

COVER PAGE FOR CHANGES TO ACADEMIC ORGANIZATION OR STRUCTURE OF AN EDUCATIONAL UNIT

The Senate’s Academic Organization and Structure Committee (SAOSC) is tasked by the University Senate with the review of proposals to change academic organization or structure. The information needed by the SAOSC for the review of such proposals is set forth in *Senate Rules 3.4.2.A.5*¹.

The SAOSC has developed a set of guidelines (from the *Senate Rules*) that are intended to ease the task of proposal submission (available at <http://www.uky.edu/universitysenate/forms>). As proposal omissions usually cause a delay in the review process, the individual(s) responsible for the proposal is (are) urged to familiarize themselves with these guidelines before submitting their proposals for review. In particular, the individual responsible for the proposal must fill out Sections I, II and III of this form, as well as include statements and documentation that provide a full accounting of the items a - i, below.

- a. Disposition of faculty, staff and resources (financial and physical);
- b. Willingness of the donating units to release faculty lines for transfer to a different educational unit;
- c. Consultation with the faculty of the unit to which the faculty lines are proposed to be transferred;
- d. Consultation with the faculty of educational unit that will be significantly reduced;
- e. Summary of votes and viewpoints (including dissents) of unit faculty and department/college committees;
- f. Ballots, votes expressing support for or against the proposal by unit faculty and staff and committees;
- g. Letters of support or opposition from appropriate faculty and/or administrators; and
- h. Letters of support from outside the University.

Section I – General Information about Proposal

| | | | | | |
|--|---|--------|--------------|--------|----------------|
| One- to two-sentence description of change: | The Department of Statistics seeks to change its name to the Dr. Bing Zhang Department of Statistics. Dr. Bing Zhang, a 1991 and 1994 graduate of the Department of Statistics, and his wife Rachel signed an agreement with the University of Kentucky to contribute \$6.35 million to advance the quality and prominence of the Department of Statistics. This gift is in addition to two endowed professorships the donors have established or pledged to establish in the department. The gift includes funds for endowing the department chair, graduate student support, graduate fellowship(s), and visiting professorship(s). The gift will enhance the department’s and the university’s educational and research mission. | | | | |
| Contact person name: | Bill Rayens | Phone: | 859-257-7061 | Email: | rayens@uky.edu |
| Administrative position (dean, chair, director, etc.): | Department Chair | | | | |

Section II – Educational Unit(s) Potentially Impacted by Proposal

| | | |
|---|--|------------|
| Check all that apply and name the specific unit(s). | | |
| <input checked="" type="checkbox"/> | Department of: | Statistics |
| <input type="checkbox"/> | School of: | |
| <input type="checkbox"/> | College of: | |
| <input type="checkbox"/> | Graduate Center for: | |
| <input type="checkbox"/> | Interdisciplinary Instructional Program: | |

¹ Items a-i are derived from *Senate Rules 3.4.2.A.5*. The Senate Rules in their entirety are available at http://www.uky.edu/Faculty/Senate/rules_regulations/index.htm.)

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| | | |
|--------------------------|--|--|
| <input type="checkbox"/> | Multidisciplinary Research Center/Institute: | |
|--------------------------|--|--|

Section III – Type of Proposal

| | |
|-------------------------------------|--|
| Check all that apply. | |
| <i>A. Changes</i> | |
| <input checked="" type="checkbox"/> | Change to the name of an educational unit. |
| <input type="checkbox"/> | Change to the type of educational unit (e.g., from department to school). |
| <i>B. Other types of proposals</i> | |
| <input type="checkbox"/> | Creation of a new educational unit. |
| <input type="checkbox"/> | Consolidation of multiple educational units. |
| <input type="checkbox"/> | Transfer of an academic program to a different educational unit. |
| <input type="checkbox"/> | Transfer of an educational unit to a different reporting unit. |
| <input type="checkbox"/> | Significant reduction of an educational unit. |
| <input type="checkbox"/> | Discontinuation, suspension or closure of an educational unit. |
| <input type="checkbox"/> | Other (Give a one- or two-sentence description below; a complete description will be in the proposal). |
| | |
| | |

Section IV is for internal use/guidance.

Section IV – Guidance for SAOSC, Senate Council and University Senate

SAOSC Review of Type A Proposals (Changes to Type of, or to Name of, an Educational Unit)

- ✓ SAOSC review of proposal.

- ✓ SAOSC recommendation for an additional or joint review by other Senate committee(s) (e.g. Senate's Academic Programs Committee).

SAOSC Review of Type B Proposals (All Other Changes)

- ✓ SAOSC review of proposal.

- ✓ SAOSC recommendation for an additional or joint review by other Senate committee(s) (e.g. Senate's Academic Programs Committee).

- ✓ SAOSC review of proposals for creation, consolidation, transfer, closure, discontinuation, or significant reduction and educational unit, or transfer of an academic program to a different educational unit (attach documentation).

- ✓ Program review in past three years (attach documentation).

- ✓ Request to Provost for new program review (attach documentation).

- ✓ Open hearing (attach documentation).
 - SAOSC information must be shared with unit 10 days prior to hearing.
 - Open hearing procedures disseminated.

Voting by SAOSC, Senate Council and University Senate

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- ✓ Endorse (or do not endorse) the academic organization, reporting, infrastructure, etc.
 - This vote is taken by the SAOSC, SC and Senate for every SAOSC proposal.

- ✓ Approve (or do not approve) the academic status or content of academic program.
 - This vote is taken by the SAOSC, SC and Senate only when the review involves an MDRC.

1. What is the impetus of the proposed change?

Dr. Bing Zhang, a 1991 and 1994 graduate of the Department of Statistics, and his wife Rachel signed an agreement with the University of Kentucky to contribute \$6.35 million to advance the quality and prominence of the Department of Statistics. This gift is in addition to two endowed professorships the donors have established or pledged to establish in the department. In 2006 the donors established the David M. Allen Fellowship in Statistics in honor of Dr. Zhang's major professor. The gift includes funds for endowing the department chair, graduate student support, graduate fellowship(s), and visiting professorship(s). The gift will enhance the department's and the university's educational and research mission. In recognition of the gift, Dean Mark Kornbluh, and the faculty of the Department of Statistics agree that the department should be re-named the Dr. Bing Zhang Department of Statistics.

