



space odyssey

03.13.15 volunteer update

[Click here to visit the Space Odyssey MGG Portal](#)

[Click here for the latest space news update on the MGG Portal](#)

Click below for quick access to:

[Storytelling with Uniview](#)

[Space Science Lectures & Events](#)

[Volunteer Enrichment Committee \(VEC\) Events](#)

space odyssey news

KUDOS TO NEW MEMBER NIGHT FOLKS

Thanks a ton to all the folks who helped entertain the new members this past Wednesday!

SPRING BREAK HELP

If anyone is able to help out extra anytime over the last weeks of March/1st week of April, please let me know. We will be pretty busy with all the schools out. Thanks!

CHANGES COMING TO MGG PORTAL

If you want a glimpse of the draft revisions, take a look at the following links. If you have any feedback, please let me know. Thanks to Marta, Samantha and Naomi for working on this!

Here's the revised Exhibits/Programs page:

<http://spaceodyssey.dmns.org/exhibitsprograms.aspx>

Check out the revised Meteorite Cart page:

<http://spaceodyssey.dmns.org/exhibitsprograms/carts-rollouts/meteorites.aspx>

And here's the revised introductory training page:

<http://spaceodyssey.dmns.org/exhibitsprograms/spaceodysseyintroduction.aspx>

FIREBALLS IN COLORADO

For those who didn't know, a fireball/meteor was spotted tracing across the northern sky of Denver this past Wednesday morning. [Our All Sky camera](#) on the roof captured it on video and you can see this footage on the home page of the Portal here:

<http://spaceodyssey.dmns.org/>. You can read more about fireballs on the [Meteorite Cart page](#) of the Portal as well.

Here's some good info from Chris Peterson, creator of the All Sky Network:

"You have 10 seconds on your camera, but it obviously started earlier, outside the camera frame, further north. On your camera it moves between azimuth 328° and 306°. It is probably at least 200 miles away, meaning it's crossing central Wyoming, east to west. Depending on its height, it could even be farther north, meaning it could have passed near Yellowstone and the Tetons.

As slow as this was, we can't discount the possibility of reentering space junk, but something natural is more likely. If this was a natural meteor, there's a good chance it dropped meteorites somewhere in Wyoming."

There was ample news coverage about this fireball as well, here's one sample from Fox 31-- you may see some folks you know: <http://kdvr.com/2015/03/11/several-report-seeing-possible-meteor-streak-across-colorado-sky/>

And this sample from the Denver Channel has a great home video of the fireball:

<http://www.thedenverchannel.com/news/local-news/coloradans-report-seeing-ball-of-light-streak-across-the-sky-wednesday-morning>

Another great site to check out fireballs and to report them and learn more about them is the American Meteor Society: <http://www.amsmeteors.org/>

KEEPING CARTS NEAT

Please do your best to keep the carts' objects in order and please don't pile objects on top of one another when stowing the cart as it could damage the objects. If you need a refresher on how to care for Museum objects, please click here to watch the [Object Handling Video](#). Thanks!

INFRARED AREA UPDATE: STATUS QUO

We'll soon be testing a new color scheme for the screens in this area to allow for finer detail of the infrared radiation intensity. Stay tuned!

PLANETARIUM UPDATE

We had a failure in our switching for 2 projectors and in order to get the daily shows to play we had to run a straight bypass to the projectors. That means, as of right now, there is not a

way to switch projectors 4 & 5 from the desk to different computer clusters. That means Cosmic Crusin will be cancelled until further notice.

SOS UPDATES: MAJOR SOS UPDATE COMING SOON!

From NOAA's SOS Boulder Lab team: The NOAA SOS team is pleased to announce some important changes to SOS coming to you beginning this Friday, March 13. With your active collaboration from last fall, the SOS data catalog will have a new structure and there will be many updates to the datasets themselves, including improved names and keywords, new cross-cutting themes, 2-levels of categories, and archiving of obsolete datasets. To implement the new data catalog, we are making changes to the SOS website, SOS software, and iPad remote app. We've also added many exciting new features to the software.

