



# The Night Sky

The Newsletter of  
The Astronomy Club of Akron  
www.acaoh.org

Volume 36 Number 7

July 2014

**SUMMER BREAK! NO MEETING AT KIWANIS THIS MONTH!**

## The President's Column

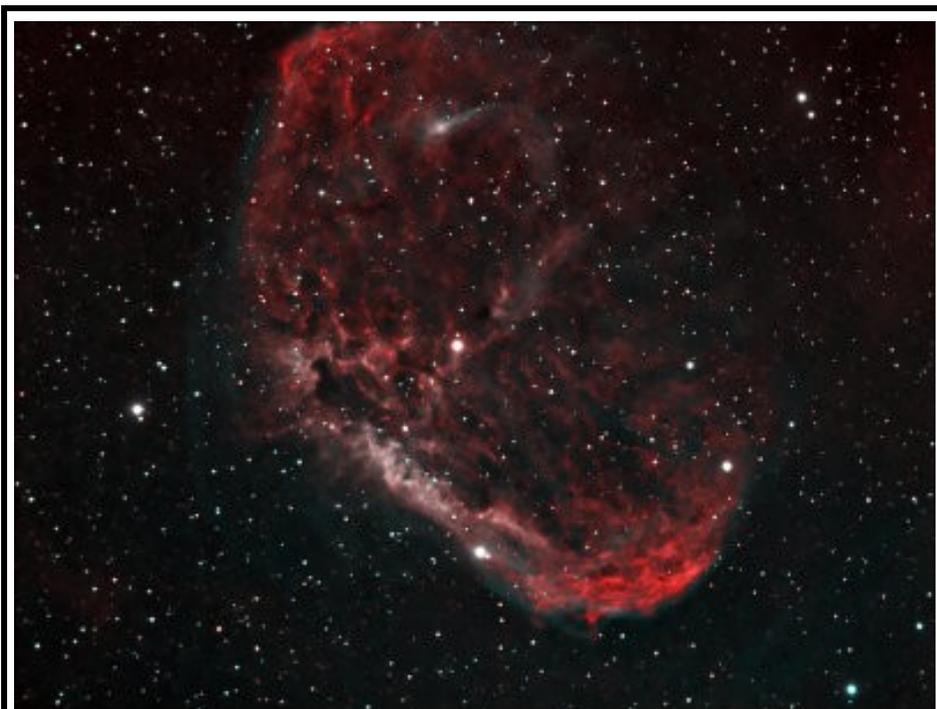
By John Shulan

### Inspiration

Inspiration, according to Webster's Dictionary: the act of inspiring; giving rise to new and elevated thoughts or emotions; the state of being inspired.



I am truly inspired by my fellow astronomers of the ACA when at our star parties I see lots of telescopes set up and Ron with other club members in the observatory, sharing the wonders of the universe with great patience and knowledge. I see all of us helping each other with equipment questions or astronomical questions and instruction. I'm inspired by our visitors to our observatory with their interest and curiosity about astronomy. How excited they are about getting their children interested in science. How the visitors faces light up (no night vision degradation) with amazement at seeing Saturn or a deep space object. I am inspired by our members who send out emails about events or interesting discoveries. They keep us informed on a broader scale. I am inspired by our club members who both share their great astro-photographs and are always willing to help those who want to learn about astro-photography. I'm inspired by our members who



**NGC6888 - Captured July 4, 2014 with 12" LX850 and QSI683WSG-8, five frames eight minute exposures each Ha and OIII. Image by ACA member John Crilly.**

volunteer for outreach programs to help share our love of astronomy with the community at large. These volunteers give up their precious home time for the sake of others. I am also inspired by those at the special-needs camps, who come to look thru telescopes for the same reason we do and show a love of life that can be humbling for those who are not as affected.

So in our daily lives, when we talk about the astronomy, be sure to invite your acquaintances to our star parties.

If they have a telescope, have them bring it and we will help them learn how to use it. It is the best way we can grow our club and share the excitement and the camaraderie of our membership.

Clear skies and hope to see you all standing around in the dark!

*Article by John Shulan,  
ACA President.*

## OFFICERS 2014 – 2016

### President

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### Trustee

### Trustee

### Statutory Agent

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### OTAA Representative

Lou Poda

## June Treasurer's Report

By Glenn Cameron

6/1/2014 Through 6/30/2014

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Checking Beginning Balance	\$2,565.59
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### Income

Dues	335.54
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Magazine Subscriptions	34.00
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<b>Total Income</b>	<b>\$369.54</b>
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### Expenses

Magazine Subscriptions	-34.00
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<b>Total Expenses</b>	<b>-\$34.00</b>
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<b>Income Less Expenses</b>	<b>\$335.54</b>
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Checking Ending Balance	\$2,901.13
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Savings Beginning Balance	\$2,579.40
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Earned Interest	0.11
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<b>Savings Ending Balance</b>	<b>\$2,579.51</b>
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Petty Cash Beginning Balance	\$59.55
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	0.00
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<b>Petty Cash Ending Balance</b>	<b>\$59.55</b>
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Petty Cash	59.55
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Savings	2,500.67
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Checking	2,231.84
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<b>Grand Total</b>	<b>\$5,540.19</b>
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Article by Glenn Cameron  
ACA Treasurer.

