



ROOSEVELT STRATEGIC COUNCIL

April 29 – 30 , 2020 | The American Institute of Architects,
Washington, D.C.

SPEAKER BIOGRAPHIES

Dr. Steven Driver, CEM, CEA, Global Energy Program Manager, Sanofi



Steven P. Driver, Ph.D. has over 25 years of experience in engineering, project management, systems commissioning, and energy auditing. Steve is an alumnus of Northcentral University where he earned his Ph.D. in Engineering and Technology (2010) with a concentration in building commissioning. Steve is a board certified energy manager (CEM) and auditor (CEA). He holds two copyrights, one publication, and a U.S. patent associated with building commissioning technology. Having completed numerous energy audits, both National and International, he continues his mission to reduce industry operational cost and climate impact through the use of innovative technologies.

As Genzyme's Energy Program Director, he was responsible for driving a 13,000 metric ton carbon reduction and over \$4.9M in energy cost savings over the past four years. Steve assisted Genzyme in meeting their 2007-12 greenhouse emissions goal of 25% early resulting in the EPA Climate Leaders Award. Steve received the 2013 Massachusetts Governors award for greenhouse gas reduction. Most recently, Steve received second place award at the 2015 Ener.con convention held in Berlin Germany for installation of new carbon reduction technology on steam boilers.

As Global Energy Program Manager at Sanofi, he is responsible for directing the Sanofi Biologics global energy program with an International focus on reducing operational cost and greenhouse gas emissions. Responsibilities include management of a \$27m global energy spend, identification of new energy conservation measures, financial calculations, carbon accounting, cost estimating, vendor procurement, scheduling, budgeting, utility incentives, and post measurement and verification.

Mr. Randy Gaines, Senior Vice President Operations and New Openings Americas, Hilton



Randy Gaines currently serves as the Senior Vice President of Operations and New Hotel Openings for the Americas for Hilton, bringing 25 plus years of experience to the Operations team. In this capacity, he is responsible for Property Operations, Leasing / Retail Operations and Operations for all New Hotel Development and Transitions in the Americas. Randy and his team also support all corporate sustainability energy conservation efforts across the Americas.

Prior to his current role, Randy served as Vice President Engineering, Housekeeping and Laundry Operations for the Hilton Americas Team. He also served as Vice President, Engineering Technical Services, for Host Hotels and Resorts, where he was responsible for maximizing the value derived from capital expenditures related to roofs, facades, MEP, building systems and energy conservation and procurement for the entire Host Hotels & Resorts portfolio. In addition, he served as the lead on all sustainability and green efforts for Host.

Prior to Host Hotels, Randy served as Corporate Director of Engineering for Yum Brands Inc., where he was responsible for capex and engineering operations. He also served as Vice President of Engineering/Housekeeping for White Lodging Services Corporation, where he oversaw capex, energy procurement, engineering and housekeeping operations for 81 limited and full service hotels, and held positions with Marriott International in the Lodging and Senior Living Services divisions.

David Kang, PE, CEM, Vice Chancellor for Infrastructure and Safety, University of Colorado, Boulder



Previously Mr. Kang served as the Director of Project Management in The White House Military Office, where he lead 50 military, civilian and contractor personnel in the management and oversight of a classified presidential facilities and construction program, and oversaw general architect and engineering services.

Mr. Kang was also the director of Shore Energy for the Department of the Navy where he championed a culture of sustainability and led department-wide efforts to increase energy efficiency, increase use of renewable energy and integrate smart energy technologies on Naval installations throughout the world. Additionally, he held a wide range of high-level positions within the Navy including several positions leading various public works and facilities organizations around the world.

In his current role, Mr. Kang oversees an annual operating budget of \$112 million. Areas of responsibility include the physical and public safety of the campus, long-range capital planning, real estate development, architecture, design and construction, the operation and maintenance of all campus facilities, emergency management, workplace accident prevention and the creation of a safe working environment for campus employees, environmental health and safety, environmental sustainability and campus logistics.

Beyond creating a safe and secure environment at CU-Boulder, Kang also takes on several projects that are key to the strategic vision of the campus including: creating a clear and comprehensive framework and methodology for capital project planning within the Campus Physical Master Plan and capital development plans; developing strategies and tactics to improve campus sustainability; and progressively managing the use of renewable and non-renewable resources.

