Committee, a Board member of the Greater Houston Partnership, and a member of the Blue Ribbon Panel on Sustaining America's Diverse Fish and Wildlife Resources created in 2014 by the Association of Fish and Wildlife Agencies (AFWA).

Ms. Yasmin Hilpert

Senior Policy Director, Council on Competitiveness



Yasmin Hilpert joined the Council on Competitiveness from its sister organization, the Global Federation of Competitiveness Councils (GFCC), where she has served as the Senior Director of Policy and Engagement since 2017. Yasmin comes from an extensive labor

background, with experience in strategic development, labor issues and workforce development. She brings close to ten years of experience as a trainer and educator with a vocational training institute in Germany. With an interdisciplinary background in political science and metropolitan industrial policy with a focus on Industry 4.0, she worked as a strategic advisor to human rights and labor organizations to develop strategies for Industry 4.0 and work-force automation in light of technology innovation. As an advisor to labor leaders, she engaged in high-level negotiations on a national and European level with employers and multi-national corporations, and is regularly invited as a contributor to meetings of labor, business and government leaders in Germany, the UK and the EU as a whole. She is an expert on metropolitan and regional development, innovation infrastructure and sustainable industrial policy.

Ms. Allison L. Hummel

Chief of Staff, Idaho National Laboratory



Ms. Hummel became the chief of staff at Idaho National Laboratory in January 2022. In this role, she helps improve the efficiency and effectiveness of the laboratory director and the laboratory director's office. Prior to this role, she was communications lead for INL's

Institutional Planning and Programs Office where she was responsible for the annual Laboratory Plan and Laboratory Agenda.

Before joining INL in February 2020, Ms. Hummel spent a year and a half supporting the National Nuclear Security Administration's Office of Defense Nuclear Nonproliferation as a communications and public relations specialist with Battelle Memorial Institute. She was also the protocol officer at Oak Ridge National Laboratory for five years. Previously, she worked to support the U.S. Embassy in Lusaka, Zambia, and was an attorney at the Federal Energy Regulatory Commission.

Ms. Hummel has a Juris Doctor and a master's in anthropology from the University of Minnesota, and a bachelor's in anthropology and classical archaeology from Dartmouth College.

Mr. Jonathan King

Director, Labor Relations, Southern Company



Jonathan King is the director of Labor Relations for Southern Company Gas, a Southern Company subsidiary, where he provides strategic direction and fosters the relationship with the International Brotherhood of Electrical Workers (IBEW) in Georgia and Virginia.

He partners across the company to ensure consistency and transparency with the covered workforce partnership and developing the trade skills for the workforce of the future.

Prior to this role, Jonathan provided strategic support to the External Affairs and Human Resources functions, serving as the chief of staff to the executive vice president and chief external and public affairs officer as well as vice president of Human Resources. He began his career as a benefits consultant with Aon.

Jonathan earned an MBA from the University of Tennessee Chattanooga and a Bachelor of Business Administration degree with a concentration in finance from Georgia Southern University.

Dr. Holly Krutka

Director School of Energy Resources, University of Wyoming



Holly Krutka is the Executive Director of the School of Energy Resources at the University of Wyoming. She came to the university after serving as the Vice President for coal generation and emissions technologies at Peabody, the world's largest private-sector coal producer. Dr. Krutka has spent much of her career focusing on technology and policy pathways to advance carbon capture as well as identifying nontraditional coal-consumption opportunities. Before joining Peabody, she worked as a senior research and development analyst for Tri-State Generation and Transmission, an electric generation and transmission cooperative based in Westminster, Colo.; as executive editor of Cornerstone, The Official Journal of the World Coal Industry, employed by the Chinese state-owned energy company Shenhua Group; and as a research scientist and senior research engineer with ADA Environmental Solutions in Highlands Ranch, Colo., where she was tasked with launching a carbon capture research program. In her various roles, Dr. Krutka holds three patents, has served in leadership positions in the National Coal Council and the Carbon Utilization Research Council, has participated in the Carbon Capture Coalition and as a judge on the NRG COSIA Carbon XPRIZE competition.

