



EXECUTIVE ADVISORY BOARD CHEMISTRY OF LIFE PROCESSES INSTITUTE

DELIVERING GAME-CHANGING RESULTS

Northwestern created CLP to accelerate the pace of discovery and innovation through powerful new tools and exceptional expertise and to catalyze team science across medicine and the basic sciences.

This bold undertaking is powered by diverse teams of chemists, life scientists, engineers, physicists, and clinicians from three schools and more than 20 University departments. CLP fosters research collaborations across Northwestern's Feinberg School of Medicine and the basic sciences through *Convergence Research Initiatives Program* which identifies clinically relevant priority areas for pilot funding.

A NEXUS FOR DISCOVERY AND COLLABORATION

Institute faculty across disciplines unite in the Richard and Barbara Silverman Hall for Molecular Therapeutics and Diagnostics. Constructed in 2009, the building is a custom-designed environment that functions as a nexus for collaboration among physical, engineering, and life-science researchers and students.

SPEEDING THE DEVELOPMENT OF PROTEIN-INFORMED DRUGS AND DIAGNOSTICS

Expertise in developing protein-informed diagnostics and therapeutics distinguishes CLP from other major biomedical institutes.

Major breakthroughs by CLP investigators include the characterization of proteins involved in ALS, Alzheimer's, and cancers of the liver, pancreas, and prostate and the development of more precise drugs targeting these newly-defined proteins.

PREPARING TOMORROW'S SCIENTIFIC LEADERS

The Institute provides holistic training for the next generation of scientists capable of working at the interface of multiple disciplines. Institute faculty create new curricula that focus on skills development and hands-on training across a broad spectrum of instruments and methods. CLP's highly regarded *NIH Predoctoral Training Program* and three research-based undergraduate research programs prepare students to work at the interface of medicine, biology, chemistry, computation, engineering and physics.



BECOME A PARTNER IN INNOVATION

The [CLP Executive Advisory Board \(EAB\)](#) is critical to the growth and success of the Institute. The EAB provides strategic direction, professional expertise, and philanthropic support to the Institute. Its members, which include executives, entrepreneurs, researchers, physicians, and technical experts, have been integral to the Institute's growth and success.

As partners with CLP scientists, board members play an essential role in advancing biomedical discovery, innovation, and education. As advocates and supporters, board members are critical to CLP's effort to become a trailblazer in the next wave of discoveries that will impact society.

To learn more about the CLP
Executive Advisory Board
please contact

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BOARD INITIATIVES AND IMPACT

With guidance from the board, CLP leadership has successfully undertaken several key strategic initiatives:

- The Cornew Innovation Awards that fund early-stage transdisciplinary research and discovery catalyzing \$24 million in new research funding. The awards have enabled the development of important therapeutics for Parkinson's disease and non-invasive tests for detecting early-stage lung and colon cancer.
- A CLP-Feinberg School of Medicine Convergence Research Initiative to develop protein-informed therapeutics for ALS and Alzheimer's disease.
- Summer research programs that nurture the research aspirations of Northwestern undergraduates as well as underserved students from Northeastern University-Illinois, a federally designated Hispanic-Serving Institution.
- The launch of multiple startups built on faculty innovations and supported by business mentorship from board members.

BOARD MEMBERSHIP

New members are welcome to join the board with the expectation that they will attend biannual meetings, contribute annually, and use their resources to benefit the Institute. Members serve a three-year term, renewable at the discretion of the chair and the CLP faculty director.

At the biannual board meetings, members engage with CLP leadership and faculty to review ongoing projects, shape the strategic direction of the Institute, and develop new initiatives. Members are also expected to support faculty and student entrepreneurship, help students expand their professional networks, and offer career advice.