

2019

January						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

February						
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March						
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31						

April						
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28	29	30				

May						
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26	27	28	29	30	31	

June						
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23	24	25	26	27	28	29
30						

Federal Holidays 2018/19

Jul 4	Independence Day	Nov 12	Veterans Day (observed)	Jan 1	New Year's Day
Sep 3	Labor Day	Nov 22	Thanksgiving Day	Jan 21	Martin Luther King Day
Oct 8	Columbus Day	Dec 25	Christmas Day	Feb 18	Presidents' Day
Nov 11	Veterans Day			May 27	Memorial Day

Contents

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Important Dates

**MAPS – 9/28/18, 10/26/18, 11/16/18, 12/7/18, 1/25/19,
2/22/19, 3/22/19, 4/12/19**

**MJC Science Colloquium – most Wed., 3:15 pm -
4:15 pm, MJC West Campus Sci. Center 115**

Science Olympiads – 3/2/19, 3/30/19, 4/13/19

Science Fair –

**MJC Astronomy nights – 1st Friday evening of each month, MJC
West Campus Sci. Center**

GVM Wild Planet Day – 10/13/18, 10 am – 3 pm

Science Day at CSUStan – 3/9/19

Science on Screen, State –

Spring Semester, 7:30 pm, MJC West Campus Sierra Hall 132

Friday, Jan. 25, 2019, Dr. Ian C. Faloon (UCDavis). Ian's research group investigates how trace gas emissions in marine and terrestrial boundary layers mix, disperse, and ultimately influence the Earth's climate. <http://faloona.lawr.ucdavis.edu/index.html>



Friday, Feb. 22, 2019, Paul E. Lenze, Jr., Northern Ariz. Univ., Targeting Health: Conflict, Infectious Disease, Climate change and the Impact of the Syrian Forced Migration on the European Union. <https://nau.edu/pia/directory/user/pl233/Paul-Lenze/>



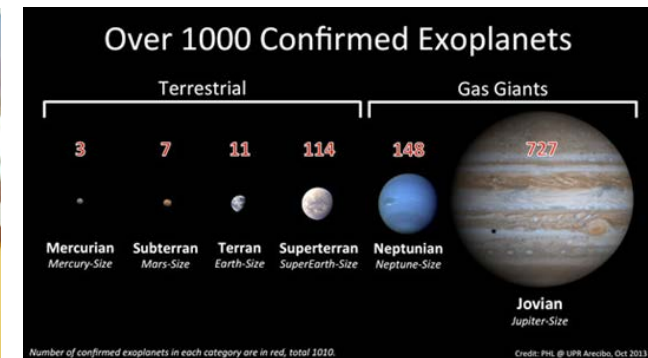
March, 22, 2019. Steven Murov (on right) <http://murov.info>, Professor Emeritus of Chemistry, Modesto Junior College, in honor of the 150th anniversary of the Mendeleev periodic table, will present *The Periodic Table Milestones and Real and Fake Elements*. The talk will include demos and be based in part on Steve's website - <http://murov.info/timelines.htm>.



PERIODIC TABLE WITH ELEMENT COLORS

Key: bold or normal italic - gas, bold none - liquid, bold or normal - solid, normal plain - all known isotopes and radioisotopes. Colors unknown that have not been observed or synthesized. Colors are from <http://www.chemeddl.com> using IUPAC codes. Table created and published by Steven Murov (<http://www.murov.info>) 10th March 2019.

Friday, April 12, 2019. Jonathan Fortney of UCSC will talk about exoplanets. <http://www.ucolick.org/~jfortney/>
<https://www.astro.ucsc.edu/faculty/index.php?uid=jfortney>
<https://www.youtube.com/watch?v=snJD2qV1Gy4>



Free parking and admission.

MAPS is grateful to ASMJC, the MJC Foundation, SCOE, MJC, the MTA (Modesto Teachers Assn.) and the GVM for generous support.

