

ESA March 7th, 2016 Meeting

Present: Mark Boryta, Becca Walker, Julie Bray-Ali, Tania Anders, Craig Webb, Dave Mrofka, Hilary Lackey, Mike Hood, Heather Jones

1. Minutes from December meeting were approved.
2. **Division Office administrative concerns.** Several faculty members report very slow turnaround for conference reimbursement. Paperwork held up at Div. Office. The Redinger scholarship is supposed to be collected at the Division Office and last week one of Tania's students was turned away trying to hand in the application. Becca reports that the Island Packers outfitters for the oceanography field trip still has not been paid from November and the list of student i.d.s is still at the Division Office and has not made it to the Bursar. People who subbed for faculty in the fall 2015 still have not been paid. The Vernier equipment order (that was to be used in classes last fall) was held up at the Division level so much that it had to be re-ordered. The Division Office has not given us the PIE document we need for equipment requests. Student learning is being impacted because our field trips are in danger (vendors who do not get paid might not work with us any more), student scholarships are jeopardized. Employee relations are being impacted because people are not getting paid for their work. Mike made a Google doc to track our Division Office paperwork submissions and response time in order to document our grievances.
3. **Adjunct evaluations:** Julie sent the list from fall. Faculty that have not submitted all the paperwork to Mark and the Division Office should do so now.
4. **Senate report** (Becca): nothing to report
5. **Faculty Association report** (Mike): An email tracking research project is taking place. Let Kalumagi know if you want to participate. We discussed plan to turn public safety into a police dept. FA is against it. Our Department wants more information to decide where we stand. The informal discussion tended toward not wanting the change to happen.
6. **Planetarium / observatory update** (Heather): (a) The elevator is broken again. Matt Judd was contacted about the broken email on Fri 3/4 but he has not responded. (b) We discussed the total eclipse coming in August 2017 and perhaps offering a bus trip to Wyoming to observe it. We could work with the Mt SAC Foundation and get sponsorship. We would link on-campus events with the field trip for people unable to travel. We will form a planning committee. (c) Mark will introduce the March 24 von Karman lecture. *Also see attached report from Heather.*
7. **New course** – Dave Mrofka – “Global Climate Change” is being sent to Curriculum. *The Department approves sending this for consideration as a Mt. SAC GE course and to get it marked as CSU and UC transferable.*
8. **Division meeting report** (Mark): (a) Tenured faculty members need to keep up with what year they are in for review process and complete all forms. (b) Faculty, send your syllabi and “welcome back” forms as soon as possible in order to get paid properly. (c) Next year is the last year of the extra instructional equipment request funds so they need to be in PIE and be tied to outcomes. *Note: Division Office informs us that the PIE document is not ready yet, so we can't put items in PIE yet.* (d) Dave will start a Google doc spreadsheet for people to add requests (include

price, vendor info and shipping) (e) AACC Pathways program: Mt. SAC is a pilot program – it has directive counseling and scaling up of existing programs such as BRIDGE, etc. This program might include student research pathways so we should find out more about it.

9. **SLOs/GEOs.** Julie again requests the data that she asked for in August 2015!
10. **Mark Koestel / resource room.** Mark B. asks the Department to comment on Mark K.'s job description.
11. **Purchasing deadline is now.** Get your requests to Julie by March 8. The Dept. will request a new color laser printer.
12. **Schedule (summer & fall):** Instructors, send your requests to Julie.
13. **Astronomy Kepler scholarship dinner** is on April 9, 2016.
14. **Chair election nomination** opens this week. Craig is organizing. Addendum 5/9/16: Tania Anders nominated Mike Hood and Dave Mrofka seconded the nomination.
15. **Redinger Grant applications** are due this week. Mark will collect them from the Division Office and then we will form a review committee.

Meeting adjourned at 5:30 p.m.

