



**Workshop on Preserving and Developing Ukraine's Human Capital in Research, Education,
and Innovation**

June 5, 6 (side event), 21, 28 2023

PARTICIPANT BIOSKETCHES DAY 1 & SIDE EVENT

SPEAKERS & MODERATORS (alphabetical order)

Zbigniew Błocki, *Director, National Science Center, Poland*

Zbigniew Błocki is the director of the National Science Centre (NCN) since March 2015, as well as professor of mathematics at Jagiellonian University in Krakow, Poland. His main research areas are complex analysis of several variables and partial differential equations. He has worked in research centres including in the USA (recipient of the Fulbright senior grant), Sweden, and Germany. Previously, he was a member of the NCN Council, member of the Science Europe Governing Board, director of the Institute of Mathematics of Jagiellonian University; Vice Chair of the Executive Organising Committee of the 6th European Congress of Mathematics in Krakow (2012). Awards: Zaremba Prize of the Polish Mathematical Society (2007), the Polish Prime Minister Award for exceptional scientific achievements (2008), Jagiellonian Laurel (2014). Błocki holds a Ph.D. and a master's degree in mathematics from Jagiellonian University.

Amy Flatten, *Director of International Affairs, American Physical Society*

Amy Flatten is the Director of International Affairs at the American Physical Society, where she develops international scientific exchanges, collaborations, and partnerships with physicists around the globe. Prior to joining APS in 2004, she served for five years with the White House Office of Science and Technology Policy (OSTP), where she managed international S&T initiatives involving government, academia, and industry on behalf of the U.S. President's Science Advisor during both the Clinton and Bush Administrations. Prior to her role with the White House Office of Science and Technology Policy, Dr. Flatten was with the National Telecommunications and Information Administration of the Department of Commerce, where she focused upon international telecommunications policy within multinational settings such as the International Telecommunications Union. Before she joined the Federal government, she

held private-sector positions with high-tech corporations, serving as a technology consultant with AT&T Solutions and Booz-Allen & Hamilton. Prior to this she held a faculty position (1995-2005) with the Johns Hopkins Part-Time Engineering and Applied Sciences Program, where she received the 2000 Excellence in Teaching Award. She received her Ph.D. and M.S. degrees in Engineering Science and Mechanics from the Georgia Tech.

Valeria Kovach, *Leading Researcher, Institute of Environmental Geochemistry, National Academy of Sciences of Ukraine (NASU); Young Scientist Council Chair, NASU*

Valeria Kovach is a leading researcher at the Institute of Environmental Geochemistry and the Young Scientists Council Chair at NASU. Kovach works in the area of development of information technologies for environmental monitoring; mathematical modeling of environmental pollution; solving urgent problems of civil protection of land, environment, and population; solving urgent problems of environmental safety; and finally, the stable functioning of nuclear power plants in Ukraine. She also works on the rehabilitation and remediation of territories contaminated with heavy metals, pesticides, and radionuclides. Kovach holds a PhD in Ecology from the National Aviation University in Kyiv.

Denis Kurbatov, *Deputy Minister of Education and Science, Ukraine*

Denis Kurbatov is Deputy Minister of Education and Science in Ukraine. He has held various positions at Sumy State University in Ukraine, most recently as Leading Researcher Laboratory of Optoelectronics and Solar Power Engineering (from 2012), as well as Head of Research Department (from 2011). Kurbatov has completed internships and trainings in various countries, China, Lithuania, and Germany. He holds a Ph.D. in solid state physics from Sumy State University.

Oksen Lisovyi, *Minister of Education and Science, Ukraine*

Oksen Lisovyi is the Minister of Education and Science in Ukraine, a position which he assumed in March 2023. Lisovyi joined of the Armed Forces of Ukraine at the outset of the Russian invasion. Since 2010, Oksen Lisovyi has been the Director of the National Centre of the Junior Academy of Sciences of Ukraine. In September 2020, together with the President of the Minor Academy of Sciences Stanislav Dovhyi, he initiated the foundation of the first Museum of Science in Ukraine, which was opened at the Expocentre of Ukraine in Kyiv. He previously worked as a teacher at the at the Kyiv-Mohyla College, a fencing coach, supported the activities of the public youth organisation Sich, and held a senior position at the General Directorate of JSC. Lisovyi studied at the Reshetylivka Art School of Folk Crafts and the Kyiv State Institute of Culture. He is currently a candidate for a Doctorate in Philosophy, having submitted his thesis earlier this year.

