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**Peoria Astronomical Society, Inc.**

P.O. Box 10111 Peoria, IL 61612-0111  
Section of Peoria Academy of Science  
Affiliate of the Astronomical League

[www.astronomical.org](http://www.astronomical.org)

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# **STARLITE**

## **SUMMER, 2016**

### ***WHAT'S IN THIS ISSUE?***

List of Board of Directors  
Editor's Notes  
Address/email changes  
Future Editions of the Starlite  
New Members  
Position open  
Fall Banquet  
Photos/Articles for Website  
Caterpillar Matching Gifts  
Programs for 2016-2017  
Observing Dates  
Starlite Past Article  
Northmoor Hosting Schedule  
Jubilee Maintenance Schedule  
Membership Roster

### ***Directors:***

President: Dan Son, [sonshine1992@gmail.com](mailto:sonshine1992@gmail.com)  
Vice-President: Jesse Hoover, [hooverje@gmail.com](mailto:hooverje@gmail.com)  
Secretary:  
Treasurer: Brian Hakes, [bhakes02@comcast.net](mailto:bhakes02@comcast.net)  
Parliamentarian: Nick Johnson, [johnsnl@comcast.net](mailto:johnsnl@comcast.net)  
Nominating Chairman: Tatiana Johnson, [2gsheps@gmail.com](mailto:2gsheps@gmail.com)  
Legal Agent: Mike Hay, [me.hay@comcast.net](mailto:me.hay@comcast.net)  
Northmoor Chairman: Nick Johnson, [johnsnl@comcast.net](mailto:johnsnl@comcast.net)  
Jubilee Chairman: Robert Pauer, [sbpauer@winco.net](mailto:sbpauer@winco.net)

**PEORIA ASTRONOMICAL SOCIETY IS NOW ON FACEBOOK:**

[www.facebook.com/PeoriaAstronomicalSociety](http://www.facebook.com/PeoriaAstronomicalSociety)

**Editor's Notes:** Starlite Editors: Mike and Linda Hay: [me.hay@comcast.net](mailto:me.hay@comcast.net) or [ls\\_hay@yahoo.com](mailto:ls_hay@yahoo.com) (little L not #1 and underscore between s and h)

Articles should be submitted to Linda via email addresses: [ls\\_hay@yahoo.com](mailto:ls_hay@yahoo.com)  
Deadline for articles for future 2016 publications are August 17, and November 16.  
(Please submit all articles in a **WORD** format. I have an older Windows XP desktop computer that is using Word 2000. Files sent as PDF files cannot be read on it.) I appreciate the cooperation with meeting the deadlines. It makes my job so much easier. Thank you.

**PLEASE NOTE:**

Please notify Scott Swords at [sswords3@comcast.net](mailto:sswords3@comcast.net) if you will be getting a new mailing address, email address and/or phone number. It is important that he has your personal information correct so you will continue to receive the Starlite and the Reflector. He would also like to receive any changes to your e-mail address as this is part of his database.

If you would like to join the Peoria Astro e-group or if you have changed your e-mail address, please notify Mike Frasca at [mfrasca@att.net](mailto:mfrasca@att.net) with your e-mail address (for in-club use only – not given out to other sources). He does not need your mailing address or phone number. If you are not a member of the e-group, you may want to consider joining. A great deal of club activity information is sent via the e-group. And by the way, it is free to join!!!

**FUTURE EDITIONS OF THE STARLITE NEWSLETTER**

**New delivery method for the Starlite:**

From Dan Son

The PAS board has talked about stopping the process of printing and mailing Starlites out to members. We have considered this for a long time and with the costs being so high for this, we have decided to try emailing them to members as well as having them online at our website. Don't be surprised if this edition of the Starlite comes to you by mail and email. For members who have already joined the email group, you will just get an email with the Starlite attached, for those members who have not joined the email group, you will have to go to the website and download it from there. This would be a good time to join the email group to get the Starlite and also get information for star parties and such. The stopping of mailed copies will start with the **Fall Starlite** or Winter Starlite. If you have question feel free to email me or any board member with your concerns.

**NEW MEMBER:**

The Peoria Astronomical Society welcomes new member:  
Tony Singer, Galesburg, IL.

**PRESIDENT'S RAMBLINGS: Dan Son**

Well it's summer and who doesn't love summer. With all the discussion of the upcoming Republican & Democratic conventions and news covering it, it's nice to go outside and look up at the evening sky and forget the world. I am looking at Mars tonight a beauty near Antares and remember being at Northmoor with long lines to view Mars at its closest approach in 2003. That was a great time for a fairly new member using an old SCT that required 120v to run.

Northmoor just opened up this weekend and I am looking forward to going out there and showing the public a good time observing. Are you interested in helping at Northmoor? Just ask Nick Johnson and he will help you. We are always needing more help. This is true in the PAS board also, please consider helping out on the board if you are asked or if you want to fill a position let just us know. Without members helping at Northmoor or on the board, we as a group can't give the members and the public opportunities to share and learn about astronomy.