Here's how we plan to roll out the new data catalog and software:

- March 13 (Friday): the SOS website will be updated
- March 16 (Monday): updated NOAA SOS datasets will be transferred to SOS sites
- March 17 (Tuesday): the new SOS v4.3 software will be available for installation using the Ubuntu Update Manager
- March 17 (Tuesday): the new iOS v4.3 app will be available from the Apple Store. The new app requires that your iPads be upgraded to iOS 8 beforehand.

(NOTE: DMNS may not have the updated software/iPad app installed by next week as our Tech staff is already committed to other projects. As soon as they're able, they'll make the changes to our system. I'll let you know when that happens.--Dave Blumenstock)

Please note that the new data catalog will still work just fine with your existing SOS and iPad software until you're ready to update them.

SOS WEBINAR OFFERED TO LEARN ABOUT SOS UPDATES

I'm inviting you to watch a NOAA webinar next Tuesday March 17 in anticipation of the major changes coming to our SOS system outlined above including major reorganization of the datasets and major changes to how the iPad app controls the SOS. You can take part in this webinar from home and it will be recorded--I'll post it when that's available. If you're interested in watching it in real time, follow the instructions below:

1. Click and join at the specified time and date:

<https://global.gotowebinar.com/join/2931931683385858817/598832239>

Note: This link should not be shared with others; it is unique to you.

2. Choose one of the following audio options:

TO USE YOUR COMPUTER'S AUDIO:

When the Webinar begins, you will be connected to audio using your computer's

microphone and speakers (VoIP). A headset is recommended.

-- OR --

TO USE YOUR TELEPHONE:

If you prefer to use your phone, you must select "Use Telephone" after joining the webinar and call in using the numbers below.

United States

Long Distance: [+1 \(702\) 489-0003](tel:+17024890003)

Access Code: 128-260-576

Audio PIN: Shown after joining the webinar

Please join us for this informative training webinar to help you & your staff get ready for the latest (& greatest) SOS version. The new version has enhanced search and browse capability, including a major reorganization of the SOS Data Catalog on our Website & iPad remote as well as more intuitive dataset names. In addition, look for a lot more capability in the iPad remote application. These changes include the ability to make and edit a playlist, two-click browse for any dataset, faster and better search, presentation playlist notes, and volume control straight from the iPad remote application. There is no limit to attendance, so invite your docents too, if desired. The webinar will be recorder to view at a later time, if you are not able to attend.

RECENTLY ADDED SCIENCE ON A SPHERE DATASETS

<http://sos.noaa.gov/Datasets/list.php?category=All&type=&sort=DateAdded&order=DESC>

These datasets are available within about one week from when I publish them in this update. Our system is updated by NOAA with the latest, greatest stuff every Monday for your viewing pleasure.

NASA CLIMATE UPDATE

<http://climate.nasa.gov/news/>

THIS WEEK'S COOL SPACE STUFF ON THE WEB:

[Enceladus news](#)

[Learn about the NASA Multiscale Magnetosphere Mission](#)

SCFD COMMUNITY FREE DAY CALENDAR

The Museum is offering 12 Community Free Days in 2015, made possible by the Scientific & Cultural Facilities District. As part of the Museum's agreement to receive funds from SCFD, which account for a significant portion of the Museum's operating budget, the Museum offers "community free days" throughout the year to allow those who can't afford admission the privilege to visit DMNS. Below are the dates for the 2015 free days. To learn more about SCFD, [click here](#).

- Sunday, April 12 (Earth Day)
- Saturday, April 25 (Día del Niño)
- Sunday, May 31
- Monday, June 29
- Sunday, July 26
- Monday, August 17
- Sunday, September 27
- Monday, October 19
- Monday, November 9

trainings and meetings

UNIVIEW USER GROUP MEETING

Thursday March 19

Space Odyssey Briefing Room

4 p.m. to 5 p.m.

