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The Boat House at Confluence Park	National Church Residences	Cramer & Associates	Shumaker, Loop and Kendrick
Bricker & Eckler	OhioHealth	Crane Group	State Auto Insurance Company
Columbia Gas	Ohio Capital Corporation for Housing	Crowe	Ulmer & Berne LLP
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		Grange Insurance	WCMH NBC4

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	Communities in Schools of Ohio	Homeport	NBBJ	Stoptoe & Johnson
	Community Shelter Board	Huckleberry House	Ohio Hospital Association	Telhio Credit Union
		IFF	Overmyer Hall Associates	Tom E. Dailey Foundation



Interested in sponsorship? Call 614-203-0237 or email Lanie Cuthbert at [lanie@columbusmetroclub.org](mailto:lanie@columbusmetroclub.org)

# Starlab Is A Cosmic Win for Ohio

February 15, 2023

CMC columbus metropolitan club

DIVERSITY ■ DISCUSSION ■ DEBATE



### John M. Horack, Ph.D.

Neil Armstrong Chair in Aerospace Policy, Department of Mechanical and Aerospace Engineering, The Ohio State University

OHIOSTATEMAE

John M. Horack, Ph.D., is the inaugural holder of the Neil Armstrong Chair in Aerospace Policy at The Ohio State University, and is a professor in the Department of Mechanical and Aerospace Engineering and the John Glenn College of Public Affairs. He also serves as the Senior Associate Dean of Engineering at Ohio State.

Prior to joining Ohio State, he served for four years as Vice President of Teledyne Brown Engineering's Space Systems group in Huntsville, Alabama, and was Vice President of Research for UAHuntsville.

Previously, Horack worked at NASA's Marshall Space Flight Center, his last position being manager of the Science and Mission Systems Office, where he was responsible for advanced, complex science and exploration research and nearly 400 civil service personnel and contractors.

Horack received Bachelor's Degrees in Physics and Astronomy from Northwestern University, and his Master's Degree and Ph.D. in physics from UAHuntsville.



### Jeffrey Manber

President of International and Space Stations, Voyager Space Holdings, Founder, Nanoracks

JEFFMANBER NANORACKS

Jeffrey Manber is the Co-Founder of Nanoracks. He served as the CEO until 2021 where he oversaw the growth of numerous commercial International Space Station programs and the development of the first and only commercial Airlock on the space station. Most recently he has been appointed as President of International and Space Stations at Voyager Space.

As the only American to ever work officially for the Russian space program, his prior experience includes serving as Managing Director of Energia USA, the American arm of RSC Energia. In 1991, he carried over the first commercial contract between NASA and the Soviet Union to use Soyuz as an escape vehicle for Space Station Freedom.

As CEO of MirCorp, which leased the Russian space station Mir, he oversaw the first ever commercially funded crewed mission, of over 70 days, to the Mir space station.

Manber received his Bachelor's Degree from Northwestern University.



### Scott Shearer, Ph.D.

Professor and Chair, Department of Food, Agricultural and Biological Engineering, College of Food, Agricultural and Environmental Sciences, The Ohio State University

SCOTTSHEARER95 OHIOSTATEFABE

Scott Shearer, Ph.D. is Professor and Chair of Food, Agricultural and Biological Engineering at The Ohio State University. Previously, he was Chair of Biosystems and Agricultural Engineering at the University of Kentucky.

Highlights of his research career include development of methodologies and controls for metering and spatial applying crop production inputs, modeling of agricultural field machinery systems, autonomous multi-vehicle field production systems, strategies for deployment of UAS in agriculture, and analyses of production agriculture data sets. He has lead research supported by over \$12M in grants, authored more than 200 technical publications, and has made numerous invited presentations at international conferences, professional meetings and farmer forums. He is also a Fellow of the American Society of Agricultural and Biological Engineers.

Shearer received his Bachelor's Degree, Master's Degree, and Ph.D. in Agricultural Engineering, all from The Ohio State University.



