

## Analemma Society Annual Report (March 2021 to March 2022)

Analemma Society  
 PO Box 196  
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Analemma Society (AS) is a 501 (c) 3 Educational Non-Profit dedicated to teaching the public science through Astronomy. AS is registered with the Commonwealth of Virginia. We maintained our status by doing our annual registration with the state as well as filing income tax forms with the US Internal Revenue Service. We are authorized by the state of Virginia to fund raise. We operated Observatory Park at Turner Farm to further our educational aims.

From March to June due to the pandemic AS limited Observatory Park (OP) access to special events done outside under social distancing guidelines. On June 18<sup>th</sup> the public we resumed Friday night viewing and OP Saturdays and Sundays on clear weekends for sundial viewing and general unsupervised public access to the park.

### Summary of 2020 onsite activities and webinar online classes

Visitors	Min Incon Volunteer Hours		Park Open		Volunteer hour rate \$26.96											
913	500.5		53													
	Jan	Feb	Mar	April	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year Total			
Volunteer hours	45.5	455	342	0	0	6	6	73.5	43.5	44.5	49.5	0	1065.5			
Attendees	184	729	345	0	0	0	0	38	28	24	0	36	1384			
Hours Park open	14	39	11.5	0	0	0	0	2.5	\$0.00	0	0	2	69			
Estimate of revenue	\$1,816.00	\$6,015.00	\$2,080.00					\$250.00	\$176.00	\$156.00	\$0.00	-\$360.00	\$10,133.00			
Utility Cost																
Estimated Value of Volunteer Hours													\$13,493.48			

### Compared to 2021

Visitors	Min Incon Volunteer Hours		Park Open		Volunteer hour rate \$26.96											
1885	1058.75		193													
	Jan	Feb	Mar	April	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year Total			
Volunteer hours	28.25	3	68.5	44.5	35	166	136	65.5	109.5	112	188.5	102	1058.75			
Attendees	39	32	85	39	39	118	307	137	211	309	413	156	1885			
Hours Park open	4.00	0.00	12.00	6.00	0.00	16.50	30.50	19.00	22.00	31.50	30.50	21.00	193.00			
Estimate of revenue	\$314.00	\$0.00	\$730.00	\$382.00	\$306.00	\$348.00	\$566.00	\$712.00	\$412.00	\$648.00	\$2,472.00	\$0.00	\$6,890.00			
Utility Cost																
Estimated Value of Volunteer Hours													\$28,543.90			

The major difference is we had 471 more visitors but \$3243 less generated income. Opportunity cost was in the loss of the winter Astronomy Festivals.

Over the course of the year we have held zoom sessions for the Fairfax County Public Library as well as Parktakes and Girl Scout groups. We held special Ramadan and library events at the park.

AS monthly meetings were held the first Wednesday of every month via teleconference at 12:30.

In addition AS supported outreach events to inform the public about activities at the park, and did coordination meetings with Fairfax County Park Authority (FCPA) officials.

AS and FCPA Staff presented Parktakes events at the Roll Top such as Astronomy Festivals and the Perseid Meteor Shower with support from Peter Gural, Gerald Kassalow, Alan Figgatt, Jeff Kretsch, Bill Burton, Bob Kellogg, Calvin Powell, Dan Ward and Robert Anderson. The Pandemic resulted in restricted operations from March 2021 to June 2021, after which normal operations resumed with some social distancing in effect.

May 5, 2021 Annual Analemma Society Meeting, elected the following officers and directors:

#### Officers

President:	Charles H Olin
Vice President	Paul Reistrup
Corresponding Secretary	Don Fowler
Recording Secretary	Jacqueline Olin
Treasurer	Dr. Jeffrey L. Kretsch

#### Directors

Robert Anderson	
Allan Figgatt	
Dr. Robert Kellogg	Dr. Douglas Wood

Jacque Olin, recording secretary, had a partial hip replacement as a result of a fall and unfortunately became ill as a result of medication and has not been able to provide this service. Jeff Kretsch and Alan Figgatt have been providing this service for this period.

Analemma Society Members (Alan Figgatt, Peter Gural, Bill Burton, Gerald Kassalow, Calvin Powell, Bob Kellogg, Mary Blessing, Dan Ward and Jeff Kretsch) were active in supporting the Fairfax County Parktakes program with courses on meteors, telescopes, the moon, and family centered courses among other topics. There were 56 Parktakes and outreach sessions over the period of this report plus those Friday Nights we were open.

April-August 2021 AS member Jeff Kretsch monitored blue bird boxes at the Park and provided results to the Virginia Bluebird Society.

June 2021 Eagle Scout Ken Dieffenderfer completed the Analemmatic Sundial on the sidewalk to the Roll Top Entrance. Bob Kellogg provided the sundial technical support.

July-November 2021 Bob Kellogg led an effort with AS members Alan Figgatt, Danial Vrolijk, Gerald Kassalow, John Lagozzino and Jeff Kretsch to build and install the Radio Jove, with first light November 12, 2021.

October 27 – December 12, 2021 The Roll Top Roof ceased functioning. In addition to providing support for diagnosis and repair activities, Analemma Society volunteers with NOVAC support carried telescopes outside as well as brought their own to continue the

telescope observing part of Parktakes and public program activities. This required extra effort on the part of our volunteers. FCPA maintenance was able to repair it after extensive diagnosis. This roof again failed January 13, 2022 and has been in this mode since.

November 19, 2021 Jeff Kretsch received the Elly Doyle Award.

Over the year Alan Figgatt maintained the solar system model on the sidewalk, conducting planet walks for visitor and scouting events.

Over January and February Analemma Society members supported various Science Fair judging activities at Herndon High School.

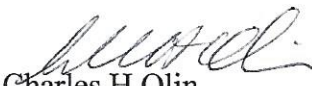
Membership Drive: Analemma Society collected \$1546 in dues and donations over this period.

Springvale Road Pickup: Springvale Road runs along the western boundary of the park, and to maintain a pleasant appearance and environment AS has been doing road pickup under the Virginia Department of Transportation (VDOT) Adopt a Highway program. Jeff Kretsch and Bill Burton have been doing the pickups on a quarterly basis and reporting results to VDOT.

#### Acknowledgements:

AS consists of volunteers, among them Alan Figgatt has led the Friday night observing sessions, Mary Blessing has coordinated the Family Night program with schools and is helping develop and outreach program. Robert Anderson has helped with outreach efforts, and Jeff Kretsch has handled VDOT Road pickup with help from Bill Burton, Dan Ward and Tim Hackman, as well as general duties maintaining the non-profit status of AS. Bob Kellogg has provided webmaster services.

Respectfully Submitted,

  
Charles H Olin  
President  
Analemma Society