

# A TRANSFORMATIVE ERA FOR ENERGY

November 12, 2021

McNair Hall | Rice University





# **Dear Rice Energy Finance Summit Attendees:**

Welcome to the 13th annual Rice Energy Finance Summit, Rice University's premier student-organized energy conference hosted by Rice Business. The summit serves to promote forward-looking discussions on the most relevant energy finance, investment, and strategy topics affecting the global energy industry today. We hope this conference can help deepen your sector acumen, expand your network, and build longlasting business relationships. It is difficult to convey the status of the energy industry without discussing the lingering effects of the global pandemic that has challenged and reshaped the energy industry. Energy operators have had to deal with significant demand shocks and the price ramifications that come with the disruption, while investors have used the opportunity to ask critical questions about the future of the energy landscape and what the energy makeup of the future will be. As such, our team has decided to focus the conversation on the decisions that will mark this phase of the energy industry with the strategic theme of

# A Transformative Era for Energy.

The flow of the conference is designed to gain actionable commentary from a diverse and influential group of industry leaders across a variety of firms and functions. To begin the day, Bobby Tudor will deliver the keynote on Houston's emerging and important role as a hub for the energy transition. The CFO Roundtable will key in on financial strategies that companies will employ across the energy value chain. From there, preeminent leaders in financial services will discuss the lending environment and the outlook for industry consolidation. After lunch, we will hear a keynote

address from Deborah Byers on the topic of energy poverty in emerging economies. From there, we will discuss the current state of ESG Investing in Energy and explore the ongoing environmental, social, and governance effects on energy decision-making. After that, we will hear about the current key criteria that private investors weigh while providing capital to the energy market. Finally, we will host a forward-looking discussion on emerging technologies and the role that they play in a growing and evolving energy market.

REFS has been able to return to an in-person delivery model after a fully virtual delivery model last year. We are thankful for the efforts from Rice Business' Safety and Crisis Management Team, who have worked diligently to ensure that REFS can safely and effectively operate a live event. As the industry has transformed due to the pandemic, so has the summit. REFS this year will operate in a dual-delivery format and will most likely move forward in this model for future conferences as people have come to embrace technology.

We hope you leave with meaningful takeaways and gain a lasting impression from this year's summit. We are grateful to our speakers, sponsors, attendees and the Rice University community for supporting this event. We also wish to extend a heartfelt thank you to previous REFS student leaders as they've helped to guide us in delivering this conference that plays an ever-growing role in the Houston energy space.

