



The Astronomy Club of Tulsa Observer



JULY 2010 EDITION



Credit to Stan Davis for this beautiful and patriotic shot.

There is no July membership meeting.

However; below are some upcoming club events.

Event	Date	Program	Where
Members Star Party	8/06/2010	Member Observing	RMCC
ACT Monthly Star Party	8/13/2010	Public Observing	RMCC
Sidewalk Astronomy	8/28/2010	Public Viewing	Riverwalk Crossing

For those who have not visited the club's new Facebook page, go there now!

www.facebook.com/astronomycluboftulsa

Facebook is an excellent tool for sharing and staying "real time" up to speed on what's going on with the ACT. Don't forget to click "like".

Updates from the ACT

The sigh of relief in the room during July 1st's emergency meeting, when the membership voted to select the new insurance company and allow the Club to remain active, quickly turned to unanimous applause. You might have compared the atmosphere in the meeting room at TCC's Metro Campus to that of Venus before the membership voted, but it was nice to feel it transition back into a more proper Earthly pressure and density. I am sure that we are all happy that this crisis is over and excited to get back to growing, sharing and spreading our love of all things astronomical.

The increased cost of insurance will definitely affect things like membership dues, but it also gives us an excuse to come together and work on things like fundraisers to help offset this cost. One time Tax deductible donations are also encouraged, welcomed and thankfully received to help offset the *initial* cost of the new policy, in fact, a few members have already contributed a bit toward this and we thank you.

The Astronomy Club is in dire need of a Program Director. The right person for this position will work directly with the board to setup events, Fundraisers, speakers, etc. Remember that this is your club. Without your involvement, the club suffers. Helping maintain/repair our wonderful observatory on work days, Volunteering for groups that visit the observatory, submitting content for the newsletter, or taking on the big commitment of an elected or appointed position within the club leadership are all necessary things that the club requires to exist. I am sure that I speak for many when I say "Thank you" to those who do some or all of these things regularly. For those who have been thinking of becoming more involved in the club, now is the time to step forward. Your assistance will make things easier for those already contributing and make the club more dynamic and effective in our goals. Give Tom or Ann or any board member a call or shoot an email to act_board@astrotulsa.com and let them know you want to help.

For those who have not yet read the minutes from the emergency meeting, they are included on the following page. "Thank you" to our secretary, Tamara Green, for doing such a good job recording these meetings.

Allen Martin
ACT Newsletter Editor

New Policy note:

The ACT Monthly Star party is open to individuals or family guests but groups need to make separate arrangements. Admission for non-member guests to ACT Monthly Star Parties is \$2.00 per person payable upon arrival.

GROUPS – Due to Limited space we ask that groups make separate arrangements for visiting the observatory. Contact Teresa Kincannon at act_direct@astrotulsa.com

The SideWalk Astronomy events are free and on a come and go basis.

Telescopes are set up near Bass Pro or Jenks River Walk – guests can stop by to view the moon and planets

Astronomy Club of Tulsa –Meeting Minutes- Special Meeting Thursday July 1st

PRESENT:

All four officers

Teresa Kincannon

Steve Chapman

Christopher Proctor

There were a total of 27 people present at this meeting.

President Tom McDonough called the meeting to order at 19:10. He then thanked all for coming. He began with the first order of business, the lawsuit. Tom said that he had spoken with the attorney, and all we can legally say is that there was an accident at the observatory in 2007, our insurance company hired counsel to represent us, and the suit was settled for less than 6 figures. They cannot sue us again, as it is settled. As a result, Zurich declined to renew us when our policy ends July 19. We knew about this since about the middle of April, and our current insurance agent was supposedly working on getting us a new policy but he let us down, and we have been scrambling for other insurance. Good news: we found a company that will insure us, as soon as we send them the check we can get it started; Bad news: it will cost \$2400/year. This will be about 50% of the money we take in from dues and donations. We will need to vote as a club on whether or not to accept the offer.

John Land talked about different quotes and the one that we decided was the best was the \$2400/yr policy from Philadelphia.

This would include Directors' and Officers' coverage, which we did not have before. This will prevent officers and board members from being directly sued in the event of another incident. Tom then said that considering what happened, we really cannot consider any policy without D&O coverage; otherwise nobody will want to serve as an officer or board member.

We had an offer of \$3484 and \$ 1781, both were companies out of state and not licensed in Oklahoma and did not include Director and officer coverage.

