



CHECKING IN TO SEE HOW YOU ARE DOING

by Jill Jennings

May's speaker will be each one of us! As the year ends for AAUW and many of our members head back north for the summer, we have decided to devote our last time together to visiting with each other.

In a year (or more in some cases) in lockdown, we have all had to adjust, find new ways to do just about everything. Whether it was going to church via Zoom, learning how to use the computer to order items, or getting your groceries delivered to your door by a stranger, the techniques we used to manage our day- to-day activities will never be forgotten. How many will YOU keep?

I am finding that these challenges have also changed me as a person, in ways I would never have imagined. How have YOU changed? Have your priorities shifted? And how do you feel living with a *normal* that is forever changed? Are you joyful or a little depressed? Or maybe just confused?

Bring your lunch and something to drink. Think about what you want to share with us. Now that things appear to be getting better, we want to know how you are doing.



AAUW Fort Myers/Lee County
<https://fmlc-fl.aauw.net>

Our local e-mail address:
aauwleecounty@gmail.com

Our National Organization
<https://www.aauw.org>





OUR SCHOLARSHIPS IN THE TIME OF COVID

**Scholarship Committee: Cheryl Tromley,
Devera Graf, Marcia Howard**

This has been a very exciting month for the Scholarship Committee. Thanks to your continuing generosity, we were able to award two more scholarships. We also received a lovely thank you note from the “First Time” STEM award winner we announced last month. More on that below.

First, I want to thank our generous members for the donations that make our scholarships possible during this difficult time. This month we received an additional \$807 from Janet George—in memory of her sister Carol-Ann Houghton Hall, Professor of Economics, University of Maine, Colleen Wheeler, Mary Lou Chamberlain, Marilyn Workman, and Ellen Schneider. This brings our total scholarship donations to \$5,050 with an additional \$657 in unrestricted funds. To all those who have contributed, THANK YOU for helping us help girls and women achieve their potential!!

This month we awarded the \$500 *Marie Glasgow and AAUW STEM Award* to Kurukulasuriya Fernando, a 7th grader at Paul Laurence Dunbar Middle School for her environmentally themed invention “The Eco-Filter” for which she was a winner at the Thomas Edison Festival of Light Regional Inventors Fair. This award was established to honor of Marie Glasgow, president of AAUW Fort Myers/Lee Co Branch for three years. The awards goal is to improve STEM educational opportunities for Middle School girl(s). Kurukulasuriya’s teacher arranged a surprise award presentation via Zoom

during one of her classes. Ron Glasgow, Devera Graf, and Cheryl Tromley were able to attend. What a lovely and talented young woman she is!

We also awarded the *AAUW Lee County High School Scholarship* to Ashly Altuzar, a senior at Bonita Springs High School. This award was established in memory of Jane Wagner, a two-term branch president. It awards \$1,000 to a graduating female student with financial need and few other scholarships. The recipient is chosen by the school counselor and the award is paid to the college of the recipient’s choice.

Last month we reported that the winner of the “First Time” STEM scholarship was Kiki Jiang, a sophomore at Bonita Springs High School, for her Thomas Alva Edison & Kiwanis Regional Science and Engineering Fair project. We received a lovely thank-you note from Kiki in which she



described how she came up with her research idea. Her hobbies are drawing and painting. She brought one of her paintings home from school and sat it on her windowsill. Later, she found that the painting had

faded. This inspired her to investigate “The Effect of Different Types of Lighting on Acrylic Paint.” She is very proud to have received an Honorable Mention in Chemistry, the Yale Science and Engineering Award, and the AAUW scholarship.

(See her project at the end of this article.)

If you have not had the opportunity to donate, it is not too late. As you all know, because of Covid, this is our only fund-raising mechanism, so we REALLY need your contributions, so we can support more girls and women.

Our Scholarships:

AAUW Star Bright Scholarship: This scholarship was established in 2005, by Book Club 3, to provide branch members with the opportunity to make donations honoring friends and commemorating special events. As funds accrue, a \$1,000 scholarship is awarded to a female student attending the second semester at Fort Myers or Cape Coral Technical College.

AAUW Lee County High School

Scholarship: Established in 2011 in memory of Jane Wagner, a two-term branch president. It awards one \$1,000 scholarship per year to a graduating female student with financial need and few other scholarships chosen by the school counselor. The award is paid to the college of the recipient's choice.

