Barrangou Elected into National Academy of Sciences (NAS)
Rodolphe Barrangou, a Todd R. Klaenhammer Distinguished Scholar in Probiotics Research and professor of food, bioprocessing, and nutrition sciences, has been elected into the NAS, one of the world’s most important and influential scientific societies. Dr. Barrangou is a pioneer in the discovery of CRISPR, the adaptive bacterial immune system, and focuses on CRISPR-Cas systems that use Cas proteins to remove foreign DNA. Barrangou also received the 2018 NAS Prize in Food and Agriculture Sciences for his discovery of genetic mechanisms and proteins driving CRISPR-Cas systems. Dr. Barrangou is currently researching the genetic basis for health-promoting and fermentative properties of beneficial bacteria used in foods.

Fitts-Woolard Hall
Fitts-Woolard Hall, previously named the Engineering Building Oval, is a new Engineering building that began construction in February. It will house state-of-the-art classrooms and cutting-edge laboratories to promote research in bio-manufacturing, advanced manufacturing, rapid prototyping, health systems engineering, environmental engineering, construction engineering and management, transportation systems and other fields. The building was named to honor the Fitts and Woolards families’ generous $25 million dollar donation, the single largest private alumni gift to a building in our history. Fitts-Woolard Hall will enable NC State to keep pace with the increasing demand for engineers and engineering innovations. The building is expected to open to students and faculty in June 2020.

Red Hat Gifts $1 Million to Shelton Challenge
Red Hat’s generous $1 million gift honors General H. Hugh Shelton, who founded NC State’s Shelton Leadership Center and chaired Red Hat’s board of directors for seven years. The Red Hat Shelton Challenge camp builds talented and passionate student leaders through an intensive summer program for high school students. The program teaches students about proper leadership traits and approaches, and about the importance of maintaining strong morals and ethics in the face of trouble. It also develops skills such as empowering others, public speaking, and goal setting. This major contribution from Red Hat will be instrumental in providing long-term support for the leadership program.

NC State Education Researchers Receive $1.5 Million NSF Grant
The National Science Foundation gave NC State education researchers John Nietfeld, James Minogue, and Marc Russo a $1.5 million grant to fund their three-year project, “Missions with Monty: A Game-Based Approach to Comprehension Monitoring with Informational Science Text.” The project’s goal is to create a game-based learning environment that helps fifth grade students become more attuned to their comprehension of STEM informational texts. Its aim is to illuminate how to create digital learning environments that promote science literacy, and to improve students’ strategies for understanding STEM literature.
IBM QHub Announcement
NC State will be the first university in North America to establish a university-based IBM Quantum Computing Hub and become part of the global IBM Q Network. Quantum computing has the potential to solve large-scale societal challenges in areas such as complex optimization, molecular modeling, machine learning, physics, materials science, and chemical simulations and data discovery. The hub, which is expected to open on NC State’s Centennial Campus this fall, will provide industry and research collaborators early access to IBM’s commercial quantum computing systems and allow them to engage in joint development. It will provide NC State researchers and students the opportunity to work directly with IBM scientists, engineers and consultants to pioneer quantum computing.

Carbonell Receives O. Max Gardner Award
Dr. Ruben Carbonell recently received the O. Max Gardner Award from the Board of Governors. This award is given to one faculty member from the UNC school system’s 17 campuses who has contributed the most to the “welfare of the human race.” Dr. Carbonell was selected for the outstanding work he has done over his 33-year career at NC State as a scholar, scientist, mentor, and educator. He is recognized for his demonstrated leadership in the Biomanufacturing Training and Education Center and the National Institute for Innovation in Manufacturing Biopharmaceuticals, as Director of the Kenan Institute, and as developer of the Institute for Emerging Issues. In addition, his research increases safety for patients needing blood transfusions or treatments based on human plasma.

Bain Earns Udall Scholarship
Meredith Bain, a junior double majoring in mathematics and German, has been named a Udall Scholar. This scholarship is awarded to students who demonstrate exemplary leadership, public service, and commitment to issues related to Native American nations or the environment. A Goodnight Scholar and Chancellor’s Aide, Bain is president of the Climate Reality Project Campus Corps, executive committee student representative with the Sierra Club’s Capital Group and an activist with The Dogwood Alliance. This summer she is in Ingolstadt, Germany, using statistical programming to model the city’s carbon dioxide emissions during an internship with the Department of Climate Protection, Public Health, and Environment.