Thanks to everyone who help out at Jubilee, that not only includes mowing and maintenance but also helping at the ICC star party. I hope to see you out at Jubilee this summer observing the night's sky. Life is short and moving so fast that we sometimes forget to stop and smelling the roses or in our case looking up at the stars. Hope you have clear night skies.

**POSITIONS OPEN: Dan Son**

**Secretary** for Peoria Astronomical Society: This position is open for any member who would like to be an active part of the Board of Directors. The job entails taking minutes at the Board meetings (3<sup>rd</sup> Wed. of each month) and emailing copies to Board members for use at the meetings. If you are available, interested and willing to fill the position, please contact Dan Son.

**BANQUET INFORMATION: Dan Son**

The PAS Annual Banquet is September 17<sup>th</sup> at 5pm at the Lariat Steakhouse. The address is 2232 West Glen Peoria, IL. Here is their web site: [www.peoriasteakhouse.com](http://www.peoriasteakhouse.com). Here you can see their menu. We will be having dinner at 5pm and we will be ordering off the menu. The slate of officers will be voted on during the business portion after dinner. Sheldon Shaffer will give a short presentation on the 2016-2017 programs he has set up for us. Any questions feel free to call or email me, Dan Son 309-224-9150 or [sonshine1992@gmail.com](mailto:sonshine1992@gmail.com)

**Submission of photos / article content for the website: Jesse Hoover**

If you have taken a nice photo that you would like to display on the PAS website, please send these to [hooveje@gmail.com](mailto:hooveje@gmail.com). Photos can be anything relating to astronomy. Maybe you snapped a good photo from a star party, club event, personal viewing, etc. Any astro-photography is encouraged! Also, if you have educational content, tips, techniques, lessons learned, or how-to articles with photos, we encourage that material also for the website. Just send me your photos or content, and I can review and post it to the website. Thanks!

**The Caterpillar Matching Gifts Program**

**From Brian Hakes**

As of July 1, 2012 the Cat matching gifts program changed. Employees/Retirees are asked to submit matching gift forms electronically via the Caterpillar Foundation website, [www.caterpillar.com/foundation](http://www.caterpillar.com/foundation). The process is easy. Once you made your gift to the PAS you can go on line to the Cat Foundation website and complete the electronic form, there is no paper involved. Once the form is registered with the foundation they will notify the PAS and the treasurer will then verify the gift has been received. Because there will be no mailings, the turnaround time for the whole process will be negligible. This is especially advantageous at the end of the calendar (tax) year. This is an excellent way to support the PAS. If you can, please participate in this generous program. This is a great way to help the society and the promotion of astronomy in the greater Peoria area.

## **PROGRAM SCHEDULE FOR 2016 – 2017**

October 5, 2016	Asteroid Capture Missions: Rob Landis (via Skype-NASA)
November 2, 2016	Astro Jeopardy: Gene Hodel
December 7, 2016	The March 9, 2016 Total Solar Eclipse Cruise to Indonesia: Sheldon Schafer
January 4, 2017	Dawn of the Space Age (or other Full Dome Show)
February 1, 2017	Horizon: The End of the Solar System (BBC show filmed in Peoria)
March 1, 2017	Astronomical Tourism: Members of the PAS : tentatively including: Brian Hakes: Mauna Kea and Greenwich Observatory and Astronomy Museum Tim McGrath: Nebraska Star Party Steve Russell: Texas Star Party Rich Tennis: Nebraska Star Party Greg Neaveill: Lowell Observatory, Flagstaff Renaë Kerrigan Greenbank Radio Observatory Sheldon Schafer – Various archaeoastronomical sites

A review of sites of astronomical interest (observatories, etc. ) and national star parties and that various members have attended. Presenters who have been somewhere would share his/her experience with a short presentation including the when, where, photos, etc.

April 5, 2017	The Alpha Centauri Star System: Brian Bill
May 3, 2017	Great American Eclipse: Where will you be on August 21, 2017 ? Members of the PAS, Review of individuals' plans, and any group

## **OBSERVING: Gary Bussman**

We will once again host the ICC Star Party at Jubilee Obervatory. Weather is always iffy. We have some dates schedule for this summer star parties for the PAS membership. Those dates are scheduled around the new moon weekends. They are Saturday, June 4th, July 2nd, and August 6th. More to come in the upcoming months! See you when the weather gets good!

## **FROM STARLITES PAST: John Barra**

### 50 Years Ago

Summer Starlite, 1966

“Twenty-five attended Van’s Feb. 8 lecture on Evolution of the Galaxies--”Perhaps you can do little day dreaming yourself the next time you stir cream in your coffee.’--Van Zandt.”

