

# SE&T Colloquium Series-Fall 2017

Speakers	Dr. James Sheerin, Professor of Physics and Astronomy Eastern Michigan University Dr. Garry Johns, Professor of Mathematics, SVSU
Title	<b><i>NASA's Interests in Earth and Beyond &amp; Funding Opportunities for Students and Faculty</i></b>
Abstract	<p>Most people know that NASA scientists are interested in the chemical composition of planets and their orbits, but they study more than just planets and stars. NASA researchers are interested in many areas of science, computer science, engineering and mathematics from the physics of space travel to the biological implications of extended stays in near zero gravity and from communication through secure data transmission to the creation of polymers and materials that are lightweight but still durable. In addition, they investigate many systems on earth. For instance, NASA is also interested in weather patterns and watersheds, in the climate and conservation, and in the environment, deforestation and erosion.</p> <p>In the first portion of this presentation Dr. Sheerin will highlight current research and technology initiatives and innovations at NASA. In the second section, he and Dr. Johns will share recent projects that were funded by NASA through the Michigan Space Grant Consortium program. Information about how similar proposals can be submitted by SVSU students and faculty this November for funding from May 2018 through April 2019 will also be given.</p> <p>This talk is appropriate for students interested in any program in the College of Science, Engineering and Technology.</p>
Date	Tuesday, September 19
Time	4:10-5:00pm
Place	Pioneer 240
	Refreshments will be served at 4:00pm.