

**Wednesday, May 26, 2021 | 11:30 am – 4 pm**

ZOOM Webinar

This is a half day virtual event focusing on COVID-19 Research.

Time	Activity	Speaker
<b>Introduction</b>		
11:30-11:40 am	Welcoming remarks	James Clarke, MD
11:40-11:55 am	Program overview, including Event Schedule, Introduction to Clinical Research Center, Poster Session Instructions, and Research Award	James Jarvis, MD, FAAFP
<b>Session 1 – Future of Translational Medicine</b>		
12-12:05 pm	Introduction to keynote speaker	Clifford Singer, MD, DFAPA, AGSF
12:05-12:55 pm	<b>Keynote Speaker</b> Topic: Future of Translational Medicine	Edison Liu, MD
Break (5 minutes)		
<b>Session 2 – Social Isolation</b>		
1-1:05 pm	Introduction to presenter	James Jarvis, MD, FAAFP
1:05-1:55 pm	<b>Presenter</b> Topic: Health Effects of Social Isolation: Focus on Older Adults	Clifford Singer, MD, DFAPA, AGSF
Break (5 minutes)		
<b>Session 3 – Northern Light Health Panel Discussion</b>		
2-2:05 pm	Introduction to panelists	Clifford Singer, MD, DFAPA, AGSF
2:05-2:55 pm	<b>Panel Discussion</b> Topic: COVID-19 One Year Later: Panel Discussion on What We Have Learned	Orin Buetens, MD Sarah Buss, PhD, D(ABMM) James Douglas, DO Rebekah Gass, MD James Jarvis, MD Kyle Massey, PharmD
<b>Session 4 – Healthcare Environment</b>		
Break (5 minutes)		
3-3:05 pm	Introduction to presenter	Clifford Singer, MD, DFAPA, AGSF
<b>Session 4</b> 3:05-3:55 pm	<b>Presenter</b> Topic: The Fast-paced, Ever-Changing Healthcare Environment: SARS-CoV-2 Presence During 2020-2021 Pandemic	Debbie Saber, PhD, RN, CCRN-K
<b>Online – Poster Sessions</b>		
<b>Poster Presentations</b>	Available online by visiting: <a href="https://northernlighthealth.org/Research-Expo-2021-Posters">northernlighthealth.org/Research-Expo-2021-Posters</a>	

## Keynote Speaker



### Edison Liu, MD

#### **President and CEO, The Jackson Laboratory**

Dr. Liu is an international expert in cancer biology, systems genomics, human genetics, molecular epidemiology, and translational medicine. Dr. Liu's own scientific research has focused on the functional genomics of human cancers, particularly breast cancer, uncovering new oncogenes, and deciphering on a genomic scale the dynamics of gene regulation that modulate cancer biology. Previously, he was the founding executive director of the Genome Institute of Singapore and the president of the Human Genome Organization. He was also the scientific director of the National Cancer Institute's Division of Clinical Sciences in Bethesda, where he oversaw the intramural clinical translational science programs. In his earlier career, Dr. Liu was a faculty member at the University of North Carolina at Chapel Hill, where he was the director of the UNC Lineberger Comprehensive Cancer Center's Specialized Program of Research Excellence in Breast Cancer; the director of the Laboratory of Molecular Epidemiology at UNC's School of Public Health; and the Chief of Medical Genetics. He has authored more than 320 scientific papers and reviews and co-authored two books. He obtained his Bachelor of Science in chemistry and psychology, as well as his medical degree at Stanford University. He received his residency and fellowship training at Washington University, St. Louis, and Stanford, and post-doctoral training in molecular oncology at the University of California at San Francisco.

## Presenters



### Orin Buetens, MD

#### **Pathologist, Dahl-Chase Pathology Associates, Medical Director, Northern Light Laboratory**

Dr. Buetens is a graduate of Tufts University and Tufts University School of Medicine. He completed his residency in anatomic and clinical pathology at the Johns Hopkins Hospital in Baltimore followed by fellowships in surgical pathology and blood banking/transfusion medicine at the Johns Hopkins Hospital; since 2003 has been a practicing pathologist with Dahl-Chase Pathology Associates and is currently the medical director of Northern Light Laboratory in Bangor as well as the Northern Light Sebasticook Valley and Northern Light Mayo Hospital laboratories. Areas of primary clinical interest include clinical chemistry, transfusion medicine and surgical pathology.