NC State Students Recognized Nationally for Global and Language Awards
Multiple NC State students were recognized nationally for their hard work and dedication. Madelyn Afshar received the Fulbright U.S. Student Program grant, Austin Bryan the Critical Language Scholarship Program, and Jayna Lennon the Boren Scholarship. Anna Davis, Katherine Stubbs, Cyrus Rad, and Anneliese Vendel received the summer 2018 Gilman International Scholarship. Additionally, five students earned alternate positions, and one student was a semi-finalist. Each of these prestigious awards provides intelligent and passionate students with the resources to work or study a foreign language while abroad.

NC State Ranks 167th Worldwide in 2018/19 Center for World University Rankings (CWUR)
Out of 18,000 global universities, NC State ranks 167th by the CWUR based on quality of education, alumni employment, quality of faculty, research output, quality publications, and research influence and citations. The CWUR rankings are internationally respected by students, academics, university administrators, and government officials.
PROPOSED REVISION TO: POL 01.30.03 Watauga Medal

Rationale: Clarify the nomination procedures for efficiency. Clarify membership and criteria for selection of nominee.

Consultation Process (provide date of review):
6/06/18 VC Brian Sischo authorizes transmittal of PRR for review
6/06/18 General Counsel preliminary review
6/12/18 Chancellor's Cabinet Meeting review/notification (PRR Administrator will complete)
8/13/18 University Council (notification), if applicable (PRR Administrator will complete)
7/19/18 Board of Trustees (approval/notification), if applicable (PRR Administrator will complete)

Authority
Title
Board of Trustees
Watauga Medal
Classification
POL01.30.03
PRR Subject
BOT - Honorary Degrees, Awards and Distinctions
Contact Info
Vice Chancellor for University Advancement (919-515-3226)

Related Policies:
UNC Code: Appendix I, Section IV

Contact Info: Vice Chancellor for University Advancement (919-515-3226)

1. PURPOSE
The Watauga Medal is established to recognize individuals who have rendered significant and distinguished service to North Carolina State University.

2. CRITERIA
2.1 The Watauga Medal will be awarded by action of the University Board of Trustees to persons who have rendered significant and distinguished service and support to North Carolina State University.

2.2 No more than three Watauga Medals may be awarded in any one academic year,
though it is not required that an award be made each year.

2.3 Recipients may not be on the payroll of North Carolina State University or of the UNC General Administration for the current fiscal year.

2.4 Current members of the NCSU Board of Trustees and UNC Board of Governors are not eligible.

2.5 Elected state and national officials are not eligible.

2.6 Watauga Medals may be awarded posthumously.

2.7 Nominations may be carried over for two years. After two years, persons may be re-nominated.

3. “SIGNIFICANT AND DISTINGUISHED SERVICE” MEANS

3.1 Significant and distinguished service rendered as an employee of NCSU. This must denote work performed above and beyond his/her work duties.

3.2 Significant and distinguished service to NCSU rendered from an external position.

3.3 Significant and distinguished service to NC State. This individual -- who may or may not have served as an employee of the university -- will have provided extraordinary service, leadership and/or advocacy over an extended period of time and/or in an exceptional or groundbreaking way for the benefit of NC State. The individual will have demonstrated dedication to the institution (beyond any assigned work duties, if applicable), such as through volunteer and/or board service or notable financial support. In addition, this individual will have demonstrated leadership within the broader NC State community through his/her service with external organizations and/or through the individual’s professional contributions and accomplishments. In addition to the above criteria and his/her achievements in advancing NC State, this individual will be well respected by his/her peers and colleagues -- and likely to inspire or have inspired others to service.

3.4 Outstanding financial support of academic programs at NCSU. Watauga Medals should not be awarded solely on the basis of financial support.