2. What are the benefits and weaknesses of the proposed unit with specific emphasis on the academic merits for the proposed change?

The only change requested is to the name of the Department of Statistics. There are many benefits of the proposed name change and no apparent weaknesses. The gift provided by Dr. Zhang will help to attract, retain and support high-quality students by providing financial support for research expenses, travel fees and expenses, stipends, and career services. In honor of a former department faculty member and mentor, recipients of the graduate fellowship(s) will be known as 'Dr. David Allen Fellows'. Dr. Zhang is also investing in faculty growth by allocating funds to name the department chair. This endowment will provide a perpetual, dependable funding source to help the chair meet departmental priorities and take advantage of opportunities.

3. Describe the organization of the current structure and how the proposed structure will be different and better. Current and proposed organizational charts are often helpful in illustrating reporting lines.

The proposed name change to the department will not change the current organizational structure of the Department of Statistics.

4. How does the change fit with the department, college, and/or university objectives and priorities?

The gift provided by Dr. Zhang fits into the university's strategic objectives by strengthening the quality and distinctiveness of the graduate program in the Department of Statistics. The gift will provide support for our students to become accomplished scholars and professionals who will contribute to the Commonwealth, the nation, and the world through their research, creative endeavors, teaching, and service. This gift supports the mission of the College of Arts and

Sciences by facilitating the learning of a large and varied student population, and to advance the frontiers of knowledge in the humanities, social sciences, and natural and mathematical sciences through a range of research activities that befit a flagship, land-grant University. The Department of Statistics is enthusiastic that this gift will help the University of Kentucky fulfill its mission of “improving people’s lives through excellence in education, research and creative work, service, and health care.”

5. How does this change better position the proposers relative to state and national peers, as well as University benchmark institutions? How does the change help UK meet the goals of its strategic plan?

Universities have been moving towards naming opportunities to provide a special way for alumni to show their profound appreciation by leaving a lasting legacy. Many of the University of Kentucky benchmark institutions already have colleges and departments that bear the name of alumni and/or donors. An example of those benchmark institutions include The University of Arkansas, The University of Auburn, and The University of Florida. Naming gifts allow departments to remain competitive in attracting and retaining top students. The success of our students allows the department to remain relevant in the national rankings. The naming will elevate the national stature of the Department of Statistics among its peers and will increase its ability to attract top faculty and graduate students.

6. Who are the key personnel associated with the proposed unit? Provide qualifications of these personnel in a brief form. A complete curriculum vitae for each person is not needed, although pertinent information in tabular format is helpful.

Dr. Bing Zhang’s resume is attached. The only other key personnel include the current and future chairs of the Department of Statistics.

7. Discuss leadership and selection process for appointment a chair, a director, or interim leader and search proves, etc.

The proposed name change does not require leadership selection at this time. When a new department chair is selected, the normal college and university procedures will be followed.

8. What is the function of the faculty/staff associated with the proposed change and how is that relationship defined? Discuss DOE, adjunct, full-time, voting rights, etc.

The proposed name change does not affect how the current faculty and staff function. Moving forward those individuals will be housed in the Dr. Bing Zhang Department of Statistics.

9. Will the proposed change involve multiple schools or colleges?

The proposed name change to the Department of Statistics does not involve any other schools or colleges.

10. If the proposed change will involve transferring personnel from one unit to another, provide evidence that the donor unit is willing and able to release the personnel.

The proposed name change to the Department of Statistics does not involve transferring personnel from one unit to another.

11. What is the arrangement of faculty associated with the proposed change and how is that relationship defined? Discuss faculty DOE and status as adjunct, tenure track, or tenured. Describe the level of faculty input in the policy-making process including voting rights and advisory.

Those proposed name change to the Department of Statistics will not alter the arrangement of faculty associated with the department.

12. Discuss any implications of the proposal for accreditation by SACS and/or other organizations.

The proposed name change to the Department of Statistics will have no effect on our accreditation with SACS.

13. What is the timeline for key events in the proposed change? Student enrollments, graduates, moved programs, closed courses, new faculty and staff hires, etc.

Date the department discussed the proposal.

The proposal was discussed at a regular faculty meeting on November 6, 2019. Dean Mark Kornbluh and the Director of College Philanthropy, Laura Sutton, were special guests at that meeting. They outlined the proposal and responded to questions.

The college executive committee discussed the proposal on Tuesday, January 14, 2020. The Board of Trustees will review the proposal following action by the University Senate.

14. If the proposal involves degree changes, describe how the proposed structure will enhance students' education and make them more competitive. Discuss the impact on current and future students. State assumptions underlying student enrollment growth and describe the plans for student recruitment.

The proposed name change to the Department of Statistics will not involve any degree changes. The department will continue to award the same degrees that it currently awards.

15. Include evidence that adequate financial resources exist for the proposed unit to be viable. A general description of the new costs and funding should be provided. A letter from the Provost, Dean, or other relevant administrators may affirm commitment to provide financial resources as appropriate. An exhaustive budget is not expected.

The gift from Dr. Bing Zhang will increase the financial resources for the Department of Statistics. The gift should only be used as described in the signed agreement.

16. The proposal should document any faculty votes and departmental or school committee votes as appropriate leading up to this point in the process. The SAOSC recommends that faculty votes be by secret ballot. Include in your documentation of each vote taken the total number of eligible voters and the number that actually voted along with the break-down of the vote into numbers for, against and abstaining. A Chair or Dean may appropriately summarize supporting and opposing viewpoints expressed during faculty discussions.

The proposal includes a letter from Dr. Bill Rayens, Statistics Department Chair, indicating that the statistics faculty voted on January 15, 2020.

There is also a letter from Solomon Harrar, Chair of the College of Arts and Sciences Executive Committee, indicating that the committee voted on January 14, 2020.

17. The committee will want to see evidence of academic merit and support from key parties. Letters of support (or opposition) are encouraged from the relevant senior faculty and administrators. Relevant faculty and administrators include those in units directly involved in the proposed change (including existing units from which a new unit may be formed.)

Department of Statistics faculty have signed the attached letter from Dr. Bill Rayens, Statistics Department Chair.

18. Indicate how the new structure will be evaluated as to whether it is meeting the objectives for its formation. Timing of key events is helpful.