Dr. Krutka holds a bachelor's degree, graduating magna cum laude, and a Ph.D. from the University of Oklahoma, both in chemical engineering. She is originally from Tahlequah, Oklahoma.

Prof. Steve Lupien

Director of the Center for Blockchain and Digital Innovation, University of Wyoming



Steve Lupien is an accomplished executive with over 30 years of cross-functional leadership experience in industry-diverse public, private, and NFP organizations, spanning high technology, consumer packaged goods, and business services. He was also

the founder and advisor for The Digital Asset Trade Association (DATA), the leading advocacy group for Distributed Ledger Technology. Mr. Lupien helps to shape public policy issues to support the growth of digital assets (utility/consumer/security), smart-contracts, digital currencies and the new token economy. His most recent project, Beefchain, whose mission is to create a new “rancher-centric” supply chain utilizing blockchain technology to recapture the value now realized by third-party feedlots and processors.

Dr. Dan McCoy

Director, Wyoming Outdoor Recreation, Tourism, and Hospitality (WORTH) Initiative



Dan McCoy joined the Haub School in 2017 as Associate Lecturer and Degree Coordinator. He has extensive experience in the fields of outdoor leadership, education, and recreation. He ran the University of Wyoming Outdoor Program from 1999 to 2017,

building it into a first-class resource for outdoor equipment rentals, outings, and trainings for UW students, staff, and faculty and overseeing the Half Acre Gymnasium climbing wall. As Assistant Director of Campus Recreation, starting in 2008, Dan oversaw aquatics, safety training, fitness programs, personal training, and facility operations. In addition, he was part of the planning team for an award winning \$31.5 million renovation and addition to Half Acre Recreation and Wellness Center.

Dan helped create the Outdoor Leadership Minor and the Outdoor Recreation and Tourism Management Degree in the Haub School. In addition, Dan has been an instructor for the UW Department of Kinesiology and Health, a board member of the Association of Outdoor Recreation and Education (AORE), a member of the City of Laramie Parks, Trails, and Recreation Master Plan Advisory Committee, and the Wyoming State Advocate for the Center for Outdoor Ethics, Leave No Trace. Prior to his time at UW, Dan worked for the Wilderness Institute in Missoula as a Field Instructor, Longacre Expeditions as a Course Director, and Sweet Briar College as the Outdoor Program and Student Activities Coordinator.

Ms. Marsha McDaniel

Senior Advisor, Idaho National Laboratory



Marsha McDaniel serves as Senior Advisor and Economic Development Director for the Idaho National Laboratory. In her current role, McDaniel leads the laboratory's efforts to develop an innovation district and promote technology-based economic

development. McDaniel also coordinates the laboratory's environmental justice efforts.

McDaniel previously served as a United States diplomat focused on trade promotion, with assignments at the U.S. Embassy in Beijing, China, the U.S. Consulate in Hong Kong, China, and the U.S. Consulate in Mumbai, India. McDaniel received numerous awards and honors during her diplomatic service, including a Meritorious Honor Award from the U.S. Department of State.

McDaniel's civic leadership includes service on the advisory boards of the Idaho Women's Business Center, the Shoshone-Bannock Tribes Community Development Financial Institution, and the Idaho Economic Development Association. She also serves as a co-chair of Leadership Idaho Falls with the Greater Idaho Falls Chamber of Commerce.

McDaniel holds a B.A. in International Affairs from George Washington University and an M.A. in Government from Johns Hopkins University. In addition, she studied Mandarin Chinese at the U.S. Department of State Foreign Service Institute.

Ms. Hope Morrow

Economist & Lead for Workforce Development,
Idaho National Laboratory



Hope Morrow is Idaho National Laboratory's resident Labor Economist leading regional and community workforce development strategies for the lab. Hope comes to INL with vast experience, following her years of service with the Department of Labor in both

Idaho and Utah. Hope has been appointed to Idaho's Workforce Development Council by Idaho Governor Brad Little and serves as the Council's Policy Committee Chair. Hope co-chairs Idaho's Nuclear Contractor Consortium, where she leads the industry, education partners, and leadership to make data-driven decisions, especially regarding workforce and economic needs. In addition, she connects partners across the state and nation on workforce development topics, labor market analysis, and community college development strategies.