Marcel Levi, *President Executive Board, Dutch Research Council (NWO)*

Marcel Levi is Chief Executive of UCLH NHS Foundation Trust and took up the position in January 2017. He has had a distinguished career as a clinician, academic and clinical leader in

the Netherlands. Prior to joining UCLH, Marcel was Chairman of the Executive Board of the Academic Medical Center, University of Amsterdam since 2010 and for the previous ten years was chairman of its Department of Medicine and Division of Medical Specialisms. He studied medicine at the University of Amsterdam and in 1991 obtained his PhD and was appointed as a Fellow by the Royal Netherlands Academy of Science. He is a practising consultant physician, specialising in haemostasis and thrombosis, and leads an active research programme.

Angela Liberatore, Head of the Scientific Department, European Research Council

Angela Liberatore is Head of the Scientific Department at the European Research Council, which manages the evaluations and monitoring of projects submitted to ERC in all scientific domains and undertakes ex-ante and ex-post analyses of ERC funded research. She previously worked in the research programmes on environment and climate, social sciences and humanities and then international cooperation in the Directorate General for Research. Among her 'highlights', she co-chaired the Social Protection group for the UN Research Roadmap for COVID-19 Recovery, worked on 'science diplomacy' issues in Africa and the EU neighbourhood, contributed to the EC White Paper on European Governance and in the negotiation of the Kyoto Protocol on Climate Change. Liberatore holds a PhD in Political and Social Sciences from the European University Institute and a degree in Philosophy from the University of Bologna.

Boris Martin, *President of the Board, Engineers Without Borders International*

Boris Martin is the CEO at Engineers Without Borders USA, and serves as the President of the Board at Engineers without Borders International. Additionally, he serves as an Advisory Council Member at FinDev Canada. Prior to his current role, he served in various roles at Engineers Without Borders Canada since 2010, most recently as its CEO from 2014-2022. Marin holds a Doctorate of Philosophy (PhD) in Materials Science and Engineering and a Master's in Materials Science from the Institut National des Sciences Appliquées de Lyon.

Carol O'Donnell, *Director, Smithsonian Science Education Center*

Carol O'Donnell is the director of the Smithsonian Science Education Center, which is dedicated to transforming K–12 Education through Science in collaboration with communities across the globe. O'Donnell serves as the U.S. representative on the Global Council of the InterAcademy Partnership Science Education Programme, and she serves on the UN Broadband Commission Working Group on School Connectivity: Hybrid Learning. O'Donnell also represents the Smithsonian on the Subcommittee on Federal Coordination in STEM Education, which advises and assists the Committee on STEM Education of the Office of Science and Technology Policy of the Executive Office of the President. In addition, she serves on the part-time faculty of George Washington University's physics department. Before joining the Smithsonian in 2015, O'Donnell worked at the U.S. Department of Education where she oversaw nearly \$17 billion in annual federal investments under the Elementary and Secondary Education Act. She also oversaw the cognition and student-learning research program at the Institute of Education Sciences, the research arm of the Department of Education. While earning her doctorate at the George

Washington University, O'Donnell managed a five-year, National Science Foundation-funded trial aimed at identifying the conditions under which effective middle school science curricular interventions improve student learning and reduce achievement gaps when scaled-up. Before that, she spent 11 years developing science-curriculum materials for the Smithsonian Science Education Center. O'Donnell began her science-teaching career in Virginia public schools. O'Donnell earned her bachelor's degree in education from the University of Pittsburgh, her master's degree in geosciences from Mississippi State University, her doctorate in curriculum and instruction from George Washington University and an Executive Education certificate in nonprofit management from the Harvard Business School.