# SWAP & SHOP



## FOR SALE:

22mm Orion Epic ED-2 ED Eyepiece  
25mm Orion Epic ED-2 ED Eyepiece

Asking: \$25 each

Contact: Glenn Cameron

Phone: 330-737-1472

Email: glenn@cameronclan.org



## FOR SALE:

Pentax XW 20mm Eyepiece

- Excellent condition.
- Small mark on 1.25" barrel.
- Always used in a compression clamp.

Asking: \$220 (cash)

Contact: Fred Fry

Email: riverfry@gmail.com



## FOR SALE:

Teleview Radian 12 mm Eyepiece

- Excellent condition.

Asking: \$180 (cash)

Contact: Fred Fry

Email: riverfry@gmail.com



## FOR SALE:

15mm Ultra-Wide Angle Eyepiece

Asking: \$40

Contact: Lew Snodgrass

Phone: 330-819-4886

Phone: 330-867-4800 Ask for Lew.

Email: chrply@aol.com



## FOR SALE:

Teleview Radian 18 mm Eyepiece

- Excellent condition.

Asking: \$180 (cash)

Contact: Fred Fry

Email: riverfry@gmail.com

## Advertise in the Swap n Shop!

ACA MEMBERS! Advertise your astronomy related item in the ACA's Night Sky Newsletter!

OHIO TURNPIKE ASTRONOMERS ASSOCIATION (OTAA) member clubs are also welcome to post their astronomy related items for sale in the ACA newsletter!

NOT ASSOCIATED with a club but live in NE Ohio? That's cool too!

Send a picture of your ASTRONOMY RELATED item and relevant information to the newsletter editor:

[truemartian@aol.com](mailto:truemartian@aol.com)



## FOR SALE:

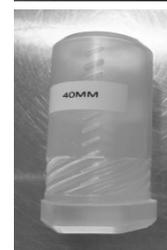
Orion Sirius 40mm Plossl

Asking: \$25

Contact: Glenn Cameron

Phone: 330-737-1472

Email: glenn@cameronclan.org



## MDA Summer Camp Pt. I

By Marissa Fanady



The Astronomy Club of Akron had its first observing event at the Muscular Dystrophy Association Summer Camp on June 15th at camp Cheerful in Strongsville. Lucky for us the skies were good for the first night available and even though it doesn't get completely dark until about 10:00 many campers and counselors were able to see Saturn, Mars, and Jupiter as well as M13. The ACA members who were in attendance were Gary Smith, John Shulan, Glenn Cameron, and Jim Watson. Also in attendance was Liz Humpage a friend of one of the counselors and myself. The set up was fantastic every camper was able to look through at least one telescope and see an object for the first time. Some even had binoculars with them. By 9:45 most campers had gone but the counselors kept coming back highly impressed and amazed. We ended the event at 11:00 and started packing everything up leaving with much gratitude and the hopes of returning next year from everyone at the camp.



(left to right) John Fanady and ACA member Gary Smith working on the computer monitors and ACA member Glenn Cameron setting up his telescope.

The idea of doing an observing event at the MDA Summer Camp first came up in August of last year when I attended a fundraising event for MDA. A woman by the name of Kathy Staats, who helps out at the camp and whom I've known since my first year attending camp, also goes to the fundraiser and asked if the ACA could come out after I mentioned being in the club. A camp worker told me how they have been wanting to do

an observing session so they found some old telescopes in storage. Unfortunately they were completely dirty and had bugs and mice at the bottom of the scope so all they could use was binoculars and naked eye observing. Since nobody had any knowledge of the sky they were unsuccessful in seeing any planets or deep sky objects. Loving the idea I said I would ask and see what we can do for the kids. After years of trying different telescopes both myself and other members could pinpoint what would most likely work best for disabled people. Lots of planning from both parties made this event possible as well as memorable and could not have been done without the volunteers who donated their time, equipment, and expertise.

A total of five telescopes were set up and Gary Smith also set up computer monitors with the help of Glenn, John, Jim, and my dad to show some video presentations. Campers were already coming by 8:45 waiting patiently for the skies to darken, some passed the time by watching the videos. There were some clouds to our west but they cleared up as it got dark. The first object to pop out was Saturn. The ringed planet was easily the showstopper of the night.