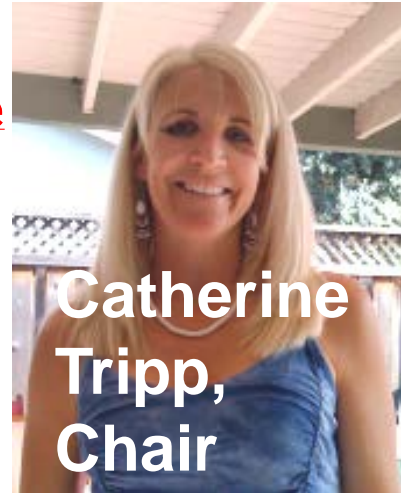


**MAPS
Committee
Members**

For the MAPS web site, please visit:

<http://maps.events.mjc.edu/>

To add your name to the MAPS e-mail list,
please e-mail: chased@mjc.edu



**Catherine
Tripp,
Chair**



Susan Kerr



Liz McInnes



Mike Kennedy



John Gerling



**Richard
Anderson**

Bill Anelli



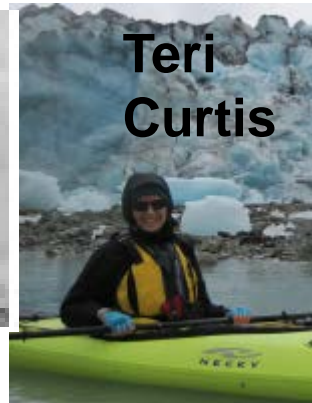
Dan Chase

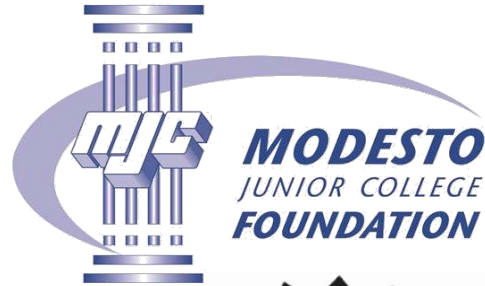


Steve Murov



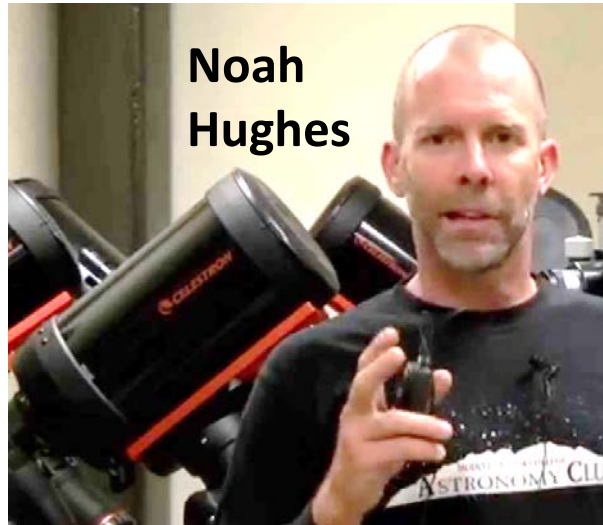
**Teri
Curtis**





MAPS (Modesto Area Partners in Science is grateful to ASMJC (Associated Students of MJC), the MJC Foundation, SCOE (Stanislaus County Office of Education), MJC, MTA (Modesto Teachers Association) and the GVM (Great Valley Museum) for generous support.

Visit the Great Valley Museum's monthly (1st Friday of each month) telescope nights.



The Great Valley Museum will be open in the evenings, 7 p.m. to 10 p.m., during the first Friday of every month. Discover the universe through planetarium shows at 7:30pm & 8:30pm and Science on a Sphere 3-D globe. Campus science clubs will offer insight and highlights, including the MJC Astronomy Club which will provide free telescope viewings on top of the Science Community Center. Join us for a fun, festive atmosphere while we explore science together! Be sure to dress appropriately during the cold months.