Sincerely,
The Rice Energy Finance Summit

Organizing Committee, 2021



# AGENDA

4:30 - 6:00 pm

**Networking Reception** 



	30/11/11/2021
7:00 - 8:00 am	Registration
8:00 - 8:15 am 8:15 - 9:00 am 9:00 - 9:15 am	Welcome Remarks
	Morning Keynote: Honorary Bill Arnold Address
	Break
9:15 - 10:00 am  10:00 - 10:30 am	Panel 1 - Energy CFO Roundtable
	Andrea Wüttke, Chief Financial Officer, Energy Vault, Inc.
	Kevin Mitchell, Executive Vice President, Finance and Chief Financial Officer, Phillips 66
	Maryann Mannen, Executive Vice President and Chief Financial Officer, Marathon Petroleum Corporation
	W. L. (Bill) Bullock, Jr., Executive Vice President and Chief Financial Officer, ConocoPhillips  Moderator: Sean Wheeler, Partner, Kirkland & Ellis LLP
	Break
10:30 - 11:15 am	Panel 2 - Financing Future Growth
	Osmar Abib, Chairman of Global Energy (Retired), Credit Suisse
	Kevin Bonebrake, Managing Director, Lazard
	Arash Nazhad, Director, Citi
	James Peery, Managing Director and Co-Head of Energy Transition, Wells Fargo  Moderator: Pearce Hammond, Managing Director and Senior Research Analyst, Piper Sandler & Co.
11:15 - 12:30 pm	Lunch
12:30 - 1:15 pm	Afternoon Keynote
	Deborah Byers, EY Americas Industry Leader, Ernst & Young LLP
1:15 - 1:30 pm	Break
1.13 - 1.30 pm	picar
1:30 - 2:15 pm	Panel 3 - Energy ESG Investing
	Allyson Anderson Book, Vice President of Energy Transition, Baker Hughes
	Kassia Yanosek, Partner, McKinsey & Co. Roy Lamoreaux, Vice President, Investor Relations, Communications and Government Relations,
	Plains All American Pipeline
	Ahmad Atwan, Founder and Chief Executive Officer, VC Fuel
	Moderator: Kunal Sachdeva, Assistant Professor of Finance, Jones Graduate School of Business at Rice University
2:15 - 2:30 pm	Break
2:30 - 3:15 pm	Panel 4 - Private Equity Perspective
	Gabriel Alonso Imaz, Chief Executive Officer and President, 547 Energy
	Meg Murphy, Vice President, EnCap Investments L.P. Energy Transition Fund
	<b>Eric Danziger,</b> Managing Director - Energy Transition, Riverbend Energy Group <b>Troy Thacker,</b> Managing Partner, Ara Partners
	Moderator: James Garrett, Partner, Latham & Watkins LLP
3:15 - 3:30 pm	Break
3:30 - 4:15 pm	Panel 5 - Energy Technology and Policy
	Alexandra Wilde, Associate, Jones Day
	Eduardo Manzur, Vice President, Energy Technology Sector Captain, Goldman Sachs
	Scott Gale, Executive Director, Halliburton Labs
	Sacha Abinader, Managing Director, Accenture
	Barbara Burger, President, Technology Ventures, Vice President, Innovation, Chevron Moderator: Jim Krane, Wallace S. Wilson Fellow for Energy Studies, Baker Institute
4:15 - 4:30 pm	Closing Remarks
4.10 - 4.30 pm	Growing remarks

Each year a team of MBA candidates from Rice Business is selected to organize the Rice Energy Finance Summit. The team works together for 10 months to create and deliver the school's largest student-run event, applying key business management fundamentals in the process. We hope to continue this tradition for years to come.

#### **COMMITTEE CHAIRPERSONS**



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Zach Foster



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David Hicks









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#### **FIRST-YEAR MEMBERS**

AJ Holderread **Evan Welborn** Grant Blazina Jainif Marediya Mary Mullins Michelle Lashley William Chambers Ying Liu





**Bobby Tudor**Partner at Perella Weinberg Partners and Chairman of Tudor, Pickering, Holt & Co

Bobby Tudor is a partner at Perella Weinberg Partners. He also serves as the chairman of Tudor, Pickering, Holt & Co., which combined with Perella Weinberg Partners in November 2016. TPH is an energy investment bank widely recognized for its industry-leading position in energy securities research and energy investment banking advisory transactions. Prior to forming TPH, Bobby was a partner at Goldman Sachs and a leader of its worldwide energy practice. Over his 30-plus year career in investment banking, he has worked on many of the defining transactions of the period across most energy subsectors and geographies. Bobby is the immediate past chair of the Greater Houston Partnership and of the Rice University Board of Trustees. He serves on the Board of Advisors for Rice University's Baker Institute for Public Policy and Collaborative for Children. Bobby also serves on the National Advisory Board for the Tulane Center for Energy Law, the Board of Directors of the National Petroleum Council, the Houston Symphony and the MD Anderson Board of Visitors. He holds a B.A. in English and legal studies from Rice University and a JD from Tulane.



**Deborah Byers**EY Americas Industry Leader
Ernst & Young LLP

Deborah is the EY Americas industry leader responsible for infusing a sector focus into everything EY does and activating market-leading integrated solutions. She also helps multinational energy companies navigate volatile markets and complex business issues to drive shareholder value. She has been with Ernst & Young LLP for 32 years. With more than 30 years of transactions and industry experience, her proficiency includes structuring and financing corporate expansions and joint ventures, integrating assets and working with cross-border transactions. Deborah previously served as the US oil and gas leader, Houston office managing partner, transactions leader and managing partner for the EY Strategy and Transactions group in the Ernst & Young LLP Southwest Region. She is also a part of the firm's Energy Center of Excellence based in Houston. She frequently authors reports on timely energy issues, works with leading industry organizations and speaks at conferences on matters relevant to the energy industry and women in business, as well as transactions for tax professionals.



