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8:30 A.M. - 10 A.M.
BREAKING GROUND - A CONVERSATION WITH SAFETY TRAILBLAZERS**

FIRESIDE CHAT
A CONVERSATION WITH SAFETY TRAILBLAZERS**

Safety in the workplace is a constantly evolving field, merging technical precision with creative problem-solving to safeguard lives and improve work environments. It's diverse, dynamic, and essential in every industry. Yet, navigating a career in safety is not without its challenges, especially in a field often dominated by men.

*In *Breaking Ground - A Conversation with Safety Trailblazers,* join two leaders who have forged successful careers in safety as they reflect on the roadblocks and rewards of their journeys. Through candid discussions, they will explore critical topics like leading change in male-centric industries, identifying key allies who can support your career (the 'people toolkit' every professional needs), and fostering a culture of safety that grows from within.*

This session offers valuable insights for anyone seeking to advance their career in safety or champion a safer workplace. Attendees will gain perspectives on driving safety culture, discover what these trailblazers wish they could tell their younger selves, and walk away with actionable ideas to lead and inspire in any setting.



Nuala Reilly: Nuala's journey into the realm of Safety is nothing short of inspiring. After spending over 15 years navigating the intricacies of administrative roles and championing creative entrepreneurship, she discovered her true calling. In the dynamic world of Marine Construction in Saint John, NB, Nuala seamlessly blends her artistic flair with the rigorous demands of safety protocols, creating a unique synergy that sets her apart.

Her multi-faceted background as a writer, painter, coach, and theatre enthusiast equips her with a rich tapestry of skills and perspectives. This diversity enables her to approach safety with a fresh and innovative outlook. She's not just ticking boxes; she's revolutionizing the way safety is perceived and implemented.

As a mother of five grown children, Nuala has mastered the art of juggling responsibilities and thrives on finding inventive ways to keep everyone engaged and motivated. Her passion for continual learning and her dedication to her craft are evident in every project she undertakes. Nuala is a testament to the power of following one's passions and the extraordinary outcomes that can result when creativity meets technical expertise.



Jill Whitebone, CRST, CDS is the current Field Safety Manager with the City of Saint John. Prior to joining "the City", she spent nearly a decade working in various safety roles in Trucking and Transportation which has allowed her to develop a wide cross section of knowledge.

She is an empowering empathetic leader with experience in difficult "traditional" industries. Her strong work ethic, promotion of safe work practices and strong commitment to community involvement are evident in all that she does. She is a pillar of the larger Occupational Health and Safety community throughout New Brunswick.

Jill is passionate about health and safety and sharing this knowledge with others. This has led to her volunteering with several organizations including PALS, Big Brother/Big Sisters, Threads of Life and joining boards such as the former CSSE and APTA Safety Council.

She influences and leads from a place of inclusion, bringing the people around her with her on the journey of change and as a result, she inspires those around her. A problem solver who believes in lifelong learning, she feels fortunate to have worked with dedicated teams that are committed to ensuring that everyone returns home safely.

Jill holds the CRST designation from the Board of Canadian Registered Safety Professionals, CDS designation from NATMI and is currently working on completing her Occupational Health and Safety Diploma from UNB.

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10:30 A.M. - 12 P.M. LIDAR TECHNOLOGY, REALTY CAPTURE, VIRTUAL DESIGN CONSTRUCTION AND BUILDING INFORMATION MODELING**

Colin Gillis - Owner and CEO, Smarter Spaces Inc.

Smarter Spaces is delighted to present the latest innovations in Lidar, Reality Capture, and Virtual Tours. We will explore how engineers worldwide are leveraging cutting-edge technology and software to enhance the quality of their work, streamline project timelines, and generate substantial cost savings for both themselves and their clients. We will share a comprehensive understanding of Lidar technology and point clouds, and their direct relevance to the field of engineering. Discover how advanced technology can be effectively employed in renovation projects, and the specific problems it can resolve.

Colin brings a vast amount of industry experience in the areas of Lidar Technology, Reality Capture, Virtual Design Construction, and Building Information Modeling. With decades of experience, the Smarter Spaces team has the knowledge and expertise to deliver results. Project managers by training, we have an in-depth understanding of the construction field and are best qualified to handle your company's needs. Our services range from using 3D scanning to capture and analyze building and location data to the preparation of 3D Virtual Tours—and more. As CEO, Colin is passionate about Property Technology and innovation and enjoys educating the AEC industries about how it is mitigating risks, reducing schedules, and saving money. Colin enjoys the outdoors, fishing, spending time with his boys, and volunteering with the IWK and Minor Hockey.

Buffet Lunch 12-1:30 | 12H-13H30

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1:30 P.M. - 2:30 P.M. UNEARTHING THE PAST: EXPLORING NEW BRUNSWICK'S GEOLOGY AND FOSSIL DISCOVERIES

Matt Stimson, Assistant Curator of Geology and Paleontology, New Brunswick Museum

Join us for an exploration of the New Brunswick Museum's (NBM) Geology and Paleontology collections, where we'll take a journey through time to uncover the province's geological history and the scientific significance of its fossil discoveries. This presentation will highlight key finds from New Brunswick, emphasizing recent discoveries that reveal critical insights into the Earth's development and environmental changes over millions of years.

A focus on the collaborative nature of these discoveries will underscore the importance of citizen science, illustrating how local community involvement has led to significant contributions in geological and paleontological research. Additionally, we'll discuss the NBM's pivotal role in curating these findings, supporting public and professional engagement, and serving as a resource for the engineering and geoscience communities worldwide. This talk will provide insight into how these collections drive innovation and understanding in the natural sciences, benefiting both academic research and practical applications.

In addition to his work as Assistant Curator of Geology and Paleontology with the New Brunswick Museum, he is also a PhD candidate in paleontology with Saint Mary's University. Stimson's doctoral research examines vertebrate and invertebrate ichnology to determine what this trace fossil record of animal behaviour can reveal about the paleoecology of the early Carboniferous Period (about 350 million years ago) in what is now New Brunswick. He has a particularly keen interest in unravelling the mysteries of the little-understood time interval known as "Romer's Gap" -- that pivotal evolutionary moment during which amphibians first transitioned from living in water to living on land.

Stimson's lifelong obsession with ichnology was sparked by his childhood explorations of the renowned fossil-rich cliffs around Joggins, Nova Scotia. A few years later, while still an undergraduate student, Stimson published on the world's smallest footprints (discovered at Joggins) in the international journal of ichnology, *Ichnos*. His article remains the most read in that journal to this day.

Exciting recent discoveries in New Brunswick that Stimson has been part of have included the 350 million year old *Sanfordiacaulis densifolia* "tree" which drew international attention with high profile media coverage, fossil footprints that are among the oldest on all of continental North America, and the oldest evidence of Mesozoic fauna found anywhere in Canada.