CALS Dean's Enrichment Grants Program
An Internal Request for Proposals to Support our People, Programs, and Partnerships

RFP TIMELINE	
RFP Released	September 29, 2017
Full Proposal Due	November 8, 2017
Review Panels Meet	Nov. – Dec. 2017
Award Notification	January 2018
Project Start Date	July 1, 2018 **

** Academic Innovation Funds are available starting January, 2018.

Submission Instructions: All proposals, interim and final reports (if funded) will be submitted via InfoReady Review, NC State's internal grant management system. Proposals do not need to be entered into PINS or approved by Sponsored Programs.

We are pleased to announce the call for proposals for the 2017-2018 CALS Dean's Enrichment Grant Program. **This year's funding categories include:**

1. **The CALS Stakeholder Collaborative Program,**

2. **The CALS Academic Innovation Program,**

3. **The CALS Faculty Multi-User Equipment Grant Program,**

4. **The CALS Superintendent Multi-User Equipment Grant Program (NEW),**

5. **The CALS Conference & Symposium Sponsorship Program (NEW), and**

6. **The CALS/CVM Strategic Collaborative Cross-College Program.**

The College of Agriculture and Life Sciences (CALS) at North Carolina State University (NC State) leads partnership-driven discovery, learning and engagement. We prepare student leaders, create and apply unbiased knowledge through advances in science and technology and drive economic development to improve the quality of life in North Carolina, our nation and the world. We fulfill the land-grant mission by embracing an interdisciplinary approach to achieve new scientific breakthroughs that translate into discoveries and meet grand challenges involving food, farming, fiber, feed, families, health, energy, water, and the environment.

CALS strategic plan identifies five core strategic themes as focus areas for our research, teaching, and outreach programs. See the CALS NC State strategic plan, Our Envisioned Future, for more detail.

The five core strategic themes are:

1. Enhancing the production, quality, accessibility and profitability of food, plant, animal and bioenergy products for North Carolina, the nation and the world;

2. Ensuring environmental stewardship and sustainability of air, land, soil and water resources;

3. Creating a food supply that is safe, secure, healthy, affordable and of high quality;

4. Improving human health and well-being for individuals, families and communities; and

5. Preparing students and stakeholders for leadership and success in the global workforce.

This RFP was developed to help grow programs related to these core strategic themes through projects involving "multidisciplinary teams" and "integrated missions." Multidisciplinary grants engage faculty members from different departments, colleges, and/or units. Integrated grants incorporate at least two of the land grant missions (research, teaching, and cooperative extension). Proposals with the potential to lead to external funding in the near term will receive favorable rankings. (**CALS faculty with proposals in the concept development and/or exploratory phase, should refer to the Faculty Big Ideas Innovation Program.)**

Programs in this RFP are open to tenure track and non-tenure track faculty, superintendents at research stations or field laboratories, and Cooperative Extension specialists. See individual funding categories for more eligibility information. PIs may apply to more than one funding category; however focusing on one well developed proposal is recommended.

Overview of Funding Categories

1. Stakeholder Collaborative Enrichment Grants:
   Stakeholder Collaborative Matching Grants are intended to enable interdisciplinary teams to build new collaborations, work with new partners, or initiate research in an emerging technology or issue of strategic importance to both CALS and an existing partner. For the purpose of this program, stakeholders are defined as any person outside of CALS. Maximum total award is $75,000 over two years. An equal amount of matching funds is required for any request and the amount of matching funds will be a review criterion

2. Academic Innovation Grants:
   Academic Innovation Grants provide funding to create innovative instruction or curriculum design and to strengthen student recruitment. Projects may be single or multi-investigator. Award caps are $5,000 or $20,000 depending on program area. No match is required.

3. Faculty Multi-User Equipment Grant
   Faculty Multi-user Equipment Grants provide funding for equipment that furthers collaborative, interdisciplinary research in CALS and across NC State. Equipment that will serve a new and innovative research need will receive priority. The maximum award is $40,000. An equal amount of matching funds is required for any request and the amount of matching funds will be a review criterion.

4. Superintendent Multi-User Equipment Grant
   Superintendent Multi-user Equipment Grants provide funding for equipment that furthers collaborative, interdisciplinary research in CALS and across NC State. Equipment that will serve a new and innovative research need will receive priority. The maximum award is $40,000. Matching funds are required for any request and the amount of matching funds will be a review criterion.

5. Conference and Symposium Sponsorship Program
   Sponsorship grants support events designed to advance CALS interdisciplinary research, teaching, and Extension enterprise. Maximum award is $25,000. Matching funds are encouraged and the amount and source of matching funds will be a review criterion.

6. CALS/CVM Strategic Collaborative Enrichment Grants:
   Cross College Strategic Collaborative Grants are offered for cross-college opportunities in partnership with NC State's College of Veterinary Medicine (CVM). The purpose of the program is to expand and synergize novel and impactful interdisciplinary collaboration between the two colleges around their common strategic areas as outlined by each college's strategic plan. **This year's RFP is specifically targeted towards research in the area of Antimicrobial Resistance.** Maximum total award amount is $100,000 over two years ($50K CALS, $50K CVM). A 1:1 cash match from external stakeholder/partner (non-CALS, non-CVM) is required in this category, but the matching funds do not have to be evenly split across both years of a 2-year project.

