

Subject: Monday Matters: Events this week
Date: Monday, October 11, 2021 at 8:01:56 AM Eastern Daylight Time
From: Dodge, Gail
To: Dodge, Gail
CC: Whitfield, Tiffany L., Franke, Gabriel, Mason, Justin
Attachments: 21_ChemBiochemReunionOpenHouse.pdf, 21_MarkThiemensPublicLecture.pdf

Dear Colleagues:

I would like to call your attention to several exciting events that will take place this homecoming week.

Wednesday Oct. 13, 7 p.m.; [Lê Digital Theater and Planetarium](#), new Chemistry building
Lunar Agriculture with Tim Durham

Tim Durham, D.P.M.

Tim Durham works at Ferrum College near Rocky Mount, VA and is an Associate Professor of Crop Science. As we approach the next frontier of space colonization, we'll need to retrofit space stations into capable greenhouses - and terraform lifeless lunar landscapes into a lush oasis. How can we leverage agricultural lessons learned on Earth to sustainably provide food, fiber, and fuel for astronauts and colonists alike? Transformative approaches will be the focus of our discussion, including the "Plant the Moon Challenge".

Thursday Oct. 14, 7 p.m., [Lê Digital Theater and Planetarium](#), new Chemistry building
Uncovering the Origin and Evolution of Life and the Solar System Using Isotope Ratios

Mark Thiemens, Ph.D.

Distinguished Professor of Chemistry & Biochemistry, UCSD

Through the discovery of a physical chemical mechanism that alters isotope ratios in a mass independent way we have uncovered new facets of nature. These developments have been applied to the study of a variety of environments, including California, Tibet, China, South Pole, and Mars over timescales ranging from the present to before the solar system was formed. The applications include climate, origin of life, and Mars evolution. The journey through these scientific disciplines begins in part at Old Dominion University.

Friday Oct. 15, 2 – 5 p.m., new Chemistry building, **Open house**

Tour the Chemistry and Biochemistry building, visit labs and see a Planetarium show at 4 pm.

Oct. 15 – 17 [Museum of the Moon](#) – The fabulous, internationally touring exhibit will be installed outside the Barry Art Museum. Please check out the events that will be part of this incredible three-day festival.

Best Regards,
Gail

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