



Canadian
Heavy Oil
Association

CONFERENCE PROGRAM

CHOA
CONNECTS

7:00am - 6:00pm
Hudson, Calgary, AB
November 7, 2024

THE ONE CONFERENCE FOR ENERGY PROFESSIONALS

TABLE OF CONTENTS

- 3 Welcome**
- 4 What You Need to Know**
- 5 Schedule at a Glance**
- 6 Conference Map**
- 7 Detailed Schedule**
- 10 Thank You to Our Sponsors and Collaborators**
- 11 Biographies of Speakers**
- 14 How CHOA connects**
- 15 Our CHOA Team**



The Canadian Heavy Oil Association (CHOA) is a member-focused, volunteer-driven organization dedicated to transforming our industry into the world's most responsible and innovative oil producer.

Founded in 1986, CHOA strengthens Canada's energy sector and accelerates the careers of our members through a wide range of technical, educational, and networking resources and events. Together, these expand the knowledge, relationships and influence of our members and sponsors within the heavy oil and oil sands community – and beyond. CHOA promotes meaningful information exchange with the public, but does not engage in lobbying.

WELCOME

"The fitting theme of this year's conference is "Forging our future".

Our choice of the word "forging" is very intentional. Forging means leading – within our domestic borders, and beyond them. It means active participation on a global stage – instead of being passive spectators. At home, it means we must work to honor our responsibilities to each other, as many Indigenous communities are still healing.

"Forging" also requires us to look towards a brighter horizon, beyond our need to simply navigate outcomes – towards a future where we actively create better ones.

In that spirit, we will convene to discuss a new definition of energy leadership, a new vision for sustainability, and learn about competitiveness in evolving energy markets. We will hear how Alberta's oil industry is driving innovation in hydrogen, CCUS and DAC (direct air capture), as we find more ways to use our position as an energy superpower to advance climate leadership. And we will talk about the role of oilsands and heavy oil in creating a better future, in every sense of the word.

We stand at the epicenter of Canadian prosperity. We carry both privilege and responsibility – for Canada, and also for the world. Our responsibilities require us to forge ahead in our efforts to build foundational economic and energy security, accelerate innovation and climate leadership, foster peace over conflict, and uphold human rights. These interdependent responsibilities and opportunities are tools that can shape a better tomorrow.

The viable path towards this brighter future is one that can – by definition – only be forged together.

On November 7, 2024, and onwards, I know we will be up for that great challenge."



Jen Turner
Energy Director, Equitable Origin
Vice-President, Board Member
Canadian Heavy Oil Association



WHAT YOU NEED TO KNOW



Use Slido to ask questions to the speakers and answer polls. To access, you can scan the QR code or visit www.slido.com or download the app.



Enter the code **#CHOACONNECTS24**

Getting There:

- The Hudson Loft, 200 - 8 Ave SW, 6th floor (located next to the Hudson Bay Downtown, entrance from 8th Ave, across from the Palace)
- Take Calgary transit downtown or take advantage of the early-bird parking in various parkade locations in the area.

Check-in and Breakfast 7:00am - 8:00am:

- Please register at the front desk and pick up your conference badge.
- Use the QR code at the registration table to access the conference program.
- **The conference starts promptly at 8:00am.**

Breakfast, Lunch, Coffee Breaks and CONNECTS Social

Meals are included in your registration. Two drink tickets for the CONNECTS Social will be provided at the point of registration. During these times, network with industry colleagues and peers. Take time throughout the day to visit the **Trade Show Area**.

QUIET CONNECT Lounge

The Lounge will be an area to relax and enjoy connecting with your peers. Also, if you need a place to do some momentary work, you can make yourself comfortable.

Consent to Use of Multi-Media

Any attendee may be photographed or videotaped. Your attendance gives permission to use your image in future marketing publications for the Canadian Heavy Oil Association.

Photography/Recording Policy

Unauthorized recording is prohibited in the Conference Room and the Trade Show Area, whether photography, video or audio taken by digital camera, mobile phone or other means or form of reproduction.