This RFP provides funding programs that enhance research, teaching and/or extension. Requests for repairs, facility renovation, or capital improvements fall outside the scope of this year's program. Equipment is not an allowable expense outside of the two multi-user equipment funding categories.

STAKEHOLDER COLLABORATIVE GRANT PROGRAM
Program Description

The College of Agriculture and Life Sciences (CALS) Stakeholder Collaborative Grants provide seed money to grow programs and partnerships related to the current and future strategies of CALS. The purpose is to focus on the stakeholder component of the CALS strategic plan; enhancing partnerships to solve stakeholder needs, leveraging project funding and providing enhanced value to our stakeholders and NC State. This RFP supports programmatic opportunities that enhance research, teaching and/or extension. Innovative projects, creative ideas and new partnerships which will improve the competiveness of a project for future federal or private sector funding are especially encouraged.

This opportunity is open to tenure track and non-tenure track faculty, superintendents at research stations or field laboratories and Cooperative Extension specialists; **however a departmental faculty member from CALS must be designated as the lead principal investigator (PI) responsible for administration and accountability of the grant funds awarded.**

Stakeholders are any partners who want to work with CALS. The proposals must have a 1:1 cash match and should address one or more of the common strategic priorities of the college and stakeholder. Partners external to NC State are preferred but non-CALS internal partners for interdisciplinary collaborations are allowed. For example, multiple departments support a pilot project in a strategic interdisciplinary area; multiple departments contributing gift funds or returned F&A receipts. Please note that all internal cash matches will be transferred to the college and returned as state funds if a proposal is selected for funding.

Proposals that extend current projects or comprise teams of existing collaborators are not likely to be competitive for awards. The proposals must engage faculty members across different disciplines and be integrated across at least two of the following missions: research, teaching, and/or cooperative extension. Requests for purchase of equipment, repairs, facility renovation, or capital improvements fall outside the scope of this year's program. Requests for summer salary and fringe benefits must be well-justified and are limited to one month per year. No salary savings will be returned to departments.

Maximum award from CALS is $37,500/year for two years for total maximum award of $75,000. A 1:1 cash match from external stakeholder/partner is required, but the matching funds do not have to be evenly split across both years of a 2-year project.

Project Start Date: All projects begin on July 1, 2018.

CALS NC State Strategic Plan: Our Envisioned Future

STAKEHOLDER COLLABORATIVE GRANT
Submission Instructions

Full Proposal (Due: Wednesday, November 8, 2017): The proposal packet should include:
   a. Cover page:
      i. Project title, Lead PI name and contact information (address, email, telephone)
      ii. Name(s) and specific contact information (address, email, telephone) for all coPIs or other personnel for whom funds are requested
      iii. Project duration. All projects begin July 1, 2018
      iv. Total requested funds and matching funds
   b. Project description: Not to exceed five pages, single spaced 11 pt. font, and 1" margins
      i. Problem statement
      ii. Goals and objectives
      iii. Rationale and significance of the problem
      iv. Plan of work/methods -- including plans for future sustainability of the program
      v. Relationships with other current or planned program initiatives
      vi. How the project will improve competitiveness for future extramural grants
      vii. Partners to be included (if applicable), their contribution and roles
      viii. Available facilities or other support should also be listed
   c. Budget (form included below) with justification including description of matching funds
   d. Brief description and letter of commitment of matching funds. **(Recognizing that some industry partners have a long chain of approval, proposals may be submitted with a letter indicating an intent to collaborate. An official commitment letter of collaboration and matching funds will be required before an award is made.)**
   e. One page CV for each PI and CoPI on the project
   f. Current and pending support for lead PI and each CoPI

Budget Information: Requests for repairs, facility renovation, or capital improvements fall outside the scope of this year's program. Requests for summer salary and fringe benefits must be well-justified and are limited to one month per year. No salary savings will be returned to departments. Eligible funding categories include post-doc salary, graduate student stipend, tuition (only allowed if student GSSP eligible), hourly wages, expendable materials and supplies, software and tools, publication and website development expenses, travel, etc. This award is supported with state funds so CALS expenditures must conform to North Carolina State Basic Spending Guidelines. **Non-eligible items include, but are not limited to: student fees, gift cards, some undergraduate student travel.** Indirect costs do not apply to these grants.

Submission of Full Proposals (November 8, 2017): Full Proposals including budget, PI documents, and appendices must be uploaded through InfoReady Review as single PDF file. **File name should be Stakeholder_ Lead PI's last name.** Proposals do not need to be entered into PINS or approved by the Office of Sponsored Programs.

Please direct questions to Christy Sandy (clsandy@ncsu.edu), David Monks (david_monks@ncsu.edu) or Becky Boston (boston@ncsu.edu).