**Peter Rodriguez**Dean and Professor of Strategic Management

Peter Rodriguez is dean of the Jesse H. Jones Graduate School of Business at Rice University. He is also an economist and professor of strategic management and his research interests include corruption, globalization, economic development and social institutions. Peter holds an M.A. and Ph.D. in economics from Princeton University and a B.S. in economics from Texas A&M University. He worked for several years as an associate in the Global Energy Group at JP Morgan Chase, here in Houston and New York.



#### ENERGY CFO ROUNDTABLE



**Andrea Wüttke** 

Chief Financial Officer, Energy Vault, Inc.

Andrea Wüttke has more than 15 years of experience in finance, management, complex M&A transactions and capital markets. Previously, Andrea was the Managing Director, Business Development and Capital Markets for Canadian Solar, the TOP 2 solar company worldwide. She was responsible for the company's financing strategy and capital markets activities, particularly when it comes to its newly established distributed generation business. Andrea was with Deutsche Bank and executed EUR 1.7B of infrastructure acquisitions and implemented a EUR 300M (equity) renewable energy franchise. She also executed major M&A transactions at JP Morgan such as the two largest banking mergers in U.S. history. Andrea serves on the Renewable Energy Board at the OECD, holds a Ph.D. from Harvard University, Master in Economics and Political Science with highest honors from Ludwig Maximilians University in Munich, Germany and was subsequently awarded a Siemens Fellowship to obtain the Ph.D. dissertation at Harvard University.



**Kevin Mitchell** 

Executive Vice President, Finance and Chief Financial Officer, Phillips 66

Kevin J. Mitchell leads Phillips 66's treasury, accounting, auditing, tax, corporate strategy and business development functions. He has more than 30 years of experience in finance roles within the oil and gas industry. Kevin previously served as vice president, Investor Relations. Prior to joining Phillips 66, he served as the general auditor of ConocoPhillips and vice president of Exploration and Production – Strategy, Administration, and Technical Services. He joined Conoco in 1991 and held positions in finance and accounting, including general manager of Upstream Finance, Strategy and Planning; vice president of Finance and Administration for ConocoPhillips Alaska; and manager of Treasury Services. Kevin serves on the board of directors for Phillips 66 Partners, Chevron Phillips Chemical Company and DCP Midstream, LLC. He is a certified internal auditor and a fellow with the Chartered Institute of Management Accountants.



**Maryann Mannen** 

Executive Vice President and Chief Financial Officer, Marathon Petroleum Corporation

Prior to joining Marathon Petroleum in 2021, Maryann Mannen served as executive vice president and chief financial of-ficer of TechnipFMC, a leading global engineering services and energy technology company incorporated in the United Kingdom and headquartered in Paris and Houston. From 2011 to 2017, she was chief financial officer at FMC Technologies before its merger with Technip SA, which Maryann played a key role in negotiating and executing. Before that, she served as the company's deputy chief financial officer and treasurer and vice president of administration. Prior to joining FMC Technologies in 1986, Maryann was finance manager for Sheller-Globe Corporation. She holds a bachelor's degree in accounting and a master's degree in business administration from Rider University.



W. L. (Bill) Bullock, Jr.

Executive Vice President and Chief Financial Officer, ConocoPhillips

W. L. (Bill) Bullock, Jr. is executive vice president and chief financial officer of ConocoPhillips. In this capacity, he oversees the teams responsible for finance, commercial, acquisitions, divestitures and supply chain. Bill has more than 35 years of oil and natural gas experience. He previously served in leadership roles as president, Asia Pacific & Middle East; vice president, Corporate Planning and Development; president, Global Gas and Power; president, Middle East & North Africa; and president and general manager, ConocoPhillips Indonesia. He joined ConocoPhillips in 1986 and worked in various engineering, operations, commercial and business development assignments. Bill serves on the Engineering Advisory Council at Texas A&M University, the Joint Advisory Board for Texas A&M University at Qatar and as a Governing Director for the Houston Symphony. He received a bachelor's degree in chemical engineering from Texas A&M University in 1986 and a master's degree in business administration with an emphasis in finance from Oklahoma City University in 1996. Bill is a registered professional engineer in the state of Texas.



