

Nov
2017

The BELLOWS

All day event includes two presentations, two judging's, free coffee, free doughnuts, & FREE LUNCH

O'Toole NPPNW Keynoter, Be There

WALK-INS WELCOME

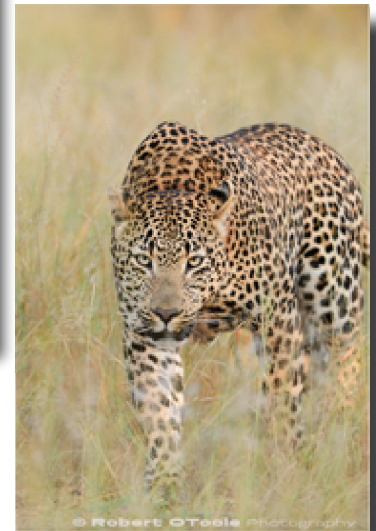


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**ROBERT
O'TOOLE
GALLERY
PHOTOS**



© Robert O'Toole Photography



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- Sat. Nov. 4th,
 - 8:30 - 4:30
 - Linn-Benton Comm. College
 - Only \$15
 - Free coffee
 - Free donuts
 - Free lunch
- WOW!**

To those who miss this, add it to your list of:
"Things I coulda, & shoulda, done."



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4Cs October Winning Monthly EID Images

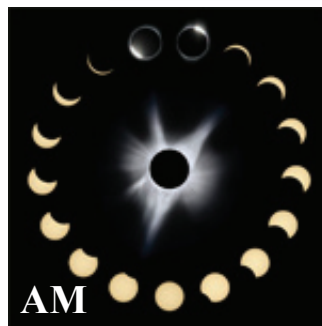
EPS did not enter.

AM = Award of Merit – 22-24 pts

HM= Honorable Mention – 21 pts

Twenty-one clubs compete monthly. EPS is still uncertain about entering.

Bruce Bittle
EPS 4Cs Representative





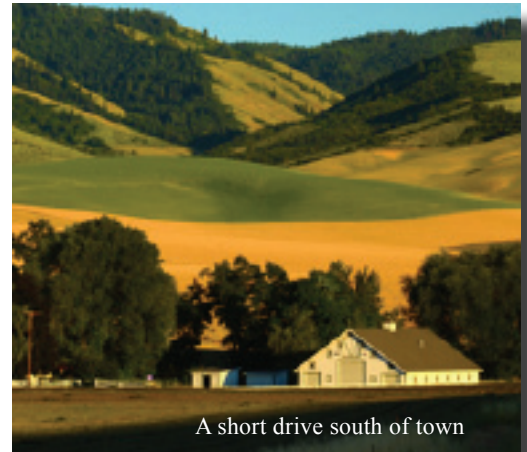
Preview For Walla Walla 2018 Palouse Field Trip



The fancy ghost farm



Old town, downtown



A short drive south of town



City park RC car race track

Photo ops
in and
around
Walla
Walla



Controversial city park statue



Another look at the fancy ghost farm



City Museum historical wheat harvest diorama



Blacksmith shop - Old Fort Walla Walla



Old Fort Walla Walla workshop



The way Old Fort Walla Walla looked





Light is your subject – Color is your partner

EPS Club News

But, Lady Luck will sometimes be your best buddy

And . . . The Winners Are . . . Umm . . .

At the second meeting in September thirty-three EPSers had an opportunity to vote for their favorite images among fifty entered in the 2018 EPS Calendar Project.

Then at the next meeting the Calendar Committee

Dave Horton, Graham Smith, and myself, (**Jeff Green** was said to be doing something in Moab. UT), chose and displayed 13 images that would be next year's finished product. That's the really hard part and we were done. We thought.

At the very last minute, **Don Lown** who had been in New Zealand when images were originally submitted, sent an email saying, "I found it!" His unique shot of a hummingbird in snow that some of us had recalled.

We could see that this would make the finished product way better, but some things would have to change. In this business if the product is not rolling off the press, changes

are always possible. So we made them, with both committee and winners unanimous approval.