4. PROCEDURE

4.1 The Board of Trustees shall select up to three Watauga Medal recipients annually. The Board will make its selections from nominations submitted to and recommended by the North Carolina State University Watauga Medal Nomination Committee (the “Committee”). The Committee will forward its recommendations to the Chancellor for submission to the
University Advancement Committee of the Board.

Nominations also may be submitted directly to the University Advancement Committee in care of the Assistant Secretary to the Board. The Assistant Secretary will coordinate the submission of nominations with the Chancellor and the Vice Chancellor for University Advancement.

**4.2** The Committee will consist of: one representative from each College. The College representative, who may be a faculty member or administrator, shall be appointed by the Dean, and will serve a term of three years or at the pleasure of the Dean.

**4.2.1 Five Senators designated by the Chair of the Faculty.**

**4.2.2 Five administrators appointed by the Chancellor.**

4.2.1. The following officials shall be appointed as ex officio members of the Committee:

- a. Vice Chancellor for University Advancement, who will chair the Committee
- b. Associate Vice Chancellor for Public Affairs
- c. Associate Vice Chancellor for Marketing and Communications
- d. Chair-elect of the Faculty
- e. President of the Student Body or designee
- f. President of the Alumni Association

*The faculty senators and administrators will be appointed so as to provide one representative from each of the 10 schools.*

**4.3** Faculty, students, administrators, alumni and the general public will be invited to submit nominations to the Vice Chancellor for University Advancement.

**4.4** Presentation of The Watauga Medal(s) will normally be a feature of the annual Founders’ Day ceremonies.
STATE OF NORTH CAROLINA
DEPARTMENT OF ADMINISTRATION
RALEIGH

* ACQUISITION OF REAL PROPERTY

Institution or Agency: State of North Carolina Date: June 7, 2018

The Department of Administration is requested, as provided by GS 146-22 et seq. to acquire the real property herein described by (purchase), (lease), (rental), or (other specify):

This Property is needed for the following reasons and purposes: (attach additional sheets if necessary). The property would be an addition to the existing Sandhills Research Station. The Sandhills Station provides the university a research platform for studying drought tolerance and nutrient deficiency. This additional acreage would enhance their ability to conduct water deficit type research.

Name and Address of Present Owner:
Gail G. Gallimore
3565 Windblow Rd.
Ellerbe, NC 28338

Description of Property: (attach additional sheets if necessary).
The subject area is located at 186 Lonnie Dr. in Ellerbe, NC, being southeasterly of the Sandhills Research Station. Further describe as PIN 7592 00 70 9312 in the Montgomery Co. Land Records Department. The proposed acquisition will involve +/- 33 ac. of the property currently owned by Ms. Gail G. Gallimore.

See attached exhibit.

Term: Perpetual Use

Rental price (if applicable): Not applicable.

Funds for the acquisition of this property are available in our budget under Code

Item: Account No. 762265 Other:

In the event the above described real property is not acquired, is there other real property available, owned by the State or otherwise, that you believe would, if acquired, fulfill the requirement of your agency? If so, give details. No.

Action, recommending the above request, was taken by the Board of Trustees and is recorded in the minutes thereof on ____________ (Date).  

Signature ____________
Chancellor

* The term "real property" includes timber rights, mineral rights, etc. (GS 146-64)
TRANSMITTAL OF REQUEST FOR ACQUISITION/DISPOSITION OF REAL PROPERTY

Form Number: PO-1
Preparation Date: June 7, 2018

Request: Acquisition by deed of +/- 33 ac. to be added to the exiting CALS Sandhills Research Station located in Montgomery Co. for the study of drought tolerance and nutrient deficiency. The additional acreage will enhance their ability to conduct water deficit type research.

