



Los Alamos Master Gardeners

Meeting Minutes

Date: November 1, 2018
Time: 7:00 p.m.
Location: Nambe Room, Fuller Lodge; Los Alamos, NM
Meeting Facilitator: Carolyn Mangeng, President

REPORTS

Minutes

There were no minutes for approval.

Treasurer

Carolyn reported on Laurie Walker's behalf that there is a balance of \$3,467.40.

Extension Agent, Carlos Valdez

Master Gardener Class

The schedule for the 2019 class is set and people have started to sign up. There's still plenty of room, so spread the word!

Extension Office Relocation

The County has made the decision to move the Extension Offices to the Red Cross Building* (note that a final vote is still pending). There was lengthy discussion about the constraints of this decision. Ultimately, it was decided that Carolyn would compose a letter to the County Council and County Manager presenting our concerns and that the letter would be emailed to the members so each could add his/her own thoughts and submit individually.

Doris Thielemann moved that the LAMG President compose a letter to the County Council and County Manager regarding the Extension Office move to the Red Cross Building, and the letter be made available to the members for individual submission, as desired. Michelle Berkebile seconded the motion. All were in favor.

Watch for an email from Carolyn with the letter and additional direction.

Additionally, Michelle Berkebile will coordinate with Christine Hipp regarding social media communication of this topic.

* See *Attachment 1* for additional information about this Historic Site.

Demo Garden

- The water has been turned off.
- There has been some pruning of trees and there is now brush that needs removal. Carlos will contact the County Parks Division to coordinate removal.
- We've had a killing frost and the temperatures have stayed cool. Even so, there are still some flowers blooming (especially in the gardens of members who live in White Rock).

LAMG Standing Rules, Carolyn Mangeng

The LAMG Standing Rules were emailed to members on October 29, 2018 for a final review prior to a vote to adopt at the November 1 meeting.



Los Alamos Master Gardeners

Meeting Minutes

Doris Thielemann moved to adopt the LAMG Standing Rules. Pallas Papin seconded the motion.

Discussion resulted in the following word addition:

Article VI – Meetings, Part D: addition of the word ‘voting’ as follows:

“A quorum shall be those voting members present at a scheduled meeting.”

With the change, all were in favor and the motion was approved. See *Attachment 2* for the approved Standing Rules.

Carolyn thanked the committee for their dedicated effort and everyone’s input toward this accomplishment.

Web Page Design/Maintenance

The approved LAMG Standing Rules will be published to the Member’s Page of the LAMG website.

Programs

Carolyn reiterated her interest in having Demo Garden Leads give programs. This can be done singly or in groups. Please contact Carolyn if you’re interested in giving a program regarding your area at the Demo Garden.

PROGRAM

Everyone enjoyed a program by Dr. Steve Guldán, Director of the NMSU Sustainable Agriculture Science Center at Alcalde, NM. He discussed the research activities at the Center – past and present. They include areas such as: Acequia Culture, Fruit Production, Herbs, High Tunnel & Hoop Houses, etc. He shared with us that one of his favorite research projects has been, and continues to be, the study of the acequia culture. The Center’s website provides extensive information. *Attachment 3* includes an excerpt and url links. An interesting note: Steve said they use Fe-EDDHA (an iron chelate that is stable at Ph levels as high as 11.0) in a foliar application to treat chlorosis on their strawberries.

The meeting concluded at 8:40 p.m.

Attending: See *Attachment 4*.

NEXT MEETING:

The December 2018 Holiday Potluck will be hosted by Denise George. Watch for emails with details.

Thursday, February 7, 2019

Location: TBD

Program: TBD

Respectfully Submitted,
Kimberli Tanner, Secretary



Los Alamos Master Gardeners

Meeting Minutes

Our MISSION

- ❖ To promote knowledgeable, effective, and safe horticultural and gardening practices in furtherance of New Mexico State University's Cooperative Extension Service; and
- ❖ To promote goodwill in our community by participating in horticultural and educational service projects.

LAMG Officers

<i>President</i>	*Carolyn Mangeng
<i>Vice President</i>	Vacant
<i>Treasurer</i>	Laurie Walker
<i>Secretary</i>	Kimberli Tanner
<i>Programs</i>	*Carolyn Mangeng
<i>Publicity</i>	Doris Thielemann
<i>Web Page</i>	Cathe Ragsdale
<i>Social Media</i>	Christine Hipp

* Temporarily filled. Seeking permanent volunteers.