Hope is a native Washingtonian and a graduate of Eastern Washington University. Hope and her partner live in Boise, Idaho, where they coach local girls' sports programs and raise their three dogs.

Dr. Sally Morton

Executive Vice President, Knowledge Enterprise,
Arizona State University



Sally C. Morton is a statistician and the executive vice president of Arizona State University's Knowledge Enterprise. In that role, she advances the university's research priorities and drives corporate engagement, economic development, global initiatives, strategic partnerships, and technology transfer on behalf of the university.

Dr. Morton's career has spanned academia and industry. She most recently served as dean of the Virginia Tech College of Science and interim director of the Fralin Life Sciences Institute, also at Virginia Tech. She has also held leadership roles at the University of Pittsburgh, as chair of the Biostatistics Department; at RTI International, as vice president for statistics and epidemiology; and at the RAND Corporation as head of the statistics group.

Dr. Morton is recognized globally in the use of data science in healthcare. She has a particular focus on patient-centered outcomes research: solving problems that patients themselves identify, to improve healthcare systems and allow patients, their families and providers make better health care decisions. She has been involved in projects across a wide range of topics, including healthcare quality, homelessness, mental health and substance abuse.

Her expertise as a statistician includes evidence synthesis, meta-analysis and patient-centered comparative effectiveness research. She was the 2009 president of the American Statistical Association (ASA) and 2013 chair of the statistics section of

the American Association for the Advancement of Science (AAAS). She is a fellow of the ASA and of the AAAS, and an elected member of the Society for Research Synthesis Methodology and the International Statistical Institute (ISI).

Dr. Morton received a PhD in statistics from Stanford University, where she also earned master's and bachelor's degrees, and she holds an MSc in statistics from the London School of Economics.

Dr. Morton is a professor in the College of Health Solutions and the School of Mathematical and Statistical Sciences, and she holds the Florence Ely Nelson Chair. She joined ASU in February 2021.

Dr. Ali Nejadmalayeri

John A. Guthrie Endowed Chair of Banking and Financial Services, University of Wyoming



Ali Nejadmalayeri, Ph.D., CFA holds the John A. Guthrie Chair in Banking and Financial Services at the College of Business of the University of Wyoming. Prior to joining UW, he held the ONEOK Chair in Finance and Jay and Fayenelle Helm Professorship

in Business at Spears School of Business of Oklahoma State University. Concurrently, he was also the finance Ph.D. program director. Between 2001 and 2006, he was an assistant professor of finance and the finance area coordinator at the College of Business Administration of the University of Nevada-Reno. He has taught a wide range of undergraduate and graduate (MBA and doctoral) finance courses about bank management, markets and institutions, portfolio management, investment theory, and corporate finance. He coached OSU's trading

team. He was the faculty advisor to student-managed fund at the University of Nevada-Reno. His teaching efforts have earned him a number of nominations for best teacher awards over the years. Just before joining the University of Wyoming, he won the coveted "2017 Merrick Foundation Teaching Award on the American Free Enterprise System" at OSU.

Nejadmalayeri has published in major finance and economics journals, including the *Review of Finance*, the *Journal of Business*, the *Journal of Banking and Finance*, the *Journal of Corporate Finance*, the *Journal of Real Estate Finance and Economics*, and the *Journal of the Academy of Marketing Science*. His recent published research deals with the interaction of corporate decisions (taxes, advertising, etc.) and the corporate bond pricing. His research has been recognized with numerous awards and accolades including Spears Poole Research Award (2012, 2013, 2015), McGraw-Hill/Irwin Distinguished Paper Award MBAA 2005, and Nevada Alpha Chapter of BETA GAMMA SIGMA 2003 Researcher of the Year Award. the most recent being the prestigious "2016 OSU-Tulsa President's Outstanding Researcher of the Year" award. Nejadmalayeri currently serves as an associate editor for Global Finance Journal ("A" ranked in the Australian Business Deans Council (ABDC) Journal Quality List).