Proposal Review Criteria: Proposals will be reviewed by a panel comprised of CALS faculty. Each proposal will be read and evaluated by three panelists prior to a panel discussion and placement of the proposal into one of four categories, O (Outstanding), HM (Highly Meritorious), M (Meritorious), or NC (Not Competitive). Reviewers will consider the following criteria when evaluating the proposals.
   • Project alignment with the strategic themes of college

- The novelty and innovation of the project
- Likelihood to improve competitiveness of team for future extramural grants
- Strength of the stakeholders and CALS partnership for the project
- Likely level of impact and contribution to diversity and inclusion
- Intellectual merit (potential to advance knowledge)
- Integration of the land grant mission (Research/Teaching/Extension)
- Probability of success in completion of specific goals and objectives of the project
- Budget alignment and justification relative to the needs of the project and proportion of matching funds

Selection Process: Representatives from CALS administration will use the panel recommendations and discussion notes to identify a subset of proposals for funding. A summary capturing the substantive panel discussion and recommendation will be transmitted to PIs.

Reporting Requirements: A progress report is due 11 months after the date of the project being awarded.   Year two funding (if requested) is based on the satisfactory progress in meeting first year objectives. A final report outlining activities undertaken, results and impacts is due within 60 days of the completion of the project and no later than August 31, 2019.

Acknowledgement: All publications, posters, websites, field day presentations, etc. resulting from this internal competitive grant program must include the following statement: "This activity was funded, in part, by the College of Agriculture and Life Sciences at NC State University."

STAKEHOLDER COLLABORATIVE GRANT						
Budget Form						
	Year 1		Year 2		Total	
	CALS	Stakeholder	CALS	Stakeholder	CALS	Stakeholder
Personnel						
Materials and supplies						
Software and tools						
Publications						
Website development						
Travel						
Other						
Total						

REMINDER: Requests for summer salary and fringe benefits must be **well-justified** and are limited to one month per year. No salary savings will be returned to departments. This award is supported with state funds so CALS expenditures must conform to North Carolina State Spending Guidelines. Non-eligible items include, but are not limited to: student fees, gift cards, and some undergraduate student travel. Add rows or adjust budget line titles to best fit your project.

Budget Justification: (There is no page limitation on budget justification. However, the budget justification should not be used to circumvent the page limit on project description.)

ACADEMIC INNOVATION GRANT
Program Description

The Academic Innovation Grant program is comprised of two funding categories:

1. **Undergraduate and Graduate Student Recruiting**. CALS will fund up to three one-year grants, up to $20,000 each, to support departmental recruiting efforts in under-enrolled programs. The grants are intended to set up programs and processes that the department will continue after development. If the program is applicable college wide, then CALS may continue to fund/support after development. No match is required.

2. **Course Development.** CALS will fund grants, up to $5,000 each, to support the development and implementation of Maymester, noncredit and college-wide courses. Up to three one-year grants will be awarded in each category. No match is required.

    - **Maymester Courses**. Maymester courses enable students to make progress toward degree requirements or to fit in an intensive, high-impact educational experience they would not have been able to take advantage of during the regular semesters. The three-week Maymester is ideal for study abroad opportunities, but proposals for on-campus courses are also encouraged.

    - **Non-credit Courses**. After development, it is intended that these courses will become self-funding by charging fees. Courses can be targeted to the general public or to specific audiences, such as for completing certification and other training requirements.

    - **CALS College-wide Courses**. Intent is to create a 1-credit, 8 week course that includes content and perspective from all 12 of the departments in CALS. The course, "CALS 102" will focus on global grand challenges with perspectives from majors/departments. Creative themes integrating the departments in the course are encouraged.

ACADEMIC INNOVATION GRANT
Submission Instructions

The proposal packet should include:
   a. Cover page:
      i. Project title, name(s) and specific contact information (address, email, telephone) for the Lead PI
      ii. Name(s) and specific contact information (address, email, telephone) for all CoPIs or other personnel for whom funds are requested
      iii. Total requested funds and any matching funds (matching funds are not required)

   b. Project description: Not to exceed five pages, single spaced, 11 pt. font and 1-in. margins
      i. Rationale and significance of the problem being addressed
      ii. Goals and objectives
      iii. Project details
            1. Plan of work/methods including a timeline
            2. Major academic program(s) or discipline(s) being addressed
            3. Novelty and innovation of the project
            4. Number of students and degree level to be impacted directly and/or indirectly

     5. Relationships with other current or planned program initiatives (if applicable)
     6. Partners to be included (if applicable) and their contribution and involvement in the project
  iv. How the project will improve competitiveness for future extramural grants or how the project will support itself in the future through departmental support, receipts or other external funds (Not applicable to CALS College-wide Freshman Course category)
  c. The budget form (included below) with justification
  d. Brief description and letter of commitment of any matching funds (if applicable; matching funds are not required)
  e. One page CV for Lead PI and each CoPI
  f. Current and pending support for Lead PI and each CoPI

Budget Information: Funds will be available in January 2018 and cannot be carried forward across fiscal years. However, budgets may be submitted as 2-year budgets with specific amounts designated for each year. Total cannot exceed $5,000 or $20,000 depending on the program. This award is supported with state funds so CALS expenditures must conform to North Carolina State Basic Spending Guidelines.