*Great words of wisdom from Van. Probably cheaper too. I don’t think they had Starbucks fifty years ago.*

“REPORT ON THE PEORIA COUNTY STUDENT SCIENCE FAIR: We were much impressed with an exhibit called ‘Flying Saucers, aerial phenomenon, Do They Really Exist’ done by an eighth grader at Loucks School, Kenneth Schneider.”

*A century later, the question still seems to be asked--at least by a lot of people who have the mininum scientific background to be able to log on the Facebook!*

### 25 Years Ago

Summer Starlite, 1991

“Warm weather and summer skies are here again. This means that dark weekends at Jubilee will be busy. I encourage everyone to come out and take a look at the night sky. Take advantage of the facilities that we are fortunate enough to have at Jubilee.”

*Truer words were never spoken. Now if I only was getting so old, live 40 miles away and hate to drive at night, you would still see me more often.*

“Lights from Proctor Hospital’s new parking deck have increased the light pollution at Northmoor. Eric Clifton and Jerry Gunn volunteered to contact Proctor to see if they could possibly be shielded.”

*The last time I did duty at Northmoor, I barely noticed any lights from Proctor--with all the other light pollution from the city. However, I swear I was still able to see all seven visible stars of the Pleiades. Oh no, I mean the Big Dipper.*

2016 Northmoor Hosting Schedule

Updated: 2/14/2016

7-May	14-May	21-May	28-May
		Jesse Hoover <b>Nick Johnson</b> Tatiana Johnson	Brian Bill Jesse Hoover <b>Gerald Horst</b>

4-Jun	11-Jun	18-Jun	25-Jun
Jesse Hoover Bob Pauer Sheldon Schafer	<b>Terry Beachler</b> Bill Cole Sheldon Schafer	Dave Grebner John Lyle <b>Dan Son</b>	Brian Austin <b>John Barra</b> Nick Johnson

2-Jul	9-Jul	16-Jul	23-Jul	30-Jul
Phil Burroughs Jon Crow Brian Hakes	<b>Bill Cole</b> Jon Wrigley Steve Wrigley	Brian Austin Dave Grebner <b>Gerald Horst</b>	John Barra <b>Brian Hakes</b> Rodney Nordstrom	Brandt Bechtold <b>Phil Burroughs</b> John Lyle

6-Aug	13-Aug	20-Aug	27-Aug
Terry Beachler Jon Crow Dan Son	<b>Bill Cole</b> Rodney Nordstrom Rich Tennis	Elias Samaha <b>Jon Wrigley</b> Steve Wrigley	Brian Bill Brian Hakes <b>Sheldon Schafer</b>

3-Sep	10-Sep	17-Sep	24-Sep
Terry Beachler Dave Grebner Elias Samaha	Brandt Bechtold John Lyle <b>Rich Tennis</b>	<b>John Barra</b> Jon Crow Bob Pauer	Brian Austin Rodney Nordstrom <b>Dan Son</b>

1-Oct	8-Oct	15-Oct	22-Oct	29-Oct
Brandt Bechtold Phil Burroughs Gerald Horst	<b>Nick Johnson</b> Tatiana Johnson Bob Pauer	Brian Bill <b>Jon Wrigley</b> Steve Wrigley		

Lead host in Bold

**2016 Jubilee Maintenance Schedule**

Work Day: To be announced

Bob Pauer	Brian Bill	Eric Clifton	Larry Russell
Jesse Hoover	Jon Crow		

\*Possible repair and grading of drive

May 28	June 4	June 11	June 18
Eric Clifton	Rich Tennis	Nick Johnson	Bob Pauer
Jon Crow	Greg Neaveill	Mark Richardson	Brandt Bechtold

June 25	July 2	July 9	July 16
Scott Swords	Dan Son	Brian Hakes	Gary Bussman
John Barra	Gary Horst	Cliff Jeske	Dave Grebner

July 23	July 30	Aug 6	Aug 13
Bob Pauer	Brian Bill	Eric Clifton	Nick Johnson
Larry Russell	Steve Russell	Jon Crow	Mark Richmond

Aug 20	Aug 27	Sept 3	Sept 10
Rich Tennis	Dan Son	Scott Swords	Steve Russell
Greg Neaveill	Brandt Bechtold	John Barra	Gerry Horst

Sept 17	Sept 24	Oct 1	Oct 8
Gary Bussman	Brian Hakes	Greg Neaveill	Brian Bill
Cliff Jeske	Dave Grebner	Rich Tennis	Bob Pauer

Responsibilities: Check each building to insure security of equipment. Sweep floors, mow lawn and trim around buildings, blow or sweep off grass clippings from walkways. Mowing once a week will help prevent clumping and the need to sweep up clumps. Bring gas to top off mower tank. Currently there is no line trimmer at Jubilee. Since only two people are scheduled each week, it is imperative they insure that someone goes to Jubilee and perform scheduled tasks. Please notify me of any schedule conflicts or problems with the equipment.

Bob Pauer: 879-2438