He earned a master's degree in civil and environmental engineering from the University of California, Berkeley, and a bachelor's in structural engineering from the University of California, San Diego. He is a licensed PE in the state of California and a Certified Energy Manager (CEM).

Mr. Mark Vanderhelm, Vice President, Energy, Walmart (tentative)



Joining Walmart in 2015 as Vice President of Energy, Mark Vanderhelm leads the team supporting Walmart U.S., including Retail Energy, Energy Regulation and Management, Energy Services and Energy Development. He oversees the company's global commitment to energy efficiency, sustainability and renewable energy.

Mark joins the company from Exelon Generation, LLC in Kennett Square, Pennsylvania, where he managed Generation and Renewables Development. In this role, Mark led the team responsible for developing new generation projects (gas, solar, biomass, storage and hydro) and investing in new electricity-based technologies throughout the U.S. and Canada. In previous roles, he led business development for the retail team, as well as the wholesale origination team focused on the Southern U.S. Throughout these roles, Mark directed due diligence and negotiation for key growth projects for the organization.

Mark holds a Bachelor's Degree in Mechanical Engineering from University of Texas. He went on to earn a Master's Degree and Doctorate in Nuclear Engineering from MIT, where he co-directed the Institute of Nuclear Power Operations' Reactor Technology Course for Utility Executives.

Panel Moderator: Timothy D. Unruh, Ph.D., PE, CEM, LEED AP, Executive Director, NAESCO (*former Deputy Assistant Secretary for Renewable Power , Office of Energy Efficiency and Renewable Energy (EERE), DOE*)



Dr. Timothy D. Unruh is the Executive Director of the National Association of Energy Service Companies (NAESCO). In this role, he manages the representation of its member Energy Service Companies. NAESCO provides advocacy for the industry at the Federal, State and Local levels, and provides for member company Accreditation.

Prior to this role, Dr. Unruh was the Deputy Assistant Secretary of Renewable Power at the Energy Efficiency and Renewable Energy (EERE) Office of the US Department of Energy (DOE). As the Deputy Assistant Secretary, Dr. Unruh managed the nation's renewable power research, while also providing oversight to the Grid Modernization Initiative. Also while at the DOE EERE, Dr. Unruh Directed the Federal Energy Management Program (FEMP). As FEMP Director, Dr. Unruh oversees the implementation of policy and actions that result in energy efficiency implementation, renewable energy adoption, and reductions in energy and water use in Federal government operations. Dr. Unruh coordinates with DOE national laboratories and other Federal agencies in this capacity.

Dr. Unruh was formerly director of operations for ConEdison Solutions where he led a team of engineers and project managers to implement energy savings projects within government and private installations. While in this role, Dr. Unruh worked to educate energy users about alternative finance methods to achieve energy-reduction goals. He was heavily involved in the measurement and verification of energy savings resulting from these projects.

Earlier in his engineering career, Dr. Unruh built a program to provide energy services to major industrial clients. He trained and coordinated industrial clients on methods to produce energy savings while operating a short financial payback environment. Dr. Unruh is a licensed Professional Engineer in multiple states across the U.S. and is a Certified Energy Manager (CEM) as well as a Leadership in Environmental and Energy Design Accredited Professional (LEED AP).

During his career, Dr. Unruh has performed numerous assessments, project analyses, and energy engineering services for an array of facility types. He is involved in the development of electrical power quality standards with the Institute of Electrical and Electronics Engineers (IEEE) Power Quality Subcommittee. Dr. Unruh has doctorate, master's, and bachelor's degrees in electrical engineering from Wichita State University in Wichita, Kansas.

Ms. Caroline D'Angelo, Senior Advisor for Energy, Environment, and Sustainability, and acting lead of the Greening Diplomacy Initiative, U.S. Department of State



In her role as the Department's lead for the Greening Diplomacy Initiative, she guides U.S. embassies and consulates on a wide range of sustainability initiatives, from smart metering to renewable energy financing options to effective sustainability communications methods. She develops innovative new partnerships, programs, and initiatives with US government agencies, foreign governments, and universities. She joined the State Department in 2013 as a Presidential Management Fellow. She was detailed to the White House Council on Environmental Quality under two Administrations, and undertook short-term assignments in Brasilia and Lima as an economics officer covering the environmental portfolio.