AAUW STEM Award: Established in 2001 to encourage middle and high school girls in STEM fields. It awards one \$500 prize to a top female entrant in the Thomas Alva Edison & Kiwanis Regional Science and Engineering Fair. A "First Time" award of \$100 is also given to a female entrant for an outstanding first entry. All Lee County female high school entrants in the Edison Regional Science Fair are eligible.

Marie Glasgow and AAUW STEM Award Fund:

Established in 2019 in honor of Marie Glasgow, president of AAUW Fort Myers/Lee Co Branch for three years. It is awarded each year with the goal of improving educational opportunities by rewarding young Middle School girl(s) who are winners at the Junior Division of Edison-Kiwanis Science Fair or Thomas Edison Festival of Light Regional Inventors Fair.

Girls in Engineering, Math and

Science (GEMS): This hands-on program is dedicated to science education for regional middle school girls by enthusiastic professionals and undergraduates as facilitators and role models in a girls-only environment.

AAUW FGCU Endowed Scholarship: Established in 2000, with member and matching funds from the state, it awards one scholarship to a female student who resides in the five-county (Lee, Collier, Charlotte, Glades, Hendry) area with financial need pursuing an undergraduate degree at FGCU. Priority is given to the current awardee.

AAUW Sue Gottcent Memorial Endowed

Scholarship: Established in 2006 with a bequest

from the estate of member Sue Gottcent who was an avid supporter of AAUW's mission. It awards one \$2,000 scholarship to a Lee County female student age 25 or older with demonstrated financial need who attends an institute of higher education that is part of the Florida State University system. Priority is given to the current awardee.

AAUW FSW State College Endowed Scholarship:

Established in 2000, with member and matching funds from the state, it awards one \$1,000 scholarship to a female Lee County student with financial need attending the Fort Myers Campus of FSW. Priority is given to the current awardee.

What can you do to help?

Did you know that our branch receives only \$9 of your annual dues? This means that we need all our members' help to continue to offer our scholarships. Please consider donating to our scholarship fund.

You can donate in either of two ways:

1. Download the Branch Donation Form from the website (<https://fmlc-fl.aauw.net/donate/>) print and return with your tax deductible gift.
2. Or you can use the form that appears in this edition of the Torch.

Whichever method you use, please make checks payable to AAUW Fort Myers / Lee County, Inc., and mail to:

AAUW – Attn: Treasurer
PO Box 2115
Fort Myers, FL 33901-2115

Thank you very much for whatever you can do to help.

The Effect of Different Types of Lighting on Acrylic Paint

Purpose / Problem Statement

The purpose of this experiment is to determine whether the stereotypical type of lighting is accurate for the benefit of paintings and museums and how different types of lighting affects acrylic paint. LED lights are used in museums normally because they prevent Ultraviolet rays and Infrared lights which are harmful to paintings. This experiment is to prove the theory that LED lights are the best way to illuminate light to paintings safely without as much damage to the artwork.

Hypothesis

If Acrylic paint was exposed to different types of lighting, then UV lights will cause the most damage because UV radiation is very harmful to painting and can cause the paint to become discolored, faded, and cracking.

Materials, Methods & Procedures

Materials

Sunlight
LED light
Direct UV light
3 rooms
4 canvas
Bottle of acrylic blue paint
A paint brush
6 Batteries for the UV Light
Pencil
Computer
Notebook
Camera/Phone
Table
Timer

Steps/Procedures

1. Apply sunscreen on the experimenter.
2. Wear covered clothing.
3. Clear room for "Canvas 1" outside in the sun.
4. Make sure "Room 1" has no light.
5. Setup LED light in "Room 2".
6. Put three batteries into the UV Light.
7. Setup UV light in "Room 3".
8. Gather paint, paintbrush, canvas, camera/phone, notebook, and pencil on the table.
9. Open the bottle of blue paint.
10. Grab the paint brush and apply the blue paint to the brush.
11. Apply one layer of blue paint on each canvas.
12. Let it dry for 15 minutes.
13. Repeat steps 5-7 once.
14. Take pictures of each canvas with paint applied.
15. Place "Canvas 1" outside in the sun.
16. Place "Canvas 4" in "Room 1", with no light.
17. Place "Canvas 2" in "Room 2", with LED lights.
18. Place "Canvas 3" in "Room 3", with UV lights.
19. Record date and time when the canvas was set in each area.
20. Close the bottle of blue paint and store it away.
21. Clean brush and store it away.
22. Observe and take pictures of each canvas after each weekly check up in the span of a month.
23. Take notes and make descriptions of each canvas while comparing the before and after photos.
24. After 4 weeks/month, dispose of each canvas in the trash bin.
25. Turn off UV light and store it away.
26. Turn off LED light and store it away.