ACA president John Shulan setting up his telescope with ACA member Jim Watson along with Liz Humpage.

Many had never seen Saturn with their own eyes especially the campers. People kept asking to see this strange world over and over again. We were very lucky to see Jupiter before it set over the horizon. He was in a perfect position between two trees and just above the tree-line. Even though it wasn't completely dark yet some pointed their scopes towards M13 the Great Hercules Cluster. Both campers and counselors couldn't believe how many stars were packed in this spectacular globular cluster. Mars was also viewed but was not as spectacular as other objects due to how far away and small the red planet is from earth. By the end of the event only counselors were left and all were

asking us to come back next year and all were very thankful we could come out to show these brave kids the wonders of the universe.

A big thank you goes out to everyone who made this event happen. My hope is that we continue to go next year and every year after that. Next year, if we choose to attend again, I hope to make a presentation for the younger campers who can't stay up for observing session. My years at camp Cheerful were the best days of my life. For one week disabled children had the chance to do things we never thought possible like riding a horse, climbing a rock wall, ride in motorcycles, swimming every

day, canoeing, and much more. The Astronomy Club of Akron has added to that list and I'm very proud and grateful for that. The purpose of this camp is to raise self-esteem, show disabled children that nothing is out of reach, that life can be fun and worth it all, a well needed break from doctors and hospitals, and to show that they are not alone, that they have support. I'm so glad that some of you could see my first home and hope that more members will attend next year, it is a very loving environment and you will be inspired by these strong brave kids.

*Article by ACA Member  
Marissa Fanady.*

## MDA Summer Camp Pt. II

By Gary Smith

On Sunday, June 15, 2014 the Astronomy Club of Akron accepted the invitation of Jackie Simcic-Becker to travel to Camp Cheerful in Strongsville and meet the campers and families of MDA Summer Camp 2014. Jackie is MDA Director of Health Care Services of MDA Association of Northeast Ohio. The ACA was very well represented by ACA members Marissa Fanady, Jim Watson, John Shulan, Glenn Cameron, and myself. Marissa's family members, John, Shaunna, and Rachel Fanady also were in attendance and were of great help to the ACA with its presentation to the campers, families, and counselors, of MDA Summer Camp 2014.

This was the first ACA visit to Camp Cheerful in Strongsville. Camp

Cheerful is one of three achievement centers for children, serving children with disabilities since 1940. This is a non-profit organization that provides support, services, and programs to children with disabilities in order to help them achieve their full potential in life.

The ACA members arrived before sunset to unload their equipment and set up their telescopes. We had a full range of refractors, reflectors, and a catadioptric, along with binoculars. Jim and Glenn brought imaging cameras that replaced the eyepiece in the telescope focuser. The image was then displayed on a monitor. There is rumored to have been an audio-visual first for the ACA that with the technical expertise of John Fanady and Glenn Cameron turned out to be a success for most of the evening. Most of the MDA campers were confined to wheelchairs so there was a

challenge in positioning the telescopes to permit a view.

The sky was co-operative for the most part with thickening clouds not occurring until the time to disassemble our equipment and go home. The planets Mars and Saturn were in excellent positions as well as constellations of the early summer sky.

The ACA wishes to thank Marissa Fanady and her family for their help in arraigning this event. Marissa has been a participant in MDA Summer Camp in previous years and this was her suggestion that the ACA participate in MDA Summer Camp 2014 at Camp Cheerful. What a wonderful idea!

