I am proud to present LEAD (Learn, Engage, Achieve, Discover): Global Excellence in Science, the 2015–2020 Strategic Plan for the College of Science. A blueprint for global excellence, this plan will guide our priorities and inform our decisions about how best to innovate in science education, to prepare students to be leaders in science, to foster impactful discoveries and to improve our world.

We are deeply committed to our core values of excellence, diversity and harmony. The College is where people discover science and also learn to be ethical global citizens. Enabling the success of our people is a cornerstone of this plan and is important to me personally. Science faculty are the foundation of the university and by investing in them, we can truly transform lives.

By building a better environment and a strong community, we will foster the innovative and critical thinking of future generations and lay a strong foundation for new technologies. Our excellence in fundamental and curiosity-inspired research will enable us to solve major societal problems to make our state, nation and world better.

Together we can make the College of Science at OSU one of the best in the world for its research and education and for being a diverse and inclusive place of choice. I welcome you to join us as we LEAD Oregon State toward global excellence in science!

Sastry G. Pantula
Dean, College of Science
We will enhance science literacy and guide science-based public policy.

We will have strong, healthy partnerships with alumni and industry.

We will be a community that respects diversity of opinion, skill set, gender, race, and ethnicity as underpinnings for personal and professional success.

Marine Science. We will leverage our top ranked programs and internationally recognized research and faculty to be a leader in OSU’s Marine Studies Initiative. We are well positioned to address problems ranging from climate change and ocean acidification to diseases, loss of biodiversity and pollution. Our efforts will sustain healthy, productive and resilient marine, freshwater and terrestrial ecosystems.

Data Science. Data are increasing in velocity, volume and variety. Big data analyses lead to breakthroughs in areas from personalized medicine to precision agriculture, marketing to security, environment to education, and astronomy to information-based industries. As a data science hub for research and training, we will be a key resource for data-enabled research, analysis and visualization at OSU in Oregon and across the country.

Sustainable Materials. We will build on our leadership in materials science to discover sustainable materials for next-generation electronics and to develop techniques for clean energy generation and conservation. We will advance sustainability by creating new technologies and building new companies while training the next generation of environmentally conscious innovators.

Biohealth Science. Our faculty are leaders in fundamental, quantitative and translational research relevant to fighting disease and promoting health. From molecules and model systems to studies of humans, we will accelerate discovery, advance understanding and grow our global impact.

Mission: To advance science and build global leaders for a healthy planet, living on a healthy planet, in a healthy economy.