Methods: The paintings are painted and set in their corresponding room. The paintings were put in the rooms at 5:30 PM on December 10th. I then took "before experimentation" photos. I took 4 weekly check ups and took pictures each time in a span of 1 month.

Independent Variable: The different types of lighting.
Dependent Variable: The damage caused by the lighting.
Constant: Canvas with no light.

Conclusion & Discussion

In conclusion, my hypothesis was supported because the UV lights cause the most harm to the painting. The UV light shows large amounts of damage such as fading and discoloration in weeks 2 and 3. Some areas were lighter than others and there were visible lines in the paint, shown in pictures/data. UV light is proven to be very harmful to paint, a large reason why museums try to avoid it. The second most damaged painting was the one set under sunlight. Sunlight contains UV rays so it causes fading, dullness, and a scratchy texture. LED lights are used in museums because they do not illuminate UV rays. The pictures shown show that canvas 2, the LED lights, did show a bit of change in week 2, but it did not damage the painting as much as the UV light and sunlight did. Canvas 4, with no light, represented as a constant. Canvas 4 showed that without any light, there would be no fatal damage toward the texture of the paint. The canvases paint did not fade and stayed intact like the original picture a month ago. I think the experimentation went well, but I wish there was a better way to compare the paintings faults, in order to point out how the different types affected the paintings. The pictures could have also been taken better as well.

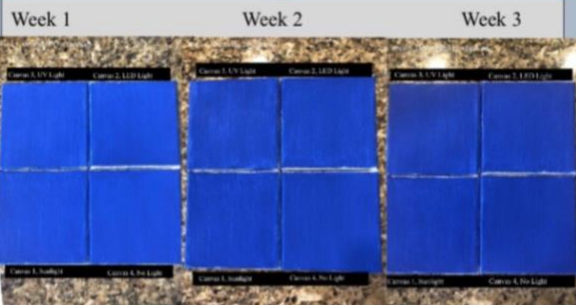
Background / Literature Review

Exposure to light can result in cumulative and permanent damage to light-sensitive objects. This is because light is radiant energy which causes irreversible change, either through radiant heating or photochemical action. Radiant heat can cause a reaction on the surface of an object as well, such as cracking, lifting, and discoloration. Photochemical action is a chemical change at the molecular level and is a more profound result of light exposure. The most potent sources of these destructive energies come from just beyond limits of visible light, such as ultraviolet(UV) and infrared(IR) light. The longer wavelength, infrared light, is a common source of radiant destruction while ultraviolet rays, with it's shorter wavelength, can be a significant basis for photochemical destruction. Museums start to use LED lights to protect and lessen the effects of UV and IR light. LED lights do not harm the painting but the light detracts from the ambience the museum wants so special metals must be used to absorb the original light and produce something different. Direct and Reflected sunlight also cause damage to paintings. This is because sunlight contains invisible ultraviolet rays that can damage art and paintings. The best way to preserve art is to keep it in a cool and dark place.

Abstract

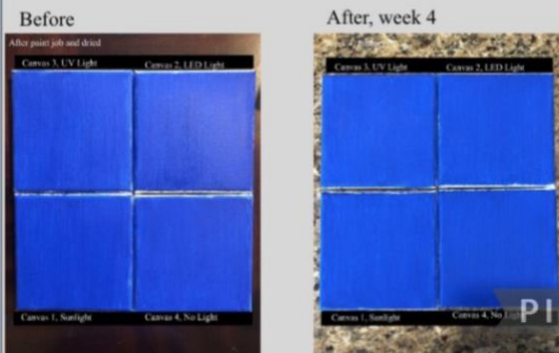
It's normal and suggested to use LED Lights to illuminate paintings in museums and homes. The purpose of this experiment is to represent how different types of lighting affects paint/paintings. It would show the types of lights that would harm the paintings the most and the least. The experiment was performed by setting each painted canvas to a different area specified and setup with a light. Canvas 1 was put outside in the sun, Canvas 2 was placed under a LED light in "room 2", Canvas 3 was placed under a UV light in "room 3", and Canvas 4 was set in "room 1" with no light as the control group. Each canvas stayed in the rooms for a month, each week taking a picture for analysis. My hypothesis was that canvas 3, which was set under a UV light, would impose the most damage, being that UV rays are very harmful to paintings. My hypothesis was supported after close observation to the canvases. Canvas 3 had a more scratchy texture and fading lines in the paint. It's also shown that without light, you will see less damage to paintings and that LED lights will still show harm to paintings.