John Land gave the membership the particulars of the new insurance policy. The only policy that our old agent came up for us was about \$3500, and did not include D&O coverage.

There was another policy from a company in Arizona for \$1900, but they are not licensed in Oklahoma, and the policy did not include D&O coverage.

He explained that the one that the board decided was the best is from a company called Philadelphia. The will cover us for: \$83,000 for the building, \$20,000 for its contents, \$1 million liability with a \$2 million aggregate. This policy will include Directors' and Officers' insurance. This policy will be about \$2400 per year.

The company is licensed in Oklahoma, and covered by the Oklahoma Guaranteed Fund.

The following club members presented these questions:

Rick Walker asked if this bid would require any repairs to building and John answered no.

Allen Martin asked if making any repairs would make a reduction in the price, John said that he did not think so, for the first 3 years. After that, we might be able to get it lowered, provided we have no accidents/incidents during that time.

Owen Green added that at this time, we are considered high risk.

Sheldon Padawer asked about options for payment (lump sum up front, quarterly, every 6 months, etc.), John said we need to pay the whole balance up front, but we have the funds to do it.

Phil Davis asked if we had previous coverage of directors and officers, and about the possibility of coverage through the Astronomical League. John's answers to these questions were: no, we have not had that coverage previously; and no, the AL has turned us down twice. Their reason is that the Club owns the observatory building. Phil then asked questions about what kind of events are covered, and John explained the events at the observatory, sidewalk events, etc. that the club sponsors.

-Meeting minutes continued

Allen Martin asked if any officer or board member was sued personally, Tom answered no. He then asked what the new policy would cost without directors' and officers' coverage. John and Tom explained that the company will not sell us the policy without the D&O policy.

Alan Woodcock asked who would be covered by this insurance; Tom said that the D&O would only cover directors (board members) and officers. Tom then explained that if a member got hurt at the observatory, for example, then the liability insurance would cover the member. But, if a member got sued personally for something that occurred there, then that would not be covered. Chris Proctor added that in that case, the person's own homeowners' insurance would cover the member.

Sheldon Padawer asked if the board had come to the consensus that this is the best course for us to follow. Tom answered yes. Sheldon then made a motion for club to accept and apply for this insurance, Owen Green seconded. Tom asked who was in favor, but Steve Chapman said that we need to allow for discussion before we vote. Tom agreed.

Dan Lamoreaux asked if anyone had considered contacting Ronald McDonald Children's Charities (RMCC) to ask their carrier to carry us at a non high risk rate. Tom said that this was kind of in the plan, but we were so busy with these things, that it did not happen. Dan asked how the observatory was funded. Tom and John said that they gave us \$25000, and we spent about \$55,000 on construction. Tom and Steve said that the membership at the time helped with the construction of the building and that they did all that they could do. John said that Manhattan construction did most of the work.

Rick Walker asked that if we accept, does the club pay in full up front. And if a month from now, RMCC or another company offers us a better deal, can we cancel out a partial term, or are we going to be bound to Philadelphia? John said that he thinks that we would be bound to Philadelphia for one year.

John explained further, stating his opinion, based on other policies, that if we went with quarterly payments, it would have cost 10% more, and if we canceled, we would only get 75% back.

Tom then explained that the main problem is the time crunch. In 19 days, the Club will have no insurance unless we approve this policy. Then we will be covered on the 18th. Letting our insurance lapse will make it even harder to get a new policy.

Bobbie Willis asked if this will raise the membership dues. Tom said that we will have to look at raising the dues to \$50 per year, but that there was no need to decide on it right now, we can discuss the dues at the annual business meeting in October. John Land told the members that the last time the dues were raised was back in 2005 when they went up from \$25 per year to \$35 per year. Tom said that anyone can make a one-time donation as well.

Tom then made the point that the building needs repairs. He explained that the building is teetering on the brink of turning from an asset into a liability. As a whole club, we all need to work together to generate money so that we can get the building back up to the condition it needs to be in.

Teresa Kincannon then told the members that we as a club can all decide what we want to do and what we want to accomplish.

She explained that the difference in the cost of insurance (\$2400 from \$750) is something we are going to have for at least for the next 3 yrs. We have several different options of what we can do to defray that cost. Members can make a one-time donation to the club, or go back to RMCC to ask them for help.

Richie Shroff asked if we can now vote.