The gift agreement stipulates that a committee will be created to review the operation and impact of the endowment. The Zhang Committee will meet annually and advise the college and department regarding compliance with the agreement and the donor's philanthropic intent. The committee will be comprised of the Dean of the College, a representative from the Department, and a representative of the Donor for so long as it maintains active, exempt status. The Zhang Committee will not have the ability to redirect funds or to require any program changes in the Department of Statistics. The Zhang Committee is empowered to form an evaluation committee to evaluate the impact of the endowment on the department and recommend changes or modifications to the structure create. The evaluation committee may be formed no earlier than the fifth year of the endowment and will conduct its evaluation ever five years. The method of evaluating the impact of the Dr. Bing Zhang Endowment are not specified, though both statistical and anecdotal data will be used.

19. Letters of support from outside the University maybe helpful in understanding why this change helps people beyond the University.

We have not sought outside letters.



Letters

January 21, 2020

Dear Senate Council,

I am pleased to express the College's strongest support of the proposal to change the name of the Department of Statistics to the Dr. Bing Zhang Department of Statistics. Dr. Bing Zhang, a 1991 and 1994 graduate of the Department of Statistics, and his wife Rachel signed an agreement with the University of Kentucky to contribute \$6.35 million to advance the quality and prominence of the Department of Statistics. The gift provided by Dr. Zhang will help to attract, retain and support high-quality students by providing financial support for research expenses, travel fees and expenses, stipends, and career services. Dr. Zhang is also investing in faculty growth by allocating funds to name the department chair. This endowment will provide a perpetual, dependable funding source to help the chair meet departmental priorities and take advantage of opportunities.

The gift will reinforce the quality and distinctiveness of the graduate program in the Department of Statistics while enhancing the department's and the university's educational and research mission. In recognition of the gift the Department of Statistics has agreed that the department should be re-named the Dr. Bing Zhang Department of Statistics.

The College of Arts and Sciences fully supports the proposed change to the name of the Department of Statistics to the Dr. Bing Zhang Department of Statistics.



Mark Lawrence Kornbluh
Dean

see blue.™

January 20, 2020

Dear Senate Council,

On behalf of the faculty of the College of Arts and Sciences, the Executive Committee discussed and approved the re-naming of the Department of Statistics to the Dr. Bing Zhang Department of Statistics. 6:0:0 on Tuesday, January 14, 2020.

Sincerely,



Solomon Harrar
Chair, Executive Committee



University of Kentucky
College of Arts and Sciences
Department of Statistics
Office of the Chair

MEMORANDUM

TO: University Senate Academic Organization and Structure Committee
Prof. Zach Bray, Chair

FROM: William S. Rayens, Professor and Chair
Department of Statistics

DATE: January 21, 2020

Re: Faculty views on Proposed Name Change of the Department of Statistics

This memorandum explains the timing, process, and vote of the Department of Statistics faculty regarding the proposed name change of the Department of Statistics to the Dr. Bing Zhang Department of Statistics.

On November 6, at a regularly scheduled faculty meeting, UK College of Arts & Sciences Dean Mark Kornbluh and Director of Philanthropy Laura Sutton announced to the faculty the intention of Dr. Bing Zhang, an alumnus of the department, and his wife, Rachel, to make a significant gift to the department. The Department currently has sixteen voting faculty members, including two Senior Lecturers. Dr. Mai Zhou is on long-term disability leave and he was not included in this count of sixteen, but he did vote by way of email. The other sixteen faculty mentioned were present during the meeting, along with Emeritus Professor Dr. David Allen, and Department Manager, Mr. Chris Gurtcheff.

Dean Kornbluh explained the details and structure of the gift of approximately \$6.25 million in cash and endowment to support the following: a named department chair to provide discretionary funds for departmental priorities; an endowed graduate fellowship; support for the graduate program; and an endowed visiting professorship. The gift includes non-endowed funds for immediate use while the donor establishes over a period of 14 years an endowment to provide support in perpetuity. This gift is in addition to Dr. Zhang's recent gift and pledge to establish two named professorships in the department and support for the Alumni Award for Graduate Excellence in Statistics gift fund and endowment.

Dean Kornbluh related his conversations with Dr. Zhang about the gift and the donor's motivation to enhance and support the department. Dean Kornbluh noted past contributions by the donor made in honor of his major professor, Dr. David Allen, and the donor's participation in the department's 50th year alumni reunion in 2017. The faculty had the opportunity to respond to the gift announcement and to ask questions of Dean Kornbluh about the process and how the gift will be used. Dean Kornbluh stated that because of the magnitude of the gift and its potential impact, the College and University supports naming the Department of Statistics after Dr. Zhang. The faculty generally expressed enthusiasm and gratitude for Dr. Zhang's gift and the idea of renaming the department for him.

see blue.

On January 3rd, 2020, I sent an email to the Department of Statistics faculty in which a motion was made for the renaming and a formal vote was requested. The motion follows:

***The Department of Statistics**, in recognition of a combined \$7.5 million dollar contribution that will take place over fourteen years, will be renamed **The Dr. Bing Zhang Department of Statistics** in honor of the donors, Dr. Bing and Rachel Zhang.*

Faculty were asked to respond by the end of the day on January 15th, 2020. All seventeen faculty members ostensibly eligible to vote, did so and the motion carried by a clear majority of 15-to-2. Dr. Srinivasan was one of the dissenting votes and he asked that his principled objection to the renaming be recorded in this memo. The other dissenting member asked not to be identified. It is accurate to say that neither have any misgivings about Dr. Zhang. Rather, both felt, perhaps in varying degrees, that money should not be the basis for any department naming, and, if this department were to be renamed, it should be renamed after its founder, Dr. R.L. Anderson.

This gift from the Zhang family will provide immediate and long-lasting benefits to our department. The recruitment of quality graduate students has become a very competitive enterprise. To continue to recruit students of the quality of Dr. Zhang, we need an edge. The Zhang family gift, focused on graduate education, helps provide us that edge. The majority of the gift will be used to attract the best graduate students available, and to incentivize those students to make timely progress toward degree. There was no other financially sustainable way to do either of these, without the generous gift from Dr. Zhang's family. We are humbled he thought about us and cared enough about our program to make this long-term contribution to the success of our program.

The agenda and minutes of the faculty meeting on Nov. 6 are attached.