Submission of Full Proposals (Due: November 8, 2017): Full Proposals including budgets, PI documents, Letters of Support, and appendices must be submitted through InfoReady Review as a single PDF file. **File name should be Academic_Lead PI last name.**

Please direct general questions regarding the Dean's Enrichment Grant program to Christy Sandy (clsandy@ncsu.edu), Becky Boston (boston@ncsu.edu) or David Monks (david_monks@ncsu.edu). Please direct specific questions regarding subject matter or appropriate fit of a topic for the Academic Innovation Program to John Dole (jmdole@ncsu.edu).

Proposal Review Criteria:
Proposals will be reviewed by a panel comprised of CALS faculty. Each proposal will be read and ranked. Reviewers will consider the following criteria when evaluating the proposals. Some criteria are applicable only to specific funding categories.
- Project alignment with the strategic themes of college Our Envisioned Future
- Potential for the creation of successful novel and effective courses
- Recruiting and selection: Strategies, procedures, and relationships for successfully identifying and recruiting outstanding students
- Demonstrated track record of team and team's history of productivity at NC State
- Integration of the land grant mission (Research/Teaching/Extension), where appropriate.
- Budget alignment and justification relative to the needs of the project
- Institutional commitment
- Potential for project to continue beyond the termination of the grant
- Likelihood to lead to future external funding to expand or replicate program

ACADEMIC INNOVATION GRANT					
Budget Form					
	CALS Year 1	Match (Not Required)	CALS Year 2 (if needed)	Match (Not Required)	Total
Designate Fiscal Year					n/a
Personnel					
Materials and supplies					
Software and tools					
Travel					
Other					
Total					

Budget Information: Funds will be available in January 2018 and cannot be carried forward across fiscal years. However, budgets may be submitted as 2-year budgets with specific amounts designated for each year. Total cannot exceed $5,000 or $20,000 depending on the program. Add rows or adjust budget line titles to best fit your project. This award is supported with state funds so CALS expenditures must conform to North Carolina State Basic Spending Guidelines. **No F&A required.** Proposals do not need to be entered into PINS.

Budget Justification: There is no page limitation on budget justification. However, the budget justification should not be used to circumvent the page limit on project description.

Reporting Requirements: A final report outlining activities undertaken, results and impacts is due within 60 days of the completion of the project.

Acknowledgement: All publications, posters, websites, field day presentations, etc. resulting from this internal competitive grant program must include the following statement: "This activity was funded, in part, by the College of Agriculture and Life Sciences at NC State University."

This RFP was developed to fund multi-user equipment that will help grow programs related to the current and future strategy of CALS. Proposals should address one or more of the common strategic priorities and the Lead PI must be from CALS.

This opportunity is open to tenure track and non-tenure track faculty.

Funding is available for new and/or currently unavailable equipment that will enhance research, teaching, and/or extension for multiple users across disciplines, departments, and colleges. Equipment proposals supporting innovative projects, creative ideas and new partnerships which will improve the competiveness of a project for future federal or private sector funding are especially encouraged. Competitiveness of proposals for replacement or upgrades to existing equipment will depend on the apparent margin of benefit that the upgrade/replacement would yield.

Project proposals will be accepted for a maximum award of $40,000. A minimum 1:1 match is required and the amount of matching funds will be a review criterion. Cross-college proposals should include contributions to the match from all colleges involved.

CALS NC State Strategic Plan: Our Envisioned Future

Full Proposal (Due: November 8, 2017):
The proposal packet should include:
   a. Cover page:
      i.   Project title, Lead PI name and contact information (address, email, telephone)
      ii. Name(s) and specific contact information (address, email, telephone) for all CoPIs or other personnel for whom funds are requested
      iii. Total requested funds as well as the amount and source(s) of match [equal (or greater) match required]
   b. Project description: Not to exceed five pages, single spaced 11 pt. font, and 1" margins
      i.   Equipment requested including description and total costs
      ii. Funding requested as well as amount and description of match funds offered
      iii. Justification for equipment including: status (limitations) of same or similar equipment currently available; impact equipment will have on CALS' research enterprise, teaching and/or extension efforts; types of research (existing and/or proposed) that will benefit. Include likely users, including CALS/Provost's strategic hires
      iv. Equipment usage across departments or colleges. Proposals that describe specific research that would benefit from the equipment will receive a higher score. Even if the equipment will be used by a number of people with diverse research programs, stating specifically the innovative aspects of that research will improve rating
      v.   Statement of previous attempts to acquire funding (e.g. major instrumentation programs, unsuccessful limited submission attempts) and how this equipment will increase chances of future funding
      vi. Location, access, and maintenance plans for equipment

c. Budget (form included below) with justification
d. Letter (or email) of commitment(s) for matching funds and departmental support
e. One page CV for Lead PI and each CoPI on the project
f. Current and pending support for Lead PI and each CoPI

Budget Information: Funds will be available in July 1, 2018 and should be expended according to state funding deadlines for that fiscal year. **Funds may not be carried over to the following year.** Requests for purchase of repairs, facility renovation, or capital improvements fall outside the scope of this year's program. This award is supported with state funds so CALS expenditures must conform to NC State Basic Spending Guidelines and CALS close out deadlines for equipment purchases (schedule has not been released, but typically around March 15).