Prior to the State Department, she worked for the Pulitzer Center on Crisis Reporting, developing and managing the Center's award-winning e-books division, and the Wharton School's Initiative for Global Environmental Leadership as a staff writer and editor.

She has a bachelor's degree from the University of Virginia and a master's in environmental sustainability from the University of Pennsylvania. After a research trip to Sri Lanka and India, she co-founded wH2O: The Journal of Gender & Water, an open-access journal on global water and women's issues, for which she served as editor-in-chief and remains on the board.

Ms. Jennifer Groman, LEED - AP, Chief, Facilities Engineering, NASA



Ms. Groman heads the Facilities Engineering Branch within the Facilities and Real Estate Division at NASA Headquarters. Her team consists of program managers for construction of facilities, energy management for facilities and utility services, and operations and maintenance. Ms Groman is responsible for developing and advocating for NASA's construction and operations and maintenance budgets. Her team produces policies, procedures and guidance to help NASA centers successfully maintain and repair the Agency's infrastructure and provides oversight for the Agency's construction program across the country. Ms. Groman led the development of NASA's Strategic Energy Investment Plan in partnership with the Department of Energy which provided short and long term strategies for reducing energy costs through key investments across the Agency's entire nationwide portfolio of sites and facilities. Prior to her current role, Ms. Groman served as the Federal Preservation Officer within NASA's Environmental Management Division, responsible for cultural resources management and other environmental issues. Prior federal service includes working for the Army's Assistant Chief of Staff for Installation Management at the Pentagon and as the Deputy Federal Preservation Officer under the Deputy Assistant Secretary for the Army (Environment, Safety, and Occupational Health). Ms. Groman also previously worked for the Army Environmental Command and the Advisory Council on Historic Preservation working in policy, procurement strategic sourcing, project prioritizations, and program management. Before joining the federal government, Ms. Groman worked as a historical architect, urban planner and consultant in Australia, Southeast Asia and Mexico.

Ms. Groman is a LEED Accredited Professional. Ms. Groman holds a Master's of Architecture degree from the University of Texas at Austin and an undergraduate degree in Architecture and Latin American Studies from Yale University.

CAPT Nate Price, USN, PE, CHFM Chief, Facilities Enterprise, Defense Health Agency, U.S. Department of Defense (DHA)



The Defense Health Agency supports the delivery of integrated, high-quality health services to Military Health System beneficiaries and is responsible for driving greater integration of clinical and business processes.

CAPT Price currently leads 400 personnel in lifecycle management of \$38B global infrastructure portfolio with a \$2.5B annual budget. He guides facilities efforts in 54 medical centers, 620 medical and dental clinics, encompassing 78 MSF and 4,700 beds. Previously he served as Chief - Design, Construction, and Activation Branch where he led program management of design, construction, and activation activities for capital construction projects for the Defense Health Facilities Enterprise - a \$500M annual capital expenditure portfolio.

Prior assignments have included:

Director Of Operations, Engineering and Expeditionary Warfare Center, Naval Facilities Engineering Command (NAVFAC)

The Naval Facilities Engineering and Expeditionary Warfare Center delivers facilities engineering, technology solutions, and expeditionary equipment for the Navy, Department of Defense, and other organizations. In this role, CAPT Price delivered annual business volume of ~\$1.5B in facilities, environmental, and equipment systems solutions

Deputy Force Engineer and Seabee Liaison, Naval Forces Europe and Africa in Naples, Italy

U.S. Naval Forces Europe-Africa directs strategy and operations for Naval Forces in 105 countries, more than 20 million square nautical miles of ocean, three continents and covering more than 67 percent of the Earth's coastline.

CAPT Price was the Senior SME for the planning and management of infrastructure and Naval Construction Force operations where he translated Fleet initiatives and strategies into the built environment

Earlier in his Naval career, CAPT Price served as a resident Engineer US Army Corps of Engineers with deployments to Kirkuk and Sulaymaniyah, Iraq where he led 14 personnel in the planning, design, and construction of \$110M in key infrastructure projects in Kirkuk and Sulaymaniah Resident Offices ;Assistant Facilities Officer, Marine Corps Air Station Iwakuni, Japan and construction Manager, Puget Sound Naval Shipyard.