SCHEDULE AT A GLANCE

7:00 - 8:00 Registration and Breakfast

8:00 - 8:15 Welcoming Remarks

8:15- 8:30 Morning Keynote - Ruby Littlechild

8:30 - 10:00 Shaping the Future of Leadership

10:00 - 10:30 Morning Break

10:30 - 12:30 Unlocking Value: Multilaterals in Heavy Oil and SAGD Project Insights

12:30 - 13:30 Lunch & Lunch Keynote: David Yager

13:30 - 15:00 What is Driving Investment in the Oil Sands?

15:00 - 15:30 Afternoon Break

15:30 - 17:00 Innovative Energy Convergence: Direct Air Capture, Hydrogen and the future of Alberta's upstream industry

17:00 - 17:15 Announcing 2024 Datathon Winners & Closing Remarks

17:15 - 18:00 CONNECTS Social

7:30 - 16:30 Trade Show

7:30 - 16:30 Future Innovators Corner

FORGE

Lead conversations about the key issues that impact the energy, heavy oil, and oil sands industry. Be immersed in thoughtful and honest discussions with industry experts, thought leaders, and inspirational change-champions while delving into the themes of leadership strategies, investment decisions, Indigenous relations, multi-lateral development, direct air capture, hydrogen technologies and more.

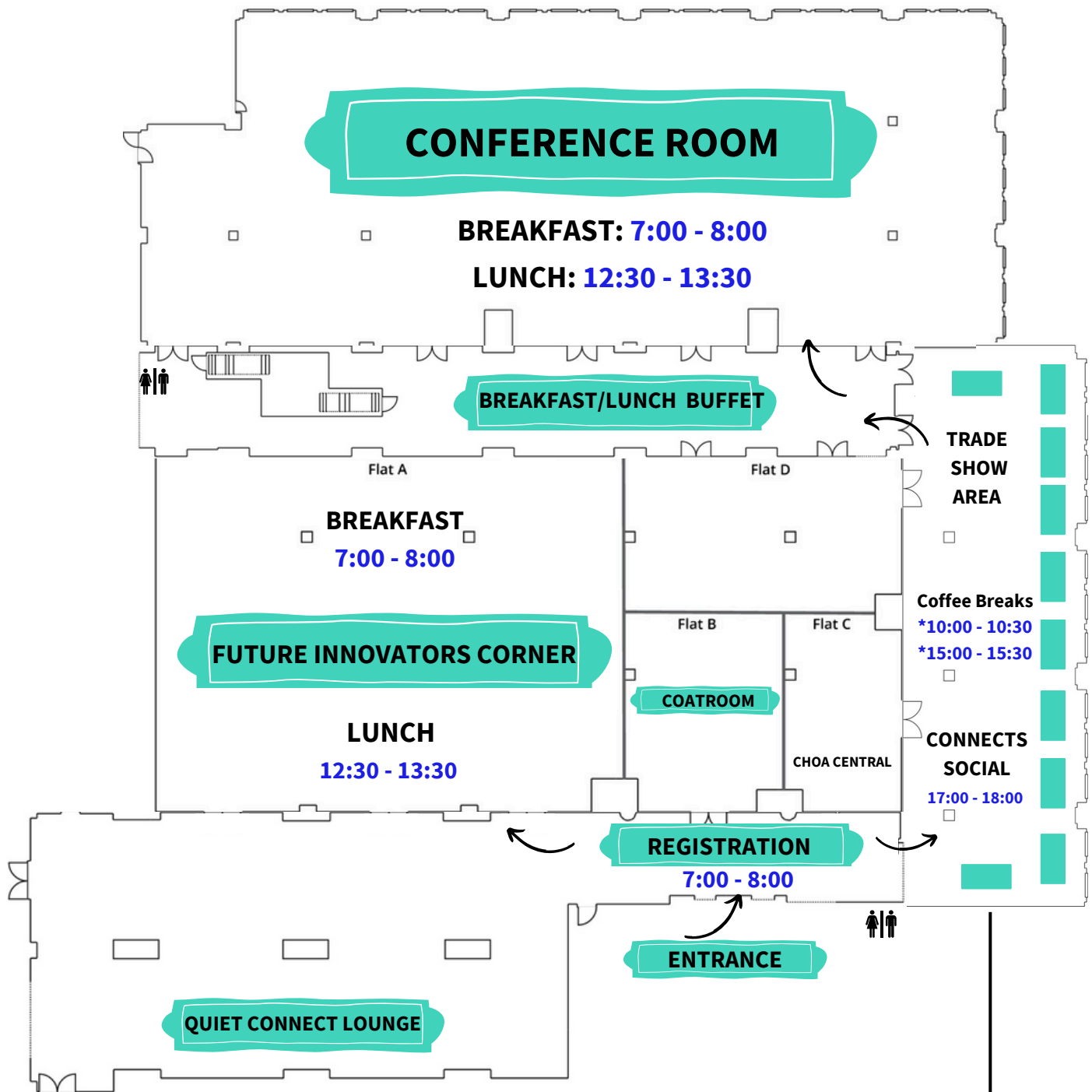
CONNECT

Grow your industry connections by engaging with a diverse network of over 180 subject matter experts, upper management and influential industry professionals with a common goal – to seize the opportunities of the energy transformation.

INSPIRE

Inspire over 100 post-secondary students from the University of Calgary, Southern Alberta Institute of Technology and Mount Royal University attending the conference. Share current innovation needs and challenges in the heavy oil and oil sands, and opportunities that attract the future talent pipeline.

CONFERENCE SITE MAP



TRADE SHOW AREA



DETAILED SCHEDULE

8:00 - 8:30 Morning Keynote: Ruby Littlechild

Ruby Littlechild
National Director
Indigenous Relations
AtkinsRéalis



**Thank you Morning
Keynote Sponsor [GLJ Ltd.](#)**



8:30 - 10:00 Session 1: Shaping the Future of Leadership

Thank you [Southern Alberta Institute of Technology \(SAIT\)](#),
Session 1 Sponsor!