Data



Interpretation of Data / Results

Canvas 1, 2, and 3 were starting to show very noticeable changes in the painting's texture and fading in lines in weeks 2 and 3 (room in if needed). Canvas 4, with no light, remained having a smooth texture and very little fading in contrast to the other canvases. Based on only my observations and the data, I could tell the most damage was caused by the UV light and sunlight. Canvas 2, which was under a LED light, had a few faults, but not as much as canvas 1 and 3. I would say canvas 3 had more damage than canvas 1 because the centered point of the canvas, where the UV light was focused on, has faded and became a lighter spot than how the original canvas was seen as. The interpretation of the data would be that light does have an affect on paint and causes damage to it.





2021-22 Torch Production Schedule

Please make a note on your calendars for next season's in-person meetings.

(No meeting is scheduled for September 2021 due to health precautions.)

SEND ARTICLES TO peggycihi@comcast.net

Meeting Date	Deadline for Articles	Mail Torch Date
October 16, 2021	September 27, 2021	October 6, 2021
November 20, 2021	October 30, 2021	November 10, 2021
December 18, 2021	November 27, 2021	December 8, 2021
January 15, 2022	December 27, 2021	January 5, 2022
February 19, 2022 Fashion Show	January 31, 2022	February 9, 2022
March 19, 2022	February 28, 2022	March 9, 2022
April 16, 2022	March 25, 2022	April 6, 2022
May 21, 2022	April 30, 2022	May 11, 2022
September 17, 2022	September 26, 2022	September 7, 2022

President's Message

Greetings Members, Our Annual Branch Meeting will be held on Saturday, May 15, 2021. The board meeting will begin at 11 AM and the general meeting at 12:30 PM. This will be our last virtual meeting until we resume in September. It is hard to believe that we have been meeting via Zoom for the last ten months. A big exhale! I want to thank all of you for your continued support of AAUW. You really are "Tenacious Trailblazers"--AAUW.org. I thank you for your service as well as your financial contributions. You are making a difference in the lives of girls and women in our community.

The agenda for the annual meeting will include the induction of our newly elected officers for 2021-2022. Janet George and Bonnie Ryan as Co-President Elect, Jill Jennings as Vice President of Programs, and Pat Crowe as Secretary. All other elected and appointed officers will begin their second term and continue to serve on the board. Kathleen Haibach will serve as our next President and Jemetta Hunt will serve as Past President. We thank Tina Hoegler for her three years of service and leadership.

Your 2020-2021 board members and standing committees have done an outstanding job under uncertain and difficult circumstances. At our April meeting, we honored our scholarship recipients. The scholarship committee presented an excellent program. Thank you, Cheryl Tromley, Devera Graf, and Marcia Howard for a job well done. And, thanks to the generosity of our members, we were able to grant all our scholarships this year. Outstanding!

Stephanie Mathews, one of our chapter's first scholarship recipients, was our guest of honor. She was so gracious to spend the afternoon with us and share her personal story. It was wonderful to meet her and learn more about her academic and professional successes. It is not often that we have such an opportunity to meet with a former scholarship recipient. It was very special. And I am pleased to announce that Stephanie has accepted our invitation to join AAUW. We welcome her into our chapter and look forward to working with her.

Jill Jennings, Vice President of Programs, presented us with relevant, informative, and interesting presenters this year. A summary of these programs can be found in our monthly newsletter, The Torch, and on our branch website. The vimeo links for September, October and November are on the AAUW National and Florida websites under resources. Articles and bios of the presenters for January, February and March are in the Torch. Excellent job, Jill!

The AAUW Florida Virtual Leadership Conference, "Women Together in the Sunshine State," was held April 16-18, 2021. Carolyn Nance and Judith Sims were recognized as our Branch named Gift Award Honorees. The Keynote address was given by Janet E. Petro, Deputy Director, NASA Kennedy Space center, Graduate, U.S. Military Academy West Point. Topics presented and discussed by various panelists included: Diversity, Equity, and Inclusion; Economic Security; and Branch Shared Successes. Members of our branch who attended this year's conference were Lisa Crotty, Suzan Harden, Colleen Wheeler, Carolyn Nance and Jemetta Hunt.

