

**UNC Greensboro**  
**Naming University Facilities and Units, Appendix I**  
**Request for Approval of Gifts Levels for Future Donor Naming Proposals**  
**(Approved by the UNCG Board of Trustees 5/1/14)**

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**UAC - 3.1 Proposed Naming Amounts for the UNCG Plant and Pollinator Center**

**PURPOSE:** The UNCG Plant and Pollinator (P&P) Center is a facility which conducts urgently needed research to guarantee food security, enable our agricultural economy, and sustain the environment. Impacts of research and education at the P&P center will be both local to North Carolina and relevant worldwide.

This Center also exists so that over 250 students- both undergraduate and graduate- can work directly with faculty on understanding the complex connections in nature that underpin our health and wellness from the perspective of the foods we eat and the environment in which we live. It will also serve as a space for community partners to meet, discuss, and conduct research collaboratively.

The Center has 3,150 sq. feet of designated space at Gateway University Research Park ready for the needed infrastructure listed in this proposal.

**DESCRIPTION OF THE FACILITY OR UNIT TO BE NAMED:** The UNCG Plant and Pollinator Center seeks to **name the entire center for \$1 million** and it also seeks naming opportunities for three rooms within the center that focus on various functions. The \$1 million naming gift will be put into an endowment and used for the longevity of the Center. For the other naming levels, we will seek outright gifts to fund the creation of the three areas listed below:

- **Molecular Research Lab: \$600,000      456 square feet**

Many of the experiments at the Plant and Pollinator Center have a molecular component that involves characterization of genetic and other cellular aspects of plants and animal pollinators. This lab will be the room for researchers to have a sterile work environment for bringing in samples from the field to characterize the samples at a molecular level. This lab is essential to all the research as it will facilitate real-time analysis of field collected samples.

For example, if DNA needs to be extracted from bees, there will be no need for preservation or travel time and as a result, there will be no degradation of the sample. Additionally, there are many reagents and chemicals that are used in molecular biology and this room provides state of the art fume hoods and air handling to ensure safety for all users.

This lab will be heavily used by researchers and the graduate students they are mentoring and teaching in our MS in Biology and PhD in Environmental Health Sciences program. This lab will also be used by undergraduate lab courses in biology when there is a field component and molecular techniques are needed for demonstration and teaching.

- **Wet Lab: \$300,000                      842 Square Feet**

All experiments and studies at the Center will occur outside the building in the surrounding fields and forest; there will be insect sampling, bee hives, plant plots that allow for biological investigations into plants and pollinators. This can be dirty and sticky work as students harvest plants from a garden or extract honey from a beehive. This lab will be designed to be the entry point for the field where faculty and students can process samples without worrying about tracking in dirt or honey.

This space includes deep sinks for cleanup, ample table space for microscopes and other equipment needed to examine samples from the field, and areas where students and faculty can work together to sort and measure field samples before prepping those samples for further study.

- **Community Engagement Room: \$100,000                      637 Square Feet**

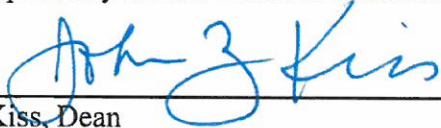
This classroom will be the meeting room for all teaching and outreach activities for the Plant and Pollinator Center. Several biology classes will use this classroom for teaching- including our Ecology and Evolution Lab- which is a core class in the biology curriculum. In addition, several graduate research courses will also be taught by mentors working at the Plant and Pollinator Center. Faculty will also have their research group meetings in this room where the faculty, post-doctoral fellows, graduate students and undergraduate students meet to talk about their progress, new discoveries, innovations, etc.

Lastly, the community will be invited for workshops and outreach events. Potential community groups include County Beekeepers from Guilford and surrounding counties, Audubon groups from Guilford and surrounding counties, and Master Gardener groups in the Triad.

In addition, meetings with scouts and other student aged groups for workshops related to gardening, pollinating, insects and their predators (bats and birds) will take place in this space. This room will also hold events about healthy grains for enhancing nutrition in our community and will also be a research area for local and international visiting scientists to confer with UNCG faculty and staff.

Please see a rendering of the entire space at item UAC – 3.2.

We respectfully ask the Board of Trustees for their approval of our proposal.

  
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John Kiss, Dean  
College of Arts and Sciences

9-10-2018  
\_\_\_\_\_  
Date

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I certify that this naming proposal and any accompanying agreement(s) comply with UNCG and UNC Board of Governors' policies.

  
\_\_\_\_\_  
Beth Fischer  
Vice Chancellor, University Advancement

9-11-18  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Betsy Oakley, Chair  
Board of Trustees University Advancement Committee

\_\_\_\_\_  
Date

- APPROVED**
- NOT APPROVED**

*If not recommended for approval, please include the rationale for the Advancement Committee's decision.*