Phil Davis then asked what percentage of the membership we might lose as a result of raising the membership dues. Tom and Teresa said that we are going to have to think about this and discuss it later.

Sheldon Padawer then asked if we want to continue to have this club. He then made a call for a vote. Tom then asked the membership to vote on whether or not to accept the new insurance policy. 24 people voted in favor, 2 opposed. There were 26 people present. Tom then said that the club can now continue uninterrupted, and the membership applauded.

Craig Davis then, noting that the difference between the current membership dues and the raised membership dues would be \$15, asked how many members the club had, and multiply that number by 15. Tom and John said

-meeting minutes continued

that not all of the members paid the full price; some have student memberships and some have senior memberships, which are cheaper than the regular memberships. Tamara did some quick math and came up with about \$2200. Tom estimated that there were about 100 people who bought full-priced memberships and came up with a figure of \$1500.

Judy Lieser suggested a club garage sale for a fundraiser, which Tom thought was an excellent idea.

Following that, John Land gave his financial report.

As of today, this is what the club has: \$4479 in savings, \$933 in cash, \$13,032 in investments. About \$20,000 in liquid assets. Basic expenses, including the figure for the new insurance, about \$5 per member to the Astronomical League for our dues, paid each year in the middle of June, about \$710; \$2400 for insurance; \$100 per month for guest speakers (for the ones we bring in from out of town, for their expenses); \$90 per month for utilities. This is what we need to come up with for operational expenses. He always likes to keep \$250 held back in reserve, in case something happens. He gave the toilet at the observatory needing to be fixed as an example. He also tries to keep a little fund for Chris to do the observatory repairs/maintenance. \$500 of the money in the bank is money people paid for the Adams Ranch event next weekend.

We can cover the insurance, and we will have to talk in October about the dues.

Tom then said that an alternative to raising dues would be for all members to get involved with fundraising. All members could contribute to the success of the club in some way, either by working on fundraising projects, paying dues, doing physical labor for the club, etc, but we as a club all need to get involved.

There was then discussion and explanation about committees and what we as a club need to do to get membership involved to keep the club alive.

Allen Martin expressed his concerns about the apparent lack of communication between the board and the membership. He made some very valid points, and Tom said that he agrees that there needs to be better communication between the two. Teresa told the membership that they are welcome to come to the board with ideas, concerns, etc. and that they are welcome to attend board meetings.

The second order of business was funding the 2011 calendar.

Tom said that it will cost approx. \$1600 for the calendars to be printed. If most of us don't sell at least 5 calendars, we will lose money on them.

John gave a quick rundown on the expense vs. income from the calendars for 2010.

270 out of 500 sold, per his best estimate.

After some discussion between Tom, John and Sheldon, Tom said that our goal is to get them printed in time to sell them at Okie-Tex. Teresa would like people to contact businesses to buy advertising space in the calendars, to sponsor us.

Tom then said that only 25 people sold calendars last year, we need to double that, at least. Otherwise we will lose money.

Sheldon asked if we could find out which of our members would feel comfortable asking their employers to buy advertising space. Tom said that it would be ok.

Teresa and Tom mentioned that Peggy has all pictures and events ready for the calendar to go, Teresa would like to get company sponsors.

As of this point in the meeting, there are 25 people in the room.

After some discussion about the club's website and Facebook page, Allen Martin said that his wife Taylor Forrest wanted to take over the club's Facebook Page, and we all agreed that she could.

Tom then asked if we wanted to vote on whether or not to do the calendars for 2011. Most said yes.

Sheldon suggested having another meeting to plan the calendar project out; John Land said we can go ahead with them without another meeting.

Sheldon then made a motion to approve the funding of the 2011 club calendars, Owen Green seconded, 25 in favor, none opposed.

-meeting minutes continued

Chris Proctor made a suggestion for those who are going to the public star party: Park our vehicles facing North, so that when we leave, we won't have to back out, and take a chance on running over people or telescopes. He will be up at the front directing traffic. This would only be for public star parties, not necessary for members-only star parties.

Sheldon suggested we should have one more volunteer to help direct traffic.

Blake said he could help direct traffic.

Chris then said that there will be another work day next month. He would very much like to see people turn out for it, especially people who have not been to one before. He said it is not fair that only a core group has been going out and working. He asked that if anyone knows a mason, that he needs to talk to him. Chris made a call for people with special skills to help. He then talked about other things we need to do out there right away to help make things safer.