RSVP to Greg Mancari, Greg.Mancari@dmns.org

This group is for anyone who wants to learn how be more proficient on Uniview both at the Orbits table and in the planetarium.

storytelling with uniview

by Dr. Ka Chun Yu, PhD Curator of Space Science DMNS

You can read all of Ka Chun's previous columns on the Portal Training page under Storytelling with Uniview: <http://spaceodyssey.dmns.org/mgg-training.aspx>

NOTE: If you're having issues viewing this column in Firefox, try using Safari or Explorer as those seem to show the column in the best quality. I'm not sure about Chrome.

space science lectures & events

KEEPING THE LEGACY ALIVE: PIECING TOGETHER HISTORY

Lecture by Jean L. Wright, Docent, NASA Speaker's Bureau

March 17, 2015 - 7 p.m.

Ricketson Auditorium

Free admission

For Jean Wright, the American Dream is alive and well. A former candy store manager born in Flint, Michigan, Jean fulfilled her dream of working in the NASA Space Program in 2005, when she became an Aerospace Composite Tech for United Space Alliance -- the prime contractor for Space Shuttle Processing -- as a member of the Thermal Protection System Facility team at the Kennedy Space Center (KSC). She would be the last person hired in that position before the Shuttle program ended in 2011.

As one of 15 women in this role, Jean and her co-workers, who dubbed their group, "The Sew Sisters," were responsible for fabrication, assembly, disassembly, and repair of Thermal Protection Systems hardware. This involved using measuring equipment, heavy-duty industrial sewing machines, and intricate and physically-demanding hand stitching to produce items such as:

- Gap fillers, which filled the space between shuttle tiles.
- Dome heat shield blankets which were used for sound suppression and thermal protection around the three main engines.
- Fibrous insulation blankets which were installed on the upper surfaces of the orbiter, and could withstand temperatures up to 1200 degrees.
- Solid rocket booster parachutes.

This event is made possible by Skirts in Science, the Rocky Mountain Quilt Museum and DMNS.

RESERVATION INFO

Volunteers have the opportunity to attend most After Hours programs priced at the \$8 member/ \$10 nonmember rate for free on a space-available basis! Volunteers always receive the member rate for all other Adult Programs. As of May 12, please call Guest Services at [303.370.6000](tel:303.370.6000) to make a reservation.

Guest Services is open daily, 9:00 - 5:00 p.m.

Admission to 60 Minutes in Space is free and is on a first come, first seated basis.

On the evening of the program, please enter through the same entrance as our guests and pick up your ticket from the will-call cashier. Thank you for your ongoing support and enthusiasm for Adult Programs!

museum news and events

FREE IMAX PREVIEW NEXT WEEK

Next week we will offer FREE public screenings of the National Geographic Film

Living in the Age of Airplanes. Guests will be asked to fill out a short survey following the screening, and this will help us determine whether we should bring the film to IMAX.

Screenings will take place Wednesday, March 18 at 6:30 p.m. and Saturday, March 21 at 9 a.m. Tickets are not required for this event. Simply show up-first come, first served! For both screenings, please enter through the IMAX evening entrance on the east side of the Museum. More information can be found by clicking [here](#).

MUSEUM LECTURE AND PROGRAMMING INFORMATION

[Click here for Evening Lectures](#)

[Click here for Gates Planetarium Daily Show Schedule](#)

[Click here for Museum IMAX information](#)

volunteer enrichment committee

Click here for more information about VEC events:

<http://volunteers.dmns.org/events/>

Or see the bulletin board in the Volunteer Lounge for more info.

Dave Blumenstock

Coordinator of Volunteers for Space Science
Denver Museum of Nature & Science

dblumenstock@dmns.org

Phone [303.370.8344](tel:303.370.8344)

Fax [303.370.6005](tel:303.370.6005)

Join the Museum's Online Community

www.dmns.org