William S. Rayens

Sincerely,
Dr. William S. Rayens
Professor and Chair
Department of Statistics

see blue.

Statistics faculty
meeting agenda
and minutes

Faculty Meeting Agenda

Date: Nov. 6, 2019 **Time:** 3:00 p.m. **Location:** MDS 333

Guest Presentation

1. Dean Kornbluh and Laura Sutton

From the Chair

1. As time permits
 - **Approval** of Minutes from October
 - Other

Committee Reports

1. Graduate Studies
 - **Vote** on Expedited Changes to Plan A Master's (see attached)
2. Undergraduate Studies
 - **Mandatory** End-of-Semester evaluation forms
3. Others

Next Meeting

1. Wednesday, December 4th, MDS 333, 3 p.m. (time may change)
-

Faculty Meeting Minutes

Date: Nov. 6, 2019 **Time:** 3:00 p.m. **Location:** MDS 333

Dr. Rayens called the meeting to order at 3:00 p.m. The Agenda is attached.

Attending were: Dr. Allen, Dr. Charnigo, Dr. Gebert, Dr. Griffith, Dr. Harrar, Dr. Kryscio, Dr. Pittard, Dr. Smith, Dr. Srinivasan, Dr. Stromberg, Dr. Su, Dr. Thompson, Dr. Wood, Dr. Yin, Dr. Ye, Dr. Young, and Mr. Gurtcheff.

Dean Kornbluh and Laura Sutton were special guests for the meeting.

1. Dr. Bing and Rachael Zhang Endowment

- Dean Kornbluh and Laura Sutton announced a major naming award to the Department of Statistics.
- Details of the award were discussed, but will not be included in these minutes.
- Total amount of the award will be approximately 7.5 million dollars over a period of years.
- Award will be primarily for the recruitment of quality graduate students, but also to promote the research agendas of the department.
- The Department will eventually be named the “Dr. Bing Zhang Department of Statistics.”

2. Graduate Studies

- Dr. Thompson presented the proposed changes to the Plan A Masters (attached). It was approved by a vote of the faculty.

3. Undergraduate Studies

- Dr. Pittard reminded all faculty working with TAs of the mandatory end-of-semester evaluation forms that have to be completed.
-

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3. Others

Next Meeting

1. Wednesday, December 4th, MDS 333, 3 p.m. (time may change)
-



Signed Agreement



CHARITABLE GIFT AGREEMENT

This Agreement (the "**Agreement**") is made and entered into on _____ (the "**Effective Date**") by and between Dr. Bing Zhang and Rachel Wei Hu Zhang, in their capacities as President and Vice President, respectively, of the Bing and Rachel Zhang Family Foundation, Inc., 9025 Southern Breeze Drive, Orlando, Florida 32836 (the "**Donor**"), and the University of Kentucky, William B. Sturgill Philanthropy Building, Lexington, Kentucky 40506-0015 (the "**University**").

1. **Acknowledgment.** The parties acknowledge Dr. Bing Zhang established the "Dr. Bing and Rachel Zhang Professorship in Statistics" (the "**Fund**") endowed fund by Endowment Agreement with the University dated October 25, 2017. The Donor enters into this Agreement to provide additional support for the Professorship, with the College of Arts & Sciences (the "**College**"), Department of Statistics (the "**Department**"), as discussed below.
2. **Charitable Contribution.** The Donor agrees to make a charitable gift in the amount of \$450,000 to the University on or before December 31, 2020 for the restricted purpose of the Fund. The University shall receive and administer the Donor's gifts in accordance with the terms of this Agreement, the policies of the University, and all applicable laws.
3. **Fulfillment of Grant by Others.** At the option of Dr. Bing or Rachel Zhang, any gift made by either of them or any entity created, controlled or owned by them to the University and designated for the purposes discussed herein shall reduce the Donor's obligation hereunder by an amount equal to the fair market value of such gift; however, the aforementioned individuals shall not have an obligation to make any such gift to the University pursuant to this Agreement.
4. **Purposes.** The parties agree that the Donor's gifts made herein shall be added by University to the Fund to support one or more professorship(s) in the Department. The recipient(s) of the professorship(s) shall be selected by the Dean of the College, in consultation with the Chair of the Department.
5. **Endowment Policies.** The University shall invest, manage and administer the Fund in accordance with the University's endowment investment and spending policies approved annually by the University's Board of Trustees. Any unused spending distribution may be returned to the Endowment.
6. **RCTF.** If the state legislature approves an additional allocation of state funds for the Commonwealth of Kentucky Research Challenge Trust Fund ("**RCTF**"), or any successor donor match program, and in the event the Donor's charitable gift meets the RCTF program eligibility requirements, the University agrees to use its best efforts to secure a match for the Donor's gift and will add said match to the Fund. In the event such a match occurs,

any spending distribution from the Fund shall be subject to RCTF guidelines. Any RCTF matching contribution shall not reduce the Donor's commitment herein.

7. **Stewardship.** The University shall advise the Donor of the recipient(s)'s name and the uses of the Fund's spending distribution each year.
8. **Publicity.** For purposes of publicizing this gift, the University will have the right, without charge, to photograph the Donor's representatives and use their name, likeness, and image in photographic, audiovisual, digital or any other form of medium (the "**Media Materials**") and to use, reproduce, distribute, exhibit, and publish the Media Materials in any manner and in whole or in part, including in press releases, brochures, website postings, informational and marketing materials, and reports and publications describing University's philanthropy and business activities.
9. **Change in Circumstances.** The Donor desires that the Fund will be administered to benefit the University in perpetuity. However, should the fulfillment of the purpose stated in this Agreement become unlawful, impracticable, impossible to achieve, wasteful, or obsolete, as determined by the Board of Trustees of the University, then the Fund shall be expended to the point of exhaustion, or the spending distribution redirected for a purpose most in keeping with the Donor's intent, upon recommendation of the University's President.
10. **Successors and Assigns.** This Agreement shall insure to the benefit of and be binding upon the parties to this Agreement and their respective successors, assigns, trustees, executors, personal representatives, conservators, attorneys-in-fact and estates.
11. **Entire Agreement; Binding Agreement.** This Agreement contains the entire agreement of the parties with respect to the subject matter hereof and supersedes any prior oral or written agreements or communications between us regarding this purpose. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns.
12. **Amendment.** This Agreement may not be changed orally, but only by an amendment in writing signed by the parties hereto.
13. **Donative Intent.** The Donor intends that all contributions made to the University in furtherance of the purpose of this Agreement shall qualify as charitable contributions under the applicable provisions of the United States Internal Revenue Code of 1986, ("IRC") as amended. The Donor intends that these grants shall be a "qualifying distribution" as applied to private foundations under the applicable provisions of the IRC.
14. **Counterparts; Electronic Signatures.** This Agreement may be executed in one or more counterparts, including by electronic signature, each of which shall be deemed to be an original, but all of which shall constitute one and the same instrument. A signed copy of this Agreement transmitted by facsimile, email or other means of electronic transmission shall be deemed to have the same effect as delivery of an original executed copy.