**Sean Wheeler - Moderator** 

Partner, Kirkland & Ellis LLP

Sean Wheeler is a corporate partner who represents public and private companies, including private equity firms, in their most complex transactions. His experience spans the entire range of M&A activity, including strategic mergers, joint ventures, take-privates and cross-border transactions. He also has an active securities law practice, having led more than 40 IPOs and numerous debt and follow-on equity offerings. Sean has counseled clients across numerous industries, including the energy, infrastructure, space, healthcare, technology, real estate and travel industries.

#### FINANCING FUTURE GROWTH





Osmar Abib
Chairman of Global Energy (Retired), Credit Suisse

Osmar Abib is the recently retired chairman of Global Energy of Credit Suisse based in Houston and New York. He is the former global head of the Oil & Gas Group in the Investment Banking & Capital Markets (IBCM) division. Osmar joined Credit Suisse in 1995 and served as vice chairman of the Investment Banking Financing Committee with extensive public offering and M&A experience in the oil and gas sector. Osmar serves on the Council of Overseers at the Jones Graduate School of Business and on the boards of the Columbia Center on Global Energy Policy, the Woods Hole Oceanographic Institute and World Affairs Councils of America. He holds a degree in chemical engineering from Rice University and an MBA from Harvard Business School.



**Kevin Bonebrake**Managing Director, Lazard

Kevin Bonebrake is a managing director in Lazard's Financial Advisory practice and is based in Houston, where he is responsible for covering the oil and gas and energy transition sectors. Kevin has originated and executed over \$50 billion of mergers and acquisitions, restructuring and financing transactions. He serves on the executive committee of the Board of Directors of the Hermann Park Conservancy, which is responsible for the stewardship and improvement of Houston's oldest public green space. Kevin graduated from Duke University with a bachelor of science degree in mechanical engineering and economics as well as a master's degree in engineering, and from Columbia University with a master's degree in business administration. He is a CFA Charterholder and has passed the Fundamentals of Engineering Exam for Professional Engineers and Land Surveyors.



**Arash Nazhad** Director, Citi

Arash Nazhad is a director in Citi's Global Clean Energy Technology team with over 20 years of experience across multiple regions in finance as both an advisor and principle. He currently focuses on strategic advisory assignments and capital markets financings for companies across the decarbonization and digitization landscape. Prior to joining Citi, Arash spent nearly eight years at Equinor in various operational and leadership roles. He has been involved in the execution of more than \$50 billion of M&A advisory and has raised over \$40 billion of capital for clients from private and public sources, including the execution of over 20 IPOs. Arash graduated with a bachelor's degree in management from Concordia University and an interdisciplinary master's degree in energy and Earth resources from the University of Texas at Austin. He is happily married to Chelsea Nazhad and has two daughters, Sabrina and Meylssa.



**James Peery** 

Managing Director and Co-Head of the Energy Transition, Wells Fargo

James Peery is a managing director and co-head energy transition team within the Energy & Power Corporate and Investment Banking group at Wells Fargo. He has spent the last 16 years in the industry, including 11 years with Wells Fargo's energy group after leaving Citigroup in 2010. James received a B.A. from the University of Washington and his MBA from Rice University. He is based in Houston, TX.



**Pearce Hammond - Moderator** 

Managing Director and Senior Research Analyst, Piper Sandler & Co.

Pearce Hammond, Jr. is a managing director and senior research analyst covering Renewables, Midstream/MLP, and Infrastructure at Piper Sandler. He was with the firm from 2004-2017. After spending two years as the treasurer and head of investor relations at WildHorse Resource Development (WRD), which was acquired by Chesapeake Energy (CHK), he returned to Piper Sandler. Prior to covering the renewables, midstream, and infrastructure sectors, Pearce successfully led the coverage of the E&P sector as well as the launch of coverage for both the coal and the alternative energy sectors. He brought nearly 10 years of energy and finance-related experience to Simmons gained while working for Duke Energy, Enron Corporation, and A.G. Edwards. Pearce holds a bachelor's degree from the United States Military Academy and an MBA from Rice University where he was a Jones Scholar. He is a CFA Charterholder and a member of the Houston CFA Society.

