



ARIZONA CAMERA CLUB COUNCIL

THE CHRONICLE



AFFILIATED WITH THE PHOTOGRAPHIC SOCIETY OF AMERICA

JANUARY 2025



PRESIDENTS' MESSAGES

John Livoti - Outgoing President:

My time as president has come to an end. Now I move up to Past President. I would like to take this time to thank the board members for their support in helping me to complete the task I set forward.

The last two years were interesting, mostly trying to find a venue to hold the roundups. Large venues are getting harder to find at a reasonable cost to rent and cater. I feel that we brought great speakers to the roundup over the last two years. The key thought was to bring speakers to help us increase our photographic skills. We have seen a drop in Prints over the last two years and I want to encourage members to continue to submit prints. I don't want to see prints go the way of slides. I feel prints have a higher skill level than digital images.

We will continue to bring in speakers that will help us keep up with the times, that will talk about and show the latest equipment from local vendors, and that will look at more presentations on using cellphone photography.

I appreciate all of your comments over the past two years and will pass them on to the new president and try to incorporate them sometime in future roundups.

Meet our New President, Kathryn Dannay

It is an honor and a pleasure to take on the role of ACCC President. I am looking forward to the next couple of years guiding our organization and working with the talented individuals who make up our board and our clubs.

Current

For those of you who do not know me, I am a member of the Phoenix Camera club and on the board as the Webmaster and Membership Coordinator. I have been

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SPRING ROUNDUP
SATURDAY, MARCH 8, 2025
8:30 AM - 3:45 PM
COST \$40 including lunch- Menu Page 2
See Page 3 for Program
and Page 4 for Presenter
**** Deadline to register: ****
Tuesday, February 18, 2025
Camera Guild of Sun City is pleased to host the
Arizona Camera Club Council Spring Roundup.
Sun Dial Recreation Center
14801 N. 103rd Avenue Sun City 85351
Our guest speaker is wildlife photographer Moose
Peterson. You won't want to miss his presentations
on, "Art of Bird Photography" & "Critters- Stories
Thru the Lens"
Additional information on the program and Moose
Peterson is also available on the registration site.
You may register via this link:
To register for the Round Up go to:
[https://arizonacameraclubcouncil.regfox.com/
arizona-camera-club-council-2025-spring-roundup](https://arizonacameraclubcouncil.regfox.com/arizona-camera-club-council-2025-spring-roundup)
It is possible to register more than one person at the
same time.
Information on how to register will be on the
ACCC web site as well as distributed through
emails. So keep checking the web site:
arizonacameraclubcouncil.org **for updated**
information.
Entries for the projected images and print
completions open on January 9, 2025
***For instructions on how to enter your projected**
images & prints go to page 5 & 6

kathryn Dannay (Continued)

on the board of the ACCC for 5 years as the Digital Media Chair. I am the one responsible for the various Roundup related emails you may receive. I have been passionate about photography for over 15 years. My first love is landscapes, followed by wildlife and travel photography. I am fortunate enough to be able to travel the world and capture my experiences with my best friend and fellow photographer, my husband, Jeff. If you would like to follow along on our adventures, visit our blog: www.SweetLightPhotos.com/blog.

Past

Before retiring in 2018, I worked as a human factors engineer helping design air traffic control systems for the FAA, missile launch systems for the Air force, and layouts of the communications systems that were created for the Army's desert storm initiatives. I then moved into consulting and helped fortune 1000 companies re-engineer their internal processes and bring many of the customer facing systems online (e.g. banking, utilities, insurance). The last 15 years of my career, I worked with small to mid-size businesses creating online systems for their sales, marketing, and training programs.

Future

The ACCC has a rich history. I would like to work with you to retain what works and what we enjoy, while looking to enrich and expand our program. I encourage you to join me in accepting these challenges:

- How do we promote the joy and satisfaction we find in our photography?
- How do we grow our organization?
- How do we challenge each other to reach the next level?

In pursuit of these goals, I would like to consider working on three areas. First, to consider incorporating a "critiquing" session as part of our ACCC Roundup Program. Second, to work with clubs to build a mentoring and / or onboarding program to get more people involved, and third, to reach out to a younger generation to increase our breadth of experience and learning. I would welcome your thoughts in each of these areas and would welcome anyone willing to take the lead on one of these areas.