LA County Extension Agent Carlos Valdez

Demo Garden Leads

Overall	Denise George
Hope Garden	
Blue/White Garden	Denise George
Dwarf Conifers Garden	Denise George
	Carolyn Mangeng
Butterfly Garden	Shari Foley
Penstemon Garden	Christine Hipp
	Michelle Berkebile
Groundcovers Garden	Pallis Papin
Roses	Dena Brent
Arbor Entrance Gardens	
East	Judy Magelssen
	Melissa Theesfeld
West	Laurie Walker
Shade Garden	Laurie Walker
Industrial Strength Garden	Denise George
Perennial Mound Garden	Nancy Nunnelley
	Bev Cooper
Gramma Grass Circle Garden	Carlos Valdez
Cactus Garden	Pam Burke
Oasis Garden	John Huang
	Kimberli Tanner
Ornamental Grass Garden	Linnea Poretti
Crabapple Lane	Melissa Theesfeld
	Judy Magelssen
Artemesia Garden	Marjorie Selden
Upright Rock Garden	Marjorie Selden
Martha's Orchard	Committee: Carlos Valdez
	Denise George
	Lena Lopatina
	Kimberli Tanner
Pergola Gardens	Doris Thielemann
Sensory Gardens	
Sight	Kok-Heong McNaughton
Touch	Vacant
Taste	Denise George
Fragrance	Kimberli Tanner
Casita Gardens	
Lavendar Garden	Kimberli Tanner
East and South Lawn Borders	Kelly Shea
Herb Gardens	Kimberli Tanner
Raspberry/Vegetable Gardens	Quinn Abfalterer

The following information is excerpted from the Los Alamos Historic Walking Tour brochure:

Located along Bathtub Row, listed as #9 “Power House” and “Ranch School Power House”.

Descriptions include:

- 1) The building housing the diesel generators for the Los Alamos Ranch School was built in the early 1930s. In 1944, George Kistiakowsky, an explosive expert, and his new bride moved into it. As a joke, his friends carved a half-moon in the door of the attached shed the Army built. It is now used as administrative office space for the National Park Service.
- 2) The power generator building for the Los Alamos Ranch School was built in the early 1930s. ... same as 1 ... [On and off, the building has served as the Red Cross Chapter House.](#)

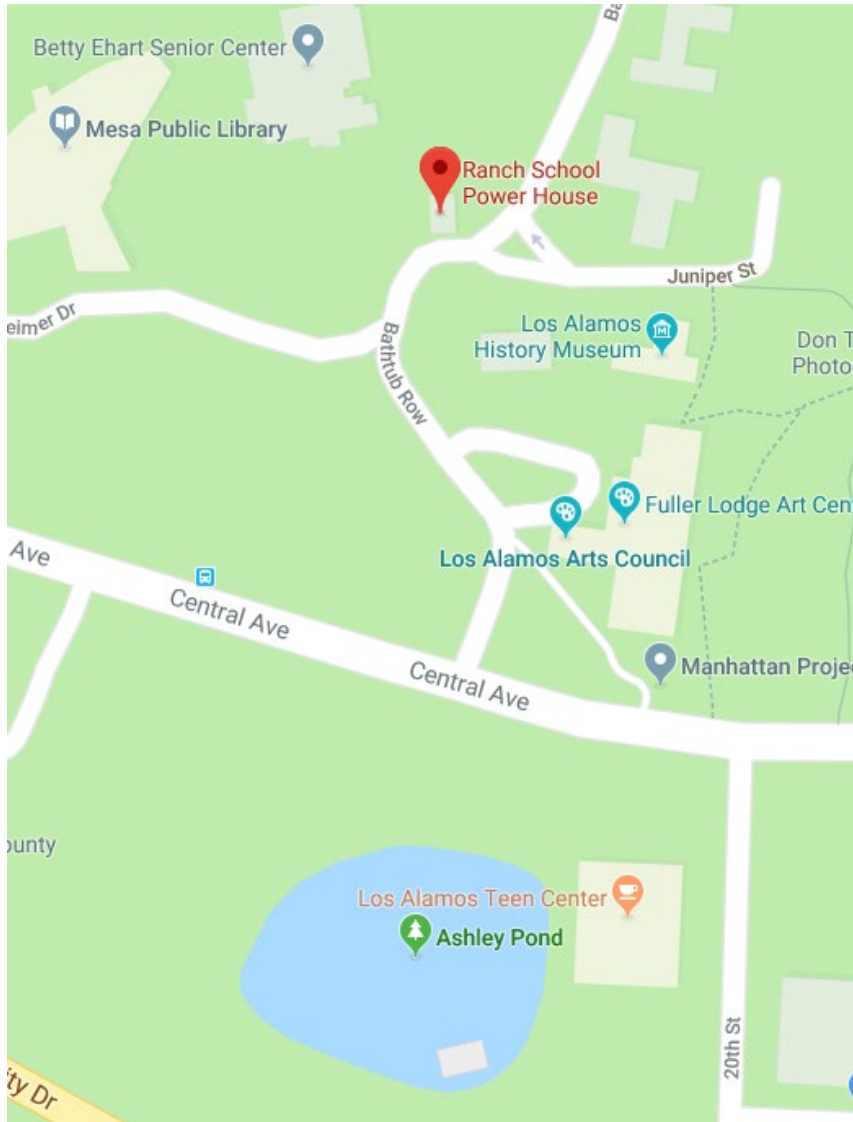
The url for the brochure is: <http://www.visitlosalamos.org/historic-walking-tour/> .