Join us as we delve into the evolving landscape of leadership. This session will explore human resources and leadership challenges, Indigenous economic reconciliation, and the future of the energy industry in terms of human capital. Don't miss this opportunity to gain valuable perspectives and strategies for future-ready leadership.



Dale Hansen
Dean, MacPhail School of Energy,
Southern Alberta Institute of
Technology



Melanie Peacock
HR Consultant
Double M Training and
Consulting



Stephen Mason
Chairman & CEO
Reconciliation Energy Transition
Inc.

10:00 - 10:30 Morning Break

10:30 - 12:30 Session 2: Unlocking Value: Multilaterals in Heavy Oil and SAGD Project Insights

This session delves into advancements in multilateral well design and their application across the Western Canadian Sedimentary Basin. We will also explore the economics behind current SAGD pad development in the McMurray, highlighting how these innovations are driving efficiency and profitability in heavy oil production.



Pavey Gill
Evaluation Engineer
McDaniel & Associates
Consultants Ltd.



Christina Ng
Reservoir Engineering Team
Lead
Athabasca Oil Corporation



Calin Dragoie
VP Geoscience
Chinook Consulting



Brad Gordon
Blackrod Asset Lead
IPC Canada Ltd..

DETAILED SCHEDULE

12:30 - 13:30

Lunch and Lunch Keynote - David Yager



Canada Rejoins the World of Global Energy

David Yager

Special Advisor to the Premier of Alberta,
Executive Council

13:30 - 15:00

Session 3: What is Driving Investment in the Oil Sands

Thank you [BMO Capital Markets](#), Session 3 Sponsor!



The panel discussion aims to provide a comprehensive understanding of the factors driving investment decisions in the oil sands. By connecting business strategies with capital market expectations, the session will highlight the importance of sustainability, innovation, and strategic alignment in securing investment and ensuring long-term competitiveness in the market.



Randy Ollenberger

Managing Director
Oil & Gas Equity Research
BMO Capital Markets



Kent Ferguson

SVP, Strategy,
Sustainability &
Corporate Development
Suncor Energy Inc.



Mike Verney

Executive Vice
President
McDaniel & Associates
Consultants Ltd.



Rob Morgan

Industry Leader/ CEO

DETAILED SCHEDULE

15:00 - 15:30 Afternoon Break

Thank you [HATCH](#), Session 4 Sponsor!