You are always welcome to reach out to me with your thoughts and ideas.

I am looking forward to working with you,

Kathryn
Kathryn@Dannay.com



ACCC OFFICERS AND BOARD 2025

President:	Kathryn Dannay
Phoenix CC	508-887-1268
President Elect:	TBA
Treasurer:	John Freilich
Photography West	623-975-2824
Secretary:	Carolyn Lim-Warthman
Phoenix CC	480-766-0809
Past-President	John Livoti
Sun Lakes CC	781-910-0660
Competition Secretary:	Jim Warthman
Phoenix CC	480-335-7859
Publications:	Bernardine Ginsberg
Photography West	623-546-2346
ACCC Program Chair:	Isabel Guerra-Clark
Phoenix CC	602-309-7434
Honors Chair:	John Livoti
Sun Lakes CC	781-910-0660
Ethics Chair:	David Fudge
Photography West	928-380-5465
Nominating Chair:	Stan Bormann
Grand Photos	612-965-9531
PSA Representative :	Susan Cowles
Photography West	623-271-8039
Program Chair:	Isabella Guerra Clark
Phoenix CC	602-309-7434
Rotating Category Selection	Jim Warthman
Phoenix CC	480-335-7859
Webmaster:	Cindy Marple
Phoenix CC	480-262-5734
Digital & Media Chair:	Kathryn Dannay
Phoenix CC	508-887-1268

COMPETITION CHAIRS: 2025

Print Chair:	Tom Foley
Phoenix CC	480-225-2556
Projected Images Chair:	Harvey Missan
Festival	516-317-1987
Critic Chair:	Ella Schreiber
Photography West	623-546-4816



Print and Digital Competitions - Behind the Scenes

By Kathryn Dannay with inputs from Tom Foley, Harvey Missan and Cindy Marple

It has come to my attention that ACCC members have voiced concerns over the fairness of our print and digital competitions. As the incoming president, I brought this to the board as I want to ensure there is no bias in our judging or image awards. After much spirited discussion amongst board members, I can assure every club that the members of our board work extremely hard to uphold the highest integrity throughout our competitions.

Who are our judges?

Judges are those with whom our board members have worked with in the past and who are excellent photographers in their own right. All have judged at other local clubs and / or at international competitions. About 25% are unaffiliated professionals while others may be from our local clubs. If they are selected from a local club, they are individuals who have won awards at past ACCC Competitions and who may also be professional photographers. We never have two judges from any one club nor do we select two judges with the same area of genre specialization. We work to have a balance of male and female judges.

The ACCC works hard to ensure we select the best judges for our competition.

How is the competition run?

The print competition is held locally, and thus, the judges are also local. It is hosted at a board members home and overseen by our ethics chair.

Our digital (i.e., projected) image competition is conducted online. When there are ties for awards, the judges meet via zoom to discuss and finalize their selections.

How are club awards determined?

For club awards, Club Reps are welcome to attend the judging and select the winners. If the Club Reps choose not to attend the judging, then the judges select the winning images.

Judges are not aware of who the image maker is or what club they are from.

The ACCC works hard to uphold the highest integrity in judging our competition entries.

Why do some clubs seem to do better than others?

Some clubs focus on regular competitions. Phoenix Camera Club is one of these clubs. Other clubs incorporate image critiquing into their club meetings. Clubs whose club members are able to obtain feedback on images throughout the year may have an advantage.

Some clubs also submit more images (print and / or digital) than others. Although quantity does not equate to quality, it may increase the probability of food images being submitted and receiving awards.