[Signature page follows]

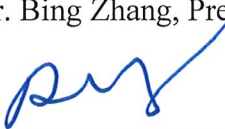
IN WITNESS WHEREOF, the parties have entered into this Agreement as of the Effective Date listed above.

DONOR

BING AND RACHEL ZHANG FAMILY FOUNDATION, INC.



Dr. Bing Zhang, President



Rachel Wei Hu Zhang, Vice President

UNIVERSITY OF KENTUCKY



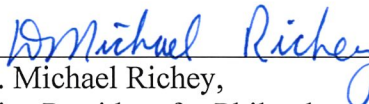
Eli I. Capilouto,
President

RECOMMENDED FOR APPROVAL BY:

Examined for Form and Legality
Office of Legal Counsel
University of Kentucky



G. Thomas Barker,
Associate General Counsel

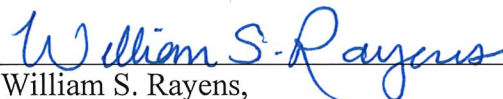


D. Michael Richey,
Vice President for Philanthropy and
Alumni Engagement

Penny Cox,
Acting Treasurer



Mark L. Kornbluh,
Dean, College of Arts and Sciences



William S. Rayens,
Chair, Department of Statistics



CHARITABLE GIFT AGREEMENT

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1. **Charitable Gift Purpose.** The Donor agrees to make and the University does hereby accept the gifts discussed below, subject to the terms of this Agreement, to advance the quality and prominence of the University's College of Arts and Sciences (the "**College**"), Department of Statistics (the "**Department**"). The Donor intends and the University agrees all contributions it receives from the Donor pursuant to this Agreement shall be used for the benefit of the Department in furtherance of the University's educational and research mission. Further, the Donor intends, and the University agrees, that these gifts and endowments created herein shall be (i) incremental, and not in substitution of general funding of the Department from the University's general budget through the College; and (ii) will not be used to defray the general funds budget of the College nor the Department.
2. **Charitable Contributions.** The Donor agrees to make charitable gifts of \$6,350,000 (the "**Total Gift**") to the University to establish and support a new endowed fund named the "**Dr. Bing Zhang Endowment**" (the "**Endowment**") and a corresponding non-endowed account (the "**Gift Account**") in the Department. The Donor will make an initial gift to the University in calendar year 2020 in the amount of \$100,000 to be added to the Gift Account. Thereafter, beginning in 2021 and continuing for fourteen (14) years through 2034 (the "**Gift Term**"), the Donor will make annual gifts in the amount of \$446,429 (the "**Annual Gift**") to be used as follows:
 - a. **Non-Endowed Gift Account.** \$100,000 of each Annual Gift shall be available for immediate expenditure to support the purposes outlined herein.
 - b. **Endowment.** \$346,429 of each Annual Gift shall be added to the Endowment and used for the purposes outlined herein. The parties agree that the Donor may: (i) elect to bypass the endowment portion of an Annual Gift in a given year, and (ii) elect to pay the remaining Total Gift in full or in advance of the contribution schedule at any time. In the event the Donor elects to bypass the endowment portion of an Annual Gift, the Gift Term shall be extended for an additional year until the Total Gift is paid in full.

The University shall receive and administer the Donor's gifts in accordance with the terms of this Agreement, the policies of the University, and all applicable laws.

3. **Fulfillment of Grant by Others.** At the option of Dr. Bing or Rachel Zhang, any gift made by either of them or any entity created, controlled or owned by them to the University and designated for the purposes discussed herein shall reduce the Donor's obligation hereunder by an amount equal to the fair market value of such gift; however, the aforementioned individuals shall not have an obligation to make any such gift to the University pursuant to this Agreement.
4. **Purposes.** The parties agree that the Donor's gifts made herein shall be used by the University in support of the Department for the purposes more specifically described in this Paragraph 4 below and in Paragraph 5 below.
 - a. **Zhang Chair.** The Donor's gifts will be used in part to establish and support an endowed chair position in the Department to be known as the "*Dr. Bing Zhang Endowed Chair in Statistics*" (the "**Chair**"). It is the expectation that this Chair will be awarded to the Department administrative chairperson, who will hold it for the length of his/her service as chairperson. The Dean of the College will consult with the College's Committee of Endowed Professors, or successor committee of a similar purpose, before appointing the Chair in accordance with the provisions concerning academic employment as set forth in the University's Governing Regulations. The Dean of the College shall define the duties and responsibilities of the Chair holder consistent with the normal operations of the College and the University. An outstanding performance consistent with the level of the Chair holder is expected. Periodic evaluation of the Zhang Chair holder shall be made by the Dean of the College in a manner consistent with University policy. The Chair holder will be expected to utilize the resources that come with this endowed position to benefit the Department faculty and students broadly. Gift funds allocated to the Chair may be used to support the Chair's compensation, academic and research activities, and other strategic purposes within the Department as determined by the Chair, in consultation with the Dean of the College.
 - b. **Graduate Support.** The Donor's gifts will be used in part for graduate student support. Uses may include, but are not limited to, research expenses, travel fees and expenses, stipends, career services support, and other initiatives to attract, retain and support high-quality students in the Department. The Dean of the College, in consultation with the Chair of the Department, shall determine the specific uses in accordance with the normal operations, policies and procedures of the University and the College.
 - c. **Graduate Fellowship(s).** The Donor's gifts will be used in part to establish and support one or more graduate research assistant fellowship(s) for student(s) enrolled in the Department. The Department's Faculty Graduate Committee shall conduct a holistic review of the candidates' qualifications to determine the recipient(s) and amount(s) of the graduate fellowship(s) and any renewal terms. Candidates(s) will be ranked on demonstrated intellectual excellence and promise, as well as professional and research experience. Fellowship recipient(s) will be known as a "*Dr. David M. Allen Fellow*" in honor and recognition of former University and Department faculty member, Dr. David Allen.

