

MSCF
Master of Science in Computational Finance
Carnegie Mellon University

CREATING THE NEXT GENERATION OF FINANCIAL INDUSTRY LEADERS

MSCF GIVING OPPORTUNITIES



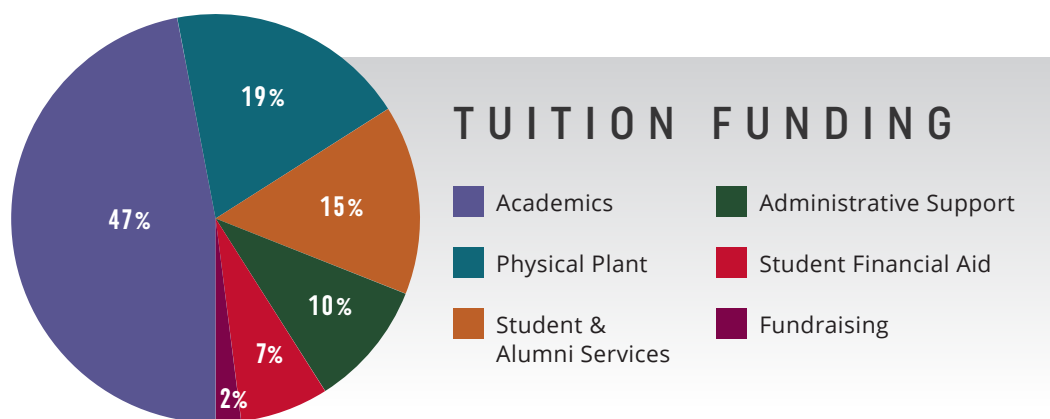
A LEGACY OF SUCCESS

FOR NEARLY 25 YEARS, the pioneering MSCF program has been the catalyst for launching hundreds of highly successful quantitative finance careers.

This accomplishment was made possible by the outstanding faculty, students and alumni who have helped transform MSCF into one of the most sought after quantitative finance master's degrees in the world. As we look to the future, our mission will continue to define our success: Delivering a transformative educational experience through deep interdisciplinary knowledge and leadership skills to produce the next great leaders in finance.

Given the shifting competitive and financial landscapes, the MSCF program must compete for faculty, students and career placement, often among very prestigious institutions with outstanding international recognition and endowments that far surpass CMU.

CMU has an ongoing commitment to MSCF and continues to invest in the program. However, this level of investment and the MSCF tuition does not cover key areas that are critical to the future success of the program. **Securing additional funding is imperative for continuing and strengthening the MSCF legacy in the years to come.**



A COMMITMENT TO THE FUTURE

There are three key commitments essential to MSCF maintaining its leadership position among an increasingly competitive field of quantitative finance programs.

1

QUANTITATIVE
FINANCE INNOVATION

2

DIVERSE
STUDENT BODY

3

A UNIQUE AND
COMPELLING STUDENT
EXPERIENCE

1. A Commitment to Quantitative Finance Innovation Through Excellence in Teaching and Ground-Breaking Curriculum

CARNEGIE MELLON UNIVERSITY HAS A DISTINGUISHED RECORD IN QUANTITATIVE FINANCE.

As we look forward to the next 25 years of MSCF, we must focus on two strategic objectives: investing in faculty and developing ground-breaking curriculum.

The faculty who created and nurtured MSCF will be retiring soon. We must put in place a new generation of quantitative finance professors committed to making fundamental contributions to quantitative finance and developing educational tools for the next generation of MSCF students. In order to attract new talent, we must have the resources to provide the recognition and compensation offered by competing institutions.

The financial world is very different from that faced by our graduates 25 years ago and continues to rapidly change. To remain relevant, our curriculum must also change. Major changes over the last few years include new courses in machine learning and data science. New curriculum to develop better communicators and leaders is of equal importance.

Through the following donation opportunities, you can help MSCF meet this commitment and directly impact Carnegie Mellon's ability to expand the boundaries of quantitative finance.

MICHELLE CHEN

(MSCF 2011)

"When I look back at my time at MSCF, I remember the special friends I made and the professors who served as tremendous role models for me. I give back as a gesture of how grateful I am to the program for giving me such a wonderful experience."