Daniel Placht, Program Officer, Science and Engineering Capacity Development Theme, U.S. National Academies of Sciences, Engineering, and Medicine (NASEM)

Daniel Placht is a program officer in the Science and Engineering Capacity Development Theme at NASEM. He currently directs the Connections to Sustain Science in Latina America program, and works on projects and activities focused international science networks and capacity building, including the US-Africa Frontiers and Arab-American Frontiers programs. He also works on the Partnerships for Enhanced Engagement in Research program where he manages research grants in Central Asia, the Middle East and North and Eastern Africa. Before joining NASEM, Daniel worked at the International Law Institute in Washington, DC as well as multiple international development NGOs in Cairo, Egypt. He holds an undergraduate degree in international affairs from Bard College and a master's degree in environmental science and engineering from Virginia Tech.

Vaughan Turekian, *Executive Director of the Policy and Global Affairs, NASEM*

Vaughan Turekian has been Executive Director of Policy and Global Affairs at the National Academies of Sciences, Engineering, and Medicine since May 2018. Previously, Turekian served as the fifth Science and Technology Advisor to the U.S. Secretary of State. From 2016 to 2017, he served as a country co-chair, along with the Kenyan Ambassador to the United Nations, for the Multi-stakeholder Forum on Science, Technology, and Innovation for the Sustainable Development Goals. In 2018, Turekian was appointed by the U.N. Secretary General as one of the ten international members to promote the role of science, technology, and innovation for achieving for the 17 SDGs. Previously, he was Chief International Officer for the American Association for the Advancement of Science (AAAS) and the Director of AAAS's Center for Science Diplomacy (2006 - 2015). As Editor-in-Chief of Science & Diplomacy, an online quarterly publication, he published original policy pieces that have served to inform international science policy recommendations. Prior to this, Turekian worked at the State Department as a Special Assistant and Advisor to the Under Secretary for Global Affairs (2002 - 2006) on issues related to sustainable development, climate change, environment, energy, science, technology, and health. He also served as Program Director for the Committee on Global Change Research at the National Research Council (2000 - 2002), where he was study director for a White House report on climate change science. Turekian holds a B.S. in Geology and Geophysics and

International Studies from Yale University and a M.S. and Ph.D. from the University of Virginia where he focused on the transport and chemistry of atmospheric aerosols in marine environments.

PLANNING COMMITTEE MEMBERS

Rita Colwell, *Professor, University of Maryland Chair (Workshop Chair)*

Rita Colwell is distinguished university professor in the Center for Bioinformatics & Computational Biology at the University of Maryland at College Park and at Johns Hopkins University Bloomberg School of Public Health, senior advisor and chairman emeritus at Canon US Life Sciences, Inc., and founder and CEO of CosmosID, Inc. She is a microbial ecologist. Her research interests focus on global infectious diseases, water, and health. Colwell has studied the metabolism, systematics, evolution, and ecology of aquatic bacteria and viruses. Currently, she is developing an international network to address climate change and infectious diseases and water issues, including safe drinking water for both the developed and developing world. Other interests include K-12 science and mathematics education, graduate science and engineering education and the increased participation of women and minorities in science and engineering. Colwell served as the eleventh director of the National Science Foundation (NSF) from 1998 to 2004. In her capacity as NSF director, she served as co-chair of the Committee on Science of the National Science and Technology Council. She is the recipient of the National Medal of Science, Stockholm Water Prize, Order of the Rising Sun, Japan, Legion of Honor, France, and the Vanevar Bush Award, and has served on countless NAS committees. Colwell earned her Ph.D. in oceanography from the University of Washington.

