DIRECTOR’S MESSAGE
Craig B. Arnold

Dear Friends,

It has been an unprecedented past few weeks as we continue to adapt to the impact of COVID-19. During this time, we have seen many changes in our operations that were inconceivable only a short time ago. But in light of this adversity I remain extremely proud of our students, faculty and staff, all of whom have made sacrifices and risen to the challenges facing them. People have stepped up in all sorts of ways from quickly adapting to virtual instruction, to donating massive amounts of personal protective equipment from our cleanroom, to shifting their research efforts toward technologies with an immediate impact on COVID-19. Throughout all of this, PRISM remains ready to support you in any way we can. Our staff is available by phone, email, or online chat to assist, and of course my (virtual) door is always open.

I understand the profound impact this situation is having on our entire community and I know how difficult things are right now for all of you. But we are united in our struggle and we will continue to face these challenges together. Even now, as we recognize the new ‘abnormal’ state of affairs, we are beginning to plan for our return back to normal. If you have any ideas/suggestions/thoughts that you would like to share, please reach out and let me know.

I want to thank everyone for your patience and understanding as the situation continues to evolve.

Please be safe and best wishes,
Craig

COVID-19 RESEARCH INITIATIVES

Prof. Andrej Kosmrlj research paper on the Phase Behavior of Viral Capsids

Numerical simulations and theoretical analysis reveal details of melting, buckling, and collapse transitions of viral capsids due to thermal fluctuations.

MORE INFO

Prof. Cliff Brangwynne awarded University funding for his proposal on identifying small molecules targeting SARS-CoV-2 spike binding to human ACE2 cell receptor

Researchers will search for molecules that disrupt the cycle of infection by blocking the interaction between the virus’s spike proteins and the ACE2 receptors on human cells.

MORE INFO

Prof. Shivaji Sondhi is working on the theory of contact tracing via smartphones to help the Government of India

The Government of India’s app has been downloaded over 50M times already.

MORE INFO

COVID-19

In response to the COVID-19 crisis and guidance from the Office of the Dean for Research, PRISM Cleanroom remains closed at this time.

We are committed to fighting the spread and flattening the curve as well as providing support to the community by sharing our resources and donating our supplies to the medical professionals.

PRISM Cleanroom have donated the following:

- Nitrile gloves: 16,300
- Rollproof: 108
- Tyvek suits: 90
- Non-tyvek suits: 75
- Impact goggles: 20
- Splash goggles: 12
- Hair covers: 288
- Shoe covers: 400
- Face masks: 2,000

Please stay safe and well.