- d. **Visiting Professorship.** The Donor's gifts will be used in part to establish and support one or more visiting professorship(s) in the Department. Visiting professorship appointment(s) shall be made by the Dean of the College, in consultation with the Chair of the Department, in accordance with applicable University guidelines, policies and procedures. Recipient(s) shall be known as the "*Dr. Bing Zhang Visiting Professor of Statistics*," or such other title bearing the Donor's name as may be appropriate as determined by the Dean of the College. The support may be used for salary or salary enhancements, research of national or international importance, and other such purposes associated with the recipient(s) academic appointment or service within the Department.
5. **The Use of the Endowment Spending Distribution and Gift Account.** The Dr. Bing Zhang Endowment's spending distribution and the expendable funds from the Gift Account will be allocated across the four priorities described above, which shall be determined annually by the Dean in consultation with the Department chairperson.
6. **Naming.** In honor and recognition of the Donor's gifts the parties agree as follows:
 - a. **Naming of the Department.** The College's Statistics Department shall be named the "*Dr. Bing Zhang Department of Statistics*" (the "**Naming**"). The University shall name and refer to the Department by the Naming or as the "Zhang Department of Statistics" in all related University and College publications, materials, and references (signage, print, digital, and other formats or medium now or hereafter known) for so long as the Department is in existence, and subject to the terms of this Agreement (including without limitation completion of the gift commitment outlined herein). In the event the Department merges with another academic unit of the same organizational level (i.e., another academic department), or the Department reduces in organizational level (i.e., becomes a center or institute under the current organizational structure), the Naming shall continue to that new unit either as an individual or hyphenated naming (i.e., the Zhang – Smith Department). The Donor gives the Dean of the College and other University leadership discretion to make these decisions as they may occur, so long as the Naming continues as discussed herein. Before the Naming is affixed, the Donors shall demonstrate regular and timely payments in accordance with this Agreement.
 - b. **Signage.** The Naming shall be in accordance with applicable University policies, brand standards, guidelines and approvals as currently exist and as may be amended. Appropriate signage referencing the Naming will be affixed to a public interior section of the Department's facility to commemorate the Donor's generosity and philanthropic impact. The signage shall be in a form mutually agreed to by the University and the Donor.
 - c. **Other Donor Recognition.** In order to make additional private philanthropy successful, the Donor acknowledges that the University may allow other donors to create endowed and non-endowed funds within the Department that bear the donor's or another designated party's name. In addition, the University may name spaces within the Department's facility to acknowledge and recognize private gifts to the Department. Any such naming shall not detract from the Naming and any other recognition as may be afforded to the Donor.

7. **Endowment Policies.** The University will permanently reinvest the Endowment's spending distribution until its contributed value reaches \$1,732,145 (the total of five (5) complete Annual Gifts for the Endowment). The University shall otherwise invest, manage and administer the Endowment fund in accordance with the University's endowment investment and spending policies approved annually by the University's Board of Trustees. Any unused spending distribution may be returned to the Endowment. Additionally, after reaching the contributed value threshold set forth above, the University shall distribute an annual spending distribution equal to two percent (2%) of the Endowment's fair market value as of December 31 of each calendar year, and effective for the following Fiscal Year, until the Total Gift has been received in full. If for any reason, the Endowment does not reach a contributed value of \$1,732,145 upon the death of both Dr. Bing and Rachel Zhang, the Endowment shall be treated as non-endowed and spent in accordance with the terms hereof until exhausted, at which time the Endowment shall terminate.
8. **RCTF.** If the state legislature approves an additional allocation of state funds for the Commonwealth of Kentucky Research Challenge Trust Fund ("**RCTF**"), or any successor donor match program, and in the event the Donor's charitable gift meets the RCTF program eligibility requirements, the University agrees to use its best efforts to secure a match for the Donor's gift and will add said match to the Endowment created herein. In the event such a match occurs, any spending distribution from the Endowment shall be subject to RCTF guidelines. Any RCTF matching contribution shall not reduce the Donor's commitment herein.
9. **Fees.** The University agrees to waive the advancement fee for all outright, current-use gifts made pursuant to this Agreement.
10. **Stewardship.** The parties agree to form a committee to review the operation and impact of the Endowment and the Donor's gifts made pursuant to this Agreement (the "**Zhang Committee**").
 - a. **Committee Composition.** The Zhang Committee shall be comprised of the Dean of the College, a representative from the Department, and a representative of the Donor for so long as it maintains active, exempt status. In the event the Donor dissolves or otherwise terminates exempt status, Dr. Bing or Rachel Zhang may serve on the Zhang Committee during their lifetime. Upon the Zhangs' death (and in the event the Donor ceases exempt status) Dr. Bing and Rachel Zhang may appoint a successor advisor, which appointment and/or appointment process shall be done in writing and delivered to the University.
 - b. **Committee Purpose.** The University shall provide the Zhang Committee an annual written stewardship report that includes, at a minimum, information detailing the specific uses of the Donors' gifts made available for immediate expenditure and the performance of the Endowment, including current balances, contributed values, investment appreciation or depreciation and spending distributions. The report shall provide narrative descriptions of the specific uses of the Endowment's annual spending distributions. The Zhang Committee will advise the College and Department regarding compliance with this Agreement and the Donor's philanthropic intent expressed herein and inform the Donors and their named successors and representatives, if any, about the impact of this gift. The Zhang

Committee's purpose shall not supersede the authority provided to University officials in this Agreement to make specific decisions, in keeping with this Agreement, regarding the uses of the Donor's gifts and the Endowment.