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SPRING ROUNDUP MARCH 8, 2025

AM

- 8:30 – 9:00 **Registration, Pastry & Coffee and Print Viewing**
- 9:00 – 9:15 **Opening Remarks & Instructions**
Roger Beck, President, Camera Guild
Kathryn Dannay, President ACCC
- 9:15 – 10:15 **ACCC Spring Roundup Print Competition Winners**
Tom Foley Chair
- Projected Images Competition Winners Part I**
Harvey Missan, Chair
- 10:15 – 10:30 **Break**
- 10:30 – 11:45 **The Art of Bird Photography**
Moose Peterson, Guest Speaker

PM

- 11:45 – 1:00 **Lunch & Print Viewing**
- 1:00 – 2:15 **Critter- Stories Thru the Lens**
Moose Peterson, Guest Speaker
- 2:15 – 2:30 **Break**
- 2:30 – 3:15 **Projected Images Part II**
Print, Digital and Club Awards
- 3:15 - 3:45 **Closing Remarks , Adjourn and ACCC Fall Location**
Kathryn Dannay, President ACCC

*** Program Subject to Change

ROUNDUP LUNCHEON MENU

A Mexican Buffet will be served with chicken and beef fajitas, corn & flour tortillas, a side salad, and assorted dessert bars. For beverages, coffee, ice tea and lemonade will be offered.



Behind the scenes - continued

This table captures the 2024 Roundup Competitions Submissions (spring and fall):\

Club	proj	print
PSA AZ Chapter	18	2
Camera Guild	179	65
Independent	36	0
Pebble Creek	19	0
Phoenix	274	125
Rim Country	173	3
Snowbirds	20	19
Sun City Festival	76	0
Grand Photos	98	38
Photography West	272	65
Sedona	50	0
Sun Lakes	216	87
Saddlebrooke	81	30
Trilogy	113	0
Westbrook Village	10	0
WVP	24	0

Further thoughts:

- Tom Foley, the ACCC Print Chair, will be speaking on "What judges look for" at the PCC Club meeting in January. The club meeting is open to all.
- Encourage your club members to enter more images
- Encourage more critiquing amongst your members to guide image competition selections
- Invite judges or ACCC board members to conduct a critiquing session
- The ACCC always offers feedback after a competition on an image that did not receive an Accepted or higher award. Reach out to Ella Schreiber to have an image critiqued. (Note this is a double blind critique, The reviewer does not know who you are and you will not know who is reviewing your image.)

Please do not hesitate to contact me your thoughts or concerns.

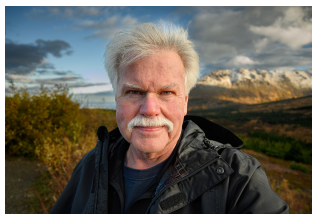
Kathryn, President
kathryn@dannay.com



CRITTER - STORIES THRU THE LENS

Our wild heritage is filled with critters of every size, shape, color, and biology that

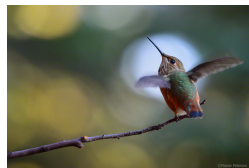
our imagination can evoke, and then some! Traveling with a camera in hand to have them share their life stories with me has been my lifelong passion and profession. I want to invite you along on that journey as we venture from sea to grasslands, from our largest land mammals to tiniest birds in North America. Their day to day challenges for survival are fascinating and when narrowed down to our viewfinder are amazing wonders. I so look forward to sharing with you on their behalf.



SPRING ROUNDUP MOOSE PETERSON, Speaker

Moose's passion for visual storytelling turned into a business in 1981. His wife

Sharon has been a partner in this pursuit from the beginning, dedicating their lives to the educating the public and the protection of our wild heritage through his photography. Moose in 2008 followed his passion for aviation photography with the same goals of preserving our aviation heritage and the freedoms they protect, pictorially and orally for future generations. Along the way Moose has been honored for his photographic passion: he is a Nikon Ambassador USA, recipient of the John Muir Conservation Award, Research Associate with the Endangered Species Recovery Program, just to name a few. He was part of Epson's Finish Strong ad campaign. Moose was the creative producer/photographer of his acclaimed films: Warbirds and The Men Who Flew Them & Land of the Giants. He shares his knowledge through his writing, being published in over 143 magazines worldwide, author of 29 books including his latest, Takeoff and best seller Captured. One of the original Nikon shooters to receive the D1 in 1999, Moose embraced this new technology, becoming the only wildlife photographer in the world to shoot strictly digital in the early years.



