

# Northern Colorado Astronomical Society Meeting Minutes 2/13/25



## President

Andy Caldwell  
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## Vice President

Greg Marino  
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## Treasurer

Beth Edens  
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## Secretary

Rob Sireno  
[secretary@nocoastro.org](mailto:secretary@nocoastro.org)

## Agenda

JPL/NASA - The Sky Tonight Presentation

Reports

Treasurer -

Outreach - Greg Halac

Treasurer Election

Announcements

Tonight's Presentation

Clare Higgs - Vera C. Rubin Telescope and the 10-Year Legacy Survey of Space and Time

Dinner at Penrose Taphouse and Eatery

## Attendance

34 in person, 13 online, total 47

## Treasurer's Report

### Balances

Checking Acct:	\$3,154.25
PayPal:	\$1,508.34
CD:	\$2,057.24
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Total Assets:	\$6,269.00

### Expenses

PayPal Fees	\$ 74.80
IDA Donation	\$100.00
Insurance	\$315.00

### Income

Donation(Patterson)	\$250.00
Membership	\$1500.00

## Membership

As of 2/13/25: 137 members

Note that we have not yet purged 77 unpaid members.

Please, if you are going to renew, do so this month so that we don't have to remove and reinstate you.

## New Members!

Jacob Behm  
Jackson Lewer  
Casey Sparks  
Rachel Ruhlen  
Dan Matriccino

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## Proposed Budget & Status

<b>2025 Northern Colorado Astronomical Society Budget</b>					
<b>Income</b>		<b>Each</b>	<b>2025 Budget</b>	<b>No.</b>	<b>2025 to date</b>
Memberships	\$ 25.00	130	\$ 3,250.00	60	\$ 1,500.00
Donations			\$ 500.00		\$ 250.00
<b>Total income</b>			<b>\$ 3,750.00</b>		<b>\$ 1,750.00</b>
<b>Expenses</b>	<b>Due</b>		<b>2025 Budget</b>	<b>Paid</b>	<b>2025 Actual</b>
FoCo Museum of Discovery donation	Feb		\$ 600.00	n	\$
Insurance	Jan		\$ 315.00	y	\$ 315.00
Member Meetings and refreshments	--		\$ 480.00		\$ 61.05
International Dark-Sky Association membership	Jan		\$ 100.00	y	\$ 100.00
State of Colorado filing fee	Jun		\$ 10.00	n	\$
Astronomical League dues (per member)	Jun	\$ 6.00 130	\$ 780.00	n	\$
Paypal fees		100	\$ 136.00		\$ 74.80
Outreach & Educational Supplies			\$ 820.00		\$ 84.02
Marketing & Print Material			\$ 500.00		\$
<b>Total expenses</b>			<b>\$ 3,741.00</b>		<b>\$ 634.87</b>
<b>Net</b>			<b>\$ 9.00</b>		<b>\$ 1115.13</b>

## Outreach Report - Greg Halac

<b>Date</b>	<b>LAST MONTH EVENTS</b>	<b>Visitors</b>	<b>Hours</b>	<b>Comments</b>
23-Jan	Bill Reed MS	44	1.5	Astronomy Club event
31-Jan	Irish ES	63	1.5	Cloudy, each grp saw something
7-Feb	FRCC Observatory	31	2	Mild night, good seeing

<b>Date</b>	<b>CANCELLATIONS</b>	<b>Visitors</b>
3-Jan	X FCNA Fossil Creek Res: Clouds	0
11-Jan	X FCMoD: Solar: Clouds, Wind	0
17-Jan	X LCP Horsetooth Mtn: Snow	0
18-Jan	X FCMoD Solar: Cold, Clouds	0
18-Jan	X Stargazer Observatory: Cold	0
8-Feb	X FCNA Fossil Creek Res: Clouds	0

<b>Date</b>	<b>UPCOMING EVENTS</b>	<b>Start</b>	<b>Comments</b>
15-Feb	Stargazer Observatory	7p	
1-Mar	LCP Horsetooth Mtn	7p	
3-Mar	FCMoD: Solar	12n	Private "Space Day Camp" event
3-Mar	Boy Scouts	6:30p	Fossil Creek PARK, est 60+
4-Mar	Poudre Learning Ctr	7p	

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## Upcoming Speakers - Carla Johns

### March:

Emma Lieb, University of Denver Doctoral Student - JWST Tracks the Expanding Dusty Fingerprints of a Massive Binary

### April:

Dr. Ryan French, CU Boulder - The Sun

### May:

Michael (Mike) Carol, Author & Illustrator - The Earth – Past, Present and Future

## 2025 Budget

Confirmed that a quorum was present as defined in the club bylaws. In the absence of a Treasurer, the President reviewed the proposed 2025 budget with the audience. There were no concerns or objections raised. The President reminded everyone that only members in good standing could vote. He then requested a second, which he received and called a vote by show of hands. The 2025 budget was approved as shown.

## Treasurer Position

Charlie Davis was nominated for Treasurer. Ken Godowski seconded the nomination. A call was made for additional nominations from the floor and none were raised. The President called for a vote by show of hands and Charlie was elected Treasurer for 2025.

## Announcements

### Night Sky Training in the Dome

- Beginner's - Andy Caldwell 2/27/25
- Intermediate – Greg Halac & Greg Marino 4/10/25

### For our June event (Beth will have more details next month)

- Does anyone have a 3D printer?
- Old refractor ... to sacrifice?
- Finder scope ...?
- Old junk eyepieces ...?

## Speaker

Dr. Clare Higgs - Legacy Survey of Space and Time

After completing her undergraduate studies in Physics at Queen's University in Ontario, Dr. Higgs pursued a Masters and PhD in Astronomy at the University of Victoria, in British Columbia, Canada. She studied the resolved stars in nearby, isolated dwarf galaxies to better understand how environment affects the structure of galaxies. She is now the astronomer on the Education & Public Outreach team at NSF-DOE Vera C. Rubin Observatory. The EPO team works to bring Rubin Observatory and its data to the public, as it embarks on a decade of exciting science and discovery.

Clare has a passion for astronomy, particularly observational astronomy in the optical wavelengths and is looking forward to continuing to study dwarf galaxies in the era of Rubin. She lives in Fort Collins, CO with her partner Kyle and dog Poe.