



MAPS presents free, informative and engaging community science programs.

7:30 pm, MJC West Campus Sierra Hall 132\*

**Oct. 27 - John Buckley, CSERC: *“Forest Health and Fire Resiliency in a Changing Climate”*** - What effect does a warming climate have

on the capability of Sierra Nevada forests to be resilient to wildfires? To what degree has the combination of recent drought and insects altered forest conditions? Is there any clear trend in wildfire impacts in the Sierra Nevada? Will forest management choices made in the near term potentially affect forests, wildlife, recreation, and forest watersheds for decades into the future? (FLEX 5112)



**\*Nov. 3 - MJC East Campus Auditorium, a Family Science (all ages) Presentation. National Geographic Explorer and TED speaker, Tierney Thys** (FLEX 5113)

***“Ocean Engine of Life”*** - Get ready to jump off the land and into the water for a wild ride around the entire world ocean. As we encounter places of destruction and desolation, hope and salvation, we'll learn of the ocean's immense importance to all life, how it has influenced human evolution and world history.



Discover state-of-the-art research (including the ocean sunfish of course!) aimed at ensuring a healthy ocean and planet for generations to come. Come dive in!

[https://www.ted.com/talks/tierney\\_thys\\_swims\\_with\\_the\\_giant\\_sunfish](https://www.ted.com/talks/tierney_thys_swims_with_the_giant_sunfish)

Visit <http://murov.info/thys.pdf> for more info.

**Dec. 1 - Garry Hayes, MJC Geology Professor – *“The Earth Has a History: Rates of Geologic Change and Global Warming.”*** One of the most

important clues in understanding today's climate is the Earth's past history. This presentation will provide a perspective on how rapidly the Earth's climate has changed over the last 65 million years compared to the changes happening today. The discussion will also include a look at some of the methods geologists use to document the past. (FLEX 5114)



MAPS is grateful to ASMJC and the MJC Foundation for generous support. MAPS has provided free programs for over 26 years. To enable MAPS to continue to offer high quality programs, your contributions to the MJC Foundation designated for MAPS will be deeply appreciated.

4/6/18 Spring Family Science Preview, Raja GuhaThakurta, UCSC, *“Our Place in the Cosmos”*. (FLEX 6003)

[https://www.astro.ucsc.edu/faculty/profiles/singleton.php?&singleton=true&cruz\\_id=pguhatha](https://www.astro.ucsc.edu/faculty/profiles/singleton.php?&singleton=true&cruz_id=pguhatha)

For MAPS downloadable schedule, see: <https://modestoscience.wordpress.com/> or <http://murov.info/maps.pdf> .

For science events in Stanislaus County, see: <http://murov.info/scienceevents.htm> .