THE ART OF BIRD PHOTOGRAPHY

Our feathered friends are a joy to watch, while challenging yet rewarding to photograph! Big or small, dull or brilliant, fast or slow, birds are everywhere, lending themselves as natural, easy subjects. How do you get close to them? How do you make those images you desire with the camera gear you already own? Is there a magic number or do the important answers come from within? We're going to spend some time together as I relate how my passion for birds over the years has answered these questions for my photography. In the process, they will answer many of yours. Let's explore the art of bird photography!



ACCC SPRING BOARD MEETING

The Spring Board Meeting will be held on Saturday February 8, 2025 at Photography West Photo Lab. Beardsley Rec Center, 12755 W. Beardsley Road, Sun City West. All club reps, committee chairs and officers are invited The time is 10 AM. Coffee, tea and pastries will be available to get you moving that early on Saturday.



ACCC COMPETITION UPDATE

Jim Warthman

Happy 2025! I've been thinking about the 2024 Fall Roundup, which was a chance to view great photographs from many excellent photographers. Tom and Harvey deserve kudos for the print display and projected image slide show. And for those of you who stayed to the very end, you saw PCC once again win Club of the Year for both Print and Projected Image Divisions. But PCC shouldn't rest on its laurels because the competition was stiff, with at least one club nipping at PCC's heels!

This leads me to wonder, why have PCC members been so successful, especially in the Print Division?

Partly it comes down to the sheer number of prints submitted. For the 2024 Fall Roundup, members of 13 clubs submitted images in the Projected Image Division. But in the Print division, 189 images were submitted by members of only 9 clubs. Looking deeper, the vast majority of prints came from members of only two clubs (PCC and SLC), each submitting more than 50 prints! The other 7 clubs averaged only 11 prints per club. All else being equal, the two clubs that are submitting so many more prints are likely to win the majority of the honors as well as Club of the Year.

But I think other factors are at work here, too. Of the 13 ACCC clubs whose members submitted images to this roundup, I believe only two clubs (PCC and SLC) hold monthly print competitions. The other ACCC clubs don't do it nearly as often, or not at all. And of course, we all know the old cliché that "practice makes perfect". In fact, practice definitely helps refine and improve your skills and also gives individual club members a larger inventory of good prints to enter at future roundups. It stands to reason that if the other 11 clubs were to hold print competitions more often, their members would be improving their printmaking skills and give SLC and PCC more competition! I truly hope that other clubs will consider holding more frequent print competitions for the benefit of their members and, of course, so they will enter more prints at upcoming roundups!

So please drop me an email - I'd love to hear your thoughts on this.

Oh, I almost forgot to remind you to download and read the latest ACCC Competition Rules from here:

<https://arizonacameraclubcouncil.org/competition-rules/>



Please be aware that some people may have to create a new account and that the 300dpi is not required for uploaded images only for print submissions



PROJECTED IMAGES DIVISION

Harvey Missan, Chair

The last Roundup was a success. The images were seen from the back and all submitted images were shown. We had just **over 800** digital entries down a bit from the last time.

Digital pictures need to be submitted by 11:59pm on February 7, 2025. The Links are active. The maximum size of an image is 1920x1080 and 3MB. The rotating category is Flowers.

A few things to remember about PixelClash.

- You can drag and drop your images to enter. Note payment is \$3 per category.
- You can change your image entry and edit image titles without having to re-enter all images, at any time up until the entries close. (Default is for PixelClash to use your file name as the image title)

You may need to create an account with Pixel Clash before you enter your images. If you did so last time, your account may still be valid and you can use the same email address and password.

PLEASE NOTE: this time, you will be submitting digital images for your prints too. When uploading your pictures, make sure you select the correct Division, DIGITAL or PRINTS. Since both use the same category names, all the of the category names are prefixed with either DIGITAL or PRINT, so be careful.

The link for registration is:

<https://spring25.arizonacameraclubcouncil.org/register>

You can enter the competition at:

<https://spring25.arizonacameraclubcouncil.org/login>



ACCC FALL ROUNDUP

The Fall Roundup will be held on Saturday, November 15, 2025 at the Palm Ridge Ballroom, Sun City West. The host club is Photography West.