Submission of Full Proposals (Due: November 8, 2017): Full Proposals including budgets, PI documents, Letters of Support, and appendices must be submitted through NC State's internal grant management system, InfoReady, as a single PDF file. **File name should be Equipment_Lead PI's last name.**

Please direct questions to Christy Sandy (clsandy@ncsu.edu), David Monks (david_monks@ncsu.edu) or Becky Boston (boston@ncsu.edu).

Proposal Review Criteria:
Proposals will be reviewed by a panel comprised of CALS faculty. Each proposal will be read and evaluated by three panelists prior to a panel discussion and placement of the proposal into one of four categories, O (Outstanding), HM (Highly Meritorious), M (Meritorious), or NC (Not Competitive). Reviewers will consider the following criteria when evaluating the proposals.

Reviewers will consider the following criteria when evaluating the proposals.
- Project alignment with the strategic themes of college Our Envisioned Future
- The need for the equipment with respect to innovative/competitive research
- Multi-user/collaborative nature of the research and team's history of research productivity at NC State
- Likelihood to improve competitiveness of team and others for future extramural grants
- Integration of the land grant mission (Research/Teaching/Extension)
- Budget alignment and justification relative to the needs of the project
- Proportion of matching funds
- Placement of equipment in shared space, facility or service center
- Previous submission to NC State shared equipment programs and reviewer comments

Reporting Requirements: A final report outlining activities undertaken, results and impacts is due within 60 days of the completion of the project and no later than August 31, 2019.

FACULTY MULTI-USER EQUIPMENT GRANT			
Budget Form			
	CALS	Match	Total
Equipment			
Materials and supplies			
Software and tools			
Other			

REMINDER: Requests for purchase of repairs, facility renovation, or capital improvements fall outside the scope of this year's program. This award is supported with state funds so CALS expenditures must conform to North Carolina State Basic Spending Guidelines and CALS close out deadlines for equipment purchases (schedule has not been released, but typically around March 15). **No indirect costs are required.** Add rows or adjust budget line titles to best fit your project.

Budget Justification: There is no page limitation on budget justification. However, the budget justification should not be used to circumvent the page limit on project description. Quotes for equipment may also be included as part of the budget justification.

SUPERINTENDENT MULTI-USER EQUIPMENT GRANT
Program Description

This RFP was developed to fund multi-user equipment that will help grow programs related to the current and future strategy of CALS. Proposals should address one or more of the common strategic priorities of the college.

This opportunity is open to Superintendents at NC State's field labs and research stations.

Funding is available for new and/or currently unavailable equipment that will enhance research, teaching, and/or extension for multiple users across disciplines, departments, and colleges. Equipment proposals supporting innovative projects, creative ideas and new partnerships which will improve the competiveness of a project for future federal or private sector funding are especially encouraged. Competitiveness of proposals for replacement or upgrades to existing equipment will depend on the apparent margin of benefit that the upgrade/replacement would yield. Proposals previously submitted to the university's shared equipment programs but not funded, are encouraged.

Project proposals will be accepted for a maximum award of $40,000. Matching funds are required and will be considered as a review criterion.

CALS NC State Strategic Plan: Our Envisioned Future

SUPERINTENDENT MULTI-USER EQUIPMENT GRANT
Submission Instructions

Full Proposal (Due: November 8, 2017):
The proposal packet should include:
- a. Cover page:
  - i. Project title, Superintendent name and contact information (address, email, telephone)
  - ii. Name(s) and specific contact information (address, email, telephone) for all CoPIs, or other personnel for whom funds are requested
  - iii. Total requested funds as well as the amount and source(s) of match (Match required. No amount of match specified, but proportion of match will be a review criterion.)
- b. Project description: Not to exceed five pages, single spaced 11 pt. font, and 1" margins
  - i. Equipment requested including description and total costs
  - ii. Funding requested as well as amount and description of match funds offered
  - iii. Justification for equipment including: status (limitations) of same or similar equipment currently available; impact equipment will have on CALS' research enterprise, teaching and/or extension efforts; types of research (existing and/or proposed) that will benefit. Include likely users, including CALS/Provost's strategic hires
  - iv. Equipment usage across departments or colleges. Proposals that describe specific research that would benefit from the equipment will receive a higher score. Even if the equipment will be used by a number of people with diverse research programs, stating specifically the innovative aspects of that research will improve rating
  - v. Statement of previous attempts to acquire funding (e.g. major instrumentation programs, unsuccessful limited submission attempts) and how this equipment will increase chances of future funding
  - vi. Location, access, and maintenance plans for equipment

c. Budget (form included below) with justification
d. Letter (or email) of commitment(s) for matching funds and departmental support

Budget Information: Funds will be available in July 1, 2018 and should be expended according to state funding deadlines for this fiscal year. Requests for repairs, facility renovation, or capital improvements fall outside the scope of this year's program. This award is supported with state funds so CALS expenditures must conform to NC State Basic Spending Guidelines and CALS close out deadlines for equipment purchases (schedule has not been released, but typically around March 15).

Submission of Full Proposals (Due: November 8, 2017): Full Proposals including budgets, PI documents, Letters of Support, and appendices must be submitted through NC State's internal grant management system, InfoReady, as a single PDF file. **File name should be Equipment_Superintendent's last name.**

Please direct questions to Christy Sandy (clsandy@ncsu.edu), David Monks (david_monks@ncsu.edu) or Becky Boston (boston@ncsu.edu).