Nejadmalayeri holds a Ph.D. in Finance from the University of Arizona, an M.B.A. degree from Texas A&M University and, a Bachelor of Science degree in Electrical Engineering from the University of Tehran.

Mr. Joshua Parker

Chief Executive Officer, Ancora, and [National Commissioner](#)



Josh Parker is Ancora's Founder, Chairman and Chief Executive Officer. He leads the Board of Directors and sits on the firm's Investment Committee. As Chairman and CEO, he is responsible for overseeing all firm strategy, policies and procedures as well

as day-to-day operations.

A national leader in the anchor institution, life sciences, and innovation real estate sectors, he has unique real estate experience spanning adaptive re-use, urban redevelopment, innovation and entrepreneurship initiatives, university-leased real estate and mixed-use development.

After a stint in NY theatre, Josh began his real estate career in Durham, NC. In the two decades since as a serial entrepreneur, he experienced industry success that includes developing a combined 3.5 million square feet totaling over \$2 billion in value.

While leading Ancora, Josh remains committed to public service. He has served in a variety of roles for non-profit and government appointed positions. He is currently a member of the Selective Service Board (local board member), full member of the Urban Land Institute serving as Vice-Chair of the University Development & Innovation Council, a member of the Economic Club of Washington, DC, a member of the Council on Competitiveness and Commissioner on the National Commission on Innovation and Competitiveness Frontiers.

He is a graduate of North Carolina Central University.

Dr. Cindy Powell

Chief Science & Technology Officer, Energy & Environment Directorate, Pacific Northwest National Laboratory



Dr. Cynthia (Cindy) Powell assumed the role of Chief Science and Technology Officer, for PNNL's Energy and Environment Directorate effective October 1, leading the scientific, technology and engineering vision for the directorate. Cindy joined PNNL in June 2017

as the Division Director for the Energy Processes and Materials Division. As Division Director, Cindy helped steward and grow the division's deep capabilities in science and engineering to create and deliver real-world solutions for clean and secure energy. She stewarded capabilities in key research areas including advanced energy systems, applied materials and manufacturing, battery materials and systems, and chemical and biological processing.

Previously, Dr. Powell worked for DOE's National Energy Technology Laboratory (NETL) as researcher, line manager, Chief Research Officer, and as the Executive Director for Research & Innovation. These R&D activities included leading 400 multidisciplinary staff at research locations in Pennsylvania, West Virginia, and Oregon. In 2016, Dr. Powell received the DOE Secretary's Achievement Award for her efforts in leading the research effort at NETL. In addition, she is the recipient of an R&D 100 Award for BlackGold®, an erosion-resistant coating for turbine compressor air foils, in partnership with MDS Coating Technologies and Delta Airlines; and a Carnegie Science Award for Corporate Innovation for the creation and implementation of the NETL-Regional University Alliance with five universities.

As a materials research engineer, she is an accomplished author with multiple publications, patents, and presentations. Dr. Powell earned her B.S. and M.S. degrees in Ceramic Engineering at Clemson University and her Ph.D. in Materials Science at Case Western Reserve University.

The Hon. Kimberly A. Reed

Former Chairman of Board of Directors,
President, and CEO
Export-Import Bank of the United States, and
Distinguished Fellow
Council on Competitiveness



Kimberly Reed was the first woman to serve as Chairman of the Board of Directors, President, and CEO of the Export-Import Bank of the United States (EXIM)—the nation's official export credit agency—where she worked to help companies succeed in the competitive global marketplace.

Ms. Reed currently is a Council on Competitiveness Distinguished Fellow. She also serves on the Board of Directors of Momentus (NASDAQ: MNTS)—an emerging growth space infrastructure company that plans to offer services to support the growing space economy and enable the commercialization of space—and is a nominee for the Board of Directors of Takeda (TSE: 4502/NYSE: TAK), a Fortune Global 500 biopharmaceutical company.