CAPT Price holds a Master of Science in Civil Engineering, Proj Mgmt, & I/O Psych from University of Maryland. A Bachelor of Science in Civil Engineering from Illinois Institute of Technology and a degree in Contracting Level III from Defense Acquisition University

Moderator: Mr. Alan Edwards, Senior Programs Manager, U.S. Department of Justice

Mr. Edwards is the special senior advisor to Department of Justice on energy, resilience and sustainability for facilities operations and utility services. His team manages contracts worldwide and he is responsible for outreach and development of interagency assistance.

Prior to his current position Mr. Edwards worked as the national energy manager for the Department of Justice managing 116 sites. Prior to joining the Department of Justice he worked as Shop Planner and High Voltage Supervisor for Marine Corp Base Camp Pendleton.

He is a US Navy veteran attached to the Naval Construction Battalion (Seabee) and participated in over 13 natural disaster efforts throughout the world.

He was awarded Department of Energy, Presidential Award for Energy, the GSA Real Property Award and several agency awards for energy and facility management. He is a member of the Royal Institution of Chartered Surveyors (RICS), United Nations Framework Convention on Climate Change, US House of Representatives, Congressional High Performance Coalition, and International Facility Management Association (IFMA). He has an undergraduate degree in business and is currently pursuing an MBA from Heriot Watt University. He holds several professional certificates from Standard University and IFMA in Sustainability, Facilities Management and Energy Innovation and Immerging Technologies

Mr. Jason Christman, Vice President, Chief Product Security Officer, Johnson Controls



Jason Christman is an executive leader in cybersecurity strategy and operations, product security and privacy, technology integration, risk management, and incident response for industrial IoT products and services, cloud platforms, and IT infrastructures.

In his current role, Mr. Christman leads product cybersecurity at Johnson Controls, where he is accelerating security maturity and reducing risk across the product life cycle. He manages a talented team of cybersecurity leaders, experts, and champions focused on improving the cybersecurity posture of a diverse portfolio of industrial IoT products and services.

Throughout his career, he served in pivotal roles leading cyber organizations through the initial phases of growth and transformation. He is a subject matter expert in human decision analytics, secure cloud operations, incident response, continuous security evaluation, and both automated and tradecraft approaches to cyber operations.

Mr. Christman is an expert on the human dimension of cyberspace with a background in cognitive analytics, data science, and cyber forensics to derive valuable behavioral insights and threat intelligence to protect critical information and assets.

Mr. Christman also serves in the Delaware National Guard as Director, Cyber & Intelligence (J2/6) where he is leading cyber professionals responsible for defending the nation in cyberspace.

MS in Computer Science from the Johns Hopkins University

BS in Computer Science from Villanova University

Certifications: CISSP, PMP

Mr. Daniel Borneo, Engineering Program Lead, Sandia National Laboratory



Mr. Borneo is an electrical engineer and Principal Member of Staff at Sandia National Laboratories. He holds both a BSEE and MSEE from the University of New Mexico. In 2012 he became a scholar in residence at the University of California at San Diego (UCSD) where he now serves as a consultant.

At Sandia, he serves as the principal investigator and project leader for the Department of Energy/Office of Energy (DOE/OE) Electrical Energy Storage Demonstration Program. His primary focus is collaborating with representatives of the energy storage industry, academia, and state energy groups to facilitate moving innovative electrical energy storage technologies and systems to commercialization products and services.

CDR Andrew Litteral, USN, PE, Public Works Officer, MCRD Parris Island



CDR Litteral has served with the U.S. Navy for over 20 years and currently is the Director Of Facilities for the Marine Corps Recruit Depot Parris Island, SC. Parris Island is home to one of the most comprehensive Energy Savings Performance Contracts in the Marine Corps, boasting \$90M in capital improvements and \$7M in annual energy and water savings. Previously CDR Litteral served as the Assistant Operations Officer stationed in Naples Area, Italy, where he directed the annual delivery of \$100M in construction and facilities services contracts for 5 installations. He also served as an Executive Officer in Gulfport, MS where he was the 2nd in command of a 590-person organization tasked with construction in harsh environments. He developed a command and control plan to flawlessly execute a logistically challenging deployment of personnel to complete 59 projects across 19 countries and the redistribution of 170 pieces of construction equipment valued at \$13M.