Institution NORTH CAROLINA STATE UNIVERSITY

RECOMMENDED BY CHANCELLOR, NCSU (Chancellor's Signature)

RECOMMENDED BY COMMITTEE ON BUILDINGS AND PROPERTY (Chairman’s Signature)

RECOMMENDED BY BOARD OF TRUSTEES, NCSU (Chairman's Signature)

RECOMMENDED BY BOARD OF GOVERNORS (Secretary's Signature)
EXHIBIT

Current Sandhills Research Facility - owned by State of North Carolina

Gallimore Property

Portion of Gallimore Property proposed purchase by State of NC by and for NCSU
**Certificate Of Completion**

Envelope Id: 5E97AE2F77F647FF8082DFE22FCE8667  
Subject: CALS Sandhills Research Station Acquisition  
Source Envelope:  
Document Pages: 5  
Certificate Pages: 5  
AutoNav: Enabled  
Enveloped Stamping: Enabled  
Time Zone: (UTC-05:00) Eastern Time (US & Canada)  
Status: Completed  
Envelope Originator:  
Robert H. Mathes, Jr.  
2721 Sullivan Drive  
Campus Box 7212  
Raleigh, NC 27695  
rmathes@ncsu.edu  
IP Address: 152.14.20.122

**Record Tracking**

Status: Original  
8/7/2018 10:46:16 AM  
Holder: Robert H. Mathes, Jr.  
rmathes@ncsu.edu  
Location: DocuSign

**Signer Events**

- **Brenton McConkey**  
bwmcconk@ncsu.edu  
Security Level: Email, Account Authentication (None)  
Signature:  
Sent: 6/7/2018 11:42:12 AM  
Viewed: 6/7/2018 1:32:32 PM  
Signed: 6/7/2018 1:34:02 PM  
Using IP Address: 107.77.235.219  
Signed using mobile

- **Harlan Stafford**  
hstafford@ncsu.edu  
NC State University  
Security Level: Email, Account Authentication (None)  
Signature:  
Sent: 6/7/2018 1:34:04 PM  
Viewed: 6/7/2018 5:25:14 PM  
Signed: 6/7/2018 5:25:35 PM  
Using IP Address: 65.190.95.49  
Signed using mobile

- **Jeff Bandini**  
jeffbandini@ncsu.edu  
NC STATE UNIVERSITY  
Security Level: Email, Account Authentication (None)  
Signature:  
Sent: 6/7/2018 5:25:37 PM  
Viewed: 6/7/2018 9:20:01 PM  
Signed: 6/7/2018 9:20:39 PM  
Using IP Address: 45.24.163.40  
Signed using mobile

- **Catherine Phillips**  
cmphill7@ncsu.edu  
Security Level: Email, Account Authentication (None)  
Signature:  
Sent: 6/7/2018 9:20:41 PM  
Viewed: 6/7/2018 11:28:09 PM  
Signed: 6/7/2018 11:29:49 PM  
Using IP Address: 107.77.209.229  
Signed using mobile

**Electronic Record and Signature Disclosure:**

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- Accepted: 6/7/2018 11:28:09 PM  
  ID: 0f0495e8-005b-4240-8c9e-76c03fda0be3
Signer Events
Missie Davis
madavis6@ncsu.edu
Vice Chancellor
Security Level: Email, Account Authentication
(None)

Electronic Record and Signature Disclosure:
Accepted: 6/8/2018 8:27:20 AM
ID: 355294ce-55a4-4fd7-b47b-9478ee81fc

Signature
Using IP Address: 152.1.140.149

Timestamp
Sent: 6/7/2018 11:29:50 PM

In Person Signer Events

Editor Delivery Events
Status
Timestamp

Agent Delivery Events
Status
Timestamp

Intermediary Delivery Events
Status
Timestamp

Certified Delivery Events
Status
Timestamp

Carbon Copy Events
Status
Timestamp

Notary Events
Signature
Timestamp

Envelope Summary Events
Status
Timestamps

Envelope Sent
Hashed/Encrypted
6/7/2018 11:29:50 PM
Certified Delivered
Security Checked
6/8/2018 9:53:30 AM
Signing Complete
Security Checked
Completed
Security Checked

Payment Events
Status
Timestamps

Electronic Record and Signature Disclosure
ELECTRONIC RECORD AND SIGNATURE DISCLOSURE
From time to time, North Carolina State University (we, us or Company) may be required by law to provide to you certain written notices or disclosures. Described below are the terms and conditions for providing to you such notices and disclosures electronically through your DocuSign, Inc. (DocuSign) Express user account. Please read the information below carefully and thoroughly, and if you can access this information electronically to your satisfaction and agree to these terms and conditions, please confirm your agreement by clicking the 'I agree' button at the bottom of this document.