**PRINT DIVISION ACCC SPRING
COMPETITION**
Tom Foley, Print Chair

As we did in the Fall Roundup, a digital copy of your print image must be submitted online in a manner similar to how projected images are submitted. The deadline for the digital image submission is February 7. Your club rep needs to submit the prints at the February 8th board meeting. Every club is different, but you will likely need to submit your prints to your club rep several days before February 8, so please communicate with your club rep and review the rules for the Print Competition, which are listed in the ACCC web page at *Competitions > Competition Rules*, and then click on ACCC Competition Rules(pdf) link. You may enter a maximum of 2 prints in each category, and the price is \$3 per category, regardless of whether you enter one or two prints in the category. There are six categories, which are the same as the projected categories, namely: Color Open, Mono Open, Nature, Photo Travel, Creative, and Rotating. The Rotating theme is "Flowers." Labels should be mounted in the upper left corner using the standard ACCC labels, which are 2"x4". You can get the labels from your club rep or you can print your own using the templates on the ACCC web page at *Competitions > Print Entries*.



**ACCC HONORS
AWARDS**

This was a busy year and difficult when so many ACCC members worked so hard to make the Roundups successful. The awards are given out each fall when ACCC members submit names of recipients who give 110% of their time. This year's two recipients, nominated under the former Honors Chair John Frelich, were recognized for the Fellows Awards for stepping up and going above the call of duty. The first person is Cindy Marple a past president of the Phoenix Camera Club. Cindy has been webmaster for ACCC for the last few years. The website is the lifeline for our clubs, Reps and members. Cindy's job is to make sure the website is up to date with the latest information. This includes everything needed to participate in the spring and fall roundups. This is not an easy task because information changes often but Cindy makes it look easy. Cindy is well known for her bird photography and lectures to many of the ACCC Clubs.

The second person is John Livoti who stepped up to be the president again when no one came forward to take this position. John Livoti was president of Sun Lakes Camera Club where his current duties are to find judges for their club competitions. John has also judged many of the ACCC Roundup competitions over the years

John is currently the PSA Southwest Area Membership Director. John tries to visit all the ACCC Club and talk to them about the advantages of becoming a PSA Club and member. He also has judged at many of the ACCC clubs and given talks on how to help to improve their images for competition.



**ACCC CRITIQUE
PROGRAM**

Ella Schreiber, Chair

Image critique is a free service available to all ACCC members for any image not judged accepted or above. The goal of this program is to offer feedback that may improve your work in a non-competitive safe environment. A pool of very accomplished photographers are willing to share their experience providing a second look with positive and helpful feedback. All requests to the Image Critique program are done double-blind. As a member of ACCC you can submit two images for critique per year. Deciding on the timing of critique requests is each individual's decision.

Insights received might help identify new ideas not considered previously. As the saying goes, "sometimes we are too close to the forest to clearly see the trees". Oftentimes ideas or suggestions received become great learning experiences which leads to image reorder and improvement.

If you have an image that you feel should receive an acceptance or one that might benefit from a second look, consider contacting Ella Schreiber at ellaschreiber6490@gmail.com.



ACCC WEB SITE

The Arizona Camera Club Council web site is: <http://www.arizonacameraclubcouncil.org>. Our webmaster is Cindy Marple. If you have any questions concerning the web site contact Cindy at: webmasteraccc@gmail.com. Be sure to go to our site regularly for information on Roundups and Competition Rules.



PRINT AND PROJECTED IMAGES AWARDS

Fall 2024 COMPETITION (First Through Third Place)

PRINTS:

COLOR OPEN:

1st	Janet Ballard	SLC	A Desert Night (BEST OF SHOW)
2nd	Lou Romain	PCC	Egret Landing Sequel
3rd	Janet Ballard	SLC	Sun Rise on the Range

CREATIVE:

1st	Lou Romain	PCC	Venitian Mardi Gras Vert
2nd	Emily Schwoerke	SCW	Drummer with Spirits
3rd	Lou Romain	PCC	Oily Frogs

MONOCHROME OPEN:

1st	Daniel Lacroix	SPC	Kayaks at Creve Coeur Lake, MO
2nd	John Livoti	SLC	San Xavier Mission Church
3rd	John Livoti	SLC	Classic Car 3a

NATURE:

1st	Isabel Guerra-Clark	PCC	Fishing Bears of Brooks Falls
2nd	Jim Chamberlain	PCC	Eye Lasa Viper
3rd	Janet Ballard	SLC	Uber Eats

ROTATING (SPORTS):

1st	Lou Romain	PCC	Curve One
2nd	Mark Laverman	PCC	Hurler
3rd	Phyllis Peterson	SLC	Leading the Pack

PHOTO TRAVEL:

1st	Laurel Dianne Langmade	PCC	Into the Water South Georgia
2nd	Phyllis Peterson	SLC	Lake Pehoe Reflections
3rd	John Livoti	SLC	Chateau De La Cote Brantome

PROJECTED IMAGES:

COLOR OPEN:

1st	John Gafford	SED	Kirkju Panorama (BEST IN SHOW)
2nd	Elizabeth Ruggerio	PCC	Rolling Alaska Aurora
3rd	Jack Uellenhdahl	PCC	Aerial Combat

CREATIVE:

1st	Bernardine Ginsberg	SCW	Music, Music
2nd	Jan Keane	SCW	Lion in the Engine
3rd	Jerry Sundin	SCF	Roseate Spoon Bill Incoming

MONOCHROME OPEN:

1st	Kathryn Dannay	PCC	Hallgrimskirkja Church
2nd	Ken Duquaine	SLC	Abandoned Farm
3rd	Isabel Guerra-Clark	PCC	Lofoten Seascape two

NATURE:

1st	Donna McGregor	SLC	Featherweight Flight
2nd	Jack Uellendahl	PCC	Big Meal
3rd	Norma Walsh	SLC	The Handoff

ROTATING (SPORTS)) :

1st	Al Unger	IND	Volleyball
2nd	Cliff Cross	PCC	Mad Bull
3rd	Scott Hall	TRI	Turn 2

PHOTO TRAVEL:

1st	Doretha Rivera	PCC	Mosque at Abu Dhabi
2nd	Al Unger	IND	Monument Valley
3rd	Isabel Guerra-Clark	PCC	Central Park from Above



SPECIAL CLUB AWARDS -FALL 2024 ROUNDUP

PRINTS:

Excellence in Landscape Award:	Mark Laverman	PCC	Last Light on the Peaks
Creative Expression Award:	Emily Schwoerke	SCW	Drummer with Spirits
Bob Metz Award Distinguished Mono:	Daniel Lacroix	SPC	Kayaks at Coeur Lake, MO
Best Nature Story:	Isabel Guerra-Clark	SCW	The Alpha

PROJECTED IMAGES:

Best Human Interest Award:	Dune Lakin	TRI	Lucca at Night
Excellence in Landscape Award:	Isabel Guerra-Clark	PCC	Lofoten Seascape-Three
Best Nature Story:	Elaine Uellendahl	PCC	The Race is on
Creative Expression Award:	Emily Schwoerke	SCW	Gods Home
Great Southwest Award:	Al Unger	IND	Monument Valley
Night Skies:	Elizabeth Ruggerio	PCC	Rolling Alaska Aurora



COMPETITION ROTATING SUBJECTS



In order to keep our directory current a request is being made to all clubs to inform us of any changes in Officers, Representatives, Dates and Meeting places. We realize that all clubs do not operate on the same schedule. Your cooperation will be greatly appreciated. Please send any changes to Carolyn Lim-Warthman, carolyn.lim.sl@gmail.com Also, please forward the same information to me. This way, I will be able to email the Chronicle to your club at publication time.
Thank you,
Bernardine Ginsberg, mginsber@cox.net

2025 Spring:	Flowers	Fall:	Cityscape
2026 Spring:	Sunrise/Sunset	Fall:	Arches
2027 Spring:	Silhouettes	Fall:	Eyes
2028 Spring:	Patterns in Nature	Fall:	Doors & Windows
2029 Spring:	Street Art	Fall:	Still Life
2030 Spring:	Children	Fall:	Architecture



snippets & tidbits



Over the next 12 months, expect even more southerly displays of the aurora borealis, a dramatic "sunrise eclipse," plenty of pretty planetary views and some magical moonless meteor showers.

Here are the 10 biggest astrophotography opportunities to circle on your calendar in 2025...