#### ENERGY ESG INVESTING



**Allyson Anderson Book**Vice President of Energy Transition, Baker Hughes

Allyson Anderson Book oversees Baker Hughes' energy-transition strategy and works to develop new energy products and services that help lower carbon emissions while meeting the world's growing energy needs. Before joining Baker Hughes, she served as the executive director of the American Geosciences Institute, which represents more than 250,000 geoscientists and focuses on increasing public awareness of the role geosciences play in society's use of resources. Prior to that, Allyson held a number of academic, policy and senior government positions, including teaching at Georgetown University, working for the U.S. Senate Energy and Natural Resources Committee and serving as the associate director of strategic engagement of the Bureau of Safety and Environmental Enforcement (BSEE) at the U.S. Department of the Interior. She began her career as a geoscientist for ExxonMobil. Allyson holds bachelor's degrees in geology and music from the University of Northern Iowa and a master's degree in geology from Indiana University-Purdue University Indianapolis.



**Kassia Yanosek** Partner, McKinsey & Co.

Kassia leads McKinsey's strategy work within the oil and gas practice in the Americas. She has extensive experience in serving international energy executives on industry-shaping issues. Kassia's client work spans portfolio strategy, capital project delivery, organization, mergers and acquisitions and technology innovation. She advises international and national oil companies, exploration and production independents, and service providers across multiple geographies, primarily in the Americas and Europe. Kassia also co-leads McKinsey's knowledge partnership with the World Economic Forum on industry collaboration. She was recently recognized as one of the Top 50 Most Powerful Women in Oil and Gas by the National Diversity Council. Prior to joining McKinsey, Kassia founded an energy investment and advisory firm and was a private equity investor in energy companies. She has published articles in Foreign Affairs and elsewhere on energy topics. In 2005, Kassia served in the White House as an advisor on energy and economic policy at the National Economic Council and National Security Council.



Roy Lamoreaux

Vice President, Investor Relations, Communications and Government Relations, Plains All American Pipeline

Roy Lamoreaux is vice president, Investor Relations, Communications and Government Relations for Plains All American Pipeline and Plains GP Holdings, where he is responsible for shaping and implementing the strategy to effectively engage with internal and external stakeholders and advancing Plains' sustainability efforts. Roy also serves on Plains' senior management team and is chairman of the Plains All American PAC. Previously, he served as director, Commercial Operations and Business Development responsible for Plains' South Texas and Rocky Mountain pipeline assets. He also previously served as director, Investor Relations and manager, Investor Relations & Equity Capital Markets. Prior to Plains, Roy worked at Anadarko Petroleum Corporation in acquisitions and divestitures, as well as exploration and development groups. He holds a B.B.A. in energy management from the University of Oklahoma and an MBA in entrepreneurship from the Acton School of Business. Roy enjoys spending time with family, serving in his church and assisting small businesses with financing and strategic planning.



**Ahmad Atwan** 

Founder and Chief Executive Officer, VC Fuel

Prior to founding VC Fuel, Ahmad was a managing director leading the energy infrastructure sector at Morgan Stanley where he deployed over \$3 billion in capital into a number of successful energy deals. Before joining Morgan Stanley, he was a managing director at BlackRock in the Global Private Equity Group, where he led investments in energy and renewables. Prior to playing leading roles in private equity, Ahmad founded and built a renewable fuels company in 2006, which was sold at a significant premium in 2010. In addition, he helped build Altra Energy Technologies, an energy and financial services software company that was sold in 2003 to Sungard Data Systems. Ahmad began his career at the Boston Consulting Group. He received a bachelor's degree in economics from Harvard University where he was a Rhodes Scholar and a master's degree in international relations from Oxford University.