CDR Litteral holds Masters in Civil Engineering from University of Cincinnati - College of Engineering and Applied Science a Master of Business Administration (MBA) from Webster University and a B.S. in Mechanical Engineering from Cedarville University. He is a registered professional engineer in the State of Ohio, a member of Tau Beta Pi, a qualified Seabee Combat Warfare Officer, and a member of the Defense Acquisition Corps.

Mr. R.J. Dyrdek, Energy Manager, Director of Public Works, Fort Knox, U.S Army



Coming soon...

Mr. Brian Weldy, PE, CEM, DGCP, Vice President, Engineering, HCA Healthcare (Hospital Corporation of America)



Brian Weldy is the Vice President of FacilitiGroup Infrastructure Solutions at HCA. He oversees facility infrastructure and operations program for 178 hospital locations and approximately 1,800 sites of care totaling more for 100 million square feet of physical plant assets. Expertise includes facility management operational optimization, infrastructure capital reinvestment and regulatory compliance. Weldy also develops strategy and tactical expertise with technology solutions with Intelligent Buildings using technology to improve facility infrastructure operations. He has developed several “ground up” software applications for facility management and regulatory areas.

Weldy has worked in Healthcare Facility Management for more than 30 years with hospitals systems in most of the states in the US along with hospitals in the UK. He is a graduate of South Dakota School of Mines and Technology with a degree in Chemical Engineering, a licensed Professional Engineer, Certified Energy Manager and Distributive Power Generation Certified Professional.

Mr. Lee J. Dunfee, CEM, CDSM, LEED AP, Managing Director, Engineering Operations, Cushman & Wakefield



Lee Dunfee is responsible for Cushman & Wakefield's Engineering Operations platform in the East Region of the U.S. He works closely with regional leaders, portfolio managers and engineering leaders to deliver best-in-class operations for property owners and tenants. His responsibilities include cultivating industry best practices, developing energy management programs, leading business development efforts, training and recruiting. Additionally, Lee works closely with Cushman & Wakefield's Sustainability Services team on building efficiency, energy auditing and energy technologies, including energy procurement and an internal energy management program.

Prior to joining Cushman & Wakefield in 2009, Lee worked at Jones Lang LaSalle for 15 years, most recently as Vice President, Engineering Manager where he oversaw the engineering and operation of 19 million square feet of office space in Washington, DC and Baltimore, MD. During Lee's time at Jones Lang LaSalle, he was responsible for the operation of multiple trophy assets in the Washington, DC region. He won multiple TOBY awards, completed several ENERGY STAR® designations and led a variety of large capital improvement projects.

Professional Affiliations

Washington, DC 3rd Class Engineer's License, Maryland 2nd Class Engineer's License , LEED® Accredited Professional (LEED AP) , Certified Energy Manager® (CEM), Certified Demands Side Manager® (CDSM) ,CFC Universal Refrigerant Handling Certification

Mr. John Petze, Principal, SkyFoundry and Executive Director, Project Haystack



John Petze is a partner in SkyFoundry, the developers of SkySpark™, an analytics platform for building, energy and equipment data. John has over 30 years of experience in building automation, energy management and M2M, having served in senior level positions for manufacturers of hardware and software products including Tridium, Andover Controls, and Cisco Systems. At SkyFoundry he helps facility operators apply analytics to achieve intelligent, efficient, data-driven facilities.

Project Haystack is an open source initiative to streamline working with data from the Internet of Things. We standardize semantic data models and web services with the goal of making it easier to unlock value from the vast quantity of data being generated by the smart devices that permeate our homes, buildings, factories, and cities. Applications include automation, control, energy, HVAC, lighting, and other environmental systems.