Oleksiy Kolezhuk, *Head of Science Committee, National Council for Science & Technology Development (Workshop Chair)*

Oleksiy K. Kolezhuk is physicist and is the Head of the Science Committee at the National Council for Science & Technology and Development. He is also a professor of physics at the Institute of High Technologies of Taras Shevchenko National University of Kyiv (since 2010). He is also a leading Research Fellow at the Institute of Magnetism of the National Academy of Sciences of Ukraine (part-time). Currently, he is a Visiting Scholar (supported by a fellowship from the Alexander von Humboldt Foundation) at the Johannes Gutenberg University Mainz. He has been head of the Scientific Committee of the National Council of Ukraine on Science and Technology Development since 2019. His primary research is in the field of condensed matter theory (low-dimensional spin systems). He has been a corresponding member of the National Academy of Sciences of Ukraine since 2021. He received a M.Sc. in 1988 at Kyiv State University; PhD in 1991 from the Institute of Metal Physics in Kyiv; Dr. habil. in 2001 from Hannover University; D.Sc. in 2004 from the Institute of Magnetism, Kyiv. He had the Heisenberg Fellowship of DFG (2004-2009) and research stays at Hannover University, Harvard University, and RWTH Aachen.

Bernard Amadei, *Distinguished Professor, Department of Civil Engineering, University of Colorado, Boulder*

Bernard Amadei is Distinguished Professor and Professor of Civil Engineering at the University of Colorado at Boulder. He received his PhD in 1982 from the University of California at Berkeley. Amadei is the Founding Director of the Mortenson Center in Engineering for Developing Communities. He is also the Founding President of Engineers Without Borders - USA and the co-founder of the Engineers Without Borders-International network. Among other distinctions, he is the 2007 co-recipient of the Heinz Award for the Environment; the recipient of the 2008 ENR Award of Excellence; the recipient of the 2015 Washington and ASCE OPAL awards; the recipient of the 2016 C. H. Dunn Award of the Construction Industry Institute; an elected member of the U.S. National Academy of Engineering and the National Academy of Construction; and an elected Senior Ashoka Fellow. In 2013 and 2014, Amadei served as a Science Envoy to Pakistan and Nepal for the U.S. Department of State. Amadei holds a commercial pilot license (multi-engine land, instrument).

Lidia Borell-Damián, *Secretary-General, Science Europe*

Lidia Borrell-Damián is the Secretary-General for Science Europe and Director for Research and Innovation at the European University Association (EUA), an association representing more than 800 universities and national rectors' conferences in 48 countries. With a doctorate in Chemistry, she has worked as an Associate Professor at the Universitat de Barcelona and the Universitat Politècnica de Catalunya. She spent time as a Visiting Scholar at North Carolina State University, USA, and The University of Western Ontario, Canada. She has also worked in the private sector as R&D Deputy Director at a chemical company in Spain and Director of the Research Area at the Universitat Pompeu Fabra.

Peter D. Gluckman, *President, International Science Council; Head of Kōi Tū, the Centre for Informed Futures, University of Auckland*

Peter Gluckman became President of the International Science Council in October 2021. His term will continue until the General Assembly of 2024. He is also an ISC Fellow and a member of the Fellowship Council, as well as a member of the Global Commission on Science Missions for Sustainability. Gluckman is an internationally recognized biomedical scientist, and currently heads Kōi Tū: The Centre for Informed Futures at the University of Auckland. From 2009-2018 he was first Chief Science Advisor to the Prime Ministers of New Zealand and from 2012-2018 Science Envoy for the New Zealand Ministry of Foreign Affairs and Trade. He was foundation chair of the International Network of Government Science Advice (INGSA) from 2014-2021. He trained as a paediatrician and biomedical scientist, publishing over 700 papers and several academic and popular books. A key theme of his research has been on understanding how a baby's environment between conception and birth determines its childhood development and life-long health – and the impact that this knowledge has for individuals and whole populations. He co-chaired the WHO Commission on Ending Childhood Obesity (2013-2017). He is chief

scientific officer of the Singapore Institute for Clinical Sciences. He has received the highest civilian and scientific honours in New Zealand. He is a fellow of the Royal Society of London, of the Royal Society of New Zealand a fellow of the Academy of Medical Sciences (UK) and a member of the National Academy of Medicine (USA). He holds a Distinguished University Professorship in the University of Auckland, New Zealand and honorary chairs at the University College London, University of Southampton and National University of Singapore.