**Kunal Sachdeva - Moderator** 

Assistant Professor of Finance, Jesse H. Jones Graduate School of Business at Rice University

Kunal Sachdeva is an assistant professor of finance with the Jesse H. Jones Graduate School of Business at Rice University. His research focuses on the financial intermediation between institutional investors and households. Prior to joining the faculty at Rice, Kunal completed a Ph.D. in finance from Columbia Business School. He previously graduated MIT Sloan School of Management with an M.Fin., and Queen's University (Canada) with a B.A. and B.Sc. in Economics and Electrical Engineering, respectively. In-between graduate degrees, Kunal worked as a research analyst for a multi-billion dollar fund of funds managed by BlackRock. He won the 2020 Moskowitz prize from the Kellogg School of Management. His awardwinning research, The Real Effects of Environmental Activist Investing, was co-authored with Assistant Professor Lakshmi Naaraayanan and Varun Sharma of the London Business School.

# PRIVATE EQUITY PERSPECTIVE





**Gabriel Alonso Imaz** 

Chief Executive Officer and President, 547 Energy

Gabriel Alonso is the president and CEO of 547 Energy LLC, the clean energy investment platform of Quantum Energy Partners. Prior to joining Quantum/547 Energy, he served as CEO of EDP Renewables North America (EDPR NA), the fourth-largest producer of renewable energy in North America. He joined EDPR NA in 2007 as managing director, where he led its entrance into the United States renewables market. Gabriel also co-directed the Initial Public Offering of EDP Renovaveis S.A. in 2008. During his time as the leader of EDPR NA, he expanded the operating portfolio more than eightfold to approximately 6,000 MW of wind and solar energy projects in North America. Gabriel has served for nine years on the executive committee and board of the American Wind Energy Association and chaired its board of directors from 2012-2013. He holds a law degree with a specialization in economics from the University of Deusto in Spain, and an Advanced Management Program from the University of Chicago.



**Meg Murphy** 

Vice President, EnCap Investments L.P. Energy Transition Fund

Meg Murphy is a vice president of the EnCap Investments L.P. Energy Transition Fund (EETF). Prior to joining EETF, she was a vice president on EnCap's oil and gas upstream investment staff where she was actively involved in the evaluation and execution of several greenfield projects, acquisitions and divestitures across numerous portfolio companies. Prior to joining EnCap in August 2014, Meg spent three years working in the Global Energy Investment Banking Group at Citigroup, where she focused on M&A advisory work and public capital raises. She graduated summa cum laude from the University of Arizona, where she received a B.B.A. in finance.



**Eric Danziger** 

Managing Director-Energy Transition, Riverbend Energy Group

Eric Danziger joined Riverbend in 2021 as managing director, Energy Transition. He previously served as chief revenue officer of Innowatts, a leading energy software-as-a-service platform that helps electricity providers optimize their businesses with artificial intelligence-enabled forecasting and customer-centric data analytics. Innowatts is backed by Shell Ventures, Energy Impact Partners, Evergy Ventures, Iberdrola (Spain), Energy and Environment Investment (Japan), and Veronorte (Columbia). Eric led global sales, business development, partnerships, and marketing efforts in his role as chief revenue officer. Prior to Innowatts, he served as co-founder and CFO of Genability, a software and rate engine analytics provider of energy cost and savings data to the leaders in solar, energy storage, electric vehicles and home energy management. Eric holds a B.B.A. and MBA from the University of Texas. He also serves on the Board of Directors at The Shlenker School, the budget committee for Congregation Beth Yeshurun and is the executive director of the Walk & Roll for Spinal Cord Injuries Foundation.



**Troy Thacker** 

Managing Partner, Ara Partners

Troy Thacker co-founded Ara in 2017, co-heads the firm alongside Charles Cherington and is a member of the firm's Investment Committee. Troy has been investing in or serving as Chief Executive Officer of sustainable, impact-oriented businesses for over 25 years. He has led over 30 private equity transactions spanning the 1990's to today in the environmental, industrial, software, renewable and conventional energy and insurance industries. Prior to co-founding Ara, Troy served as the Chief Executive Officer of Total Safety, Inc., an international worker safety solutions company, headquartered in Houston, Texas. From 2010 until 2013, Troy served as President and Chief Executive Officer of R360 Environmental Solutions, Inc., a leading recycling and environmental services business, which he sold for \$1.4 billion to Waste Connections, Inc. in 2012. Troy holds a Bachelor of Science in Chemical Engineering from Rice University and holds an MBA from Harvard Business School.