### Sarah Buss, PhD, D(ABMM)

#### **Director, Clinical Microbiology, Northern Light Laboratory**

Dr. Buss is the microbiology director for Northern Light Laboratory and an instructor for the Medical Laboratory Scientist program at the University of Maine. Prior to coming to Maine, she served as the director of the Wyoming Public Health Laboratory. Dr. Buss earned her PhD at the University of Virginia Medical Center and then completed a CDC Emerging Infectious Diseases Research Fellowship at the Wadsworth Center and a medical microbiology fellowship at the University of Nebraska Medical Center.





### **James Douglas, DO**

#### **Regional Medical Information Officer, Mid Maine Region and Co-Chair Clinical Stakeholder Group, Northern Light Health**

Dr. Douglas has been in his Family practice for 31 years, and regional medical information officer for nearly five years. He is happily married to his wife Crystal and they just celebrated their 34th wedding anniversary! Proud parent of two; his daughter Eloise is a Highschool Librarian; and his son Cameron is a Nurse Midwife and second year Emergency Medicine Resident. In his free time, Dr. Douglas is a Sea Kayaking guide in the state of Maine.



### **Rebekah Gass, MD**

#### **Physician Lead, Infectious Disease Care and Co-Director, Antimicrobial Stewardship Program, Northern Light Eastern Maine Medical Center**

Dr. Gass received her medical degree from Dalhousie University in 1989 and completed an Internal Medicine residency at the University of Toronto. She earned an outpatient internal medicine fellowship at the VA Medical Center/OHSU in Portland, Oregon followed by an infectious disease fellowship at the University of Colorado Health Sciences Center where she studied HIV drug resistance. She was in private practice in Denver at Presbyterian Saint Luke's Medical Center with an active General Infectious Diseases practice with concentration on HIV infection, complex limb-threatening infections, and infections in hematologic malignancies. Dr. Gass came to Bangor in 2008 to be closer to her family in Nova Scotia. She is an active member of the COVID-19 response at Northern Light Eastern Maine Medical Center and is on the Maine DHHS Vaccine Clinician Speakers Bureau.



### **James Jarvis, MD, FAFAP**

#### **Director, Clinical Education, Northern Light Eastern Maine Medical Center and Senior Physician Executive System Incident Command, Northern Light Health**

Dr. Jarvis is the Director of Clinical Education for Northern Light Eastern Maine Medical Center and Northern Light Health. He has served as the clinical lead physician for the Northern Light Health response to COVID-19 since early on in the pandemic. He was trained in the United States Air Force where he went on to serve as the Triage Officer for the 56th Medical Operations Squadron. He is a McAfee Fellow of the Hanley Institute and the Heller School for Social Policy and Management as well as a Past President of the Association of Family Medicine Residency Directors. Currently he serves on the faculty of the University of New England College of Osteopathic Medicine and the University of Maine Institute of Medicine. He has been with Northern Light Health for 13 years.



### **Kyle Massey, PharmD, BCIDP**

#### **Clinical Specialist, Infectious Diseases, and Co-Director, Antimicrobial Stewardship Program, Northern Light Eastern Maine Medical Center**

Dr. Massey received his Doctor of Pharmacy degree at the Thomas Jefferson University College of Pharmacy in Philadelphia, and completed his residency at the University of Pennsylvania, specializing in infectious diseases. He joined Northern Light Eastern Maine Medical Center in 2019 as an infectious disease specialist and co-director for the Antimicrobial Stewardship Program. Involved in multiple research and quality improvement projects focused on multi-drug resistant organisms and antimicrobial utilization. Since the start of the pandemic, has been working with local and state organizations on emerging therapeutics for COVID-19, translating leading-edge literature into therapeutic pathways. He is actively involved in COVID-19 vaccine advocacy, education, and communication in the community.