Robin Grimes, *Foreign Secretary, The Royal Society*

Robin Grimes is Professor of Materials Physics at Imperial College London and Foreign Secretary for The Royal Society. Grimes' primary research interest is the application and development of computer simulation techniques to predict structural and dynamic properties of inorganic materials. He has used computer modelling to predict the structural and dynamic behavior of ceramics, metals, and semiconductors for energy applications. This has allowed him to identify ways in which atomic scale defects modify materials properties. He has investigated a wide range of properties, including thermal conductivity and how materials deform and how atoms are transported through solids. While best known for modelling nuclear materials, he has worked as much on electrochemical systems, optical, and electronic materials. Prior to joining Imperial College, Grimes was assistant director of the Davy Faraday Research Laboratory at the Royal Institution, and he spent the year 2000 at Los Alamos National Laboratory as Bernd T. Matthias Scholar. Grimes served as chief scientific adviser to the UK Foreign Office from 2013 to 2018. In that position he mainstreamed science as a tool in the UK's diplomatic tool box, using science evidence and science networks to place science collaboration at the heart of key international relationships. He maintains a leading role in the nuclear energy academic community as Ministry of Defence Chief Scientific Advisor on nuclear science and technology matters since 2017. Grimes received a Ph.D. in material sciences from Keele University in 1988.

Brett Makens, *Eagleburger Fellow, Novo Nordisk Foundation*

Brett Makens currently serves as an Eagleburger Fellow with the Novo Nordisk Foundation (NNF) where he serves as the U.S. representative focused on expanding scientific and research ties with U.S.-based institutions. Prior to the current fellowship, Brett has served as a U.S. diplomat since 2006 including tours focused on science diplomacy in Copenhagen, Geneva, and Berlin. He has been awarded four Superior Honor Awards by the U.S. State Department and holds a JD/MA from the University of Denver and a BA from Michigan State University.

Kimberly Montgomery, *Director, International Affairs and Science Diplomacy, American Association for the Advancement of Science*

Kim Montgomery is the Director of International Affairs and Science Diplomacy. In this role, she advises on bilateral and multilateral relationships and manages the AAAS Center for Science Diplomacy. She also serves as the Executive Editor of the policy journal Science & Diplomacy. Montgomery has worked in science policy and international affairs in the U.S. and Austria. In Austria, she managed and advised on international relationships for the International Institute

for Applied Systems Analysis (IIASA) and was a scientific consultant for the International Atomic Energy Agency (IAEA). Her U.S. experience includes six years at the U.S. House of Representatives as professional staff for the Committee on Science, Space, and Technology and as a legislative assistant for Representative Rush Holt (NJ-12). Directly prior to joining AAAS in 2021, Montgomery was a senior program officer at the Nuclear Threat Initiative (NTI) in the Scientific and Technical Affairs program. She was also an AAAS Science and Technology Policy Fellow at the National Science Foundation's Office of Legislative and Public Affairs. She received her Ph.D. in psychology and neuroscience from Princeton University and has a bachelor's degree in cognitive science from Northwestern University.

Olga Polotska, *Executive Director of the National Research Foundation of Ukraine (NRFU)*

After obtaining her PhD in Philology (Germanic languages) in 2004, she was Lecturer, Head of the English Language Department (School of Foreign Languages) and Senior Lecturer of the Department of English Philology at V.N. Karazin Kharkiv National University until 2019. Polotska has a wide experience in teaching and lecturing, administrative experience in the field of education and international partnership as well as developed skills of organization of scientific conferences, seminars, contests and olympiads. During her time at V.N. Karazin Kharkiv National University, her research was mainly connected with ways of building a sustainable system of academic and research integrity in universities. She has participated in various international partnership projects in the field of management and organization of education. In 2019-2023 Polotska completed several training courses (MBA level) at Marketing School of Kyiv-Mohyla Business School. She is author of over 65 research publications. She has experience of planning and development of complex projects (e.g. Horizon Europe Office in Ukraine), negotiating with national and international policy-makers and stakeholders, and strategic planning.