HATCH

15:30 - 17:00 Session 4: Innovative Energy Convergence: Hydrogen, Direct Air Capture and the Future of Alberta's Upstream Industry

Explore how direct air capture and hydrogen technologies are revolutionizing Alberta's upstream oil industry. Presentations in this session will provide insights into the latest advancements and their implications for Alberta energy production, alongside a future outlook for the Alberta upstream industry.



Ericka Rios

Hydrogen and CCUS Manager
Clean Technology
Alberta Innovates



Tom Liles

VP, Upstream Research
Rystad Energy



Christine Baine

VP, Development Lead
Worley 1PointFive Alliance

17:00 - 17:15 Announcing the 2024 Datathon Winners & Closing Remarks

17:15 - 18:00 CONNECTS Social

Thank you [Copoint](#), Registration Sponsor!

Copoint

THANK YOU TO OUR INDUSTRY PARTNERS!

ATHABASCA
OIL CORPORATION

cenovus
ENERGY

SUNCOR

STRATHCONA
RESOURCES LTD

GLJ

BMO



Copoint

Scovan

HATCH



ALFALUZ

HALLIBURTON

EVA

UNRIVALED
UPSTREAM
ANALYTICS

Impact Technology Systems

wood.

McDANIEL

worley
DELIVERING SUSTAINABLE CHANGE

RystadEnergy

CHINOOK
CONSULTING SERVICES

ALBERTA INNOVATES

TIW WESTERN Inc.

tamarack valley ENERGY ltd.

RETI

GREENFIRE
RESOURCES

BANTREL

ONSITE 3D
VIRTUAL DESIGN & CONSTRUCTION

KEYERA



Sanjel ENERGY SERVICES

UNIVERSITY OF CALGARY

SAIT

MOUNT ROYAL UNIVERSITY
1910

UNIVERSITY OF ALBERTA

YWE
Young Women in Energy

CANADA ACTION

Canadian Women In Energy
Calgary Chapter

CSEE
Canadian Society for Evolving Energy

BIOGRAPHIES OF SPEAKERS

Christine Baine, P. Eng. Vice President, Development Lead, Worley 1PointFive Alliance

Christine Baine is an engineering and consulting executive and leads the development portfolio for the 1PointFive Carbon Direct Air Capture (DAC) Program for Worley. Since 1996, she has worked providing environmental and infrastructure services across the global energy, infrastructure and mining sectors. She has held executive leadership roles for Worley's North American Environmental & Infrastructure consulting business, Global Advisory and Capital Projects business and the North American Transport, Infrastructure and Logistics business. Her role with the Worley 1PointFive Alliance is focused on driving the early phase engineering program to support cost effective DAC facility deployment and the development of associated enabling infrastructure including utilities, manufacturing and transportation logistics.

Calin Dragoie, VP Geoscience, Chinook Consulting

Holds an M.Sc. in Geology from the University of Bucharest, Romania, and a P. Geol. Certification from APEGA, ERCB and APEGGS; Geologist with 25+ years of geological operations, wellsite geology and remote geosteering experience, with work done in Western Canada as well as in international projects such as Cuba and Libya. Worked with Chinook since 2008 and focuses on project planning, setting up development projects for remote and on-site geosteering, implementing new approaches and new technologies.

Kent Ferguson, SVP, Strategy, Sustainability & Corporate Development, Suncor Energy Inc.

Kent Ferguson, Senior Vice President, Strategy, Sustainability and Corporate Development, is accountable for Suncor's strategy and investment portfolio, sustainability, as well as commercial and corporate development. Kent brings over 25 years of energy industry experience to the role, including an extensive understanding of the Canadian market. Throughout his career at RBC, Kent had a variety of roles leading global and energy market activities. Before joining Suncor, his most recent position was the Managing Director and Co-Head of Global Energy at RBC Capital Markets. While with RBC, Kent served as a driving force on a number of key initiatives including Indigenous finance, climate change, emissions, energy policy, sustainable finance, environmental markets, energy transition, as well as diversity and inclusion. Kent is a CFA, charter holder, CFA Institute and holds a Bachelor of Commerce degree from the University of Saskatchewan.

Pavel Gill, Evaluation Engineer McDaniel & Associates Consultants Ltd.

