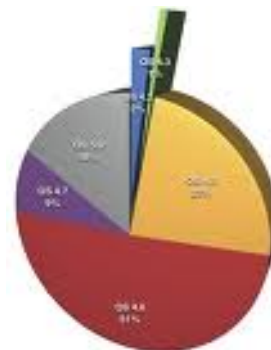# BEYOND the FORMULA STATISTICS

Endowed Scholarship

DEPARTMENT OF MATHEMATICS
MONROE COMMUNITY COLLEGE
ROCHESTER, NY
2014

Completed applications with essays and recommendations are due in the Mathematics Department Office (8-510) no later than 4:00 p.m., Monday, March 17, 2014.

BEYOND the FORMULA STATISTICS
Endowed Scholarship

Mathematics and Statistics are more than a collection of numbers, data, formulas, problems to be solved and various methods to apply or analyze. When students are studying mathematics and statistics in the classroom, the mission is to learn and understand ways and methods to view, organize, and quantify the situation. The goal is to attain a level of understanding that is well **beyond** the ability to identify and apply **the** appropriate **formula** and methodologies needed to get the answers. With this understanding, they will be better prepared to meet the challenges of problem solving and decision making in their personal lives and in their vocations. Numbers (the most easily recognized part of mathematics) are a major part of every aspect of our lives – look around, most information about anything includes numbers, mathematical models or statistical information.

The purpose of this scholarship is to recognize and honor a mathematics/statistics student at Monroe Community College, who has excelled in *understanding mathematics/statistics well beyond the formula* level and plans to continue studying statistics, statistics education or a field that would require further study and use of statistics, with an award of up to $1000.

E L I G I B I L I T Y   R E Q U I R E M E N T S

Any student currently enrolled at Monroe Community College meeting the following requirements:

1. Must have successfully completed at least 30 credit hours at MCC.
2. Must have successfully completed at least 6 credit hours of mathematics at MCC including MTH 160 – Statistics I or the equivalent and have completed or be currently taking MTH 161 – Statistics II.
3. Must have a cumulative G.P.A. of 3.0 or higher.
4. Must have a Mathematics G.P.A. of 3.35 or higher.
5. Must be planning on an academic major in statistics, statistics education or a field that would require further study and use of statistics.

R E Q U I R E D   D O C U M E N T S

Please submit only the following:

- Scholarship Information Form (page 3)
- Applicant's essay (see instructions, page 4; may be submitted on a separate sheet)
- Two letters of recommendation from Monroe Community College faculty, at least one from a statistics professor (forms: pages 5 – 6)
- Transcripts containing grades for statistics/mathematics courses or area of specialization courses **not taken** at Monroe Community College.
  Transcripts for MCC courses are **not** needed.

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Scholarship Information Form Applicant's Name _____

Banner Student Number _M_____   Telephone _____ - _____ - _____

Home Address _____

Email Address _____

Completed Mathematics Courses				
Institution	Course Title	Course Number	Credits	Grade

Current Mathematics Courses				
Institution	Course Title	Course Number	Credits	Average

Area of specialization / program of study: _____

Number of credit hours completed in the area of specialization: _____

G.P.A. in the area of specialization: _____

Recommendation letters requested from:

1. _____   2. _____

Signature _____   Date _____

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Applicant's Essay   Applicant's Name _____

Elaborate on the attributes that make you a worthy candidate for the Beyond the Formula Statistics award. Include in your typed essay an explanation of your career goals in statistics, statistics/mathematics education or a statistics related field. Share experiences that inspired your enthusiasm for statistics/mathematics. Provide any additional information that you feel supports your qualifications.

MCC Faculty Recommendation   Applicant's Name _____

To the candidate: This form is to be completed by a Monroe Community College faculty member. Two references are required; at least one of them must be a statistics professor. Please enter your name on the line above and give this form to an instructor who knows you well.

Dear Faculty Member:

The student named above is applying for a Beyond the Formula Statistics Endowed Scholarship. In order to help the Scholarship Committee obtain an accurate picture of the applicant's qualifications, we ask that you answer these questions as fully and candidly as possible.

Faculty Member's name and position _____

Department _____   Telephone Extension _____

Your comments on this student are based on:

- Length of time you have known the applicant: _____

- Your relationship to the applicant: _____

- The course(s)/semester(s) you taught this student: _____

   Other _____

In comparison to the approximately _____ students I have evaluated in the past two years, I would place this nominee in (check one):

	the top 1 %		the top 10 %		the top 25 %		the top 50 %		below average

Narrative Comments: Please comment on the qualifications of the candidate and why you feel this candidate is deserving of the award. Try to comment on the following: aptitude for further study in statistics/mathematics, enthusiasm, initiative, maturity, and the ability to relate to others. Feel free to use additional space if needed or attach a document.   (Please type.)

Signature _____   Date _____

Please return your recommendation to the Monroe Community College Mathematics Department Office. Thank you for your cooperation.

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MCC Faculty Recommendation   Applicant's Name _____

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- The course(s)/semester(s) you taught this student: _____

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