- c. **Evaluation.** The parties acknowledge and agree to ensure the long-term impact of the Endowment, the Zhang Committee shall be empowered to form a committee (the "**Evaluation Committee**") to evaluate the impact of the Endowment on the Department and recommend changes or modifications to the structure created herein. The Evaluation Committee's membership shall be appointed by the Zhang Committee and shall include, without limitation, individuals with direct knowledge of the impact of the Endowment such as present and former faculty and student recipients. The Evaluation Committee may be initially formed in the fifth year following the date of this Agreement and reconvened every fifth year thereafter. The Evaluation Committee shall make a written report of its findings and recommendations to the Zhang Committee and Dr. Bing and Rachel Zhang (if they are living and are not a member of the Zhang Committee.) The parties acknowledge and agree on the importance of both statistical and anecdotal data in evaluating the impact of the Endowment; however, they have refrained in this Agreement from specifying any particular data that must be considered by every Evaluation Committee. The parties recognize that factors specified as of Effective Date may be irrelevant or unavailable in future years, and important factors to evaluate the impact of the Endowment in future years may be unforeseen or unknown as of the Effective Date. The parties expect that the Zhang Committee and each Evaluation Committee shall determine the data and information most relevant at the time to evaluating the impact of the Endowment.

11. **Board of Trustee Approval.** The parties acknowledge and agree that the University's acceptance of the charitable contribution(s) under this Agreement is subject to the approval by the University's Board of Trustees. If in the unlikely event this gift is not approved by the University's Board of Trustees, this Agreement shall immediately terminate and all payments made pursuant to the Agreement shall be repaid to the Donor in full within sixty (60) days of receipt of written notice from the Donor.
12. **Publicity.** For purposes of publicizing this gift, the University will have the right, without charge, to photograph the Donor's representatives and use their name, likeness, and image in photographic, audiovisual, digital or any other form of medium (the "**Media Materials**") and to use, reproduce, distribute, exhibit, and publish the Media Materials in any manner and in whole or in part, including in press releases, brochures, website postings, informational and marketing materials, and reports and publications describing University's philanthropy and business activities. The University agrees to develop a press release announcing this gift, which will be provided to the Donor's representatives for their review and approval prior to official release.
13. **Change in Circumstances.** The Donor desires that the Endowment will be administered to benefit the University in perpetuity. However, should the fulfillment of the purpose stated in this Agreement become unlawful, impracticable, impossible to achieve, wasteful, or obsolete, as determined by the Board of Trustees of the University, then the Endowment shall be expended to the point of exhaustion, or the spending distribution redirected for a

purpose most in keeping with the Donor's intent, upon recommendation of the University's President after consultation with the Zhang Committee.

14. **Successors and Assigns.** This Agreement shall insure to the benefit of and be binding upon the parties to this Agreement and their respective successors, assigns, trustees, executors, personal representatives, conservators, attorneys-in-fact and estates.
15. **Entire Agreement; Binding Agreement.** This Agreement contains the entire agreement of the parties with respect to the subject matter hereof and supersedes any prior oral or written agreements or communications between us regarding this purpose. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns.
16. **Amendment.** This Agreement may not be changed orally, but only by an amendment in writing signed by the parties hereto.
17. **Donative Intent.** The Donor intends that all contributions made to the University in furtherance of the purpose of this Agreement shall qualify as charitable contributions under the applicable provisions of the United States Internal Revenue Code of 1986, ("IRC") as amended. The Donor intends that these grants shall be a "qualifying distribution" as applied to private foundations under the applicable provisions of the IRC.
18. **Counterparts; Electronic Signatures.** This Agreement may be executed in one or more counterparts, including by electronic signature, each of which shall be deemed to be an original, but all of which shall constitute one and the same instrument. A signed copy of this Agreement transmitted by facsimile, email or other means of electronic transmission shall be deemed to have the same effect as delivery of an original executed copy.

[Signature page follows]


IN WITNESS WHEREOF, the parties have entered into this Agreement as of the Effective Date listed above.

DONOR

BING AND RACHEL ZHANG FAMILY FOUNDATION, INC.



Dr. Bing Zhang, President



Rachel Wei Hu Zhang, Vice President


UNIVERSITY OF KENTUCKY



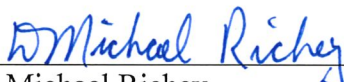
Eli I. Capilouto,
President

RECOMMENDED FOR APPROVAL BY:

Examined for Form and Legality
Office of Legal Counsel
University of Kentucky




G. Thomas Barker,
Associate General Counsel




D. Michael Richey,
Vice President for Philanthropy and
Alumni Engagement

Penny Cox,
Acting Treasurer



Mark L. Kornbluh,
Dean, College of Arts and Sciences



William S. Rayens,
Chair, Department of Statistics



Dr. Bing Zhang
biography and CV

Bing Zhang, Ph.D.

Bing received his Ph.D. degree in Statistics and M.S. degree in Computer Science from the University of Kentucky. He has served as the president of MacroStat Inc (US) since 2002, providing statistical and SAS programming services to the pharmaceutical, bio-tech, and medical device companies. After worked at ClinTrials Research, AstraZeneca, and ViroPharma for 10 years, he started the statistical consulting business in 2002 and co-founded MacroStat (China) Clinical Research Ltd. in 2005. MacroStat (China) was merged into Tigermed and then went public on the Chinese stock market in 2012. He is a board member and/or investor of several privately held companies.

Bing Zhang, Ph.D.
Phone: 302-438-2889
bing.zhang@macrostat.com

Summary

- Solid background in statistics and computer science. More than 25 years of experience in line management and statistical analyses for pharmacokinetic (PK), Phase I-IV, and through QTc clinical trials as well as integrated summaries of safety (ISS) and efficacy (ISE) for new drug applications (NDA) in various therapeutic areas (hypertension, pulmonary arterial hypertension, cholesterol lowering, ischemic stroke, anti-viral, pain control, psychotic disorders, oncology, post operative ileus, blood substitute, etc.)
- Specialized in the development of protocols, statistical analysis plans (SAP), and statistical reports; and SAS programming for the generation of CDISC SDTM and ADaM datasets, and interim, final, and exploratory analyses.
- Serve as a voting member of the Data and Safety Monitoring Board (DSMB) for clinical trials and provide statistical support to the DSMB analyses and meetings.
- Worked on and/or overseen more than 50 Phase I studies for bioequivalence, bioavailability, PK/PD relationship, PK/QTc relationship, dose-response, dose-escalation, drug interaction, and food effect.