As you are aware, it is time to renew our AAUW membership. We would love to have 100% renewal by June 30, 2021. Over 25 per cent of our members have already renewed. Thank You! Alert, AAUW national increased their dues. Therefore, the total is now \$83.00. You can renew online at Connect@AAUW.org with a credit card or pay by check and mail to AAUW Fort Myers/Lee County, Inc., P.O. Box 2115, Fort Myers, FL 33902-2115. Please do not mail your checks to Mary Kellner's Florida address. She will be in New York for the summer. Questions and/or concerns, contact jemetta@aol.com or text (203) 249-6545

Don't forget to vote by May 17, 2021. Information about the proposed change to eliminate the membership requirement can be found on the national website, AAUW.org. You will need your membership #ID and pin to vote. connect@AAUW.org Stay safe and be well!

Jemetta Hunt, President, AAUW Fort Myers/Lee County Branch, Inc.

INTEREST GROUPS & COORDINATORS

BOOK GROUPS

Marilyn Myli, Coordinator

Marilynmy7@hotmail.com

Club	Meets
Cover Girls	2nd Wednesday, 1 PM
Classy Ladies & Literature	3rd Wednesday, 2 PM
Eat, Share, Read	3rd Thursday, 11:30 AM

BRIDGE

Marilyn Myli, Coordinator

marilynmy7@hotmail.com

HAND & FOOT

Carolyn Nance, Coordinator

cnance5240@gmail.com

MAHJONGG

Jean Schoenthaler, Coordinator

jeanschoenthaler8102@comcast.net

Meets – 1st & 3rd Thursdays, 1 PM

GREAT DECISIONS

Suzan Harden skh062653@gmail.com

PHOTO WALKS

Jemetta Hunt, Coordinator

Jemetta@aol.com

DAY TRIPS

Robin Tuthill, Coordinator rtuthill12@aol.com

WRITING / POETRY

Jill Jennings and Judith Sims, Coordinators

Magistra_jennings@yahoo.com judithssims@gmail.com

New Interest Groups Are Welcome

Jemetta Hunt, Facilitator

Jemetta@aol.com

AAUW Fort Myers/Lee County Branch, Inc.

2020-2021 Officers

Elected – Executive Board

President – Jemetta Hunt

Vice-President Elect – Kathleen Haibach

Past President – Tina Hoegler

Co-Vice-Presidents of Programs –

Jill Jennings and Phyllis Wayco

Vice-President Membership – Lisa Crotty

Co-Secretaries – Liz Foster and Pat Crowe

Co-Treasurers – Mary Kellner & Judith Sims

Appointed Officers – Board Members

Public Policy – Suzan Harden

Co-Chairs of Scholarship –

Cheryl Tromley, Marcia Howard and

Devera Graf

Communications – Open

Ways and Means – Peggy Cih

Standing Committees

Website—Lisa Crotty

Torch Editor – Peggy Cih

Historian – Judith Sims

Photographer – Jemetta Hunt

Records Retention – Executive Board

K.T.E.R Science/Engineering Fair—

Cathy Tucker

Adopt-A-Precinct –Faye O'Briant

Name Tags – Lisa Crotty & Carolyn Nance

Greeters – Board Members

Reservations – Faye O'Briant

Sunshine – Ann Compton

Torch Circulation – Faye O'Briant (US Mail)

Kathy Jones (e-mail)

This month's *In The Spotlight* is Suzan Harden. She has distinguished herself in many ways over the years, most recently as AAUW Florida's Public Policy Committee, which, among other things, looks into all the upcoming legislation with a view to compatibility with AAUW's values. Born and raised in Ohio, where she earned her B.A. in Education from Bowling Green State University, and M.A. in School Counseling from Ohio State, Suzan retired to Florida and joined AAUW in 2010. She served as our president in 2015-2016 and has been active ever since. Congratulations, Suzan!



Woman of Interest



Katie Couric

Journalist and author Katie Couric has interviewed luminaries from all over the world—but the thing that inspires us most is her passionate advocacy for health care screenings.

Way back in 2000, Katie underwent a colonoscopy on national television (the Today show), reporting to millions of viewers that the procedure is painless.

Deemed "the Katie Couric effect," colonoscopy rates across the U.S. increased by more than 20%, thanks to this likeable figure bravely sharing her personal experience and the story of losing her husband to colorectal cancer.

Five years later, Katie broadcast her mammogram as part of National Breast Cancer Awareness Month.

