

CSUDH Physics Presents: Industry Preparation Workshop Led by: Prof. Ken Brown



**&
Prof. Terry Lomheim**

Interested in pursuing a career in Industry? This workshop is for you!

This session is designed for physics and other STEM students.

Professor Ken Brown and Professor Terry Lomheim, both work part time teaching physics with the CSUDH Physics department. Their "day" jobs, however are very different...but not so different than what we think. This session will provide the following:

- Insight on what working in local industry is like
- Best practices for being successful in gaining employment with student internships and/or after you obtain your degree
- Time to answer questions and provide support on how to improve your resume and applications

**FRI. FEB. 25TH, 2022
10:00 AM TO 11:30 PM (PDT)**



**zoom link: <https://csudh.zoom.us/j/86265698302>
Meeting ID: 862 6569 8302**

CSUDH Physics

Prof. Kenneth Brown

Operations Manager for **Northrop Grumman** Missions Systems Engineering & Sciences (E&S) Maritime Land Sensors and Systems/Field Engineering, Space Park, Redondo Beach, CA.



Speaker Bio:

Kenneth Brown is in his 10th year as a member of the Governing Board of Trustees at El Camino Community College District in Torrance, California. He has served on the staff at California State University of Dominguez Hills since 2002 as an adjunct professor of Physics teaching primarily Physical Science and Science.

Ken received his B.S. in Computer Science and B.S. in Physics from Morehouse College in Atlanta and an M.S. in Applied Physics from Clark Atlanta University. Brown joined Northrop Grumman in 2015 after serving for more than 20 years as a Senior Engineer and Project Controls Liaison at NASA's Jet Propulsion Laboratory in Pasadena, CA.

In 2016, Ken was elected to the California Community College Trustees (CCCT) Board where he provides input to help guide decisions to serve the organization's member colleges better. In 2021, Brown was elected to serve as President of the CCCT Board representing 115 California Community Colleges and 2.4 million California students.

Ken also serves as President of CCCT's Board Financial Aid Implementation Committee as well as the Institutional Effectiveness Partnership Initiative (IEPI) Change Leadership Committee. On a national level, Ken was appointed to serve two terms on the Association of Community College Trustee (ACCT) Public Policy and Advocacy Committee. ACCT is the organization that represents over 6,500 trustees and more than 520 governing boards who govern public and private community, technical, and junior colleges across the U.S., Canada, and the United Kingdom.

In 2018, he was nominated and selected as the Black Engineer of the Year Modern Day Technology Leader Award Recipient for 2019.

Born and raised in Carson, California, Ken had more than a respectable athletic career during college and beyond. While at Morehouse, he was twice named All-American in Track & Field and played in the NCAA Div. II Basketball Final Four. Later, he qualified for the U.S. Olympic Trials and Pan AM Games in the high jump.

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Contact Information:

kbrown@csudh.edu

CSUDH Physics

Prof. Terrence Lomheim

Distinguished Engineer in the Engineering and Technology Group, Sensor Systems Subdivision of **The Aerospace Corporation**, El Segundo, California



Speaker Bio:

Terrence S. Lomheim is a Distinguished Engineer in the Engineering and Technology Group, Sensor Systems Subdivision of The Aerospace Corporation, El Segundo, California. For the past 43 years he has performed detailed experimental evaluations of the electro-optical properties, imaging capabilities, and radiation-effects sensitivities of infrared and visible focal plane devices and has been involved in the development of modeling tools used to predict instrument-level performance for advanced DoD and NASA visible and infrared point-source and imaging sensor systems.

Dr. Lomheim has authored and coauthored 69 publications in the areas of visible and infrared focal plane technology, sensor design and performance, and applied optics.

He received a Ph.D. in Physics from the University of Southern California in 1978. He is a part-time instructor in the physics department at California State University, Dominguez Hills, and regularly teaches technical short courses for the International Society for Optical Engineering (SPIE) and for the UCSB and UCLA Extension programs.

Dr. Lomheim is a Fellow of SPIE, the International Society for Optical Engineering and he is a Fellow of the MSS (Military Sensing Symposia). He is a co-author of the book entitled, "CMOS/ CCD Sensors and Camera Systems, 2nd Edition", published by JCD and the SPIE Press in 2011.

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