Now we're shooting for a mid to late November finished product. We think you'll like the result. They will

Winning Images 2018 EPS Calendar

Cover – *Blue Heron* – **Gina Reynolds**
January – *Owl in Snow* – **Graham Smith**
February – *Plover Pair* – **Rick LeBrun**
March – *Grebes & Kids* – **Andy Nowlen**
April – *Vermillion Flycatcher* – **Gina Reynolds**
May – *Gila Woodpecker* – **Gina Reynolds**
June – *Cardinal* – **Rick LeBrun**
July – *Eagle & Flag* – **Gina Reynolds**
August – *Wood Duck* – **Graham Smith**
September – *American Dipper* – **Andy Nowlen**
October – *Northern Harrier* – **Rick LeBrun**
November – *White Faced Ibis* – **Gina Reynolds**
December – *Rufous Hummer* – **Don Lown**

cost approximately \$7 each and we are now taking pre-orders for folks who need more than 5.

Bruce Bittle



Remaining EPS Field Trips

• November 18

The Dalles Exploration w/
Maryhill Moon Shoot / Alford Desert
- (Alt. Deerhorn property) *A. Adam*

• December - TBA

••• Potentials •••

Xmas lights
Tuba gathering
Springfield Santa Parade
New home for Albany Carousel

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Jeff Green, Graham Smith,
David Winther

High Attendance For 4Cs 2017 Ashland Convention

The 2017 4Cs Convention in Ashland was one of the best attended ever. Local names carried the day with informative presentations in a well organized and smoothly running program.

However, only three EPSers were there to enjoy this full day of informative photo presentations. Next year's event will be held in the Portland area.

Bruce Bittle



Deb Harter from So. Oregon Photo Club telling how she learned to do portraits.



New Camera Mimicks Mantis Shrimp Eyeballs

By mimicking the eye of the mantis shrimp, University of Illinois researchers have developed an ultra-sensitive camera capable of sensing both color and polarization. "The bio-inspired imager can potentially improve early cancer detection and help provide a new understanding of underwater phenomena," the researchers said.

"The animal kingdom is full of creatures with much more sensitive and sophisticated eyes than our own," said Illinois professor Viktor Gruev, "Many can perceive natural phenomena invisible to humans." The mantis shrimp, considered one of the best hunters in shallow waters, possesses one of the most sophisticated eyes in nature.

"Compared with human vision, which has three different types of color receptors, the mantis shrimp has 16 different types of color receptors and six polarization channels," Gruev said.

"These organs not only surpass the sensitivity of our own visual systems, they also capture more visual information, using less power and space, than today's most sophisticated,

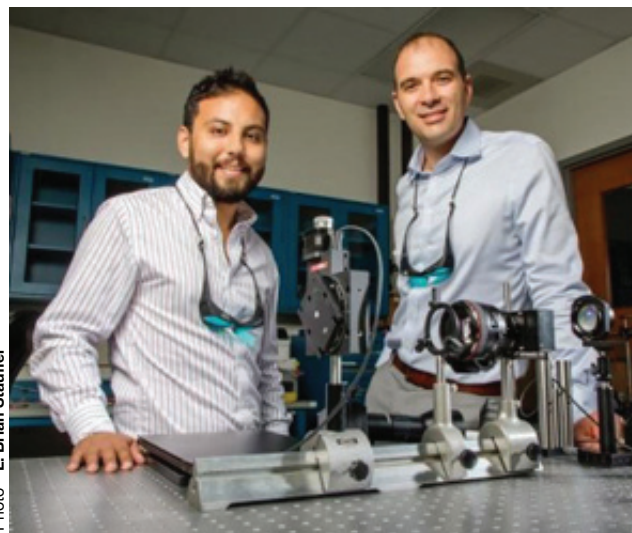


Photo - L. Brian Stauffer

Illinois professor Viktor Gruev, right, and graduate student Missael Garcia have a camera mimicking the eye of the mantis shrimp.

state-of-the-art cameras," he said.

"Nature has constructed the mantis shrimp eye in such a way that photosensitive elements are vertically stacked on top of each other," Gruev said. "This stacking allows them to 'see' the polarized properties of light."