Recognized as one of the “100 Women Leaders in STEM” and “Most Powerful Women in Washington,” Ms. Reed received the U.S. Department of Defense's highest civilian award—the Medal for Distinguished Public Service, is a National Association of Corporate Directors (NACD) Certified Director, and Council on Foreign Relations Life Member.

During her tenure as EXIM Chairman, Ms. Reed oversaw \$135 billion in financing authority for loans, guarantees, and insurance to support the export of U.S. goods and services to a potential 189 countries. She worked with high-level government officials, financial institutions, and insurance companies in the United States and around the world.

She previously served as President of the International Food Information Council Foundation, Senior Advisor to U.S. Treasury Secretaries John Snow and Henry Paulson, CEO of the Community Development Financial Institutions Fund, Counsel with the U.S. Congress, and Vice President for Financial Markets Policy Relations at Lehman Brothers.

Reed earned her J.D. from West Virginia University College of Law and B.S. in biology and government from West Virginia Wesleyan College.

Dr. Edward Seidel

President, University of Wyoming, and [National Commissioner](#)



Edward Seidel is the 28th President of the University of Wyoming. He is a distinguished academic known internationally for scientific excellence, bold vision and dynamic and collegial leadership with a track record of advancing scientific research, technology

development and economic progress at the university, state, and national levels. A seasoned administrator, he has developed and overseen transformative academic, research, and innovation programs at multiple universities (LSU, Skoltech, Illinois, Wyoming), research institutes (Albert Einstein Institute), and at NSF.

Seidel is a fellow of the American Physical Society and the American Association for the Advancement of Science, and has earned international awards for his work in physics, computational science, and economic development, including the 2006 IEEE Sidney Fernbach Award (computational physics), the Association for Computing Machinery's 2001 Gordon Bell prize (computer science), the 1998 Heinz Billing Prize of the Max Planck Society (numerical relativity and collaborative software), and the 2018 Business Leadership Award of the America-Israel Chamber of Commerce (economic development).

Dr. Penelope Shihab

Director of Wyoming Center for Entrepreneurship & Innovation, University of Wyoming



Penelope is the CEO and founder of Jordan Company for Antibody Production (MonoJo Biotech), a leading biotech company in the Arab region. She is also the director of Center for Entrepreneurship and Innovation at the University of Wyoming.

Mr. Steven Stevanovich

Chairman & Chief Executive Officer, SGS Global Holdings, and [National Commissioner](#)



Mr. Steve G. Stevanovich is a Co-Founder and Executive Chairman of Skyworks Aeronautics Corp. He led the \$210 million acquisition of the assets of Groen Brothers Aviation Inc. into what ultimately became Skyworks Aeronautics Corp.

Mr. Stevanovich is also the Founder, Chairman, and CEO of Lonford Global as well as the Epsilon, Westford and SGS family of funds, which he founded in 1997 and which hold control investments in a number of technology companies in various industries.

He launched his first fund, the Epsilon Global Active Value Fund ("EGAVF"), in 1997 and soon followed up with EGAVF II and EGAVF III as well as the Westford Special Situations Funds I & II, along with other additional Funds and other investment vehicles. Since inception, Mr. Stevanovich has invested over \$6 billion via his various investment vehicles. Though the Funds employ multiple investment strategies, a main focus has been an event-driven, hands-on activist strategy, that is particularly focused on finding opportunities in distressed situations and restructurings. The current portfolio consists primarily of control positions in early-stage technology companies acquired via restructuring.

Mr. Stevanovich has had a 30 year career in international investing and technology commercialization including as a member of the Board of Governors of the U.S. Department of Energy's Argonne National Laboratory and as a member of the University of Chicago's Board of Trustees. He is currently a Council Member of the University of Chicago's technology accelerator, The Polsky Center for Entrepreneurship and Innovation, a Commissioner on the National Commission on Innovation & Competitiveness and a member of the Executive Committee of the U.S. Council on Competitiveness. He also serves on the Board of Advisors to the University of Chicago's Master of Science Program in Financial Mathematics and on the Council of the Booth School of Business.