1) January 16 – Mars at opposition

After 26 months, the Red Planet finally comes to opposition, when it will be at its most prominent, shining at magnitude -1.4. Its disk will be 100% illuminated as seen from Earth as it passes between the sun and our planet. Mars at opposition is the best time to observe and image the fourth planet, its disk reaching 14.5 arcseconds in size. It's sure to have astrophotographers reaching for their planetary cameras.

2) January 03, February 01 and March 03 – Crescent moon meets Venus

The classic sight of a slender waxing crescent moon creeping past the brightest planet in the sky is offered on three evenings early in 2025. Look west as soon as the sun sets, and look for reflected light, called "Earthshine," on the moon's dark side. Make sure to read up on when to photograph the moon.

3) January 11 - February 19 – Venus as a crescent

Astrophotographers will get the chance early in 2025 to watch the post-sunset sky as Venus, over a month or so, shrinks from being half-lit to a slim 23%-illuminated crescent. As a consequence of it getting closer to Earth, this period of what astronomers call dichotomy will cease with the "Evening Star" planet shining at its brightest (magnitude -4.9) a few weeks before it sinks into the sun's glare. It will emerge as the "Morning Star" in April.

4) January 18 – Saturn and Venus in conjunction

In an event that will be observable from anywhere on Earth, Saturn and Venus will appear to get to within just two degrees of each other. The action will take place after sunset in the southwest in the post-sunset sky, but it won't be a fair fight; Saturn will shine at magnitude +1.1, while Venus will blaze away at magnitude -4.6.

5) March 29 – Partial solar eclipse

Although it won't be as famous, nor as dramatic, as 2024's total solar eclipse, North Americans with an adventurous side – and willing to travel to Maine or to Canada's provinces of New Brunswick or Quebec – may snag a unique image of a sunrise more than 80% eclipsed by the moon. The chances of a clear sky, however, are not good.

In Europe a small partial eclipse will be visible, with about a third of the sun blocked by the moon as seen from the UK. If you're feeling brave, and fancy using your phone, check out these 7 ways to photograph the solar eclipse with your smartphone.

6) March 13-14 and September 08 – Total lunar eclipses

They're the first so-called Blood Moons (despite being orangey-pink in color) since 2022, but only North Americans will get a great view of lunar totality in 2025. From North America, March's total lunar eclipse will occur in the middle of the night, with totality lasting 65 minutes. That's as perfect as it gets.

The price, however, is that North America will see nothing whatsoever of September's repeat performance. Europeans will see the setting full moon totally eclipsed in March and the rising full moon totally eclipsed in September.

7) August 12 – Venus and Jupiter in conjunction

An early start will be required to capture one of the most beautiful planetary conjunctions of 2025. Venus, as the bright "Morning Star," and Jupiter will appear just 52 arc minutes apart – a very close conjunction by any standards. There's also a warm-up; on July 21 and 22, the "King of Planets" will join Venus and a crescent moon in the pre-dawn sky.

8) November 05 – A brilliant 'Super Beaver Moon'

Super moons are not rare. If you define them as about 10% closer to Earth than other full moons, there are typically four each year – that's a third of all full moons! However, some are exceptionally close and significantly larger and brighter than average. November's full moon in 2025 will be the closest full moon since 2019. Make sure to learn how to photograph the full moon before firing up your camera!

9) November 02 – International Space Station at 25

Have you ever imaged the ISS as it crosses the night sky? A simple long-exposure image can help you do that as long as you're armed with the precise details of when and where it will appear. You can get that at NASA's Spot the Station service, and there's a good reason to do it in 2025: the orbiting space station celebrates 25 years of continuous occupation since its first long-term residents, Expedition 1, arrived on November 02 2000. Here's how to photograph the International Space Station.

10) December 13-14 – Geminid meteor shower

With the Perseid meteor shower 2025 marred by strong moonlight, the Geminids will be the "shooting stars" to watch in 2025. From December 04-17, the peak rate of meteors – which can reach 120 per hour – will occur overnight and appear to come from the constellation Gemini.

The result of dust and debris left in the inner solar system by asteroid 3200 Phaethon, the Geminid shower is uniquely colorful, with its "shooting stars" appearing white, yellow, green, red and blue.