Getting paper copies
At any time, you may request from us a paper copy of any record provided or made available electronically to you by us. For such copies, as long as you are an authorized user of the DocuSign system you will have the ability to download and print any documents we send to you through your DocuSign user account for a limited period of time (usually 30 days) after such documents are first sent to you. After such time, if you wish for us to send you paper copies of any such documents from our office to you, you will be charged a $0.00 per-page fee. You may request delivery of such paper copies from us by following the procedure described below.

Withdrawing your consent
If you decide to receive notices and disclosures from us electronically, you may at any time change your mind and tell us that thereafter you want to receive required notices and disclosures only in paper format. How you must inform us of your decision to receive future notices and disclosure in paper format and withdraw your consent to receive notices and disclosures electronically is described below.

Consequences of changing your mind
If you elect to receive required notices and disclosures only in paper format, it will slow the speed at which we can complete certain steps in transactions with you and delivering services to you because we will need first to send the required notices or disclosures to you in paper format, and then wait until we receive back from you your acknowledgment of your receipt of such paper notices or disclosures. To indicate to us that you are changing your mind, you must withdraw your consent using the DocuSign 'Withdraw Consent' form on the signing page of your DocuSign account. This will indicate to us that you have withdrawn your consent to receive required notices and disclosures electronically from us and you will no longer be able to use your DocuSign Express user account to receive required notices and consents electronically from us or to sign electronically documents from us.

All notices and disclosures will be sent to you electronically
Unless you tell us otherwise in accordance with the procedures described herein, we will provide electronically to you through your DocuSign user account all required notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to you during the course of our relationship with you. To reduce the chance of you inadvertently not receiving any notice or disclosure, we prefer to provide all of the required notices and disclosures to you by the same method and to the same address that you have given us. Thus, you can receive all the disclosures and notices electronically or in paper format through the paper mail delivery system. If you do not agree with this process, please let us know as described below. Please also see the paragraph immediately above that describes the consequences of your electing not to receive delivery of the notices and disclosures electronically from us.
How to contact North Carolina State University:
You may contact us to let us know of your changes as to how we may contact you electronically, to request paper copies of certain information from us, and to withdraw your prior consent to receive notices and disclosures electronically as follows:
To contact us by email send messages to: eecummin@ncsu.edu

To advise North Carolina State University of your new e-mail address
To let us know of a change in your e-mail address where we should send notices and disclosures electronically to you, you must send an email message to us at eecummin@ncsu.edu and in the body of such request you must state: your previous e-mail address, your new e-mail address. We do not require any other information from you to change your email address.
In addition, you must notify DocuSign, Inc to arrange for your new email address to be reflected in your DocuSign account by following the process for changing e-mail in DocuSign.

To request paper copies from North Carolina State University
To request delivery from us of paper copies of the notices and disclosures previously provided by us to you electronically, you must send us an e-mail to eecummin@ncsu.edu and in the body of such request you must state your e-mail address, full name, US Postal address, and telephone number. We will bill you for any fees at that time, if any.

To withdraw your consent with North Carolina State University
To inform us that you no longer want to receive future notices and disclosures in electronic format you may:

i. decline to sign a document from within your DocuSign account, and on the subsequent page, select the check-box indicating you wish to withdraw your consent, or you may;
ii. send us an e-mail to eecummin@ncsu.edu and in the body of such request you must state your e-mail, full name, IS Postal Address, telephone number, and account number.
We do not need any other information from you to withdraw consent. The consequences of your withdrawing consent for online documents will be that transactions may take a longer time to process.

