

EARTH AND MINERAL SCIENCES

About the College

**Lee Kump, John Leone Dean in the College of Earth and Mineral Sciences,
College of Earth and Mineral Sciences**

For more than a century, Penn State's College of Earth and Mineral Sciences has been a beacon of intellectual leadership on issues of utmost importance to the welfare of the Commonwealth, the nation, and beyond. We are a vibrant, inclusive community driven by curiosity to unlock how Earth's systems, energy, and materials interact with one another and society. With our top-ranked programs; five academic departments; and more than 40 majors, minors, and certificates, we provide a comprehensive, high-quality education at the forefront of both innovative teaching and path-breaking research focused on meeting the needs of our global society. Students learn to plumb the depth of their chosen field while integrating their understanding across disciplinary boundaries to discover and innovate, learning from faculty who are translating their scientific discoveries into practice, finding new solutions as challenges arise. Together, we are creating a sustainable and inclusive future for society.

MORE INFORMATION ABOUT THE COLLEGE (<https://www.ems.psu.edu/>)

Mission and Goals

The mission of the college is to advance knowledge, talent and leadership to elucidate Earth processes and history, harness and sustain natural resources and materials, and develop novel solutions to major challenges in energy, environment and wellbeing. We continue a strong tradition of building deep disciplinary expertise along with interdisciplinary teams, focusing on the interfaces of the natural science, social science, and engineering disciplines, where answers to the most pressing problems facing society await discovery.

MORE INFORMATION ABOUT THE MISSION AND GOALS OF
THE COLLEGE OF EARTH AND MINERAL SCIENCES (<https://www.ems.psu.edu/about/who-we-are/mission-vision-values-and-strategic-plan/>)