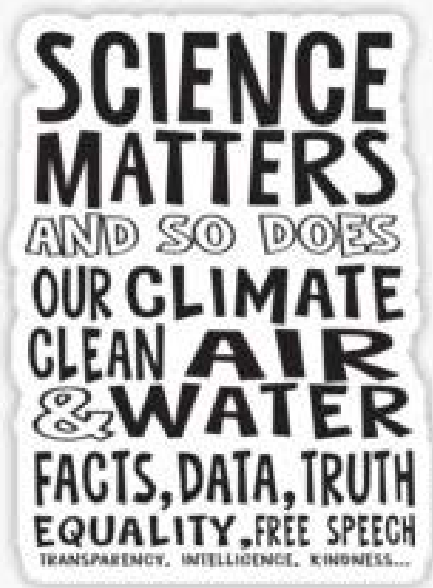
<http://www.mjc.edu/news/telescopenight.php>
<https://www.mjc.edu/instruction/sme/gvm/events.php>
<https://www.facebook.com/MJCAstronomyClub>

Science Colloquium Schedule, Spring, 2019

3:15-4:15 pm, Wednesdays, Science Community Center, Rm 115, MJC West Campus

<https://sciencecolloquium.wordpress.com/schedule/> (to be updated)

- Jan. 30 Linda Brzezinski, Professor of Chemistry, MJC, The Periodic Table: A Closer Look (A celebration of the International Year of the Periodic Table of Chemical Elements)
- Feb. 6 Lauren Shiebelhut, Postdoctorate Researcher, UC Merced: Mass Mortalities in Marine Species
- Feb. 13 Andrew Gardner, Professor of Biological Sciences, CSU Stanislaus: Darwin's Study On the Various Contrivances by Which British and Foreign Orchids Are Pollinated (A Darwin Day talk)
- Feb. 20 Peggy Hauselt, Professor of Geography, CSU Stanislaus State: Sustainable Agriculture
- Feb. 27 TBA
- March 6 Daniel Chase, Professor of Physics, MJC: The History and Discovery of Helium, (A celebration of the International Year of the Periodic Table of Chemical Elements)
- March 13 Garry L. Found, Forensic Odontologist, Stanislaus County Sheriff – Coroner: Forensic Odontology
- March 20 Erica Kenney, Food Biologist, Gallo Winery: The Science in Your Food
- March 27 Alison McNally, Professor of Geography, CSU Stanislaus State: TBD
- April 3 Catherine Tripp, Professor of Biology, MJC: Bodega Bay
- April 10 Earth Day talk: Emily Basnight, Jim Hopf, Des Orsinelli, Citizens Climate Lobby members: Climate Solutions That Can Save Your World



SCIENCE COMPETITIONS

For other competitions in Stanislaus County, please visit:

<https://www.stancoe.org/division/administrative-services/student-events>



Scott Kuykendall
SCOE Superintendent

Science Olympiads Free with many events open to spectators.

<u>Event</u>	<u>Date</u>	<u>Place</u>	<u>Web site</u>
National NORCAL	4/13	CSUStan.	http://soinc.org/ http://www.norcalscienceolympiad.com/



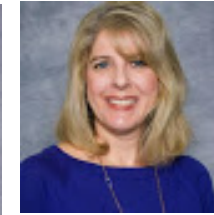
Barbara Little, NorCal Director



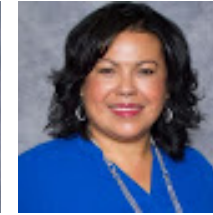
MJC West



C. Goulart



L. Turner



Stanislaus County Olympiad

Regional (Stan.) 3/2
L. Avila

[regional](#)

Elem. (Stan.C.) 3/30

Walnut School, Turlock

<https://www.stancoe.org/division/administrative-services/student-events/science-olympiad-regional>

<https://www.stancoe.org/division/administrative-services/student-events/science-olympiad-elementary>

Stanislaus County Science Fair –

May, 2019, Petersen Event Center, Modesto

<https://www.stancoe.org/basic-page/science-fair>

Sean Timmons
SCOE Science



DOE Science Bowl – <http://science.energy.gov/wdts/nsb>

https://science.energy.gov/wdts/nsb/regional-competitions/high-school-regionals/ca_central-valley-regional-science-bowl/

Calif. State Univ. Science Day

<https://www.csustan.edu/science-day/annual-science-d>

8th Annual Science Day

3/9/2019

10 am to 2 pm

Free Admission and Open to the Public.