### Frederic Bertley, Ph.D.

President & CEO, COSI

COSI FREDERICBERTLEY

As President and CEO of COSI, Frederic Bertley, Ph.D. is shepherding the leading science center to its next iteration in a legacy of success. Prior to his time at COSI, Bertley was the SVP for Science and Education at the Franklin Institute.


As part of his continued interest in communicating science to a wide audience, Bertley is the host of the prime time television show QED with Dr. B, in partnership with WOSU Public Media. He is also featured in the animated online series, Dr. B in 3.

He worked internationally in preventative medicine and basic vaccines in Haiti, Sudan, and the Canadian Arctic, later joining a vaccine research group at Harvard Medical School focusing on the development of DNA vaccines for HIV/AIDS.

Bertley did his undergraduate studies in Physiology, Mathematics, and the History of Science at McGill University, where he also earned a Ph.D. in Immunology.

# Today's Attendees

**B** CMC Board Member **LM** Lifetime Member  
**NM** New Member **LS** Livestream Supporter

 Audio assist headphones are available the AV table at the side of the room.

## MEMBERS

Carol Anderson	Amy McCormick	Jody Urbanski <b>LM</b>	Renae Fochesato
Robert Anderson	Kenny McDonald <b>LM</b>	Peggy Volpe	David Franko
George Arnold <b>LM</b>	Anna McDonough	Sally Volpe	Sumona Ghosh
Kelly Atkinson <b>B</b>	Pedro Mena	Joey Wallace	Lester
Matt Barnes <b>B</b>	Gene Monteith	Stephen White <b>B</b>	Carlos Grodzinsky
Albin Bell	Montra Moody	Mindy Wright <b>LM</b>	Anjali Gupta
Frederic Bertley	Joan Marie Moore	Jake Wuensch	Jack Hamman
Mike Bongiorno	Stephen Myers <b>B</b>	Chris Yates	Mike Holston
Doug Buchanan <b>B</b>	Fred Needham	<b>GUESTS</b>	John Horack
Andrew Campbell	Elizabeth Orosz	Andy Aichele	Stephen Horack
Teddie Coe	Tracy Perry	Laura Alvarez	Marianna Hughes
Melanie Corn	Wren Peters	Shannon Ashmore	Ted Hughes
Ian Crumpler	Aaron Pitcock	Tony Auseon	Moe Ibrahim
Lanie Cuthbert	Mary Ann Potter	Kalpa Baghasingh	Kathy Jackson
Marieke Davis	Jantzen Ridenour	Jon Bechtol	Ahmad Jarkas
Kristine Flaherty	Abbie Ridpath	Michael Berry	Rebecca Larsen
Sima Gellman	Jonathan Riles	Ean Bett	Betsy Liska
Valerie Gilbert	Elizabeth Rioch	Peter Bowen	Jeffrey Manber
Jeffrey Hutson	Amanda Sage	Aleece Bracken	Chris Mitek
Coreen Jenkins	Diana Salmeron	Eric Bull	Kathy Peddicord
Joseph Jenkins	Nikhita Samala	Jordan Cartwright	Alex Powers
Thomas Kahler	Josh Sarver	Karin Chamberlain	Diana Rife
Rebecca Kemper	Jane Scott	Alissa Comella	Deborah Scherer
Bill LaFayette	Jarrod Setliff	Morgan Conn	Jim Scott <b>LS</b>
William Lane	Bob Shelly	Tim Derickson	Jeff Shaw
Matthew Lanning	Bruce Smith <b>LM</b>	Keith DiDonato	Scott Shearer
Jonathan Lohr	Breanna Teece	Matt Drabic	Pamela Shrout
Carol Luper	David Thomas	Bryan Duff	Stacy Sleeper
Jeremy Mangerchine	Joey Thomas	Tobias Dunbar	John Trzinski
Bruce McComb	Marshall Troxell	Chase Eyster	Tyler Young
	Brian Urbanski <b>LM</b>		

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Thank you to our Table Hosts

AECOM

Columbus Landmarks Foundation

COSI

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## More Ways to Catch CMC Forums

WCBE 90.5 Radio airs CMC Forums on Saturdays at 7:00 AM. CMC Forums are available on the WCBE Podcast Experience website.