Couric also works to raise awareness about Parkinson's Disease, and is a powerful and devoted spokesperson for public health. **Let's stay informed together, and on top of those recommended regular screenings!**

www.ohsu.edu

Donation of Items for Fund Raising

List your donations on the attached donations sheet. Include a photo if possible. Store all items at your home.



Member's Name:

Member's Phone(s):

Donor's Name:

Donation Amount /Value:

Description of Donation:



Member's Name:

Member's Phone(s):

Donor's Name:

Donation Amount /Value:

Description of Donation:

For your donations, make a copy of the list for yourself. Send the original and photo to:

Devera Graf (Phone: (440-554-7786)

dgraf3@gmail.com

4733 Harbortown Lane Fort
Myers, FL 33919



Fort Myers / Lee County Branch, Inc.

P.O. Box 2115

Fort Myers, FL 33902-2115

Donate To help the Ft. Myers Branch to Advance Equity for Women

Use my gift for:

☐ Operating Expenses

☐ Scholarships

☐ Unrestricted

Name:

Street Address:

City, State & Zip:

Phone: (Mobile)

Phone: (Home)

Email:

Donation Amount \$25

\$50

\$100

Other Amount \$

Is gift in honor or in memory of someone? If the answer is "Yes," please provide the following:

In honor of:

In memory of:

Please provide contact information for the person honored or family of the person remembered:

Name:

Street Address:

City, State & Zip:

Please make checks payable to AAUW For Myers / Lee County, Inc. and mail to: AAUW - Attn: Treasurer

PO Box 2115

Fort Myers, FL 33902-2115

As a 501(c)(3) charitable organization, donations to the Branch may be tax deductible to the extent allowed by law.

AAUW Fort Myers/Lee County Branch, Inc., is registered as a not-for-profit charity with the State of Florida, #CH39730. A copy of the official registration and financial information may be obtained from the Division of Consumer Services by calling Toll-Free (800-435-7352) within the State of Florida or online by



AAUW Fort Myers/Lee County Branch
Membership Renewal Form

July 1, 2021-June 30, 2022 Membership Year

Last Name: _____ First Name: _____

Florida Address (is this new or edited? Y / N)

Street Address: _____

City: _____ State: _____ Zip Code: _____

Dates usually in Lee County: ☐ Full Time from: _____ to: _____

Out of Season Address (is this new or edited? Y / N)

Street Address: _____

City: _____ State: _____ Zip Code: _____

Contact Information

Will be included in the directory and used to send branch communications such as the Torch.

Email: _____

Phone (Home): _____ Phone (Cell) _____

Birthdate Month/Day: _____ / _____

Education

As you would prefer to be included in the directory

College/Degree: _____

Membership

	Level of Membership	Dues Amount	Amount Paid
<input type="checkbox"/>	Renewing Branch Member	\$83.00	_____
<input type="checkbox"/>	Dual Member – Primary membership with another branch Primary branch: _____	\$21.00	_____
<input type="checkbox"/>	Life Member of AAUW National	\$21.00	_____
<input type="checkbox"/>	Honorary Life Member (50+ Years of Membership)	\$0.00	_____

Payment

Please pay online using the personalized email link provided or mail a check to:

AAUW/Fort Myers/Lee Co Branch, Inc.

P.O. Box 2115

Fort Myers, FL 33902-2115

Membership Interests

I would like to participate in the following committees:

- ☐ Accounting/Finance ☐ Adopt-A-Precinct (Elections) ☐ Communications ☐ Fashion Show
- ☐ Fundraising ☐ Membership Directory ☐ Scholarships ☐ Torch Newsletter Production
- ☐ Other (Please describe) _____

Interest Groups and Coordinators

I am interested in learning more / joining the following interest groups:

- ☐ Book Groups - Marilyn Myli
- ☐ Bridge – Marilyn Myli
- ☐ Day Trips – Robin Tuthill
- ☐ Great Decisions – Suzan Harden
- ☐ Hand and Foot – Carolyn Nance
- ☐ Mahjongg – Jean Schoenthaler
- ☐ Photo Walks - Jemetta Hunt
- ☐ Writing / Poetry - Judith Sims and Jill Jennings
- ☐ Suggestions for New Group (Please describe) _____



AAUW FORT MYERS/LEE CO. BRANCH
Faye O'Briant, Torch Distributor
2816 SE 18th Court
Cape Coral, FL 33904