Mr. Stevanovich is an Inaugural Member of the Coalition for Access, Affordability and Success—a group of more than 140 distinguished colleges and universities across the U.S. that joined together to increase students' access to higher education. In 2007 he endowed the Stevanovich Center for Financial Mathematics. Mr. Steve Stevanovich holds an AB in Economics from the University of Chicago as well as an MBA from the University of Chicago Booth School of Business.

Mr. John Thompson

Director of Technology and Markets, Clean Air Task Force



John Thompson promotes new technology and policy solutions to address climate change that emphasize carbon capture, utilization, and storage (CCUS).

His current work focuses on policy design to overcome barriers facing carbon capture and sequestration.

These include policies to develop new transformational carbon capture technologies and overcoming economic and infrastructure barriers that limit the application of CCUS in industry, power, and zero-carbon fuels markets.

John's past work includes facilitating technology transfer between U.S. and Chinese companies, using

economic models to determine the impact of potential federal policies on CCUS deployment, and advocating federal regulatory policies that limit carbon dioxide emissions.

John is a frequent presenter on carbon capture and sequestration at conferences in the United States, China, and Europe. Since 2012, he has served on the National Coal Council, an advisory body to the Secretary of the Department of Energy.

John holds a B. S. in chemical engineering from the University of Illinois, Champaign-Urbana, as well as an M.B.A. from Olin School of Business at Washington University in Saint Louis.

Dr. Neil Thompson

Director, FutureTech Research Project, MIT Computer Science and Artificial Intelligence Lab & MIT Initiative on the Digital Economy, Massachusetts Institute of Technology



Neil Thompson is an innovation scholar in MIT's Computer Science and Artificial Intelligence Laboratory, a research scientist at the MIT Initiative on the Digital Economy, and an associate member of the Broad Institute. His research interests include

computer performance and economic outcomes, tools and innovation, patenting and licensing, and executing on innovation and strategy. Previously, he was an assistant professor of innovation and strategy at the MIT Sloan School of Management and a visiting professor at Harvard University's Laboratory for Innovation Science. Before joining academia, he worked at the Lawrence Livermore National Laboratories, Bain and Co., the United Nations, World Bank, and Canadian Parliament. He earned a BS in physics from Queen's University, an MS in economics from the London School of Economics, and MS degrees in computer science and statistics, and a PhD in business and public policy, from the University of California, Berkeley.

Ms. Van Ton-Quinlivan

CEO, Futuro Health



Van Ton-Quinlivan is a nationally recognized thought leader in workforce development with a proven record for guiding and implementing large organizational change while fostering a culture of experimentation, innovation and collaboration. Her distinguished career spans the public, private and non-profit sectors.

Most recently, Van served as the executive vice chancellor of Workforce and Digital Futures of the California Community Colleges, the largest higher education system in the nation with 115 institutions. As an appointee of Governor Brown, she grew public investments from \$100 million to more than \$1 billion during her tenure by establishing workforce as a state policy priority.

Prior to her higher education role, Van oversaw workforce development for Pacific Gas & Electric. In 2013, she was named a White House Champion of Change in recognition of her notable career in industry and education, as well as for her service as a community leader. She received the California Steward Leader Award in 2017. Van is a frequent speaker on workforce development and has been quoted in numerous publications including *The New York Times*, *U.S. News & World Report*, and *The Chronicle of Higher Education*.

Van earned her master's degrees from the Stanford Graduate School of Education and the Stanford Graduate School of Business. She received her bachelor's degree from Georgetown University. She serves on the boards of the National Skills Coalition, Western Governors University, and California Forward, and advises education-focused venture fund Achieve Partners.