Proposal Review Criteria:
Proposals will be reviewed by a panel comprised of CALS faculty. Each proposal will be read and ranked.

Reviewers will consider the following criteria when evaluating the proposals.
- Project alignment with the strategic themes of college Our Envisioned Future
- The need for the equipment with respect to innovative/competitive research
- Multi-user/collaborative nature of the research made possible
- Likelihood to improve competitiveness for future extramural grants
- Integration of the land grant mission (Research/Teaching/Extension)
- Budget alignment and justification relative to the needs of the project
- Proportion of matching funds
- Justification for equipment location
- Previous submission to NC State shared equipment programs and reviewer comments

*Selection Process***:** Representatives from CALS administration will use the panel recommendations and discussion notes to identify a subset of proposals for funding. A summary capturing the substantive panel discussion and recommendation will be transmitted to PIs.

Reporting Requirements: A final report outlining activities undertaken, results and impacts is due within 60 days of the completion of the project and no later than August 31, 2019.

SUPERINTENDENT MULTI-USER EQUIPMENT GRANT			
Budget Form			
	CALS	Match	Total
Equipment			
Materials and supplies			
Software and tools			
Other			
Total			

REMINDER: Requests for repairs, facility renovation, or capital improvements fall outside the scope of this year's program. This award is supported with state funds so CALS expenditures must conform to North Carolina State Basic Spending Guidelines and CALS close out deadlines for equipment purchases (schedule has not been released, but typically around March 15). **No indirect costs are required.** Add rows or adjust budget line titles to best fit your project.

Budget Justification: There is no page limitation on budget justification. However, the budget justification should not be used to circumvent the page limit on project description. Quotes for equipment may also be included as part of the budget justification.

CONFERENCE & SYMPOSIUM SPONSORSHIP GRANT
Program Description

This RFP was developed to promote and support conferences and symposium that advance the capacity and expertise within CALS to meet the priorities outlined in Our Envisioned Future. Events can be one day or longer running but must bring together scholars and other stakeholders to have the crucial conversations necessary to spur new knowledge and improve CALS' leadership or potential leadership in the relevant area of agriculture and life sciences. The intent is for these events to be productive and move the field forward with tangible outputs and deliverables. This program is not meant to fund the general expenses of a large meeting or ongoing series.

Topics or themes should be interdisciplinary and relevant to CALS five core strategic themes listed below.

1. Enhancing the production, quality, accessibility and profitability of food, plant, animal and bioenergy products for North Carolina, the nation and the world;

2. Ensuring environmental stewardship and sustainability of air, land, soil and water resources;

3. Creating a food supply that is safe, secure, healthy, affordable and of high quality;

4. Improving human health and well-being for individuals, families and communities; and

5. Preparing students and stakeholders for leadership and success in the global workforce.

This opportunity is open to tenure track and non-tenure track faculty, superintendent at research stations or field laboratories and Cooperative Extension specialists; however a departmental faculty member from each college must be designated as the lead principal investigator (PI) responsible for administration and accountability of the grant funds awarded from his/her home college.

The maximum award is $25,000. Match is encouraged and the amount of matching funds will be a review criterion. Allowable expenses include but are not limited to event costs such as speaker travel & housing, honoraria, room rental, publicity, and materials and supplies specific to event. **Up to $1,000 of the total award is available through non-state funds for food and beverages.** This award is supported with state funds so all other CALS expenditures must conform to North Carolina State Basic Spending Guidelines No indirect costs are required.

CONFERENCE & SYMPOSIUM SPONSORSHIP PRORGRAM
Submission Instructions

Full Proposal (Due: November 8, 2017): The proposal packet should include:
   a. Cover page:
      i. Project title, Lead PI name and contact information (address, email, telephone)
      ii. Name(s) and specific contact information (address, email, telephone) for all coPIs or other personnel for whom funds are requested
      iii. Date & Duration. Funds are available beginning July 1, 2018
      iv. Total requested funds and matching funds (Match encouraged, not required)
   b. Project description: Not to exceed five pages, single spaced 11 pt. font, and 1" margins
      i. Purpose of the event (Explicit problem/situation conference is designed to address)

      ii.   Rationale and significance (Why this team, why NC State, why now?)
     iii.   Plan of work: Description of intended program and participants including their expected contribution.
     iv.   Relationships with other current or planned program initiatives
      v.   List of known recent large meetings related to the subject and why expected results of this proposal cannot be achieved through existing large of professional society meetings
     vi.   How the event will improve competitiveness for future extramural grants
    vii.   Deliverables and expected outcomes and/or products
   viii.   Next Steps

c. Budget (form included below) with justification including description of matching funds
d. Brief description and letter of commitment of matching funds if applicable. **(Recognizing that some industry partners have a long chain of approval, proposals may be submitted with a letter indicating an intent to collaborate. An official commitment letter of collaboration and matching funds will be required before an award is made.)**
e. One page CV for each PI and CoPI on the project
f. Current and pending support for lead PI and each CoPI

Budget Information: **The maximum award is $25,000.** Match is encouraged and the amount of matching funds will be a review criterion. Allowable expenses include but are not limited to event costs such as speaker travel & housing, honoraria, room rental, publicity, and materials and supplies specific to event. **Up to $1,000 of the total award is available through non-state funds for food and beverages.**
Requests for repairs, facility renovation, or capital improvements fall outside the scope of this program. With exception of $1,000, this award is supported with state funds so CALS expenditures must conform to North Carolina State Basic Spending Guidelines. No indirect costs are required.

