



Charlotte Amateur Astronomers Club  
[www.charlotteastromers.org](http://www.charlotteastromers.org)

Next Meeting: Friday, May 17, 2013  
Time: 7:00 PM  
Place: Myers Park Baptist Church  
Address: 1900 Queens Road

## PROGRAM DESCRIPTION

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### Dark Energy -- Einstein's Lucky Guess?

Presented by: Professor  
Mike Corwin

Mike Corwin, graduated with a ph.d in Physics at Georgia Institute of Technology in 1973. In 1964 he was an Instructor at the Us Naval Nuclear Power School in Bainbridge, Maryland before becoming a teaching Assistant in the Physics and Biology Departments at

Georgia tech University. In 1974 he joined UNCC as an assistant Professor of Physics, becoming Professor of Physics there in 1997. He has written two books, "The Universe: From Chaos To Consciousness" with Dale Wachowiak. Signed by Academic Press, 1984. Acquired by Harcourt Brace Jovanovich, 1986. Published 1989 and "Study Guide to accompany The Universe: From Chaos to Consciousness" with Dale Wachowiak. Harcourt Brace Jovanovich, 1989. Mike has also written dozens of articles which have appeared in many refereed science journals over the past 15 years.



## FROM THE PRESIDENT

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The next club meeting marks the conclusion of my three years as president of CAAC. It's been a great time – thanks to all of you! Among numerous other things during these years.... we changed (improving) our meeting location, had numerous star parties and other outreach, continued and increased our annual scholarship award, and (whew!) completed the fund raising, construction and completion of the expansion project at GHRO – on budget. It has been a great time and everyone has pitched-in to make all of these activities successful. Thank you.

Clear, dark skies....

...Mark

## FROM THE OBSERVATORY DIRECTOR

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### **Loaner Telescopes**

The CAAC has several loaner telescopes for use by members; borrow at one meeting and return the following meeting. We have had two Dobsonian scopes donated and they are now available. One is a 6 inch and the other is an 8 inch to which I have added a Telrad finder and a zoom eyepiece. Both scopes are very basic but very easy to use.

Clear skies,  
Ken Steiner

## UPCOMING EVENTS

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### **CAAC Upcoming Monthly Star Parties**

Saturday, May 11

Saturday, June 8

Saturday, July 6

Monthly star parties are held at the club's **Gayle H. Riggsbee Observatory** in Taxahaw, SC, weather permitting. Contact the Observatory Director, Ken Steiner, for directions to the observatory. All members and their guests are welcome.

## FROM THE TREASURER

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CAAC membership year begins October 1<sup>st</sup>, and ends on September 30<sup>th</sup>. Dues for members joining after January 1<sup>st</sup> are prorated:

- **\$35.00** - Individual and Family
- **\$6.00** - Students, up to 18 years of age
- **\$10.00** - Observatory Access: Allows members unlimited access to and use of the club's observatory facilities and equipment following observatory training/familiarization by the Observatory Director
- **\$25.00** - Private Observatory Pad: Assessed to members that have a private observing pad on CAAC property

Discounted magazine subscriptions can be obtained through the CAAC:

- Sky & Telescope - \$32.95 per year (**savings of \$5**)
- Astronomy - \$34.00 per year (**savings of \$8.95**), or \$60.00 for two years (**savings of \$19.95**)

**Make checks payable to CAAC.** Phil Foust, CAAC Treasurer, will accept them at monthly meetings, or they can be mailed to:

CAAC  
c/o Jim Gaiser  
8624 Lenten Rose Court #203  
Charlotte, NC 28277

### **Pre-Monthly Meeting Gathering**

Several CAAC members gather at Panera Bread (601 Providence Road, just a few blocks from our meeting place) at 5:30 prior to the monthly meeting. Anyone interested in sharing a meal with them is welcome. If you're new to the club, and would like an introduction to some of the folks that attend, contact Steve Rogish by email (s\_rogish@yahoo.com), or see me at the monthly meeting.

FROM THE SECRETARY

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**Register with the Night Sky Network**

The Night Sky Network (NSN) is a nationwide coalition of amateur astronomy clubs bringing the science, technology, and inspiration of NASA's missions to the general public. As a member club of the NSN, the Charlotte Amateur Astronomers Club has access to a number of resources designed to support our public outreach programs. Click the banner above, or use the link below to register:

[http://nightsky.jpl.nasa.gov/club-apply.cfm?Club\\_ID=1468&ApplicantType=Member](http://nightsky.jpl.nasa.gov/club-apply.cfm?Club_ID=1468&ApplicantType=Member)

**CAAC on Facebook**

Find the Charlotte Amateur Astronomers Club on Facebook. Navigate to [www.facebook.com/CharlotteAstronomers](http://www.facebook.com/CharlotteAstronomers), or use the search feature for "charlotteastronomers". Be sure to 'Like' the page, and you'll receive updates on your wall when new content is shared.



Newsletter questions, announcements, change of address - contact Steve Rogish ([s\\_rogish@yahoo.com](mailto:s_rogish@yahoo.com)).

FOR SALE ITEMS

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Bring your items for sale to regular club meetings and display them if you wish. To include sale items in the newsletter, please contact Steve Rogish ([s\\_rogish@yahoo.com](mailto:s_rogish@yahoo.com)). Ads will run for up to three months.

CAAC CONTACTS

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|-----------------------------|--------------|--|
| President                   | Mark Hoecker | <a href="mailto:mhoecker@bellsouth.net">mhoecker@bellsouth.net</a>     |
| Vice President              | Robert Carl  | <a href="mailto:rcarl@carolina.rr.com">rcarl@carolina.rr.com</a>       |
| Secretary                   | Steve Rogish | <a href="mailto:s_rogish@yahoo.com">s_rogish@yahoo.com</a>             |
| Treasurer                   | Jim Gaiser   | <a href="mailto:jegaiser@carolina.rr.com">jegaiser@carolina.rr.com</a> |
| Observatory Director        | Ken Steiner  | <a href="mailto:ken@steiner4.com">ken@steiner4.com</a>                 |
| Public Outreach Coordinator | Robert Carl  | <a href="mailto:rcarl@carolina.rr.com">rcarl@carolina.rr.com</a>       |