Jigar Shah, President and co-founder of Generate Capital



Prior to co-founding Generate, Jigar pioneered “no-money-down solar” as the founder and chief executive officer of SunEdison, which unlocked a multibillion-dollar solar market and made SunEdison the largest solar services company worldwide before its acquisition by MEMC. After SunEdison, Jigar served as the founding CEO of the Carbon War Room, a global nonprofit founded by Sir Richard Branson and Virgin Unite to help entrepreneurs address climate change. Jigar is the author of *Creating Climate Wealth: Unlocking the Impact Economy*. His decades of business-model innovation and entrepreneurship in renewable energy prove that sustainability pays. Jigar holds an MBA from the University of Maryland and a BS in Mechanical Engineering from the University of Illinois at Urbana-Champaign.

Mr. Shawn Mathiesen, CEM, Remote Operations Manager, Banner Health



As the Remote Operations Manager, Shawn helps manage the collaborative effort to manage building environmental systems for Banner Health's 28 hospital and healthcare facilities. Shawn has deep experience in installing, repairing and managing large HVAC systems to maximize energy efficiency, meet compliance requirements, all while ensuring a comfortable environment for Banner Health patients and staff. Shawn is a Certified Energy Manager and graduate of Mesa Community College.

Ms. Devan Tracy, P.E., CEM, LEED AP O+M, Smart Buildings Lead & Energy Analytics Lead, Program Manager Lockheed Martin Corporation Rotary and Mission Systems Division



Devan is a graduate of Lockheed Martin's Engineering Leadership Development Program (ELDP). In her current role as the Smart Buildings & Energy Analytics Lead for the Rotary & Mission Systems (RMS) division, she is responsible for the implementation of data analytics software to perform fault detection & diagnostics, energy anomaly detection, and predictive maintenance. Devan is also the RMS Go Green Team Program Manager, responsible for strategy, planning, execution and reporting of resource reduction activities to drive affordability and support Corporate Energy initiatives. Under Devan's leadership, \$5.5M in annual energy savings have been realized and the largest onsite solar photovoltaic system at Lockheed Martin was installed. In her previous role with the Corporate Sustainability Office, Devan streamlined life cycle assessment analyses and supported the annual Sustainability Report development and external reporting initiatives.

Devan holds a Master of Engineering degree in Sustainable Systems Engineering from the University of Wisconsin-Madison and a Bachelor of Science in Mechanical Engineering from Binghamton University. She is a Professional Engineer (P.E.), Certified Energy Manager (CEM), Leadership in Energy and Environmental Design Accredited Professional Operations + Maintenance (LEED AP O+M), and a Lean Six Sigma Green Belt. In 2018, Devan was awarded the GreenBiz "30 Under 30" distinction and presented a TEDx Talk on the "Extinction of Sustainability."

Ms. Paula Zimin, Director of Sustainable Building Services, Steven Winter Associates, Inc



Paula specializes in professional architecture and design, with particular expertise in high performance design within the commercial and residential sectors. Paula has assisted dozens of commercial and residential projects in successfully achieving building certification, securing government incentives, and exceeding energy code compliance. In addition, Paula is currently a member of the USGBC LEED Energy & Atmosphere Technical Advisory Committee - allowing her to discuss the challenges of LEED and energy efficiency in new construction buildings, as well as discuss future plans of the rating system.

Mr. Chris Hamm, Senior Building Systems Engineer, Steven Winter Associates, Inc



Chris is focused on furthering the high performance building process from design and energy modeling to implementation and testing. As an undergraduate Environmental Engineering major at Princeton University, Chris focused his independent research on adapting the Passive House standard to U.S. climate zones. During his graduate studies at Stevens Institute of Technology, Chris lead the energy modeling team and was construction manager for the SURE House, a storm resistant coastal home built to the Passive House standard and winner of the 2015 Department of Energy Solar Decathlon.

Chris's experience has been primarily with the design of Passive House (PH) buildings including single family, multi-family, student residences, and mixed-use buildings. He holds a B.S. in Environmental Engineering from Princeton University and a Master's Degree in Architecture and Engineering from Stevens Institute of Technology

Mr. Michael Carrancho, PE, Chief, Engineering and Design, Smithsonian Institution



Mr. Carrancho has over 25 years of design and construction experience in the U.S. and abroad. As a Deputy Director in the Office of Planning Design and Construction his focus is on Engineering & Design. Responsible for the design management of all the Smithsonian's capital and large maintenance projects, SI Facility Design Standards, is the senior building code official, and signatory on all construction documents for the institution.