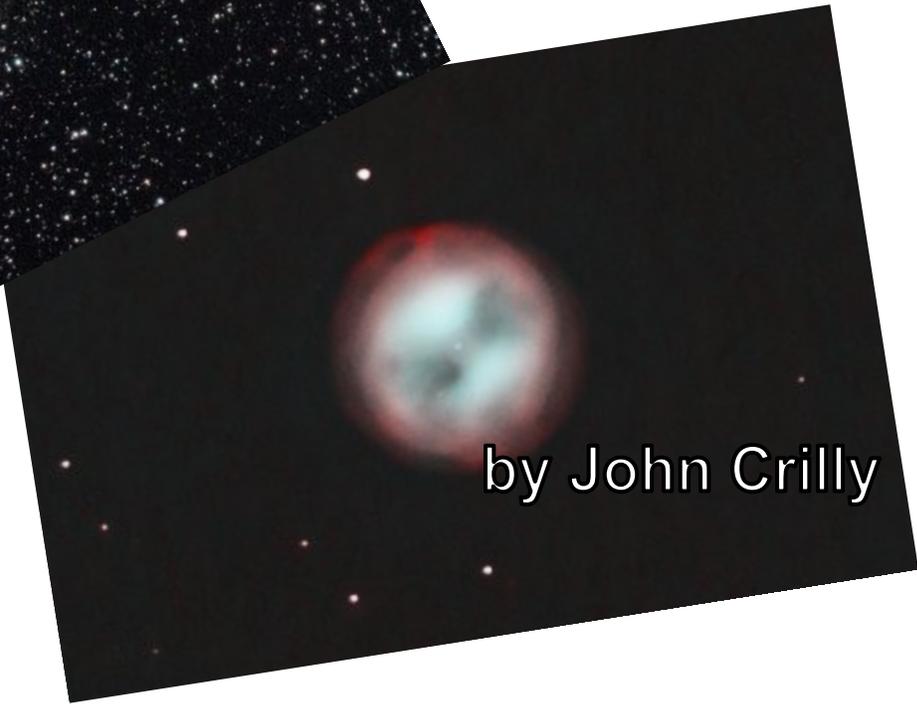
*Article by ACA member  
Gary Smith.*

<b>NEW IMAGES</b> By John Crilly	<b>(Page 6)</b>
<p>M76(top), The Little Dumbbell Nebula - captured July 4, 2014 with 12" LX850 and QSI683WSG-8. Six frames, five minute exposures each R,G,B.  M92 (upper mid) and M56(lower mid), Globular Clusters - both 40 minutes L, 10 minutes each R,G,B.  M97(bottom), The Owl Nebula - 80 minutes each narrowband Ha and OIII.</p>	

<b>NEW IMAGES</b> By Len Marek	<b>(Page 7)</b>
<p>Sun - July 4, 2014 Coronado SM 90 II filter, Televue Genesis sdf, SBig ST2000XM.  Mars - May 18, 2014 Meade 14" LX850 at f/16, NexImage5 Camera.  Saturn - May 30, 2014 14" LX850 at f/16, Neximage5 Camera.  Moon - June 5, 2014 14" LX850 at f/8, SBig ST8300M Camera, photomerge in Adobe Photoshop CS5.</p>	

<b>NEW IMAGES</b> By Len Marek	<b>(Page 8)</b>
<p>Uranus,  NGC 2683(top) - Meade 14" LX850, SBig ST8300M, six frames 5 min RGB binned 2x2.  M57(mid) - Meade 14" LX850, SBig ST8300M, six frames 5 min ea LRGB.  M106(bottom) - Meade 14" LX850, SBig ST8300M, six frames 5 min ea LRGB.</p>	

# NEW IMAGES



by John Crilly

# NEW IMAGES



by Len Marek

# NEW IMAGES



by Len Marek

# THE ASTRONOMY CLUB OF AKRON AUGUST 2014 ACTIVITIES CALENDAR

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>AKRON, OH</b> <b>SUNRISE</b> AUG 1 5:22AM EST AUG 31 5:52AM EST <b>SUNSET</b> AUG 1 7:42PM EST AUG 31 7:00PM EST						
3	4 First Quarter 00:50UT 	5	6	7	8 STOW ASTRONOMY PUBLIC EVENT (www.stowastronomy.org)	9
10 Full Moon 18:09UT Moon at perigee (closest) at 18h UT. 	11 	12 PERSIED METEOR SHOWER PEAKS	13	14	15 STOW ASTRONOMY PUBLIC EVENT (www.stowastronomy.org)	16 ACA OBSERVATORY PUBLIC EVENT 8:30p.
17 Last Quarter 12:26UT 	18	19	20	21	22 STOW ASTRONOMY PUBLIC EVENT (www.stowastronomy.org)	23 MVAS OTAA EVENT NEWTON FALLS, OH CORTESE OBSERVATORY 5:00p.
24 Moon at apogee (farthest) 06h UT.	25 New Moon 14:13UT 	26	27	28	29 STOW ASTRONOMY PUBLIC EVENT (www.stowastronomy.org) Neptune at opposition at 15h UT.	30 ACA OBSERVATORY PUBLIC EVENT 8:30p.
31						

EST = UT - 5 hrs, EDT = UT - 4 hrs

# *The Night Sky*

Newsletter of the Astronomy Club of Akron

c/o Jason Shinn, Editor  
1025C Hemlock Hills Dr.  
Akron, OH 44313

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**The Astronomy Club of Akron**  
c/o Glenn Cameron  
8019 Glendevan St. NW  
Massillon, OH 44646-9018

Yes! I want to become a member of the Astronomy Club of Akron

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

(PLEASE PRINT)

NAME: \_\_\_\_\_ PHONE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_

**Astronomy Club of Akron** annual memberships renew in the month of May.

ADULT (ages 18 and older) \_\_\_\$30.00

JUNIOR (ages 12 to 17) \_\_\_\_\_ \$15.00

ADDITIONAL ADULT member \_\_\_\$15.00

FAMILY MEMBERSHIP \_\_\_\_\_ \$40.00

Visit us on the Web at [www.acaoh.org](http://www.acaoh.org),