



CLEAN LESSONS LEARNED SERIES

NEXT STEPS TO SAFELY OPEN ECONOMIES AND GET BACK TO WORK.

BROUGHT TO YOU IN COLLABORATION WITH:



THIS IS THE CLEAN 'LESSONS LEARNED' SERIES.

A series of monthly live-streamed events, **CLEAN Lessons Learned** features expert-led sessions, covering current best practices, data-driven solutions, and innovative technologies to help people feel confident and safe gathering indoors.

CLEAN Lessons Learned Series brings together leaders from biosafety, biosecurity, indoor air quality associations, and standards development organizations to assess knowledge gaps, science-based best practices, and lessons learned to help people get back to work safely.

THE FOCUS:

- **Increasing awareness** of the known routes of transmission for prominent pathogens indoors and building confidence in demonstrated mitigation strategies (e.g. air filtration, mask-wearing, cleaning, and decontamination).
- **Translating knowledge** from quality control, infection control, and biosecurity communities to inform **risk management strategies**.



- Gaining a stronger understanding of **organizational and psychological barriers** to change as our scientific knowledge develops.
- Exploring **recent technology innovations and relevant use cases for exposure reduction strategies** (including water and wastewater monitoring, surface transfer reduction, air monitoring, and exposure reduction).

THE GOALS

- Knitting together **disparate technical disciplines** and knowledge spheres to **promote confidence** in the implementation of **control and management practices** aimed at **reducing viral transmission**.
- Defining existing knowledge products and **data driven solutions critical for economic and social vitality**.
- **Identifying opportunities for collaboration** across industry, government, and academic stakeholders to rapidly **address identified needs and capability gaps**.
- **Identifying research, knowledge, and standards development activities** across environmental microbiology, building science and engineering, transmission, and social sciences poised to **increase public confidence and reopen economies worldwide**.

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UPCOMING SESSION:
SEPTEMBER 21, 2021 AT 6:00 PM EST /
SEPTEMBER 22, 2021 AT 8:00 AM AEST

RESILIENCE, RECOVERY, RETURN.

GETTING BACK TO SCHOOL CONFIDENTLY AND SAFELY.

This session will focus on opportunities to translate science and knowledge from infection control and biosecurity communities to reduce exposure and better manage risk while going back to school. We will also look at the stresses faced by students and teachers as the classrooms refill.

We will explore tools, best practices, and methods we can easily implement in schools and education organizations to reduce the risk of infection for students, teachers, and the community.

From recent findings in clinical psychology to air quality controls, join us as we deep-dive into Resilience, Recovery, Return: The 3 Rs to getting back to school confidently and safely.

CONFIRMED PANELISTS

Kate Cole



Kate Cole is a multiple award-winning scientist & engineer, with a key focus on the control of airborne hazards, informed through the completion of a Winston Churchill Fellowship.

Named as one of the Top 100 Women of Influence by the Australian Financial Review, Kate is a Certified Occupational Hygienist, one of Science & Technology Australia's Superstars of STEM, and is the current President-Elect of the Australian Institute of Occupational Hygienists.

Kate is a passionate advocate for protecting the health and safety of workers and has been supporting the COVID-19 pandemic through providing specialist expertise on ventilation, respiratory protection, and health and safety more broadly.



Bryon Price

Bryon Price is a professional engineer with long and notable experience in building services. He is the Strategic Development Director for the A.G. Coombs Group of Companies.



Bryon is Chair of the Board of the Facility Management Association of Australia and Global FM Board member.

He is a long-standing member of the Board of the Australian Institute of Refrigeration, Air conditioning and Heating – AIRAH, and a member of the Board of Australian Refrigeration and Building Services - ARBS.

He is an Australian Co-Chair of The International WELL Building Institute Task Force on COVID-19 and Other Respiratory Infections.



Dana Hollins

Ms. Dana Hollins is an Epidemiologist and board certified Industrial Hygienist with 16 years of professional experience in industrial hygiene, environmental and occupational epidemiology, exposure assessment, and human health risk assessment. A significant portion of her practice is dedicated to researching, measuring exposure, reconstructing dose and exposure and assessing risks to consumers, communities and workers exposed to a variety of chemicals.

Ms. Hollins has also been involved in preparing guidance documents and health and safety plans to assist organizations prepare and respond to the COVID-19 pandemic including developing risk management and communication strategies, and return to normal operations plans.