Labs and Guided Tours

Skeletons, Skulls, Fossils, Everyday Chemistry, Snakes & Six-Legged Zoo

Explore the fields of biology, chemistry, math, nursing, physics & psychology



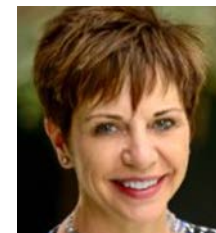
Science on Screen is a Spring event.

Sue
Richardson

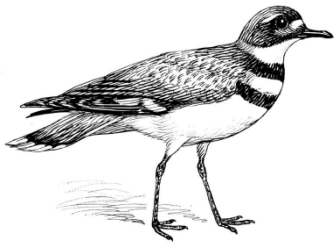


Gallo Center Pathways to Creativity
<https://www.galloarts.org/ArtsEducation/PathwaysToCreativity.aspx>

Lynn Dickerson, Gallo CEO



<http://ww2.thestate.org/youth-ed/science-on-screen>



GREAT VALLEY MUSEUM

Modesto Junior College
Science Community Center
2201 Blue Gum Avenue

Arnold
Chavez
GVM Director



Disneyland is the *happiest place on earth* and:

The GVM is the family friendliest place in Modesto. Visit soon and often.

Wild Planet Day
10/13/18
10 am – 3 pm
MJC West Campus
Science Center
[More info](#)



World class
planetarium



Science
on Sphere



DNA
model

209 575-6196 <http://www.mjc.edu/gvm>

Hours: Closed Sunday, Monday.
Tue., Wed., Thurs., 12 pm – 4 pm,
Fri., Sat., 9 am – 4 pm
GVM admission \$3 - \$5,
family up to 6, \$15
Free with GVM membership
planetarium \$4- \$6,
reduced with membership

Special Events

* 1st Fri. Night of each month is
Science Night at the Museum
“Wild Planet Day” in Fall



The GVM offers natural history,
science and live animal school tours.

**Join the GVM and receive free
entrance into NARM's 1013
members. For Calif., see
<https://narmassociation.org/loc/california/>**

Regional Science Centers

Bay Area Discovery Museum, Sausalito - <http://www.baykidsmuseum.org/>
Calif. Acad. of Sciences, S.F. - <http://www.calacademy.org>
Chabot Space & Science Center, Oakland - <http://www.chabot.space.org/index.htm>
Children's Creativity Museum, S.F. - <http://creativity.org/>
Children's Discovery Museum, San Jose - <http://www.cdm.org/index.asp?f=1>
Coyote Pt. Curiodyssey Museum, San Mateo - <http://www.curiodyssey.org/>
Discovery Center, Fresno - <http://www.thediscoverycenter.net/>
Discovery Museum, Sacramento - <http://www.thediscovery.org/>
Exploratorium, S.F. - <http://www.exploratorium.edu/>
Explorit, Davis - <http://www.explorit.org/>
Fossil Discovery Museum, Madera - <http://maderamammoths.org/>
Lawrence Hall of Science, Berkeley - <http://www.lawrencehallofscience.org/>
LLNL Discovery Center, Livermore - <https://www.llnl.gov/community/discovery-center>
Lindsay Wildlife Museum, Walnut Creek - <http://wildlife-museum.org/>
Long Marine Lab, UCSC - <http://seymourcenter.ucsc.edu/>
Marine Mammal Center, Sausalito - <http://www.marinemammalcenter.org/>
Monterey Bay Aquarium, Monterey - <http://www.montereybayaquarium.org/>
Randall Museum, S.F. - <http://www.randallmuseum.org/>
San Luis Wildlife Refuge - http://www.fws.gov/refuge/san_luis/
Visitor Center - http://www.fws.gov/refuges/news/NewVisitorCenteratSanLuisRefuge_10172011.html
Serpentarium, Lodi - <http://www.snakemuseum.com/>
Six Flags Discovery Kingdom, Vallejo - <https://www.sixflags.com/discoverykingdom>
The Tech Museum of Innovation, San Jose - <http://www.thetech.org>
World of Wonders, Lodi - <http://wowsciencemuseum.org/>