Tom made a call for all of us to spread the word – that we all need to pull together as a club and work to ensure that it keeps going.

Tom adjourned the meeting at 20:38

Telescope for Sale

Orion Sirius 8-inch Schmidt-Cassegrain, including:

Optical telescope assembly Tripod and German equatorial mount

Goto computer Synscan hand controller version 3.24
updatable

Two counterweights

Eyepiece Orion Sirius Plossl 26 mm

Finder scope 6x30

Padded cases for the OTA and for the telescope/tripod/finder
scope assembly

Dew shield

Instruction manuals for telescope and for Synscan controller
v. 3.24, updatable

Also included:

Battery power supply, film astrophotography equipment

For information and demo,

Bob McCallum 749.9445



Unique Home for Sale in Tulsa

This was sent to us by a club member who recently moved out of the area. Though it makes no mention of it on the included website, this beautiful and reasonably priced home has a **10' x 10' Observatory with an 8' dome in the backyard!** Visit the website below for more information.

<http://homesite.obeo.com/viewer/default.aspx?tourid=609126&refURL=&locale=en-US>

Treasurer's Mid- Year Report - by John Land

Currently the club has 143 members 17 of which have joined this year.

In light of the recent increase in the club's expenses resulting from the changes in insurance policy costs, I thought I would give you a brief mid-year summary of the club's financial status. The mid-year checking balance is lower than usual as it includes the annual payment for Astronomical League memberships that are made in June each year. It also includes the payment for the new insurance policy that occurred in July. We save up for these annual costs throughout the year so that the funds are available when needed. However this year the increase in insurance cost was an unbudgeted item.

A note about the club investment accounts. Many years ago our former club treasurer, Nick Pottorf, donated some investment stocks to the club with the idea that the stocks would be a reserve fund and the club could use the dividends as needed but keep the stock fund intact. The funds have preformed well but as with all stocks they have had their ups and downs the past few years.

If you would like to see details of the club's accounts for recent years you may look on the website in the newsletter section at the Feb 2010 and Feb 2009 issues.

Astronomy Club of Tulsa Liquid Assets

July 13, 2010 Banking	
Checking	\$ 1,597.98
Savings	\$ 3,478.96
Total	\$ 5,076.94

July 1, 2010 investments	
cash	\$ 933.76
Stocks	\$ 12,068.82 Reserve fund
Total	\$ 13,032.58

Total Club Assets	\$ 18,109.52
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Projected Expenses		
Annual Regular expenses		
\$ 710.00	AL membership	\$ 59 /mo/ 12 mo
\$ 2,221.00	Insurance	\$185 /mo/ 12 mo
\$ 800.00	Speakers & publicity	\$ 67 /mo/ 12 mo
\$ 96.00	PO Box rental	\$ 8 /mo/ 12 mo
\$ 41.25	Website	\$ 3.5 /mo/ 12 mo
\$ 1,080.00	Utilities	\$ 90 /mo/ 12 mo
\$ 600.00	Observatory Maintenance	\$ 50 /mo/ 12 mo
\$ 5,548.25	Total	\$ 463 per month for 12 months

Dear ACT members.

The club has incurred a substantial, unbudgeted increased cost of insurance needed to maintain club operations for the remainder of 2010. If you would like to make a small donation in addition to your renewal dues this would be greatly appreciated.

John Land - Treasurer

Links from the Club

Lately, I have had quite a few members send me some really cool websites, news articles, interesting photographs, et cetera. Here's a few of the more noteworthy things you may be interested in.

This was sent to me by John Land. You may not realize how important us amateurs can be to those that do it professionally. Here's a link that explains 6 ways NASA is asking for YOUR help!

<http://www.wired.com/wiredscience/2010/06/citizen-space-science-gallery/all/1>

Tony white sent us this. It's an amazing image of one of the busiest star factories in the known universe taken by the "gift that keeps on giving" our beloved Hubble.

<http://blogs.discovermagazine.com/badastronomy/2010/07/07/hubbles-sees-spectacular-star-birth-and-death/>

Some of you may be familiar with Jack Horkheimer's weekly Star Gazer review. Here's a Youtube link to his latest show discussing a triple planetary conjunction in early August.

http://www.youtube.com/watch?v=kpfAe_V0ZLY

One of the best light shows of the year happens in mid August, The Persied meteor shower. Here's a link with more information as well as some viewing tips. Anyone planning to be at the RMCC for this?