From 2003-2010 Mr. Carrancho served as the Naval Facilities Engineering Command, Europe Africa and Southwest Asia, Business Manager and Chief Engineer in Naples, Italy. Supporting over 1300 personnel and responsible for providing: Design and Construction services, Planning & Real Estate Acquisition, Environmental Services, and Public Works for an area spanning from the Azores to Bahrain.

Mr. Carrancho has a Bachelor's Degree in Civil Engineering, Merrimack College, North Andover, MA, and holds a Professional Civil Engineer license from the State of California since 1995. He is also a LEED Green Associate.

Mr. Kevin Kampschroer, Chief Sustainability Officer, and the Director of the Office of Federal High-Performance Buildings, in the US General Services Administration



Mr. Kampschroer's goal is to influence and accelerate industry capability and adoption of high-performance principles across all aspects of asset creation, operation, maintenance and disposal.

He has created the framework for which GSA responds to the challenges of improving a diverse and aging portfolio of commercial buildings so that they can serve the mission needs of their occupants, support effective work, improve occupant health, and deliver solid financial performance.

He devised a challenge for companies to dramatically improve the government's ability to achieve deep retrofits through Energy Savings Performance contracts and Utility Energy Service contracts. To date, GSA has invested over \$1 Billion dollars in deep retrofit projects that on average achieve double the energy savings than traditional retrofits.

He co-authored several medical studies showing the links between building characteristics and office worker stress, heart function, physical activity, and sleep quality. Results demonstrated the beneficial results of good lighting, natural light, IEQ, and open plan office environments. Current work is showing more specific links between the building functions and kinds of office layout on stress, physical activity and health.

Mr. Kampschroer managed an unprecedented increase in GSA's active construction projects through the development of rigorous performance criteria and a central tracking system. In less than 6 years, GSA identified, obligated, and completed over 500 new construction, modernization, and limited scope projects. 95% of the projects surpassed their sustainability goals, and in aggregate, they are saving \$68 million annually, and the buildings are 22% more energy efficient than before.

He has worked on developing new energy conservation legislation, in expanding the scope of integrated design and training, as well as the creation of rigorous environmental management systems.

He led the creation of real estate portfolio management in GSA; the establishment of performance measures linked to pay and budget; and was the project manager for the Ronald Reagan Federal Building and Trade Center, then the second largest office building in the United States (344 M²). Mr. Kampschroer has worked for GSA for more than 45 years and is a graduate of Yale University.

Mr. Emmanuel Daniel, Director, Applied Innovation & Incubation - Smart Buildings & Campuses, Microsoft



Emmanuel is responsible for building and delivering the Digital Transformation strategy for campuses across Microsoft. He leads a multidisciplinary team of architects(business / technical) and experience designers. He builds experiences that merge technology with the built the environment, leading to the formation of spaces that respond to the needs of it users. As part of this role he puts in place the strategy for identifying the next generation of products that will make more Smarter & Sustainable Buildings.

Previously he drove the IoT & Smart Building business across the Middle East & Asia Time Zones and was responsible for the Strategy, Sales & Delivery. As part of this role he incubated & managed smart building partners and helped create some of the World's Smartest Buildings including those at Microsoft.

Emmanuel has also lead the Azure Business Strategy Practice where he has worked with key partners including Telecommunication Operators (Globally) to building their Cloud Business.

Emmanuel holds a Bachelor of Technology degree from the University of Madras, India, a Master of Science in Operations and Supply Chain Management from the University of Liverpool, UK and a MBA (Finance) from the University of Nottingham, UK.



In her role, Jennifer helps to refine the Energy and Sustainability suite of offerings from a global perspective, ensuring they are market relevant, deliverable, practical, and profitable. Jennifer works with the Operations teams to optimize existing accounts, prepare for renewals/scope variations in ways that align existing service contracts with the product strategy, and identify future ways of working.