**Debbie Saber, PhD, RN, CCRN-K**

**Assistant Professor of Nursing and Faculty Associate, Mitchell Center for Sustainability Solutions, Graduate School of Biomedical Science and Engineering, University of Maine**

Dr. Saber holds a joint position between the School of Nursing at University of Maine and Northern Light Eastern Maine Medical Center where she is developing and directing the Medical Center's nursing research and evidence-based practice program. As a nurse scientist, she has conducted studies that focus on the role of contact isolation precaution procedures in solid waste production and microbial presence. Her research aims to understand the effect of current infection control processes on environmental presence of microbes that include methicillin resistant *Staphylococcus aureus* and SARS-CoV-2. This work can ultimately drive policy and procedures towards the highest level of standardized prevention and readiness for future infectious outbreaks.



**Clifford Singer, MD, DFAPA, AGSF**

**Chief of Geriatric Mental Health, and Neuropsychiatry, Northern Light Acadia Hospital**

Dr. Singer is a psychiatrist and geriatrician. He serves as chief of Geriatric Mental Health and Neuropsychiatry at Northern Light Acadia Hospital and an adjunct professor at the University of Maine and is president of the Dirigo Maine Geriatrics Society. He leads a multidisciplinary team in the Mood and Memory Clinic at Acadia Hospital and is principal investigator for the Acadia Hospital/Eastern Maine Medical Center Alzheimer's disease clinical trials program. In 2018, he was selected as a Distinguished Fellow of the American Psychiatric Association and a Fellow of the American Geriatric Society and he received the Northern Light Eastern Maine Medical Center Annual Award for Clinical Research... He has made national and regional television and radio appearances speaking on topics related to aging and published 38 papers and 20 book chapters and delivered more than 330 presentations.

**Program Participants**

Northern Light Health physicians, allied health professionals, nurses, pharmacists, clinical research staff, and others committed to excellence in care.

**Learning Objectives**

At the conclusion of the Northern Light Research Expo, attendee will be able to:

**Session 1: Future of Translational Medicine**

1. To recall that translational science is the movement of concepts and technologies to and from the laboratory and the clinic.
2. To be exposed to examples of how this translation can occur quickly that changes the course of clinical care.
3. To explore mechanisms and pathways to speed this translation that will have impact on our patients.

**Session 2: Health Effects of Social Isolation on Older Adults**

1. To recognize social isolation as a syndrome
2. To distinguish the difference between isolation vs loneliness
3. To identify the health risks of isolation
4. To summarize the technical and policy approaches to isolation

**Session 3: COVID One Year Later: Panel discussion on what we have learned**

1. To discuss experience of the pandemic over the last year
2. To discuss the pandemic in terms of science
3. To discuss the pandemic in terms of operations
4. To discuss the pandemic in terms of logistics of caring for population from an unknown entity
5. To discuss the pandemic through innovations in treatment
6. To discuss mass vaccination program



## Session 4: The Fast-paced, Ever-Changing Healthcare Environment: SARS-CoV-2 Presence During 2020-2021 Pandemic

1. Outline the COVID-19 pandemic timeline in Maine
2. Recall infection control strategies that were taken during the COVID-19 pandemic
3. Describe SARS-CoV-2 presence in the healthcare environment
4. Review infection control implications from the research findings

### Registration

#### How to Register:

**Step 1)** [Register Here](#)

**Step 2)** Add the Research Expo Zoom event to your calendar

#### During the Event:

- Evaluation Surveys will be sent the day before to those who have registered for the Research Expo. Please be on the lookout for that email!
- Your feedback is appreciated; please complete the Evaluation Survey after each session that you attend.
- To receive Continuing Education Credits, YOU WILL NEED to complete an evaluation survey for each session attended.

**The deadline to register is Friday, May 21, 2021.**

**Questions?** Contact Janet Bayleran, PhD, manager, Sponsored Programs, Northern Light Clinical Research 207.973.7352 or [jbayleran@northernlight.org](mailto:jbayleran@northernlight.org).

### Accreditation

Northern Light Eastern Maine Medical Center designates this educational activity for a maximum of (4.0) AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Northern Light Eastern Maine Medical Center is accredited by the Maine Medical Association's Committee on Continuing Medical Education to provide Continuing Medical Education (CME) to practicing physicians.

Northern Light Eastern Maine Medical Center, Education Department, is an approved provider of continuing nursing education by the Northeast Multistate Division (NE-MSD), an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

**4 CME/CNE/CPE Contact Hours Available Pending Approval**