Pavey Gill is an Evaluation Engineer at McDaniel & Associates. He holds a Bachelor of Science in Chemical Engineering and a Master of Management from the University of Calgary. In his role at McDaniel, Pavey uses his robust blend of technical expertise and business acumen to create economic evaluations of oil and gas assets for several public and private operators. He is especially passionate about waterflood/EOR projects and the emerging use of multilateral wells for heavy oil recovery in conventional reservoirs in Western Canada. In addition to the evaluation of oil and gas assets, Pavey is also involved in commodity price forecasting for McDaniel. Pavey has over 3 years of experience in the oil and gas industry.

Dale Hansen, Dean, MacPhail School of Energy, Southern Alberta Institute of Technology

Dale Hansen is the Dean in the MacPhail School of Energy at SAIT, providing leadership for its academic programs that span across the energy industry.

Prior to joining SAIT, Dale spent 25 years in the oil and gas and mineral resource sectors. Through the course of his career in oil and gas, Dale filled a wide variety of leadership roles across many functions, including time spent in field locations such as the Oil Sands near Fort McMurray. This has provided him with a well-rounded perspective on the industry and an absolute passion for energy in all of its forms. Dale is an experienced facilitator and speaker who holds a Chartered Professional Accounting (CMA) designation and a Master of Arts degree in Leadership from Royal Roads University.

BIOGRAPHIES OF SPEAKERS



Tom Liles, VP, Upstream Research Rystad Energy

Thomas Liles is a VP of Upstream Research at Rystad Energy, an independent research and business intelligence company headquartered in Oslo, Norway. Currently based in New York, Thomas joined Rystad in late 2015 as one of the first analysts in the company's Moscow office and has broad exposure to global upstream developments. Additionally, he maintains a regional specialization in Canadian heavy oil and manages Rystad's upstream data quality for Canadian supply and economics modeling. He regularly publishes and speaks on the upstream space and associated developments around egress, M&A activity, and sustainability. Thomas holds an M.A. from Harvard University's Graduate School of Arts and Sciences and a B.A. from the University of North Carolina at Greensboro.



Ruby Littlechild, National Director, Indigenous Relations

Ruby's service extends to numerous government and national boards, reflecting her dedication to community and social development. Her current and past affiliations include the Alberta Child and Family Services Board, Alberta Historical Resources Foundation, Neyaskweyahk Group of Companies Inc. and the Alberta Indigenous Opportunities Corporation. At the heart of Ruby's work is a passion for promoting healing, higher education, First Nations awareness, inclusion, and equality within Canada's infrastructure industry and economy. She is a tireless advocate for Indigenous inclusion across all sectors, recognizing that shifts in social consciousness and ethical practice are vital to sustainable socio-economic development in First Nation's communities.



Stephen Mason, Chairman & CEO Reconciliation Energy Transition Inc.

Stephen Mason, Chairman and CEO of Reconciliation Energy Transition Inc. (RETI), brings over four decades of expertise in energy ventures, focusing on Indigenous equity ownership and ESG performance. He has successfully developed seven energy companies, including Artumas Group, which significantly impacted East Africa's oil & gas sector and reached a \$1 billion enterprise value. Previously, he led Kainji International and Talio Energy. Mason has secured over \$700 million in funding and collaborates with high-level policymakers, and Indigenous nation leaders. A recipient of the Queen Elizabeth II's Platinum Jubilee Medal, he champions sustainable, inclusive energy solutions.



Rob Morgan, Executive Vice President Strathcona Resources Ltd

Rob is a Professional Engineer with more than 35 years of experience in the oil and gas industry, largely focused on heavy oil and Montney development. In addition to his previous roles as Director, President and Chief Executive Officer of Cona Resources, Rob has extensive senior management experience including six years as Chief Operating Officer at Crew Energy Inc. and various executive positions with Harvest Operations Corporation, Viking Energy Trust and Petrovera Resources Ltd. Rob holds a Bachelor of Science degree in Chemical Engineering from the University of Saskatchewan. He also sits on the Board of Directors for Explorers and Producers Association of Canada and is a member of the Alberta Security Commission's Petroleum Advisory Committee.