Forum podcasts can also be heard on the CMC website or via your favorite podcast app.

WOSU Public Media, CMC's broadcast partner, televises CMC Forums on the WOSU Ohio digital channel and over-the-air on channel 34.2. The most recent Forums air on Mondays at 9:00 PM, Tuesdays at 5:00 AM, and Thursdays at noon.

CTV, Columbus Television, airs CMC Forums on Spectrum Channel 1024, WOW Channel 3, and AT&T Channel 99. You can also watch CTV over the air on WCIZ Channel 22.4.







Forums can also be seen on the CMC website at [columbusmetroclub.org/archive/](http://columbusmetroclub.org/archive/) and on CMC's YouTube channel.

## CMC Board of Trustees

Kelly Atkinson <i>Chair</i>	Ellen Bloch <i>Treasurer</i>	Steven Marks <i>Immediate Past Chair</i>
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Tommy Harman	Anthony McIntosh	Amelia Robinson	

**The Mission of the Columbus Metropolitan Club is to connect people and ideas through community conversation.**

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# Upcoming Forums

Unless otherwise noted, all forums are 11:30 AM - 1:00 PM.  
For Ticket info, visit [columbusmetroclub.org](http://columbusmetroclub.org) or call 614.464.3220

WEDNESDAY, FEBRUARY 22, 2023

## Licking County Plans Its Ideal Intel Future

Featuring **Jennifer Roberts**, Executive Director, The Thomas J. Evans Foundation and Neutral Convener for FRAMEWORK, **Jamie Greene**, Principal, planning NEXT, and **Rick Platt**, President & CEO, Heath-Newark-Licking County Port Authority, with host **Benjamin Lanka**, Business Editor, *The Columbus Dispatch*.

Sponsored by: **Bricker & Eckler, Huntington,** and the **City of New Albany**

With support from: **Grange Insurance Audubon Center**

Livestream sponsored by: **The Center for HumanKindness at The Columbus Foundation**

Livestream in partnership with: **The Columbus Dispatch**



MONDAY, FEBRUARY 27, 2023 - 4:30-6:00PM

## Members First: Local Artists Shine at New Hilton

It's a "behind the scenes" tour of the extensive local art collection at Columbus' newest Hilton! Meet at the Spark Bar, grab a cocktail, and join your CMC friends and our expert tour guide and co-curator of the collection, Michael Reese, co-founder Reese Brothers Productions, for an exclusive tour of the public and private spaces at the Hilton Columbus Downtown. Learn about the galleries of well-loved artists, such as Aminah Robinson and Denny Griffith, as well as, new artists you'll want to get to know. Michael will share his experiences compiling the collection as well as discuss what interested collectors need to consider as they envision their own art acquisitions.

WEDNESDAY, MARCH 1, 2023

## State of Downtown: Corner Offices to Condos

Featuring **Tracy Hadden Loh**, Fellow, The Robert M. Bass Center for Transformative Placemaking, The Brookings Institution, and **Philip Aftuck**, Director, Investments, The Bernstein Companies, with host **Sam Rosenthal**, Principal, CEO, and Architect, Schooley Caldwell. Opening remarks by **Marc Conte**, Executive Director, Capital Crossroads and Discovery Special Improvement District.

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WEDNESDAY, MARCH 8, 2023

## Black Women Entrepreneurs' Success at Zora's House

Featuring **LC Johnson**, Founder & CEO, Founder & CEO, **Danielle Sydnor**, CEO, Rise Together, and host **Alison Marker**, President and CEO, Marker Construction.

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WEDNESDAY, MARCH 15, 2023

## Laying Track for Amtrak's Expansion

Featuring **William Murdock**, Executive Director, Mid-Ohio Regional Planning Commission, and **Erin Rosiello**, Vice Chair, All Aboard Ohio, with additional panelists to be announced.

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FRIDAY, MARCH 24, 2023

TBA