Submission of Full Proposals (Due: November 8, 2017): Full Proposals including budget, PI documents, and appendices must be uploaded through InfoReady Review as single PDF file. **File name should be Conference_ Lead PI's last name.** Proposals do not need to be entered into PINS or approved by the Office of Sponsored Programs.

Please direct questions to Christy Sandy (clsandy@ncsu.edu), David Monks (david_monks@ncsu.edu) or Becky Boston (boston@ncsu.edu).

Proposal Review Criteria: Proposals will be reviewed by a panel comprised of CALS faculty. Each proposal will be read and evaluated by three panelists prior to a panel discussion and placement of the proposal into one of four categories, O (Outstanding), HM (Highly Meritorious), M (Meritorious), or NC (Not Competitive). Reviewers will consider the following criteria when evaluating the proposals.
- Project alignment with the strategic themes of college
- The novelty and innovation of the project
- Likelihood to improve CALS' competitiveness for future extramural grants
- Strength of partnership between CALS & other stakeholders for the event
- Likely level of impact and contribution to diversity and inclusion
- Intellectual merit (potential to advance knowledge)
- Integration of the land grant mission (Research/Teaching/Extension)
- Probability of success in completion of overall goal of the project
- Budget alignment and justification relative to the needs of the project
- Proportion of matching funds

Selection Process: Representatives from CALS administration will use the panel recommendations and discussion notes to identify a subset of proposals for funding. A summary capturing the substantive panel discussion and recommendation will be transmitted to PIs.

Reporting Requirements: A final report outlining activities undertaken, results and impacts is due within 60 days of the completion of the project. Reports will be submitted through, InfoReady Review, NC State's internal grant management system.

Acknowledgement: All publications, posters, websites, field day presentations, etc. resulting from this internal competitive grant program must include the following statement: "This activity was funded, in part, by the College of Agriculture and Life Sciences at NC State University."

CONFERENCE & SYMPOSIUM SPONSORSHIP GRANT			
Budget Form			
	CALS	**Match**	**Total**
Facility Rental			
Materials and supplies			
Technology			
Travel			
Food & Beverage*			
Other			
Total			

* Food & Beverage expenses capped at $1,000 if included in CALS budget.

Budget Information: The maximum award is $25,000. Match is encouraged will be a review criterion. **Refreshments are limited to $1,000 or less in CALS budget and will be paid from non-state funds.** This award is supported with state funds so all other CALS expenditures must conform to North Carolina State Basic Spending Guidelines. No indirect costs are required. Add rows or adjust budget line titles to best fit your project.

Budget Justification: There is no page limitation on budget justification. However, the budget justification should not be used to circumvent the page limit on project description. Quotes for rentals and such may also be included as part of the budget justification.

CALS/CVM STRATEGIC COLLABORATIVE GRANT
Program Description

This RFP was developed to help fund innovative seed projects that grow research in the area of Antimicrobial Resistance (AMR) related to the current and future strategy of the CALS and CVM. Proposals must engage faculty members across different disciplines between the two colleges. New partnerships which will improve competitiveness of a project for future funding will be given priority. Proposals that have translational impact are particularly encouraged and all proposals must address how results of research will be disseminated and identify expected impacts of outreach. Specific examples of the types of work that might be funded include, but are not limited to:

- Develop novel systems approaches to investigate the ecology of microbial resistance gene reservoirs in the environment, animals, and food products
- Reduce the use of antibiotics through microbiome manipulation methods (e.g., Immuno-modulators; phage therapy; small molecules; probiotics; gene editing, etc.)
- Develop, assess, and implement new technologies for tracking, monitoring and mitigating the emergence of AMR in agriculture production environments
- Develop strategies that mitigate emergence, spread or persistence of antimicrobial resistant pathogens within the agricultural ecosystem
- Identify critical control points for mitigating AMR in the pre- and post-harvest food production environment

This opportunity is open to tenure track and non-tenure track faculty. Requests for purchase of equipment, repairs, facility renovation, or capital improvements fall outside the scope of this year's program. Requests for summer salary and fringe benefits must be well-justified and are limited to one month per year. (No salary savings will be returned to departments.)

Project proposals will be accepted for a maximum funding of:
Up to $50,000 funding provided by CALS
Up to $50,000 funding provided by CVM
Up to $100,000 funding by Stakeholder
Up to $200,000 total project costs over two years

Project funding period is for a maximum of two years for a maximum total award $100,000 per project. Program requires 1:1 match for total project budget of $200,000 over two years. Budgets should be apportioned such that PIs and coPIs from one college receive funds from that college.