<http://earthsky.org/astronomy-essentials/earthskys-meteor-shower-guide>

Upcoming 2010 Events

Nebraska Star Party	Aug 8 to 13	http://www.nebraskastarparty.org/
Heart of America Star Party In west central Missouri	Sept 2 to 9	http://www.hoasp.org/
Okie-Tex Star Party	Oct 2 to 10	http://www.okie-tex.org/

If you know of an upcoming event not listed here that may be of interest to club members, Please email relevant information to act_pm@astrotulsa.com

Astronomy Club members Rick and Peg Walker and The Sidewalk Astronomers would like to let you know that their patriarch, John Dobson, will be turning 95 years old on September 14th. If you would like to send him well wishes and your personal experiences with the use of sidewalk astronomy, or his telescope designs, please feel free to send it to him at:

John Dobson

1946 Vendanta Place

Hollywood, California 90068

U.S.A.

If you would like a card to be delivered to Mr. Dobson personally, Rick and Peg are going out to his birthday party at the Griffith Park Observatory. They are leaving on the 14th and back on the 20th. They will be building a telescope from the ground up and have it ready by first light that night on Saturday Sept 18th. Sept 18th is also NASA's Observe the Moon Day.



Below is the synopsis of the Board meeting from Tamara, held on Saturday, July 24th. There were quite a few decisions made that affect every member of the Astronomy Club.

ASTRONOMY CLUB OF TULSA
SYNOPSIS OF THE MINUTES OF THE BOARD MEETING
SATURDAY, JULY 24, 2010

NOTE: This is a SYNOPSIS, and not the full, official minutes of the board meeting. Any member wishing a copy of the Official Minutes of the Board may request a copy from Club Secretary Tamara Green at astronomer.misstamara@yahoo.com.

****Please note that the secretary checks her email each evening only, so please be patient and she will get them to you in the most timely manner possible.***

A meeting of the Officers and Board was held at the home of Club Treasurer John Land. Present were: Tom McDonough, President; Ann Bruun, Vice President; Tamara Green, Secretary; John Land, Treasurer; Board members Steve Chapman, Denny Mishler, Teresa Kincannon, Chris Proctor; and Club member Philip Dunbar. Not present was Board member Richard Alford.

Tom called the meeting to order at around 10:00 AM. Tamara then read the minutes of the Board meeting from June 13, 2010. All present approved the minutes.

We then discussed the following Action Items:

Protocol for Deciding Issues on Yahoo! Board Group. Tom decided to withdraw this and allow the new administration of the Club to handle it, due to a very busy personal schedule.

Approval of 2011 Event Schedule. The main issue at hand that needed to be discussed was what exactly to call the two star parties the Club has each month. We have one that is open to the public, and one that is just for Club members. After much discussion, it was ultimately decided that the star parties that are open to the public will be called the ACT Monthly Star Parties, and the night for just the members would be called the Members Only Observing Night. The Monthly Star Parties will be published for the public to see when and where, and the Members Only ones will not.

-Synopsis of board meeting continued

Only the membership will be notified of these. Groups will need to schedule a special time with Teresa to come to the observatory on a night other than a scheduled star party.

It was generally agreed upon that we would keep the same schedule for each event as last year, such as Monthly (public) Star Party on 3rd Quarter moon nights, Sidewalk Astronomy on the Saturday following the membership meetings, or Full moon nights, Members Only on New moon nights. There will be a notice of changes to the schedule, i.e. the names of the events, drawn up and distributed to the membership shortly.

Chris will put out a call for volunteers to help at the Monthly star parties. He will need people to direct traffic, answer questions, take donations, etc.

Calendar Fundraising Project. Chris made a motion that we drop the calendar project for 2011, and Ann seconded the motion. The Board voted and the motion was carried. Tom then said that we will need to make an announcement to the membership about it, as the membership voted to approve the funding for it.

Status of Budget and Fundraising Committee. Chris made a motion to dissolve the existing Budget and Fundraising Committee. John seconded the motion. The Board voted and the motion was carried. Tom then made a motion that we form just a Fundraising Committee, and Teresa seconded the motion. The Board voted and the motion was carried. John then went over the budget report with the Board.