Next page: Full Planetarium Update from H. Jones for March 2016

Eclipse Time Line		
Event	UTC Time	Time in Los Angeles*
First location to see the partial eclipse begin	Mar 8 at 23:19	Mar 8 at 3:19 PM
First location to see the full eclipse begin	Mar 9 at 00:15	Mar 8 at 4:15 PM
Maximum eclipse	Mar 9 at 01:59	Mar 8 at 5:59 PM
Last location to see the full eclipse end	Mar 9 at 03:38	Mar 8 at 7:38 PM
Last location to see the partial eclipse end	Mar 9 at 04:34	Mar 8 at 8:34 PM

Planetarium/Observatory March 2016 Report

Observatory Report:

Telescope Nights- Despite El Nino, Telescope nights will continue for the Spring Semester on the following nights:

Telescope Nights

April 1, 2016

May 6, 2016

June 3, 2016

Special Thanks to Mark for sending three student volunteers to March's Telescope night. We always need more volunteers, please tell your students about this service opportunity!

ADA-

The elevator is broken...Again! It broke on Friday night suddenly; hopefully it will be fixed soon. If you have any students that need to get to the observatory but have difficulty climbing stairs please contact me ASAP!

Revolution image cameras are still on order. This order is being held up at the Division level, we are waiting on action from them.

Collimation -

All 8" telescopes were collimated over the winter break. If you have any issues with the telescopes please let us know ASAP!

Important Dates to Remember-

SOLAR ECLIPSE – March 8, 2016(TOMORROW!). We will not be able to see this eclipse from the United States but you can view live streaming online at:

<http://www.exploratorium.edu/eclipse> (telescope feed from 4:00 – 7:15 PM)

MERCURY TRANSIT – May 9, 2016. We will not be able to see this transit when it begins but we will after the sun rises. This might be a great eclipse to experiment web streaming with?

Mercury Transit – May 9, 2016	
Transit Begins	4:15 AM
Sun Rise	11:42 AM
Greatest Transit	7:58 AM
Transit Ends	11:42 AM

Great American Solar Eclipse – August 21, 2017. Everyone within the dark stripe on the map below will be able to see totality, the rest of the united states will see a partial solar eclipse. From our location in Walnut we will see ~60% coverage of the Sun.

Great American Eclipse – Aug 21, 2017	
Eclipse Begins	9:06 AM
Eclipse Maximum	10:22 AM
Eclipse Ends	11:45 AM



Planetarium Report:

Thank you-

Thank you for making your planetarium reservations early! We have been able to schedule more school groups because of it!

Von Karmon Lecture -

Lecture Dates and Topics

March 24, 2016 – In the Blink of the Eye: What 10 Years at Mars Can Tell Us About the Planet

April 21, 2016 – CubeSats: Big Goals, Tiny Package

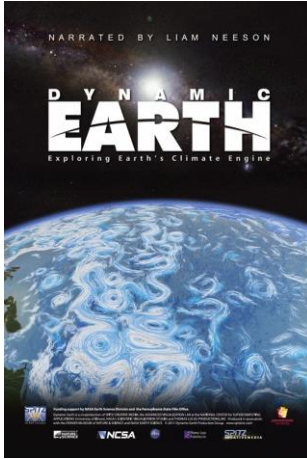
May 19, 2016 – Fire and Ice...and Methane- Exploring Mars and Titan Using Laboratory and Field Analogues on Earth

June 2016 – TBD –Do we want to host the lecture in June?

New Planetarium Show-

Dynamic Earth

Exploring Earth's Climate Engine



Dynamic Earth explores the inner workings of Earth's climate system. With visualizations based on satellite monitoring data and advanced supercomputer simulations, this cutting-edge production follows a trail of energy that flows from the Sun into the interlocking systems that shape our climate: the atmosphere, oceans, and biosphere. Audiences will ride along on swirling ocean and wind currents, dive into the heart of a monster hurricane, come face-to-face with sharks and gigantic whales, and fly into rolling volcanoes.

This show focuses on multiple earth systems by visualizing scientific data from NOAA and other sources to learn more about climate change. We should have this show available for classes to use by next month, a faculty preview for all of campus will be announced soon for late March/early April, this show is also in the public show rotation for April – June 2016.