Image of the Ranch School Power House:



Ranch School Power House (proposed location for the Extension Office).

1251 Juniper Street



LOS ALAMOS MASTER GARDENERS' ASSOCIATION STANDING RULES

Last revised [enter month, day], 2018

These rules for operational procedure are adopted (or changed, as needed) by a simple majority of the membership at any scheduled meeting. Notification of proposed changes must be provided at least seven (7) days before the meeting. Any motion to change these rules cannot be introduced and voted on at the same meeting.

ARTICLE I -- Name

The name of this organization shall be Los Alamos Master Gardeners' Association (LAMG).

ARTICLE II -- Mission

The mission of this Association shall be:

- A. To promote knowledgeable, effective and safe horticultural and gardening practices in furtherance of Land Grant Universities' Cooperative Extension Programs; and
- B. To promote goodwill in our community by participating in horticultural and educational service projects.

ARTICLE III – Representation on State Extension Master Gardener (EMG) Advisory Board

In accordance with Article V of the New Mexico State University (NMSU) EMG By-Laws, LAMG shall designate a representative to participate in State Advisory Board meetings and other mandatory activities.

ARTICLE IV – Membership

- A. Any person who has successfully completed the Master Gardener Training Classes offered by the Cooperative Extension Service of New Mexico or any other state may become a member.
- B. Requirements for membership in good standing:
 - 1. Annual payment of current dues, unless waived for financial hardship by Executive Board; completion of volunteer service and continuing education hours annually as prescribed by the County Extension Agent; and a record of volunteer service and continuing education records must be maintained and reported to the Extension Office.

2. The Executive Board, with the Extension Agent's approval, may exempt an active member from the service or educational obligation upon a finding by the Board of special circumstances constituting undue hardship (see E below).
3. Any member may request that a project consistent with the principles and values of the Master Gardener Program be approved by the Extension Agent for volunteer credit.
4. A member determined to be deficient in service hours or continuing education credits at the close of a program year must make up the deficiency during the next program year in addition to meeting minimum requirements for that program year.
5. Members may use of their title "Master Gardener" only in connection with activities on behalf of this Association or the New Mexico Extension Master Gardener Program.

C. Members in good standing shall have the right to vote at any meeting.

D. No member in good standing shall be excluded from participation in any of the activities of this Association.

E. Membership Categories

1. Active: Member who has met the membership requirements as provided in Section B of Article IV. A member who is unable to complete the Active member requirements may petition the Association in writing before the end of the current calendar year, citing the special circumstances (e.g., personal health, employment, etc.) which kept them from meeting the requirements. If approved, membership will remain Active for the year in which the request was made and the member retains voting privileges.
2. Associate: Member who is incomplete in meeting the Active membership requirements and has not submitted a request for extenuating circumstances. Associate membership status is valid for one (1) subsequent year. During this time period, Associate members do not retain voting privileges. Failure to meet the Active member requirements during that time period may result in Inactivation of membership status.
3. Lifetime: Member who has retained Active member status for fifteen (15) years. Additional considerations include service in a leadership position or consistent service to the Association and accumulation of a minimum 100 volunteer hours during at least one (1) year of Active membership. Lifetime members are evaluated by the Association Officers and granted by the Association President and County Extension Agent. Members granted Lifetime member status shall remain on the current membership roster and have all the rights and privileges of an Active member. Lifetime members are exempt from meeting the Active member requirements.
4. Inactive: Members who have failed to meet the Active or Associate member requirements will be made Inactive. Reinstatement of membership may be requested via a written petition to the President. The Association may reinstate the petitioning member

at its discretion.