Zoos and Wildlife Preserves

Zoos

Applegate Park Zoo, Merced - http://www.cityofmerced.org/depts/parks_n_community_services/apple_gate/default.asp
Folsom City Zoo Sanctuary, Folsom - http://www.folsom.ca.us/depts/parks_n_recreation/zoo/
Happy Hollow Park and Zoo, San Jose - <http://www.hhpz.org/>
Chafee Zoo, Fresno - <https://www.fresnochaffeezoo.org/>
Mickey Grove Zoo, Lodi - <http://www.mgzoo.com/>
Oakland Zoo, Oakland - <http://www.oaklandzoo.org/>
Sacramento Zoo, Sacramento - <http://www.saczoo.org/>
Salinas – Vision Quest Ranch - <http://www.visionquestranch.com/>
San Francisco Zoo, S.F. - <http://www.sfmzoo.org/>

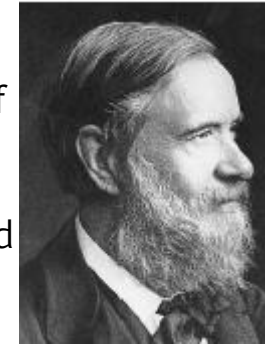
Wildlife Preserves (check for visitation limitations)

Animal Ark, Reno - <http://animalark.org/>
ARK 2000, San Andreas - <http://www.pawsweb.org/>
B. Bryan Preserve, Point Arena - <http://bbryanpreserve.com/>
Cat Haven, Dunlap - <https://www.cathaven.com/>
Safari West, Santa Rosa - <http://www.safariwest.com/>
Vision Quest Ranch, Salinas - <http://www.visionquestranch.com/>



Science related organizations in Stanislaus County:

Interesting factoid: Stanislo Cannizaro in 1860 published a list of atomic masses of the known elements that enabled Mendeleev and others to produce the periodic table.



<https://www.sierraclub.org/mother-lode/yokuts>

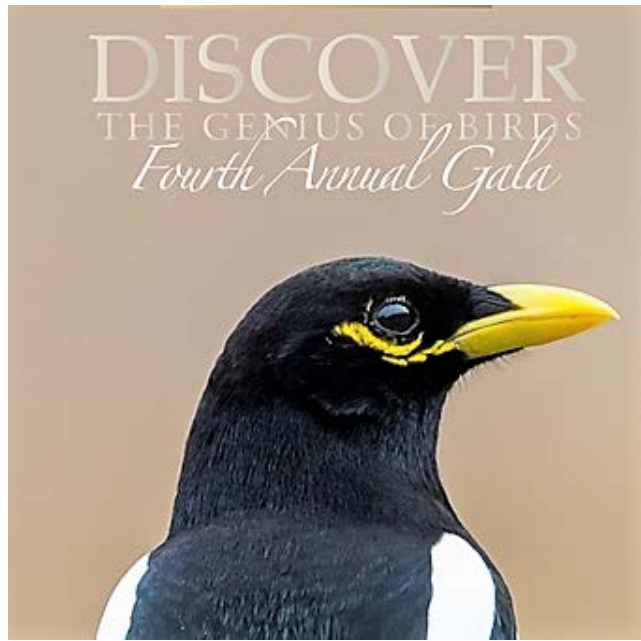
Sierra Club, Stanislaus County, Yokuts group

<https://sites.google.com/site/stanislausaudubonsociety/>

https://www.audubon.org/chapters/CA_Modesto/

Citizen's Climate Lobby, Modesto Chapter





<http://www.mjc.edu/instruction/sme/gvm/>

On tba, 2019, the Great Valley Museum Foundation will hold its fourth Annual Gala fundraiser, “The Genius of Birds.” This event will consist of a dinner program and silent auction attended by local area members just like you. The funds generated from this event will go directly to providing education on our local natural heritage and offering multiple science programs for the youth members of our community.

Site prepared by Steve Murov Please send comments or suggestions regarding this site to Steve Murov.



murovs@yosemite.edu
<http://murov.info/>
<http://murov.info/resume.htm>



Many of the programs included in this calendar are under the umbrella of the Science, Mathematics and Engineering Division of Modesto Junior College. Dr. Laura Maki is the Dean of the SME Division at MJC.