Christina Ng, Reservoir Engineering Team Lead Athabasca Oil Corporation

Christina Ng is a dedicated reservoir engineer with almost 15 years of experience in oil sands production and development. With her extensive background in various thermal EOR methods across Alberta and Saskatchewan, she specializes in optimizing reservoir performance to maximize asset value. Christina is passionate about leveraging technology and analytical skills to implement effective strategies to enhance reservoir performance. Her expertise includes reservoir characterization, production forecasting, and data analysis, allowing her to identify opportunities for efficiency improvements and cost reductions. She thrives in collaborative environments, working closely with cross-functional teams to drive performance. Christina's strong leadership skills and commitment to continuous learning make her an asset in the ever-evolving energy sector.

BIOGRAPHIES OF SPEAKERS



Melanie Peacock, HR Consultant Double M Training and Consulting

Dr. Melanie Peacock, of Double M Training and Consulting, has over 30 years of Human Resources Management expertise, excelling in roles as a senior manager, independent consultant, author, and educator. As a retired University professor, she remains dedicated to engaging with others to share information, thereby enabling people to embrace lifelong learning opportunities. Recognized for her outstanding contributions, she received HRD's 2020 Lifetime Achievement Award at the Canadian HR Awards. Additionally, CPHR Alberta has honored her with the Fellowship designation and Distinguished Career Award. Melanie was the recipient of the inaugural Mount Royal Faculty Association Teaching Excellence Award as well as a Distinguished Alumni Award from Western University.



Randy Ollenberger, Oil & Gas Producers Analyst BMO Nesbitt Burns Inc.

Randy leads BMO Capital Markets' coverage of the North American oil and gas industry, covering the Canadian integrated, large cap oil & gas producers and oil sands companies. Randy has been voted #1 in large-cap oil & gas coverage in 11 of the last 12 years in the Brendan Wood International survey, including the most recent 2018 survey. He has been a highly ranked analyst since 2001. Prior to joining the brokerage business in 1996, Randy worked in the oil and gas industry in Calgary for nine years with PanCanadian Petroleum, the Alberta Petroleum Marketing Commission, and the Canadian Association of Petroleum Producers (CAPP). He has testified as a policy and expert witness before the National Energy Board (NEB), Alberta Energy and Utilities Board (AEUB), and U.S. Federal Energy Regulatory Commission (FERC). Randy holds a B.A. in economics and an M.A. in economics from the University of Saskatchewan.



Ericka Rios, Hydrogen and CCUS Manager Clean Technology, Alberta Innovates

Ericka Rios, the Clean Technology Manager at Alberta Innovates, boasts an impressive career that spans continents and academic institutions. With over 15 years of experience, she has made significant contributions to the field of clean energy and sustainability. Ericka's background includes thermal recovery methods R&D, currently focusing on carbon dioxide removal (CDR) efforts, as well as engaging with Bioenergy with Carbon Capture and Storage (BECCS) technologies, combining bioenergy (such as biomass) with carbon capture to achieve negative emissions.



Mike Verney, Executive Vice President McDaniel & Associates Consultants Ltd.

Mike Verney is Executive Vice President at McDaniel. He leads McDaniel's North American reserve practice and has prepared numerous bitumen evaluations for over 15 years. Recently, he has completed several North American oil supply studies, to understand the longevity of supply in the decades to come.



David Yager, David Yager, Special Advisor, to the Premier of Alberta, Executive Council

David Yager is an oil service executive, entrepreneur and writer, author and energy policy analyst. Since 1971 he has worked in multiple oilfield service and industrial sectors. From 1987 to 2012 was a founder, senior officer and director of three successful TSX-listed oil service companies. From 2012 to 2016 he served as National Leader Oilfield Services for MNP LLP. Through Yager Management Ltd., he consults as a finance, management and energy policy advisor to exploration and production companies, oil service companies, and trade associations, and served as chair of the Petroleum Services Association of Canada. David Yager has been active in business journalism and energy policy analysis since 1979. David Yager's book - From Miracle to Menace – Alberta, A Carbon Story – was released in 2019. In 2023 he served as chair of the Premier's Advisory Council on Alberta's Energy Future and conducted an independent review of the Alberta Energy Regulator. His current position is Special Advisor to the Premier on energy policy.



Brad Gordon, Blackrod Asset Lead IPC Canada Ltd.