Professional Experience

08/02-Present *President/Statistical Consultant* MacroStat Inc., Orlando, FL

- Provide statistical, SAS programming, and report writing services to the pharmaceutical, biotech, and medical device industries, and the National Institutes of Health (NIH).
- Provide statistical services in the development of clinical development plans, clinical trial protocols, randomization codes for study treatments and drug kits, statistical analysis plans, and clinical trial reports; and in the NDA submissions.
- Represent the pharmaceutical and biotech companies in various meetings with the FDA and advisory committee meetings for Pre-INDs and NDAs.
- Serve as a voting member of the DSMB for clinical trials.
- Provide statistical support to the DSMB analyses and meetings for clinical trials.
- Perform sensitivity and exploratory analyses for the investigation of efficacy characteristics, scientific publications, and responses to the FDA.
- Provide SAS programming support in data processing and statistical analyses.
- Develop applications for computer-aided data review, clinical data entry, data validation, and statistical analysis, etc.

01/00-07/02 *Associate Director, Biostatistics* ViroPharma Inc., Exton, PA

- Provided statistical support in the development of clinical development plans, clinical trial protocols, statistical analysis plans, and clinical trial reports in the treatment of meningitis and viral respiratory infection (common cold).
- Performed numerous exploratory analyses to identify clinically relevant and statistically robust efficacy endpoints, and have completed two successful pivotal trials by improving inclusion/exclusion criteria and trial design.

- Prepared for the responses to the FDA, mock-panel meetings, rehearsal meetings, and the final FDA advisory committee meeting for a NDA.
- Participated in the development of SOPs.

09/96-1/00

Served at *various positions*:

AstraZeneca Inc., Wilmington, DE

Biometric Product Team Leader in Pain Control Therapeutic Area,

- Served as a member of the Protocol Review Committee of AstraZeneca to review and approve clinical trial protocols in AstraZeneca.
- Provided statistical support in the development of clinical development plans for multiple compounds in the Pain Control Therapeutic Area.
- Managed resources and project timelines of clinical trials.

Skills Development Advisor (Manager), SAS Programming Group (US),

- Served as a member of the Protocol Review Committee of Zeneca.
- Responsible for resource and budget management, recruitment, annual performance reviews, technical consulting, and individual skills development for the SAS Programming Service Group (US).
- Development, training, and implementation of SOPs and SAS programming standards.

Statistical and Programming Team Leader, Clinical Pharmacology and Exploratory Group

- Served as a member of the Protocol Review Committee of Zeneca.
- Led a team of three statisticians and three SAS programmers working on clinical pharmacology and exploratory clinical studies. Managed resources and project time lines. Conducted individual annual performance reviews.
- Served as the Global Project Statistician for two pain relief compounds, participated in the development of clinical operating plans for the whole process of Phase I, II, and III trials and target claims statements of the compounds.
- Participated in the protocol development and wrote statistical sections for protocols.
- Supervised statisticians to develop study protocols and analysis plans for PK bioequivalence and bioavailability, drug and food interactions, and pediatric and geriatric subgroup trials in the treatment of asthma and psychotic disorders; and methodology, dose response, and Phase I & II trials in the treatment of urge urine incontinence, pain after dental surgery, and adult respiratory distress syndrome. Reviewed statistical analysis plans, tables, listings, and clinical trial reports.
- Actively participated in two workgroups to develop internal Statistical Quality Control Guidelines and Training Procedures in ICH guidelines.

01/94-09/96

Senior Biostatistician

ClinTrials Research Inc., Lexington, KY

- Developed statistical sections for study protocols and statistical analysis plans for PK, Phase I through IV studies, ISS, and ISE; authored and reviewed clinical and statistical study reports for NDA submissions; assisted with the preparation of responses to the FDA for NDA submissions and of research papers for publication. Received letter of commendation for quality of work.

- Reviewed and approved study protocols, case report forms, data validation guidelines, statistical methodologies, statistical tables, and clinical and statistical reports.
- Led a group of biostatisticians working on large studies, including an ISS and ISE. Served as lead biostatistician in project teams and communicate with clients; furnished expertise to the SAS programming department to develop SAS macros for standard, special statistical analyses, and data validations; coordinated the regulatory, medical, data management, programming, and quality assurance departments to meet deadlines and quality standards for the final products.
- Responsible for the statistics on more than 35 studies and 4 ISS's and ISE's in the treatment of hypertension, hypercholesterolemia, generalized anxiety disorder, blood loss using blood substitutes, migraine headache, acute otitis media, asthma, adult respiratory distress syndrome, acute myocardial infarction, atopic dry skin, hand dermatitis, neoplastic disease, ovarian cancer, Hodgkin's disease, non-Hodgkin's lymphoma, and others. Received company award for quality and volume of work performed.

12/91-12/93 *Biostatistician / Programmer Analyst* ClinTrials Research Inc., Lexington, KY

- Designed table shells and specifications for statistical analyses; wrote programs for data management and statistical analysis in SAS and PCNONLIN; and drafted reports for statistical methodology and results.

09/89-12/91 *Teaching Assistant* University of Kentucky (UK), Lexington, KY

EDUCATION

09/89-12/93 *Ph.D. in Statistics, 1994; M.S. in Computer Science, 1993; and M.S. in Statistics, 1991; University of Kentucky, Lexington, Kentucky.*

09/86-08/89 *Major in Computer Science, Graduate School, Chinese Academy of Sciences, China.*

09/81-07/86 *B.S. in Computer Science, 1986, University of Science and Technology of China.*

HONORS

- *1995 Commendation Award, ClinTrials Research, Inc., Lexington, Kentucky.*
- *Special Recognition, 1994-1996 Migraine Headache Study, ClinTrials Research, Inc.*
- *1992 R. L. Anderson Prize, University of Kentucky, Lexington, Kentucky.*

LANGUAGES Able to program in SAS, SQL, JCL, C/C++, BMDP, Oracle, Dbase, Foxpro, S-plus, MS VB, MS Access, Fortran, Pascal, Cobol, Lisp, Prolog, and Assembly Languages.

COMPUTERS Lots of experience with DOS, OS2, UNIX, VMS, TSO, and CMS on IBM PC, Sequent Balance 21000, VAX, Suns, and IBM mainframes.

MEMBERSHIPS American Statistical Association