

CDLG: THE COMPLEXITY, DATA, AND LEARNING GROUP (IN A NUTSHELL)



Vision

The Complexity, Data, and Learning Group (CDLG) will:

- ❧ **BE A MODERN BELL LABS:** a cultural home – both physical and virtual – for faculty and students who embrace the idea that the most exciting innovations are interdisciplinary, resulting from collaboration that is free of academic silos. The example of Bell Labs shows that establishing the right culture leads to rich creativity: we are driven by our own successful experiences embedded in similar highly-creative environments.
- ❧ **DELIVER ACADEMIC AND PUBLIC OUTREACH:** bringing visitors, ranging from K-12 students to faculty, into the immersive environment of the CDLG. We will make concerted efforts to find and support creative individuals who are often overlooked or ignored.
- ❧ **PROVIDE A PLACE FOR PUBLIC SCHOLARS:** We will welcome like-minded individuals from industry and the community as CDLG Fellows. They will engage in core activities, bringing fresh ideas and a broad perspective to maximize impact.

By “public scholars”, we mean creative individuals from outside traditional academic institutions. I.e. people working in industry who desire but may not otherwise have the opportunity to explore, interact, and innovate in such an environment.

Funding Needed

- ❧ **RAPID START-UP:** \$100K for administrative and logistic support.
- ❧ **FUND-RAISING VIDEO:** \$25K-\$40K to produce a promotional video to be used for aggressive fund raising aimed at a new building and full funding for the first five years. The goal for this campaign is \$25M.
- ❧ **TRAVEL:** \$100K for fund raising, remote collaboration, and visitors.
- ❧ **TEACHING BUYOUT:** \$150K to enable founding faculty to devote about ½ half of their time to this effort in the 2020/2021 academic year.
- ❧ **SUMMER PROGRAM SUPPORT:** \$50K-\$75K to support workshops for grade school and high school students.