Brad Gordon is the Blackrod Asset Lead at IPC, with a Petroleum Engineering degree from Montana Tech and over 15 years of experience in the oil and gas sector. He joined IPC (formerly Blackpearl) in 2009, where he has developed extensive expertise in commercial project development and asset management. Brad has extensive knowledge of the Blackrod commercial project and has overseen the Blackrod Pilot for over a decade. His work has provided valuable insights and advancements throughout the project's various phases of development. In this session, Brad will give an overview of the Blackrod project, sharing key insights on its development and strategic direction. He will discuss lessons learned from pilot operations and the path forward for the next phases of the project.

HOW CHO A CONNECTS

CHOA Memberships

Members can access premium content created specially for those in the Canadian heavy oil and oil sands sector. As a member, you will have access to:

1. Monthly Project Updates
2. All issues of the CHOA Journal
3. New and previously recorded webinars
4. Opportunities for volunteer
5. Professional development hours (PDH)



Volunteer Opportunities

CHOA is a volunteer-driven organization, and the success of our programs is tied to the expertise and enthusiasm of our many amazing volunteers. Volunteering with CHOA is a fulfilling way for you to contribute to our industry, while at the same time benefitting from making meaningful connections with other professionals and increasing your own knowledge and influence.

CHOA eJournal

CHOA's JOURNAL is evolving ...

What's New:

- Weekly publishing of a new CHOA eJournal article
- Weekly articles periodically collected into the quarterly CHOA Journal flipbook magazine published

What's the Same:

- Insightful technical and business information targeted to your interests
- Reaching CHOA's audience over 13,000+ every week



Interested in advertising in the CHOA eJournal, contact office@choa.ab.ca for details.



CHOA Sponsor Program

Do you want to support CHOA deliver high-quality technical content and strategic networking events? Become a CHOA Corporate Sponsor.

Visit our website www.choa.ab.ca to explore the benefits of our Sponsor Program and to download the Annual Sponsorship Package.

OUR CHOA TEAM

CHOA exists to build and support a community that sparks the shifts and drives the advances necessary to increase the competitiveness and contributions of our heavy oil and oil sands industry through the energy transition.

CHOA is a non-profit organization that brings together a full range of stakeholders at all levels: operating companies, oilfield services, professional & financial services, indigenous communities, education & research institutions, and government & regulatory agencies.

We provide diverse platforms to 'CONNECT. SHARE. LEARN. LEAD.' through knowledge exchange and fostering solutions to the current challenges of our industry. We create opportunities for professional development, relationship-building, and leadership across the community working in heavy oil, oil sands, CCUS, hydrogen, and energy-related and adjacent sectors.

CHOA BOARD OF DIRECTORS

Caralyn Bennett
President

Justine Strawbridge
VP & Secretary

Jennifer Turner
Vice President

Gordon Holden
Treasurer

Dean Anderson
Director

Dale Hansen
Director

Yunji (Jimmy) Jiang
Director

Paul Krawchuk
Director

Kerry McGrath
Director

Nael Sadek
Director

Valerie Stewart
Director

Alan To
Director

LOGISTICS AND ADMINISTRATION

Andreea Munteanu
Executive Director

Kaleigh McCorquodale
Events Manager

Penny Archer
Operations Support

THANK YOU **CONNECTS** ORGANIZING COMMITTEE



Phebe Chung
Business Development
Representative
Applied Petroleum Technology



Lauren Guhl
Manager, Marketing and
Communications
Sanjel



Mary Hansen, P.Eng
Director, Energy Advisory
McDaniel & Associates



Owen Henshaw
Innovation
Cenovus Energy



Gordon Holden
Principal
Energy Strategies &
Projects Associates Inc.



Lindsay Huys
Corporate Communications
Specialist
Bantrel



Jenya Sergeeva
Evaluation Engineer-in-Training
McDaniel & Associates



Valerie Stewart MBA
Senior Director
Business Development
Worley



Jian-Yang Yuan
Senior Reservoir Consultant
MEG Energy Corp.



At CHOA we believe that by coming together to share ideas and educate the next generation, we can tackle the unique challenges of our industry and supply humanity with the responsible energy it requires.





Connect. Share. Learn. Lead.

www.choa.ab.ca

Follow us:



Contact us: office@choa.ab.ca