**James Garrett - Moderator** 

Partner, Latham & Watkins LLP

James Garrett is a partner at Latham & Watkins' Houston office and a member of the firm's private equity and mergers and acquisitions practices. He counsels private equity, venture capital investors, portfolio companies, entrepreneurs and public and private companies regarding corporate and transactional matters such as mergers, acquisitions, divestitures, growth equity, private financing transactions, joint ventures, corporate reorganizations and general corporate matters. James has diverse transactional experience and frequently counsels clients across a broad range of industries, including oil and gas, renewables, industrials, technology, software, digital infrastructure and financial services, among others. He is recognized as a Texas Rising Star by Super Lawyers 2016-2019 (Thomson Reuters). He currently serves as a director at Interfaith CarePartners and as a director at the Texas Hearing Institute. He previously served on the Founding Advisory Board of Greentown Labs Houston, Houston's first climate tech and clean tech-focused startup incubator.

# ENERGY TECHNOLOGY & POLICY



Alexandra Wilde Associate, Jones Day

Alex Wilde represents clients in complex business transactions, including mergers and acquisitions, strategic transactions, private equity investments, joint ventures and related general corporate matters. She focuses her practice on key areas of the energy industry and has completed more than \$30 billion of transactions. Alex regularly advises strategic and financial buyers and sellers on acquisitions, divestitures and project developments in domestic and cross-border transactions. Her transactional experience spans from investments in early-stage projects and companies through the complete exit of fully operational lines of businesses and assets. Alex's recent representative matters include acquisitions, divestitures, carveouts, equity investments and joint ventures involving specialty chemicals, pipeline processing and transportation systems, terminals, oil field services and oil and gas properties. Additionally, she regularly counsels clients on a variety of corporate governance and commercial contracts matters. Alex is a member of the Institute for Energy Law advisory board and the Women's Energy Network.



Eduardo Manzur

Managing Director, Energy Technology Sector Captain, Goldman Sachs

Eduardo is the Energy Technology Sector Captain for Goldman Sachs, leading transactions that offer disruptive technologies with exponential growth trajectories based on the recent secular shift towards net zero-emission targets. By keeping a holistic view on the energy industry, Eduardo has recently led M&A and capital market transactions for ChargePoint, Volta, Bird, Energy Vault, Clean Energy Fuels, Energy Recovery, and Mercuria Capital; in addition to leading the largest-ever renewable energy IPOs including Array and, subsequently, Shoals. Prior to joining Goldman Sachs, Eduardo has always focused his career on following his passion for energy and innovation. He worked as an investment banker at Deutsche Bank's Power and Utilities Group, as a project manager at Kinder Morgan, and in commercial development at General Electric. Eduardo earned a B.S. in mechatronics engineering from Tecnologico de Monterrey, an M.S. in engineering from Southern Methodist University and an MBA from The Wharton School at the University of Pennsylvania.



**Scott Gale** 

Executive Director External Engagements, Halliburton Labs

Scott works to help startups navigate the commercial and technical landscape of the energy transition. As Executive Director at Halliburton Labs, he was responsible for launching the organization in 2020 and currently oversees Investments and External Engagements while hyper-focused on building the clean energy community in Houston and around the world. He actively supports multiple startup organizations as a mentor, advisor, and investor. Scott holds a chemical engineering degree from Brigham Young University and spent the early part of his career in the petrochemicals sector. He joined Halliburton in 2014 where he managed multiple strategic efforts taking new technologies from ideation to commercial success at scale. Scott is a graduate of Rice Business where he Founded the Jones Student Association for Executives. Scott serves on the Rice Business Alumni Association Board as well as the Energy Advisory Board for the Rice Alliance Clean Energy Accelerator.



Sacha Abinader

Managing Director - North America Energy, Accenture

Sacha Abinader is a managing director in Accenture's North American Energy Practice based out of Houston. He has 16 years of experience serving clients in exploration and production across several super majors and upstream independents. His consulting background encompasses a broad range of experiences including leading advanced analytics efforts leveraging the cloud, the implementation of an upstream enterprise data warehouse, implementing global SAP solutions, and leading efforts pertaining to process design, reengineering and embedment. Sacha is passionate about the application of digital technologies to the upstream sector to unlock value. He graduated from Rice University in 2005 and has a degree in electrical and computer engineering.



