



[www.ncsu.edu/womansclub](http://www.ncsu.edu/womansclub)

*"To unite NC State University women in common interests and to promote the welfare and advancement of the University"*

---

Carolyn Bunn, President  
919-754-0809  
diamondnc@earthlink.net

Helen Crane, Editor  
919-848-6580  
helen\_crane@ncsu.edu

---

### **Message from President**

Welcome to the 2017-18 NCSU Woman's Club opening newsletter. I hope everyone has enjoyed the summer even though it seems to me it has been extraordinarily hot and humid this year! I hope you had an opportunity to enjoy the Solar Eclipse on August 21.

Our Programs Committee worked very hard in the spring to bring together exciting and interesting programs for us this year. As always, the programs will be listed in the 2017-18 Yearbook, and I encourage you to invite guests, and prospective members to our meetings.

I'm looking forward to seeing everyone at our September meeting.  
-- *Carolyn Bunn*

### **Program – 3-D Printing for our Pets**

Our guest speaker will be Dr. Ola Harrysson, Professor of Industrial and Systems Engineering (ISE) from our College of Engineering. Veterinary medicine is going high tech by collaborating with engineers and using state-of-the-art technologies to treat our pets. 3-D printing and 3-D laser scanning can provide anatomically correct models for pre-surgical planning and rehearsal as well as custom designed and fabricated implants. These new technologies assist in providing better care for the animals as well as offering new treatments and solutions.

**Dr. Harrysson** joined the ISE department in January of 2002 and is teaching courses related to product development, manufacturing processes, additive manufacturing and biomodeling. Most of his research involves additive manufacturing, specifically the medical applications.

Dr. Harrysson is in charge of the Additive Manufacturing Laboratory (AML) in the ISE department which houses the first Electron Beam Melting (EBM) machine in the world. AML is currently involved in both aerospace and medical related research as well as providing faculty and students with prototyping services. Most of the aerospace related research involves process and material development for the EBM systems while the medical research is concentrated on custom design and direct metal fabrication of novel implants. Dr. Harrysson has been working for over 10 years with his colleague, Denis Marcellin-Little, who is an orthopedic surgeon at the College of Veterinary Medicine, developing new and innovative implant solutions.

The two have pioneered the area of Transdermal Osseointegrated Prosthetics, which is a type of a prosthetic limb that is directly attached to the bone in the stump instead of using an external socket.

## **Announcements**

**Meeting Date and Time – Thursday, September 21 at 11:30 am.**

**Our meeting will convene at 11:30 am, lunch will be served at 11:45 am and our program will begin at 12:15 pm. Our meeting times will remain as listed above for the 2017-18 year unless noted otherwise.**

### **Date Change in our December 2017 Meeting**

The Executive Committee met on April 20, 2017 to discuss programs and other items pertaining to our NCSU Woman's Club meetings for 2017-18. Our December 2017 meeting would normally be held on December 21, 2017, however, the Committee felt this date was too close to the Christmas holidays and could possibly create scheduling conflicts for our members. "Article IV - Meetings" of the NCSU Woman's Club Constitution allows for meeting dates to be changed with prior notice to the membership. Please consider this prior notice that the December 2017 meeting date has been changed to December 14, 2017.

### **Deadline -- Newsletter Articles**

Newsletter articles for the next month are due to Helen Crane at each of our monthly meetings. This standard deadline should help all of us remember to have our articles ready for the coming month. Your cooperation in meeting these deadlines is appreciated. -- *Helen Crane* [Helen\\_Crane@ncsu.edu](mailto:Helen_Crane@ncsu.edu)

### **Communications Committee**

If you know of someone with a joy or concern that would warrant a card from our club, please notify the chair of our Communication/Courtesies Committee, Barbara Dickey, [dadickey@bellsouth.net](mailto:dadickey@bellsouth.net) or [919-846-0614](tel:919-846-0614).

Thank you – *Barbara Dickey*

### **Hostesses for September**

Our hostesses for September are Linda Moore, Chair, Mae-Mae Dolan, Amy Klaenhammer and Reba Worsley. Thank you, ladies, for volunteering to serve as hostess for this month.

### **Do you need a ride?**

Please don't let the lack of transportation be your excuse for missing out. We have members who are happy and eager to help. Please call Jane Mullahey (919-762-0161) for assistance. Hope to see you in September!

**Lunch Reservations—Due by Friday, September 15, 2017**

**Reservations (with payment) should be mailed to:**

**Sharon Ayers  
109 Monarch Way  
Cary, NC 27518**

*No refunds for cancellations later than due date. If you make a reservation and intend to pay at the door, but do not attend or cancel your reservation, you must still pay for your lunch(es).*

**Cost: \$18.00 per person  
Make check payable to: NC State University Woman's Club  
Lunch will be served at 11:45 am**

Number of Reservations \_\_\_\_\_

Member Name \_\_\_\_\_

Number of Guest(s) \_\_\_\_\_

Names(s) \_\_\_\_\_

Enclosed is \$ \_\_\_\_\_ (\$18.00 per person), payable to NC State University Woman's Club.

Write your entree selection(s) below for yourself and your guests from either **Pot Roast or Grilled Salmon Fillet** with green salad, buttered new potatoes and broccoli florets. Water, tea, coffee, rolls and butter included.

Member \_\_\_\_\_

Entrée Selection \_\_\_\_\_

Guest \_\_\_\_\_

Entrée Selection \_\_\_\_\_

Guest \_\_\_\_\_

Entrée Selection \_\_\_\_\_

Other special needs (i.e. space for wheelchair at table, vegetarian entrée, etc.):

---

**MINUTES**  
**NC State University Woman's Club**  
**April 22, 2017**

Doris Wernsman welcomed everyone to our April meeting. The meeting was well attended.

The members of our Hostess Committee for April were:

Vivian Hughes, Chair	Helen Crane
Geneva Humphries	Jane Mullahey
Georgina Werner	

The tables were very creative and in theme with the program for April which was the silent auction to benefit the Carol Caldwell Scholarship Fund. If only the money was real. Thank you, ladies. You challenge all of us on the Hostess Committee with these great table settings.

There were many old and new guests at the April meeting. Attending were:

Barbara Volk -- Dick Volk  
Joy Martin – Ashley and Pam Wells  
Reba Worsley – Susan Woodson

Doris opened the meeting by welcoming everyone. Vivian Hughes did the invocation.

### **Announcements**

#### **Constitution**

The members were asked to vote on two (2) amendments to the Constitution:

1. Article IV – Meetings B.
2. Article VIII – Executive Committee and Board Membership, Duties and Procedures.

Proposed Revision:

Develop the projected annual operating budget for membership approval at the Annual Business Meeting be held at the regular March meeting.

The membership voted to approve the proposed revision to the Constitution.

#### **New Officers**

Our new slate of officers was presented to the club. The new officers are as follows:

President – Carolyn Bunn  
First Vice President (Programs) – Grace Hodgson  
Second Vice President (Membership) – Dora Cornwell  
Secretary – Georgina Werner  
Treasurer – Chris Cammarene-Wessel

#### **Program**

There was no program per se, but a wonderfully organized silent auction organized by Lou Mitchell and her committee. The many items which they had gathered and purchased and or raffled off to the membership to support the Carol Caldwell Scholarship Fund were incredible. Everyone seemed to enjoy themselves and \$3,500 was raised to support the scholarship fund.

The meeting was adjourned by Doris Wernsman.

Georgina Werner, Secretary