Dr. John Wagner

Director, Idaho National Laboratory, and [National Commissioner](#)



Dr. John C. Wagner is the laboratory director for Idaho National Laboratory. His previous roles included Associate Laboratory Director of INL's Nuclear Science & Technology (NS&T) Directorate, director of Domestic Programs in NS&T as well as director of the

Technical Integration Office for the DOE-NE Light Water Reactor Sustainability Program at INL. Wagner initially joined INL as the chief scientist at the Materials and Fuels Complex in 2016. He has more than 20 years of experience performing research, and managing and leading research and development projects, programs and organizations.

Wagner received a B.S. in nuclear engineering from the Missouri University of Science and Technology in 1992, and M.S. and Ph.D. degrees from the Pennsylvania State University in 1994 and 1997, respectively. Following graduate school, Wagner joined Holtec International as a principal engineer, performing criticality safety analyses and licensing activities for spent fuel storage pools and storage and transportation casks. Wagner joined the Oak Ridge National Laboratory (ORNL) as an R&D staff member in 1999, performing research in the areas of hybrid (Monte Carlo/deterministic) radiation transport methods, burnup credit criticality safety, and spent nuclear fuel characterization and safety.

While at ORNL, Wagner held various technical leadership positions, including technical lead for postclosure criticality in support of DOE OCRWM's Lead Laboratory for Repository Systems, Radiation Transport Methods Deputy Focus Area lead for the Consortium for Advanced Simulation of Light Water Reactors (CASL), and national technical director of the DOE Office of Nuclear Energy's Nuclear Fuels Storage and Transportation Planning Project. Wagner also held various management positions, including group leader for the Criticality and Shielding Methods and Applications, Radiation Transport, and

Used Fuel Systems groups.

In 2014, Wagner became director of the Reactor and Nuclear Systems Division (RNSD), with responsibility for management direction and leadership to focus and integrate the seven RNSD R&D groups (Advanced Reactor Systems and Safety, Nuclear Data and Criticality Safety, Nuclear Security Modeling, Radiation Transport, Reactor Physics, Thermal Hydraulics and Irradiation Engineering, and Used Fuel Systems) and the Radiation Safety Information Computational Center.

Wagner is a Fellow of the American Nuclear Society and recipient of the 2013 E.O. Lawrence Award. He has authored or co-authored more than 170 refereed journal and conference articles, technical reports, and conference summaries. He was the original developer of the A3MCNP and ADVANTG codes and led the development of the CADIS and Forward-Weighted CADIS hybrid transport methods.

Dr. Marianne Walck

Deputy Laboratory Director for Science and Technology and Chief Research Officer, Idaho National Laboratory



Dr. Marianne Walck provides strategic leadership, direction and integration for research, science and technology at INL in her roles as deputy lab director for Science and Technology and chief research officer. She leads INL's Laboratory Directed Research and

Development program, directs INL's interactions with DOE's Office of Science, and oversees INL's strategic interactions with universities. Walck joined INL in 2019. She has more than 30 years of DOE national laboratory technical leadership experience, including technical program leadership, research leadership, and line, personnel and site management. Her prior experience includes 33 years at Sandia National Laboratories, concluding as vice president for both SNL's California laboratory and its Energy and Climate Program. Walck serves on several advisory boards for universities, national laboratories and

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About the Council on Competitiveness

For more than three decades, the Council on Competitiveness (Council) has championed a competitiveness agenda for the United States to attract investment and talent, and spur the commercialization of new ideas.

While the players may have changed since its founding in 1986, the mission remains as vital as ever—to enhance U.S. productivity and raise the standard of living for all Americans.

The members of the Council—CEOs, university presidents, labor leaders and national lab directors—represent a powerful, nonpartisan voice that sets aside politics and seeks results. By providing real-world perspective to Washington policymakers, the Council's private sector network makes an impact on decision-making across a broad spectrum of issues—from the cutting-edge of science and technology, to the democratization of innovation, to the shift from energy weakness to strength that supports the growing renaissance in U.S. manufacturing.

The Council's leadership group firmly believes that with the right policies, the strengths and potential of the U.S. economy far outweigh the current challenges the nation faces on the path to higher growth and greater opportunity for all Americans.