

SE&T Colloquium Series-Fall 2011

Speaker	Dr. Plammoottil Cherian Department of Biology
Title	<i>Environmental carcinogens and their impact on human health</i>
Abstract	Several substances such as pesticides, herbicides and other chemicals in the environment are known carcinogens. Although the level of these compounds may be small, in light of several reports of the scientific advisory subcommittee of American Cancer Society many of these pollutants need to be reassessed for their cancer risk. To assess the carcinogenic effects of pentachlorophenol (PcP) a study has been initiated on invertebrate and vertebrate cells. Studies were conducted both <i>in vitro</i> and <i>in vivo</i> . Preliminary results indicate several pathological changes associated with tumor development. Even low levels of PcP that may enter the human body through the food chain can contribute to the cancer burden when large numbers of people are exposed.
Date	Tuesday, November 8
Time	4:10-5:00pm
Place	Pioneer 240
	Refreshments will be served at 4:00pm.