Required hardware and software

<table>
<thead>
<tr>
<th>Operating Systems:</th>
<th>Windows2000? or WindowsXP?</th>
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</thead>
<tbody>
<tr>
<td>Browsers (for SENDERS):</td>
<td>Internet Explorer 6.0? or above</td>
</tr>
<tr>
<td>Browsers (for SIGNERS):</td>
<td>Internet Explorer 6.0?, Mozilla FireFox 1.0, NetScape 7.2 (or above)</td>
</tr>
<tr>
<td>Email:</td>
<td>Access to a valid email account</td>
</tr>
<tr>
<td>Screen Resolution:</td>
<td>800 x 600 minimum</td>
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<tr>
<td>Enabled Security Settings:</td>
<td>•Allow per session cookies</td>
</tr>
<tr>
<td></td>
<td>•Users accessing the internet behind a Proxy Server must enable HTTP 1.1 settings via proxy connection</td>
</tr>
</tbody>
</table>

** These minimum requirements are subject to change. If these requirements change, we will provide you with an email message at the email address we have on file for you at that time providing you with the revised hardware and software requirements, at which time you will have the right to withdraw your consent.
Acknowledging your access and consent to receive materials electronically
To confirm to us that you can access this information electronically, which will be similar to other electronic notices and disclosures that we will provide to you, please verify that you were able to read this electronic disclosure and that you also were able to print on paper or electronically save this page for your future reference and access or that you were able to e-mail this disclosure and consent to an address where you will be able to print on paper or save it for your future reference and access. Further, if you consent to receiving notices and disclosures exclusively in electronic format on the terms and conditions described above, please let us know by clicking the 'I agree' button below.
By checking the 'I Agree' box, I confirm that:

- I can access and read this Electronic CONSENT TO ELECTRONIC RECEIPT OF ELECTRONIC RECORD AND SIGNATURE DISCLOSURES document; and

- I can print on paper the disclosure or save or send the disclosure to a place where I can print it, for future reference and access; and

- Until or unless I notify North Carolina State University as described above, I consent to receive from exclusively through electronic means all notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to me by North Carolina State University during the course of my relationship with you.
STATE OF NORTH CAROLINA  
DEPARTMENT OF ADMINISTRATION  
RALEIGH  

*ACQUISITION OF REAL PROPERTY  

Institution or Agency: North Carolina State University  
Date: 6/21/2018  

The Department of Administration is requested, as provided by GS 146-22 et seq. to acquire the real property herein described, by (purchase), (lease), (rental) or (other-specify):  

3 floors in the University Towers Residence Hall  

This Property is needed for the following reasons and purposes: (attach additional sheets if necessary).  

The leased space will provide overflow residential housing for 384 students and six (6) residential advisors for the 2018-2019 academic year.  

Name and Address of Present Owner: University Towers Operating Partnership, LP, 999 South Shady Grove, Suite 600, Memphis, Tennessee 38120, Attn: Christine Richards, Chief Operating Officer and Executive Vice President  

Description of Property: (attach additional sheets if necessary).  

Floors 4, 5, & 6  
111 Friendly Drive  
Raleigh, NC  

Term: Ten (10) months  

Rental Price: $2,411,784.00  

Funding: Lease costs will be paid by the University Housing Department  

Item ____________________________, Other ____________________________  

In the event the above described real property is not acquired, is there other real property available, owned by the State or otherwise, that you believe would, if acquired, fulfill the requirements of your agency? If so, give details. No.  

Action, recommending the above request, was taken by the Board of Trustees and is recorded in the minutes thereof on ________________, 2018.  

Signature ________________________  

*The term "real property" includes timber rights, mineral rights, etc. (GS 146-64)
LENDER  University Towers Operating Partnership, LP

LESSEE  The State of North Carolina, North Carolina State University

LOCATION  University Towers Residence Hall
           111 Friendly Drive, Raleigh, Wake County, NC

SIZE  3 Floors/384 student beds and 6 residential advisor beds

RATE  $2,411,784.00

TERM  10 months

USE  To be used for overflow residential housing for 384 students and six (6) residential advisors for the 2018-2019 academic year.
Request: Acquisition by lease of 3 floors in the University Towers residence hall for the 2018-2019 academic year. The leased space will provide overflow housing for 384 students and six resident advisors.

Institution: NORTH CAROLINA STATE UNIVERSITY

RECOMMENDED BY CHANCELLOR, NCSU

(Chancellor’s Signature)

RECOMMENDED BY COMMITTEE ON BUILDINGS AND PROPERTY

(Chairman’s Signature)

RECOMMENDED BY BOARD OF TRUSTEES, NCSU

(Chairman’s Signature)

RECOMMENDED BY BOARD OF GOVERNORS

(Secretary’s Signature)