Yegor Stadnyi, *Senior Vice Rector, Kyiv School of Economics*

Yegor Stadnyi is a vice rector at Kyiv School of Economics. He served as the Deputy Minister of Education and Science of Ukraine in 2019-2020. Before that, he worked at the Cedos think tank (Kyiv, Ukraine) and as a consultant for the World Bank dealing with public policy analysis in the education sphere.

Alfred Watkins, *Founder and Chairman, Global Solutions Summit (moderator)*

Alfred Watkins is the Founder and the Chairman of the Global Solutions Summit (GSS), which focuses on promoting the large-scale deployment in emerging markets of commercially viable, financially sustainable development solutions. Prior to founding the GSS, Watkins worked for more than 23 years at the World Bank and served as the World Bank's Science and Technology Program Coordinator and head of the World Bank's Science, Technology and Innovation Global Expert Team. He has extensive on-the-ground experience leading science, technology, and innovation capacity-building programs in Africa, Asia, and various countries in the Former Soviet Union, including Russia, Ukraine, Kazakhstan, and Latvia. Watkins organized two World

Bank Global Forums on Science, Technology and Innovation Capacity Building for Sustainable Development (one in 2007 and another in 2009) and four Global Solutions Summits which convened at the US Department of State (2014), Clinton Presidential Library (2016), and UN Headquarters (2018 and 2019). Before joining the World Bank, he also served as a legislative assistant/staff economist in the U.S. Congress and was an assistant professor at the University of Texas at Austin. In March 2017, United Nations (UN) Secretary-General António Guterres appointed him to a 3-year term on the Governing Council of the Technology Bank for the Least Developed Countries (LDCs). He was reappointed to a second 3-year term in January 2020. Watkins received his Ph.D. in Economics from the Graduate Faculty of the New School University.

Donald Winter

Don Winter is an independent consultant supporting national and international security interests in the US and allied nations. He served as the 74th Secretary of the Navy from January 2006 to March 2009. As Secretary of the Navy, he led America's Navy and Marine Corps Team and was responsible for an annual budget in excess of \$125 billion and almost 900,000 people. Winter's prior business career in the aerospace and defense industry spanned over 30 years as a systems engineer, program manager and corporate executive. From 2009 to 2020, he was a Professor of Practice at the University of Michigan where he taught graduate level courses on systems engineering, satellite design, and maritime policy. Since 2011 he has served in multiple roles assisting the Commonwealth of Australia in their efforts to reconstruct the Royal Australian Navy's fleet and establish a sustainable shipbuilding capability. During 2019 to 2021 he also served as the US DoD's Senior Defense Industry Advisor for Ukraine. Winter has been a member of the National Academy of Engineering since 2002.

ADDITIONAL LEADERSHIP

Yulia Bezvershenko, *Consultant, NASEM*

Yulia Bezvershenko is a Ukrainian policy-maker who works on science and innovation (S&I) policy with a specific focus on institution building, promoting science, and creating a knowledge-based economy and society in Ukraine. During 2020-2021, she served as a Director-General of the Directorate for Science and Innovation, Ministry of Education and Science of Ukraine. It is a unit responsible for national-level S&I policy development, implementation of S&I programs, and international S&I cooperation. As a scientist and activist, Bezvershenko has been deeply involved in the Ukrainian S&I reform since 2014, co-authoring a new version of the Law on Scientific and Technical Activity, advocating its approval, and working on its implementation. In addition, she has been a co-founder and Vice-President of the NGO Unia Scientifica and the Young Scientists Council of the National Academy of Science of Ukraine (till 2019). Yulia Bezvershenko is a Ukrainian Emerging Leaders Program 2021-2022 Fellow at the Center of Democracy, Development, and Rule of Law, Stanford University. In 2022 she co-facilitated the Subgroup on Science of the National Council for the Recovery of Ukraine from

the War. Bezvershenko holds a Master of Public Policy and Governance from the Kyiv School of Economics, a Ph.D. in Theoretical Physics from the Bogolyubov Institute for Theoretical Physics, and an MSc in Physics from the National University Kyiv-Mohyla Academy.