The same laws of physics that apply to the mantis visual system

also apply to silicon materials, the material used to build digital cameras. By stacking multiple photo-diodes on top of each other in silicon, we can see color without the use of special filters. And by combining this technology with metallic nano-wires, effectively replicates the portion of the mantis shrimp visual system that allows it to sense both color and polarization.

The applications for such cameras are wide-ranging, from early cancer detection to monitoring changes in the environment to decoding the covert communication channels that many underwater creatures appear to exploit.

Science Daily
October 12, 2017
Univ. of Illinois at Urbana-Champaign



Wildlife Royalties: A New Future For Conservation?

Should people who profit from the cultural representation of wildlife pay towards conservation? That is the question asked in new research conducted by zoologists from Oxford University's Wildlife Conservation Research Unit (WildCRU).

Organizations that profit by using wildlife imagery could establish corporate responsibility to contribute a portion of annual income to the conservation of the animals used to

represent them.

Big cats for example, are a marketing dream. Sports teams and products use their likeness everywhere. In fact the British Lion Quality Seal, sells about 30 million eggs a day in Britain.

If a royalty system were introduced, and each lion egg stamp were to earn the species one tenth of a penny, then every day lion conservation could receive £28,900. That's £10.5 million a year.

Yet, the lion in general is in crisis. Human conflicts with poaching, habitat loss and trophy hunting mean there are now probably less than 25,000 lions left in the wild. When you consider how much revenue could be made from egg sales alone, introducing a royalty for the use of wildlife imagery is both logical and highly lucrative way to fund conservation.

Another example: The Eng-

continues on next page



Royalties continued



Photo - Bruce Bittle

Finley Wildlife Refuge south of Corvallis with Mt. Jefferson in the background. 2016

lish Premier Soccer League uses a crowned lion as its logo. It is the richest of all the leagues selling 5m tickets a year. If the league contributed just £1 for every t-shirt sold per year, it

would be enough to employ 4,000 local people to act as lion defenders each year, and buy a lot of good publicity in the bargain.

For centuries we've used these

species images for years as national and organizational identities. Isn't it now our turn to protect them and their habitat?

*Science Daily - Aug. 4, 2017
University of Oxford*



Bird's Eye Discovery May Cure Human Problem

Humans belong to a select club of species that enjoy crisp color vision in daylight, thanks to a small spot in the center of the retina at the back of the eye.

What controls the formation of the high-acuity spot, known as the fovea in humans is unclear. Researchers now have the first insight to this question by studying: chickens.

Researchers found that formation of the high-acuity area in chicks requires suppression of retinoic acid, a derivative of vitamin A known to play many important roles in embryonic development.

If the discoveries hold true in humans, the work might one day provide clues about combating macular de-



Photo: Susana da Silva

A quilt inspired by the chick retina with the gray circle represents the high-acuity zone.

generation, the leading cause of vision loss among people age 50 and older.

Stem cell researchers have made remarkable progress in building so-called organoids that mimic human eyes. "We're suggesting that removing retinoic acid at the right time, may allow them to generate a fovea," said researcher Connie Cepko. "Macular degeneration is a major problem for the aging population, and we don't understand why that area is vulnerable."

"This is the first mechanism we've uncovered for how this area forms," said Cepko. "We don't know where it will lead, but it's pretty exciting."

*Science Daily - June 23, 2017
Harvard Medical School*



Q & A With Tim Grey

ASK?
tim
grey

Q:

How can I select the entire sky across all images in a composite panorama photo, for example?

A:

The key to creating a selection that includes pixels from all layers is to enable the “Sample All Layers” check-box found on the Options bar.

“Sample All Layers” option [will take you to] all layers in the image rather than only the layer that is currently active on the Layers panel.

Of course, you’ll also want to stay aware of the “Sample All Layers” check-box and remember to turn it off when you need an exclusively single layer adjustment. But generally most photographers tend to want this check-box setting turned on rather than off.

Q:

What do you consider the best time to rename photos? At the time of import, or at the end after I have imported and refined to just the images that I want.