RMCC Facility Funding, Required Donation for Public Star Parties, and Dues Increase. The Board had a lengthy discussion about the current situation with the Club's expenses, including the new insurance and badly needed maintenance and repairs at the Observatory. One of the items discussed was charging a donation to guests to the observatory to help offset operating costs. John made a motion to charge the following: Adults \$5, children age 10 and over, \$2, and children under 10 free. Then someone suggested age 7 being the cut-off age for the children. Nobody seconded this motion, and it went south. After more discussion, Teresa made a motion that we charge \$2 per guest, regardless of age, for the Monthly Star Parties. Tom seconded the motion. The Board voted and the motion was carried. Members will NOT have to pay the admission, since we pay our dues.

We also discussed the need to possibly increase the membership dues. John said we need to raise the dues by \$15 per item. This will have to be put to a vote of the membership at our Annual Meeting in October. It will also have to be put in the newsletter well enough in advance so as not to be a shock to the membership.

Update on Pre Paid Legal Membership for the Club. Richard Alford is looking into the possibility of getting a Pre Paid Legal membership for the Club. Due to his absence at the meeting (Mr. Alford had to work), this item was tabled until the next Board meeting.

Observatory Events: Pot Luck Dinner and the Perseid Meteor Shower. The Board discussed the possibility of having a Pot Luck Dinner at a Members Only Observing Night. Chris made a suggestion of borrowing his boss' portable grill and the Club buying hamburger patties to grill, and members could bring sides, salads, desserts, drinks and such. We considered doing this in August, but due to the August members night being only one week away, we decided that September would be better, as we would have more time to organize it. That night is September 10, the Friday after Labor Day. We will need to get a list of who is coming and bringing what.

There was also a brief discussion of changing the date of the December membership meeting to Dec. 21. Teresa will try to get us the room we normally use at TCC, but if she can't, then our backup plan is to get a room at the Hardesty Library.

The discussion then turned to the upcoming Perseid Meteor Shower, which peaks around Aug 12/13. Chris said he would open up the observatory for us to view the shower. The night of Aug 12 will be for members only, since Aug 13 is the regularly scheduled Monthly (public) Star Party.

-Synopsis of board meeting continued

2011 Elections. Tom passed out copies of our election procedure. Several Officers and Board members have decided not to seek reelection in their respective Offices/Board positions, to wit: Tom will **not** be running again for President; Ann will **not** be running again for Vice President; Steve is **not** seeking reelection for Board; Denny is **not** seeking reelection for Board.

Those who ARE seeking reelection: Tamara **is** running again for Secretary; John **is** running again for Treasurer; Chris **will** seek reelection to the Board.

Board member Teresa is **undecided** at this time.

Tom also stated that as of Nov 1, he is stepping down as Webmaster.

Tom will post a message to the Yahoo! Group about the elections.

Club Dinner Meeting. Chris is going to look into a location for our Club Dinner Meeting for Nov. 19. He would like to see us go somewhere that is locally owned, rather than to a chain or franchise restaurant, stating that at a locally owned and operated eatery, we would get better food for the price.

Observatory Classroom. John stated his opinion about the west side of the observatory classroom looking tacky, with all the telescopes being covered with blankets. He would like to see the blankets removed. Tom said that we need to keep cloth coverings on them, as plastic ones would promote mold. John also mentioned seeing a bunch of empty gallon jugs. Chris said that this was trash that he missed because he had to clean up other people's trash in the building and he couldn't get to the jugs.

Tom adjourned the meeting at 12:51 PM.

Land's Tidbits *for July 2010*

– by John Land

Our membership rates for 2009 – 2010 will be as follows.

Adults - \$ 35 per year includes Astronomical League Membership

Sr. Adult - discount \$25 per year for those 65 or older includes Astronomical League Membership

Students - \$ 15 without League membership.

Students - \$ 20 with League membership.

The regular membership allows all members in the family to participate in club events but only ONE voting membership and one Astronomical League membership.

If an **additional member of the family** would like to join with voting rights the additional cost is \$15.

Additional League memberships within a family are \$ 5 each.

Magazine Subscriptions: If your magazines are coming up for renewal, try to **save the mailing label** or renewal form you get in the mail. Do NOT mail renewals back to the magazine!

To get the club discount you must go through the club group rate.

Astronomy is \$ 34 for 1 year or \$ 60 for 2 years. www.astronomy.com

Sky & Telescope is \$33 / yr www.skyandtelescope.com

Sky and Telescope also offers a 10% discount on their products.

Note: You may **renew** your **Sky & Telescope subscription** directly with out having to mail in the subscriptions to the club.