Prior to this role Jennifer co-led operations for the Energy and Sustainability Services Americas group. In this role, she assisted Portfolio Energy and Sustainability Managers in executing energy management and sustainability programs for various clients to reduce energy and water usage and cost. These programs include energy procurement and alternative energy evaluations, benchmarking and goal setting, identification of energy saving opportunities, investigation into new technologies, as well as the coordination of demand side management projects and sustainability initiatives for client portfolios. Jennifer was also responsible for JLL's Energy Audit and Retrocommissioning service for the Americas and the utility rebate management service UtiliCapture.

Experience

Jennifer joined JLL in May 2013 and managed energy and sustainability programs for Duke Energy's real estate portfolio, totaling over 13 million square feet across the utility's service territory. In 2015, Jennifer also created an energy management program for a portion of Univision's real estate portfolio.

Prior to joining JLL, Ms. Fortenberry was an energy engineer and project manager at Facility Strategies Group, a national strategic energy engineering and consulting firm. She was responsible for the planning and execution of energy retrofit programs including audits, design/specification, system commissioning, and M&V for commercial, high-rise residential and educational facilities.

Education and Affiliations

Ms. Fortenberry is a Professional Engineer, Certified Energy Manager, and LEED AP for the Building Design and Construction rating system. In conjunction with her responsibilities at JLL, Jennifer is Chair of the City of Belmont Environmental Sustainability Board and served as Board Chair for the local non-profit organization Sustain Charlotte in 2015-2016 where she worked to inspire more informed choices that lead to a more sustainable future. Jennifer graduated from the University of North Carolina at Charlotte with a Bachelor of Science Degree in Civil Engineering and a Minor in Mathematics. She also received a Master of Science Degree in Environmental Engineering from the University of Illinois at Urbana-Champaign.

Mr. Mike Hoppe, Senior Product Manager, IoT and Intelligent Solutions, Daikin Applied



Coming soon

Mr. Eric Coffman, CEM, Director, Energy Programs, Maryland Energy Administration



Coming soon

Mr. Douglas Hatcher, Director of Energy and Resource Management, Dept. of General Services, Pennsylvania



Mr. Hatcher serves as the Commonwealth's GESA program coordinator: plans and directs all aspects of the Guaranteed Energy Savings Act program the Commonwealth owned buildings, including but not limited to:

- Reviews of energy saving proposals, assistance with managing the implementation energy saving efforts and evaluation of the effectiveness of energy conservation measures.
- Develops, revises, recommends, and implements various energy conservation policies and procedures, methods and standards due to changes in technology, funding and administrative policies with in the department's facilities.
- Critically reviews and evaluates Contractor project scopes, schedules, budgets and cost effectiveness.
- Manages energy projects' standard measurement-based monitoring, trend-logging, verification plans, protocols, associated post-construction operations and maintenance protocols.

Oversees the Department's High voltage section, providing direction and support for the operation's maintenance, testing and long and short term goals.

Oversees the Departments HVAC and Plumbing Section, providing direction and support for the operation's maintenance, testing and long and short term goals.

Serves as the Departments Job Order Contracting (JOC) coordinator. I schedule coordinate and manage all projects from \$10K to \$300K occurring within the Department's operational spaces.

Leverages the Department's work order system information and reporting to establish metrics for determining appropriate levels of personnel, equipment, funding, organization, and/or new work flows.

Serves as the Deputate's representative for other conservation initiatives governed by either state or federal agencies.

Researches and develops program metrics with regard to energy and utility management, and provides regular analysis and results with regard to all program initiatives.

Mr. Jamie Donovan, Program Analyst, Department of Energy & Environment (DOEE), District of Columbia



Coming soon...

Robert “Bert” Bland, P.E. | Associate Vice President for Energy & Sustainability, Cornell University



Bert is responsible for around-the-clock electric, heating, cooling, water, sewage, energy generation, distribution, and use-optimization of Cornell University’s 250+ buildings in Ithaca. Bert leads the teams that implement the Climate Action Plan for a 2035 carbon-neutral campus.

He also managed the development of the energy and sustainability plans for the new CornellTech campus in Manhattan. Bert is a Cornell grad; BS & MS Cornell engineering '74 and '80; Cornell MBA '96.

Remaining speakers’ bios coming soon.