A:

I prefer to rename photos at the time of import. This ensures there will never be any inconsistencies, such as sending a copy to a client right before renaming a group. However, it also makes sense to rename after deleting any outtakes so there are no gaps in the file numbering for the photos that remain.

In large part the question here relates to your tolerance for having

“missing” image numbers in a file-name sequence and ensures [a single] “new” filename for a group.

That said, some photographers prefer to rename later in their workflow [after post processing]. I certainly understand this preference, but to me that is secondary to renaming [at the beginning of] my workflow.

The bottom line is that I recommend renaming photos as early as possible. If you want to rename after deleting outtakes, that means [doing your] outtake review as soon as possible then renaming immediately after that review [to eliminate numbering gaps].

Q:

When sending an image from Lightroom to Photoshop then save it back to Lightroom, the TIFF is always stacked with the original. Is there a way to permanently turn stacking off?

A:

Yes, you can turn off automatic stacking for images sent to an external editor (such as Photoshop) by turning off the “Stack With Original” check-box on the External Editing tab of the Preferences dialog.

By default, when you send a photo from Lightroom to an external editor such as Photoshop, the new derivative image created in the process will be stacked with the source image used to create the derivative. So, for example, if you send a RAW capture to Photoshop, the TIFF or PSD file

that results will be stacked with the RAW image.

You can turn off this feature in the Preferences dialog. Start by choosing Edit > Preferences from the menu on Windows or Lightroom > Preferences on a Mac. Then go to the External Editing tab and turn off the “Stack With Original” check-box toward the bottom of the dialog. From that point forward, photos you send to an external editor will not be stacked with the original.

Editor’s Note:

For those of you who are signed up for the Palouse field trip in May, there’s a good chance we might run into Tim Grey at that time. He leads high-powered workshops from the east coast to this area every year.

Tim is a nice guy, a good photographer and an excellent instructor. You’ll want to listen carefully when he’s around as he’s one of the best in the business. But, you already know this by reading this monthly page for years.



Tim Grey currently publishes the monthly online magazine PIXOLOGY. He is a top educator in digital photography imaging, offering clear guidance on complex photo subjects. Tim has written books – magazine articles – and is a Photoshop World Dream Team member.

[Ed Note: Articles are reprinted with permission & abridged to fit.]



What To Know

November 2017

- 2 Challenge Night - Theme TBA Oct. 5
- 9 Ed. Night, **TBA**
- 16 Print & Digital Competition night
- 30 Photo Forum Night, Q & A, Demo

December 2017

- 7 Challenge Night - Theme TBA Nov. 2
- 14 Print & Digital Competition night

*Only two Meetings
In December
Happy Holidays!*

January 2018

- 4 Challenge Night - Theme TBA Dec. 7
- 11 Ed. Night, **TBA**
- 18 Print & Digital Competition night
- 25 Photo Forum Night, Q & A, Demo

February 2018

- 1 Challenge Night - Theme TBA Jan. 4
- 8 Ed. Night, **TBA**
- 15 Print & Digital Competition night
- 22 Photo Forum Night, Q & A, Demo

March 2018

- 1 Challenge Night - Theme TBA Feb. 1
- 8 Ed. Night, **TBA**
- 15 Print & Digital Competition night
- 22 Photo Forum Night, Q & A, Demo

April 2018

- 5 Challenge Night - Theme TBA Mar. 1
- 12 Ed. Night, **TBA**
- 19 Print & Digital Competition night
- 26 Photo Forum Night, Q & A, Demo

May 2018

- 3 Challenge Night - Theme TBA Apr 5
- 10 Ed. Night, **TBA**
- 17 Print & Digital Competition night
- 24 Photo Forum Night, Q & A, Demo

Where To Go

• At the Courthouse

Mark Gotchell has a new show in the Harris Hall Lobby at the Lane County Courthouse, 125 E 8th Ave. in Eugene. The lobby is open 8-5 weekdays and the show will be up until the end of the month.

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*"If you don't blow your own horn,
somebody else will use it
for a spittoon."*

Ambrose Bierce

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