**Barbara Burger** 

Chevron's VP of Innovation and the President of Chevron Technology Ventures

Barbara Burger is the vice president of innovation and president of Chevron Technology Ventures (CTV). She joined Chevron in 1987 as a research chemist and has held a number of management positions across marketing, chemicals, technology, lubricants, and technology ventures. She serves on the board of the Oil and Gas Climate Initiative (OGCI) Climate Investment LLP and holds leadership positions with Houston Exponential, the Houston Symphony Society and the Rice University Corporate Innovation Advisory Board. Beyond Houston, Barbara serves on the leadership council for Cyclotron Road, the external advisory council for the National Renewable Energy Laboratory, the governing board of the MIT Energy Initiative and the MIT Visiting Committee. She holds a B.S. in chemistry (University of Rochester), a Ph.D. in chemistry (California Institute of Technology) and an MBA (University of California, Berkeley), and is an active alumna of the University of Rochester and the California Institute of Technology.

# ENERGY TECHNOLOGY & POLICY





#### Jim Krane - Moderator

Wallace S. Wilson Fellow for Energy Studies, Baker Institute

Jim Krane, Ph.D., is the Wallace S. Wilson Fellow for Energy Studies at Rice University's Baker Institute for Public Policy in Houston. He specializes in energy geopolitics, with a focus on oil-exporting countries and the challenges they face from energy subsidies, internal demand and climate change. He teaches classes on energy policy and geopolitics at Rice University. Prior to Rice, Jim spent nearly 20 years as a journalist, six of them in the Middle East. He was a longtime correspondent for the Associated Press based in Dubai, Baghdad and New York, and has written for myriad other publications including the Washington Post, Wall Street Journal, Financial Times and the Economist Intelligence Unit. He is the winner of several journalism awards including the 2003 AP Managing Editors Deadline Reporting Award, received for his coverage of Saddam Hussein's capture in Iraq. Jim received his Ph.D. from the University of Cambridge, master's from Columbia University and bachelor's from City College of New York.

#### The Jones Graduate School of Business at Rice University

The Jones Graduate School of Business at Rice University is a forward-thinking business school for the next generation of global leaders. Through teaching, research and an atmosphere of discovery, this top-ranked school is committed to a business education focused on leadership, integrity and authenticity. Students have the opportunity to work with the bold ideas of our faculty, cut through the complexities of the business world and make breakthroughs, both personally and professionally.

Named in honor of the late Jesse H. Jones, a prominent Houston business and civic leader, the school's degreed programs include the Rice MBA; MBA for Executives; MBA for Professionals; MBA@Rice, our online degree; as well as a coordinated MBA in professional science and an MD/MBA with Baylor College of Medicines. The Ph.D. in business attracts candidates aspiring to become faculty in prestigious research universities internationally. The one-year Master of Accounting and undergraduate business major and minor round out the degrees offered. A full schedule of non-degree executive education open enrollment and customized courses for business and industry are also available.

# **Energy at Rice Business**

The energy sector in Houston is a complex system that operates with both technical and business expertise. Varied functions within the energy industry necessitate a multi-faceted

talent pool of economists, marketers, engineers, accountants and consultants. Rice Business develops strong business leaders for impact on the energy sector with the Concentration in Energy. Rice MBAs specializing in energy engage in a well-rounded curriculum that prepares them to meet the global challenges of the future of energy, from geopolitical, fiscal and environmental perspectives. The Concentration in Energy provides students with a profound examination of crucial topics that define the scope of this dynamic sector.

#### **Career Development Office**

business.rice.edu/hire

Seeking MBA talent for your team? We can help!

#### Jessica Campbell

Director, Corporate & Employer Relations JLC11@rice.edu

#### Jennifer Applebee

Associate Director, Recruiting & Employer Relations Jennifer.Applebee@rice.edu

# **Stefanie Engels**

Associate Director, Recruiting & Employer Relations stefanie.engels@rice.edu

**Innovation Sponsors** 





# **KIRKLAND & ELLIS**





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