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Dr. Melissa Marlot



Ms. Hollins is the 2020 recipient of the AIHA Kusnetz award. She currently serves on the Editorial Board for the Toxicology and Industrial Health journal.

Ms. Hollins served on the AIHA COVID-19 Re-Open America Guidelines Task Force, which just recently received the 2020 AIHA Social Responsibility award, and the 2020 AIHA President's award, and currently serves on the AIHA Back to Work Safely (BTWS) Tiger Team.

Ms. Hollins has co-authored over 60 published papers and scientific presentations, and recent guest edited a special edition for the TIH journal devoted entirely to COVID. She received her Master's in Occupational and Environmental Epidemiology from the University of Michigan.



Jennifer Hughes, PhD, MPH

Jennifer L. Hughes, Ph.D., M.P.H., is an Associate Professor and Licensed Psychologist at the UT Southwestern Center for Depression Research and Clinical Care (CDRC).

She is the head of the CDRC Risk and Resilience Network, which aims to build partnerships with local schools and youth community organizations to implement mental health promotion and suicide prevention programs, as well as to work together to better understand resilience and risk in youth.

Dr. Hughes is also the Operations Lead for the UT Southwestern Texas Youth Depression and Suicide Research Network, an initiative of the Texas Child Mental Health Care Consortium.

Dr. Hughes is currently on the Executive Board of the American Psychological Association Division 53 Society of Clinical Child and Adolescent Psychology (SCCAP) and served as a past Chair of the Association for Behavioral and Cognitive Therapies (ABCT) Child and Adolescent Depression Special Interest Group (SIG).



Joanne Beames, PhD

Dr Beames is an early-career postdoctoral research fellow at the Black Dog Institute, University of New South Wales (2019-current). She is also a 2019 UNSW Women in Maths and Science Champion and practicing clinical psychologist, registered with the Psychology Board of Australia. She received her Masters in Psychology (Clinical) and PhD at the School of Psychology UNSW in 2019, and her Bachelor of Psychology (Hons 1) at the same university in 2014.

Dr Beames has expertise in the prevention and treatment of mental health problems including depression and anxiety in young people, the use of e-health technologies in mental health, and implementation research conducted at scale. Dr Beames is currently investigating the implementation of evidence-based digital technology to universally prevent depression in young people in schools.

Her work aims to improve the reach, uptake, and effectiveness of psychological interventions in schools, and therefore improve mental health outcomes for young people.

She is also the recipient of a competitive Wellcome Trust Active Ingredients Commission (2020), as part of a worldwide effort to identify the “best bet” components of psychological interventions for young people. This work identified the key role of affective awareness in the prevention and early intervention of youth depression and contributes to the Trust’s ongoing international efforts to understand what works for whom.

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Hunter Heck

Hunter Heck is a first-year law student at the University of Virginia School of Law and former student body president at Texas Tech University. In May 2021, she graduated summa cum laude with

a B.A. in Philosophy and Spanish from Texas Tech University as a Highest Ranking student and with honors from the Honors College. Her other graduation honors include Honors College Student of the Year, Department of Philosophy Outstanding Senior, and Banner Bearer for the Honors College. She is also a member of Phi Beta Kappa and Phi Kappa Phi.

At Texas Tech, Hunter served as president and senator at-large for Student Government Association, president of Mortar Board National College Senior Honor Society, peer mentor for the Honors College First-Year Engagement Program, and 2019 Homecoming Queen. As an Honors College Undergraduate Research Scholar, Hunter studied feminist legal theory and analyzed the impact of gender bias on voting behavior, representation, and the electability of women to United States executive office. She was recognized as Outstanding Undergraduate Researcher at the Texas Tech University Undergraduate Research Conference 2021.

Her prior work experience includes a congressional internship for the United States Senate and legal internship for the Texas Tech University System Office of General Counsel. Following graduation from Virginia Law, Hunter hopes to pursue a career in government and public service. Her areas of interest include appellate litigation, civil rights, and constitutional law.



FOLLOW-ON PANEL DISCUSSION SESSIONS

- **Country to Country comparison** to highlight resource constraints such as:
 - Access to PPE, therapeutics and vaccines.
 - The human factors that are showing up as a result of cultural differences.
- **Pro/Con sessions** to do a deeper dive on topics, hearing both sides. Potential topics include:
 - Eradication versus Control.
 - Infectious disease medical doctors versus Industrial hygienists.
 - Secondary illness versus Isolation.
 - Vaccination versus Engineering Controls.
 - Economic/Sustainability versus Public health and Infection prevention.

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