F. The Treasurer shall distill a roster of Active members based on the record of dues paid and the list provided by the County Extension Agent of members who have met their volunteer and continuing education requirements.

G. The membership roster shall be published annually. The roster shall be distributed to members and/or posted on the LAMG website.

ARTICLE V – Continuing Education Program

Continuing educational programs for LAMG will be planned and conducted with the co-operation of the Extension Agent to enhance knowledge and skills consistent with the New Mexico Extension Master Gardener Program. Programs offered at LAMG meetings as well as seminars and workshops sponsored by the Extension Office will count toward continuing education requirements.

ARTICLE VI – Meetings

A. Regular meetings will be held on the first Thursday of the month as needed to conduct the affairs of the Association.

B. In the event of a temporary change in the regular meeting, it is the responsibility of the President to ensure that members receive notice at least ten (10) days prior to the rescheduled meeting.

C. Additional meetings may be called by the Executive Board, provided members receive 10 days prior notice.

D. A quorum shall be those voting members present at a scheduled meeting.

E. LAMG meetings, seminars and workshops shall be open to the public.

ARTICLE VII – Officers

A. The primary offices of this Association shall be President, Vice President, Secretary, and Treasurer. The officers shall be responsible for those duties described in the parliamentary authority (see Article XI) and for the following:

1. The President shall provide leadership in pursuing the mission of the Association and assure that Association By-Laws and Standing Rules are followed.
2. The Vice President shall serve as Program Chair.

3. The Secretary shall record and distribute the minutes of Association General Meetings and maintain a record of Association correspondence and primary documents.
 4. The Treasurer shall manage the finances of the Association and maintain the membership roster.
- B. Officers and committee chairs will be considered for renewal on a biennial basis (i.e. every 2 years).
- C. Vacancies created by resignation or other event may be filled by a majority vote at any regular meeting.
- D. All officers will serve without compensation.

ARTICLE VIII – Executive Board

- A. The Executive Board shall consist of the officers of the Association.
- B. The Executive Board will interface with external entities as follows:
1. Work in tandem with the County Extension Agent;
 2. Provide representation on the State Advisory Board;
 3. Assist and sustain local initiatives unique to the Association; and
 4. Promote understanding and close working relationships between State Chapter members, the County Extension Agent/Staff, the State Program Coordinator, and NMSU Specialists/Staff.
- C. The Board shall supervise the affairs of the Association between regular meetings and shall have authority to conduct business on behalf of the Association.
1. The Board shall report any actions to the membership at the next meeting.
 2. No Board actions shall conflict with action taken by the Association.
- D. The Executive Board shall set the time and location of its meetings.
- E. The Los Alamos County Extension Agent shall be an ex-officio member of the Executive Board and shall act solely in an advisory capacity.

ARTICLE IX -- Committees

- A. Standing committees may include the following: Programs, Publicity, Webpage/Social Media Design/Maintenance, Membership, Scholarship and Awards, Demonstration Garden, and Annual Association Public Event.
- B. Additional committees may be formed by the Executive Board.
- C. Chairs shall be confirmed or appointed by the President.
- D. Except where the membership approves power to act, these committees provide recommendations to the membership.

ARTICLE X – Financial Operations

- A. All financial management procedures shall be in accordance with the rules and regulations of NMSU.
- B. The Treasurer shall present the budget for approval by the membership at the first meeting of each calendar year.
 - 1. The Executive Board will determine limits on allocations to designated Demonstration Garden Areas based on maintenance requirements and development needs.
 - 2. All non-budgeted requests must be submitted to the membership for approval and should be in keeping with the scope of the EMG Program policies and values.
 - 3. The annual budget may be adjusted by membership approval as circumstances dictate.
 - 4. Current financial holdings will be reported at each regular meeting.
- C. In the event of an emergency declared by the Executive Board and the Extension Agent, expenditures may be approved up to the unbudgeted reserve amount.
- D. Dues are paid for each calendar year in an amount consistent with NMSE EMG Bylaws.
- E. Signatories on any LAMG bank accounts will be limited to the Treasurer, President, and Los Alamos County Extension Agent.