Cathy Campbell, *Chair, NASEM RESET Ukraine Action Group; (Retired) President/CEO, CRDF Global*

Cathy Campbell is a retired executive specializing in international science and technology programs, policy, and management. Previously, she led U.S. science and technology initiatives, primarily with the USSR, Ukraine, Russia and other Eurasian states, at the White House Office of Science and Technology Policy, Department of Commerce, and Department of State. In 2016 she retired from CRDF Global, where she served as President and CEO. Cathy is an elected Fellow of the American Association for the Advancement of Science (AAAS) and was a Visiting Scholar at the AAAS Center for Science Diplomacy in 2017–18. She currently is a member of the NASEM Roundtable on Global Science Diplomacy, the Board of Governors of the US-Israel Binational Science Foundation (BSF), and the Advisory Board of the Penn State University School of International Affairs. Cathy chairs the NASEM Rebuilding Engineering, Science, Education and Technology (RESET) Ukraine Action Group. Cathy earned a B.S. in Russian from Georgetown University and a M.A. in Russian and East European Studies from George Washington University.

E. William Colglazier, *Senior Scholar, Center for Diplomacy, American Association for the Advancement of Science / Editor-in-Chief, Science & Diplomacy (co-chair, NASEM Global Science Diplomacy Roundtable)*

E. William Colglazier is Editor-in-Chief of *Science & Diplomacy* and Senior Scholar in the Center for Science Diplomacy at the American Association for the Advancement of Science (AAAS). He served as the fourth Science and Technology Adviser to the Secretary of State from 2011 to 2014. From 1994 to 2011, he was Executive Officer of the National Academy of Sciences and the National Research Council where he helped to oversee the studies that provide independent, objective scientific advice on domestic and international public policy issues. Colglazier received his Ph.D. in theoretical physics from Caltech in 1971, and prior to 1994 worked at the Stanford Linear Accelerator Center, the Institute for Advanced Study in Princeton, the Center for Science and International Affairs at Harvard's Kennedy School of Government, and the University of Tennessee. He is a past chair of the Forum on Physics and Society and the Committee on International Scientific Affairs of the American Physical Society (APS) and a Fellow of the AAAS and APS. In 2015 he received the Joseph A. Burton Forum Award from the APS for "outstanding contributions to the public understanding or resolution of issues involving the interface of physics and society" and the Order of the Rising Sun, Gold Rays with Neck Ribbon from the Government of Japan for "contributing to science and technology exchange and mutual understanding between Japan and the United States." From 2016 to 2018, Colglazier served as co-chair of the Ten Member Group appointed by the U.N. Secretary

General to advise on science, technology, and innovation for achieving the 17 Sustainable Development Goals of the UN 2030 Agenda.

Katherine Himes, *Director, James A. and Louise McClure Center for Public Policy Research, University of Idaho (co-chair, NASEM Global Science Diplomacy Roundtable)*

Katherine Himes, Ph.D. practices muddy boots science policy. Her expertise includes natural resources, collaborative governance, research partnerships, science diplomacy and international development. Currently, Himes is co-chair of the U.S. National Academies Roundtable on Global Science Diplomacy, associate editor of the journal *Science & Diplomacy*, vice chair of the University Network on Collaborative Governance (UNCG), vice president of the Boise Committee on Foreign Relations (BCFR) Board of Directors and member of the City Club of Boise Board of Directors. She also serves on grant review panels for the U.S. National Science Foundation, National Academy of Sciences and Department of State. Before joining the McClure Center in 2017, Himes was an American Association for the Advancement of Science (AAAS) Science & Technology Policy Fellow. In the U.S. Foreign Service, she served as regional science advisor at the U.S. Agency for International Development (USAID) Mission to Central Asia and supported science and technology in five countries of the former Soviet Union: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan, as well as Afghanistan. She also served as special assistant to the provost at the University of Minnesota during a major strategic positioning initiative. Himes earned a Ph.D. and B.S. in neuroscience at the University of Minnesota, and an MBA in entrepreneurship at the University of Wisconsin-Madison.