GARRETT OPTICAL
PERFORMANCE SPORT OPTICS
 **AstronomyBinoculars.com**



Garrett Optical® stocks over 50 astronomy binoculars from six different manufacturers, and we're based right here in south Tulsa.

Visit our websites
www.GarrettOptical.com
www.AstronomyBinoculars.com
for more information!

NEW SUBSCRIPTIONS must still be sent to the club treasurer. Forms are available on the website. **We now have an automated on line registration form on the website for new AND renewal memberships plus magazine subscriptions. You simply type in your information and hit send to submit the information.**
<http://www.astrotulsa.com/Club/join.asp>

You can then **print a copy of the form and mail it with your check.**
Astronomy Club of Tulsa - 25209 E 62nd St – Broken Arrow, OK 74014

Address Corrections- Email changes – Questions:

You may forward questions to the club by going to our club website and filling out an online form or just click on John Land and send an email. Please leave a clear subject line and message with your name, phone number, your question – along with email

OFFICERS

President: Tom McDonough 918-851-2653 Vice-President: Ann Bruun 918-231-0301
New Members :Owen Green 918-851-8171 Observing Chairman: Ann Bruun 918-231-0301
Membership questions: John Land 918-695-3195 Secretary Tamara Green 918.851.1213
Observatory Caretaker: Chris Proctor 918-810-6210
Contact Chris to volunteer to help with observatory projects

Observatory Cleanup Days

The Astronomy Club of Tulsa is made of about 150 members who share a common love of astronomy. Unfortunately, most of us live under light polluted skies. Our Observatory gives us a retreat to gather under darker skies, but we can only continue to enjoy its use if we **VOLUNTEER OUR TIME AND EFFORTS TO MAINTAIN THE BUILDING AND ITS GROUNDS.** Often, we need some SWEAT EQUITY to keep the observatory and grounds in good shape. If you are willing to volunteer to help with general maintenance or with mowing and trimming this summer let Chris know. Contact Chris Proctor to volunteer 918-810-6210 act_maint@astrotulsa.com

For all the scheduled club events for 2010 you may wish to purchase the first edition ACT calendar. Prices now reduced to \$ 4 each. This calendar includes club events, plus a wealth of other astronomical data. Details are on the website at www.AstroTulsa.com

CLUB OFFICERS

POSITION	NAME	PHONE
President	Tom McDonough	918-851-2653
Vice-President	Ann Bruun	918-834-0757
Treasurer	John Land	918-357-1759
Secretary	Tamara Green	918-851-1213

BOARD MEMBERS AT LARGE

NAME	PHONE
Steve Chapman	918-342-1643
Richard Alford	918-855-9986
Teresa Kincannon	918-637-1477
Denny Mishler	918-274-4772
Chris Proctor	918-810-6210

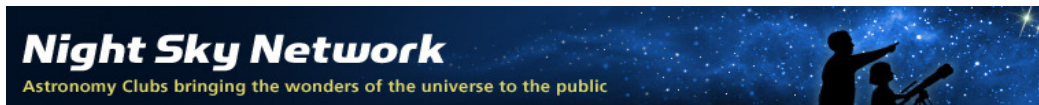
APPOINTED STAFF

POSITION	NAME	PHONE
RMCC Facility Manager	Chris Proctor	918-810-6210
Membership Chair	John Land	918-357-1759
Observing Chair	Ann Bruun	918-834-0757
New Members	Owen Green	918-851-1213
Group Director	Teresa Kincannon	918-637-1477
Webmaster	Tom McDonough	918-851-2653
Newsletter Editor	Allen Martin	918-407-9706
Night Sky Network	Peggy Walker	918-640-0832
Program Director	Vacant	

MEMBERSHIP INFORMATION

Astronomy Club of Tulsa membership (\$35/year) includes membership in the Astronomical League and subscription to ACT's "Observer" and AL's "Reflector". "Astronomy" (\$34/year) and "Sky and Telescope" (\$33/year) are also available through the club. For more information contact John Land at 918-357-1759. Permission is hereby granted to reprint from this publication provided credit is given to the original author and the Astronomy Club of Tulsa "Observer" is identified as the source.

The Astronomy Club of Tulsa is a proud member of the Astronomical League and the Night Sky Network



<http://www.astroleague.org>

<http://nightsky.jpl.nasa.gov>

ACT welcomes your questions, suggestions, comments and submissions for publication. Please send all inquiries to act_pm@astrotulsa.com