ARTICLE XI - Parliamentary Authority

The rules contained in the current edition of Robert's Rules of Order shall govern this Association in all cases where they apply and are not in conflict with these Standing Rules.

Sustainable Agriculture Science Center at Alcalde

<https://alcaldesc.nmsu.edu/>

<https://alcaldesc.nmsu.edu/projects--results.html>

Ongoing Projects & Results



SASC Orchard and Nearby Mountains (Photo Taken by Alec Richards)

The Sustainable Agriculture Science Center at Alcalde has several projects under way. Below we have information and links to the most recently completed or nearly completed projects and their results.

- [Sustainable Agriculture Science Center at Alcalde - Acequia Culture](#)
- [Sustainable Agriculture Science Center at Alcalde - Forages](#)
- [Sustainable Agriculture Science Center at Alcalde - Fruit Production](#)
- [Sustainable Agriculture Science Center at Alcalde - Herbs](#)
- [Sustainable Agriculture Science Center at Alcalde - High Tunnels / Hoop Houses](#)
- [Sustainable Agriculture Science Center at Alcalde - Organic Production](#)
- [Sustainable Agriculture Science Center at Alcalde - Row Crops](#)
- [Sustainable Agriculture Science Center at Alcalde - Sustainable Agricultural Techniques](#)

Current Research

- Evaluation of Jujube (Chinese date) fruit for adaptation in New Mexico. Jujube fruit is nutritious. It can be relied on to produce a crop every year, because it flowers late and therefore avoids late-frost crop losses common with apples, peaches, cherries, and other traditional tree fruit.
- Evaluation of strawberry cultivars under two management systems. Strawberries can provide large gross returns per acre, but available cultivars vary greatly in their ability to grow in the high-pH soils typical of New Mexico.
- Low-cost high tunnels (hoop houses) for production of winter greens, blackberries, and apricots.
- Collaboration on further acequia system research at Alcalde, Rio Hondo, and El Rito from hydrological, ecosystem, socioeconomic, and cultural perspectives. Research projects investigate connections between the irrigated valleys and their associated uplands. In addition, these projects seek to understand and enhance the sustainability and resilience of these systems in the face of urbanization and severe drought.

Past Activities & Impacts

- First organically certified research acres at NMSU established at SASC in order to assist fruit, medicinal herb, and specialty crop growers interested in producing and marketing organically. Studies under certified organic management were carried out on organic codling moth control in apples, peach cultivar evaluation, sweet and tart cherry cultivar evaluation, plum cultivar evaluation, wine grape soil management, table grape cultivar evaluation, bramble cultivar evaluation, and native medicinal herb production.
- Relay-intercropping annual forages into sweetcorn and chile has shown that high levels of total seasonal crop production can be attained under local climatic conditions.
- Research indicated that, besides providing for agricultural production, local acequia irrigation systems provide critical hydrologic functions. Water seeping out of the acequia ditch and percolating below irrigated fields is stored in the aquifer for several months and then released to the river as groundwater return flow. These systems take spring and summer runoff from the river and retransmit this flow to the river later in the year.
- Research on medicinal herbs as alternative high-value crops. Depending on market prices, returns per acre can be substantial.
- Research conducted with under-tree sprinkler systems in tree fruit to protect against late spring frosts.
- Research on kura clover, birdsfoot trefoil, and brassicas evaluated to the extent that these alternative forages can provide options to forage and livestock producers.

LAMG General Meeting 11/1/2018

Kimberly Tanner
Cohen Meyer
CARLOS VALDEZ
Shari Foley
Peggy Reneau
John Huang
Doris Thielmann
Pallas Papin
Marjorie Selden
Dena Brent
Michelle Berkebile
Carolyn Mangeng

Kimberly Tanner
Cohen Meyer
CARLOS VALDEZ
Shari Foley
Peggy Reneau
John Huang
Doris Thielmann
Pallas Papin
Marjorie Selden
Dena Brent
Michelle Berkebile
Carolyn Mangeng