CALS NC State Strategic Plan: Our Envisioned Future
CVM NC State Strategic Plan: CVM Strategic Plan

CALS/CVM STRATEGIC COLLABORATIVE GRANT
Submission Instructions

Full Proposal (Due: November 8, 2017): The proposal packet should include:

a. Cover page:
   i. Project title, name(s) and specific contact information (address, email, telephone) for the Lead PI
   ii. Name(s) and specific contact information (address, email, telephone) for all CoPIs or other personnel for whom funds are requested
   iii. Project duration. All projects begin on July 1, 2018
   iv. Total requested funds and matching funds (matching funds required)

b. Project description: Not to exceed five pages, single spaced, 11 pt. font and 1-in. margins
   i. Rationale and significance of the problem being addressed
   ii. Goals and objectives
   iii. Project details
      1. Plan of work/methods including a timeline
      2. Novelty and innovation of the project
      3. Number of students and degree level to be impacted directly and/or indirectly
      4. Relationships with other current or planned program initiatives (if applicable)
      5. Partners to be included (if applicable) and their contribution and involvement in the project
   iv. How the project will improve competitiveness for future extramural grants or how the project will support itself in the future through departmental support, receipts or other external funds

c. The budget form (included below) with justification

d. Brief description and letter of commitment of any matching funds. **Recognizing that some industry partners have a long chain of approval, proposals may be submitted with a letter indicating intent to collaborate. An official commitment letter of collaboration and matching funds will be required before award is made.**

e. One page CV for Lead PI and each CoPI

f. Current and pending support for Lead PI and each CoPI

Budget Information: Requests for repairs, facility renovation, or capital improvements fall outside the scope of this year's program. Requests for summer salary and fringe benefits must be well-justified and are limited to one month per year. No salary savings will be returned to departments. Eligible funding categories include post-doc salary, graduate student stipend, tuition (only allowed if student GSSP eligible), hourly wages, expendable materials and supplies, software and tools, publication and website development expenses, travel, etc. CALS and CVM portions of this award are supported with state funds so expenditures must conform to North Carolina State Basic Spending Guidelines. **Non-eligible items include, but are not limited to: student fees, gift cards, food, beverages, entertainment, some undergraduate student travel.** Indirect costs do not apply to these grants.

Submission of Full Proposals (Due: November 8, 2017): Proposals including budget, PI documents, and appendices must be submitted through InfoReady Review as a single PDF file. **File name should be CALS/CVM_Lead PIs' last names.** Proposals do not need to be entered into PINS or approved by the Office of Sponsored Programs.

Please direct general programmatic or CALS related questions to Christy Sandy (clsandy@ncsu.edu), David Monks (david_monks@ncsu.edu) or Becky Boston (boston@ncsu.edu). For CVM specific questions please contact Kate Meurs (kate_meurs@ncsu.edu).

Proposal Review Criteria:
Proposals will be reviewed by a joint review panel comprised of CALS and CVM faculty. Each proposal will be read and evaluated by three panelists prior to a panel discussion and placement of the proposal into one of four categories, O (Outstanding), HM (Highly Meritorious), M (Meritorious), or NC (Not Competitive). Reviewers will be asked to consider the following criteria when evaluating the proposals.

- Project alignment with the strategic themes of both colleges
- The novelty and innovation of the project
- Likelihood to improve competitiveness of this collaborative team for future extramural grants
- Strength of the interdisciplinary team and CALS /CVM partnership for the project
- Likely level of impact, including long-term broader impacts and contribution to diversity and inclusion
- Integration of the Land Grant mission
- Intellectual merit (potential to advance knowledge)
- Probability of success in completion of specific goals and objectives of the project
- Budget alignment and justification relative to the needs of the project

Selection Process: Representatives from CALS and CVM administration will use the panel recommendations and discussion notes to identify a subset of proposals for funding. A summary capturing the panel discussion and recommendation will be transmitted to PIs.

Reporting Requirements: A progress report is due 11 months after the date of the project being awarded. Year two funding (if requested) is based on the satisfactory progress in meeting the objectives during the first year of the project. A final report outlining activities undertaken, results and impacts is due within 60 days of the completion of the project.

Acknowledgement: All publications, posters, websites, field day presentations, etc. resulting from this internal competitive grant program must include the following statement: "This activity was funded, in part, by the College of Agriculture and Life Sciences and the College of Veterinary Medicine at NC State University."

	Year 1			Year 2			Total		
	CALS	**CVM**	**Match**	**CALS**	**CVM**	**Match**	**CALS**	**CVM**	**Match**
Personnel									
Materials and supplies									
Software and tools									
Publications									
Website development									
Travel									
Other									
Total									

*(Table header: **CALS/CVM STRATEGIC COLLABORATIVE GRANT** — Budget Form)*

REMINDER: Requests for summer salary and fringe benefits must be **well-justified** and are limited to one month per year. No salary savings will be returned to departments. This award is supported with state funds so CALS and CVM expenditures must conform to North Carolina State Spending Guidelines. **Non-eligible items include, but are not limited to: student fees, gift cards, some undergraduate student travel.** Questions regarding allowable expenditures for CVM should be directed to Kate Meurs (kate_meurs@ncsu.edu).

Add/Subtract rows to budget template or adjust budget line titles to best fit your project.

Budget Justification: (There is no page limitation on budget justification. However, the budget justification should not be used to circumvent the page limit on project description.)