OPPORTUNITIES FOR GIVING

The Steve Shreve Educational Enrichment Fund

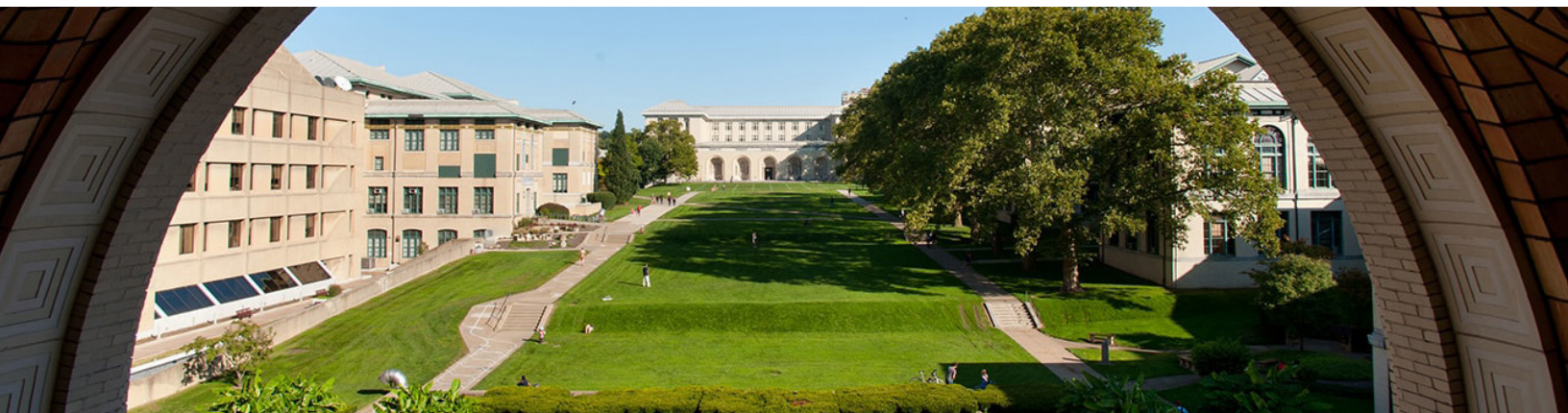
*Founded in 2016, this fund was created to honor Professor Shreve's impact on computational finance. With your help, the fund will provide faculty with the resources necessary to advance the MSCF curriculum and educational experience. **GOAL: \$500,000***

MSCF Professorships/Chairs

*As one of the most prestigious awards a university can bestow on a faculty member, an endowed professorship allows MSCF to attract and retain talented intellectual leadership at the senior faculty level. Named professorships are highly prized among faculty members, and connect the donor to given subjects, issues, or areas of focus. **GOAL: \$3,000,000+***

Nash Lecture Series

*The Nash Lecture Series, which commemorates Carnegie graduate and Nobel Prize winner John F. Nash Jr., helps bring leading figures in quantitative finance to the Carnegie Mellon campus. Your support will provide a unique opportunity for faculty interaction with leaders in the field, thereby serving as an important catalyst for innovation in theories and practices in quantitative finance. **GOAL: \$250,000***



2. A Commitment to a Diverse Student Body Requires Investments in Scholarships, Program Marketing, and Brand Development

DIVERSITY HAS LONG PLAYED A CRITICAL ROLE

in ensuring MSCF consistently offers employers a talented pool of desirable candidates. MSCF seeks to encourage more domestic students to pursue an education in computational finance. To achieve these goals, MSCF needs to improve our ability to market to and provide scholarships for students.

Irrespective of citizenship, gender, or race/ethnicity, we need to continue to attract the smart, motivated, honest, well-spoken, and personable problem-solvers that top firms want to employ. With your philanthropic investment, you can contribute to the ongoing success of MSCF while transforming the lives of our future students.



ELIZABETH SUMNER (MSCF 2019)

"The MSCF program was my absolute first choice to pursue an advanced degree. This was made possible in large part due to the funding provided. I am honored to be a scholarship recipient, and I cannot express enough thanks for those who generously make opportunities such as mine possible."

OPPORTUNITIES FOR GIVING

The MSCF Fund

This fund supports efforts to reach undergraduates who may not be aware of opportunities in the quantitative finance field. Support for this fund will allow MSCF to reach more students across the U.S. through on-site visits with prospective applicants and creating new communication vehicles. **GOAL: \$250,000**

Scholarship Funds

Attracting the best students in the country is central to MSCF's mission. While there are many capable students, not all have the financial resources to enroll at MSCF. Your donation can make their dream a reality. **GOAL: \$250,000**

3. A Commitment to a Unique and Compelling Student Experience Requires Investments in Our Student-Facing Technology and Infrastructure.

IMPORTANT RENOVATIONS CONTINUE AT THE PITTSBURGH AND NEW YORK MSCF CAMPUSES

as we seek to create an environment where our students can excel. With our commitment to investing in leading-edge technology and data sources, MSCF is positioning itself to provide the optimal environment for our students and the faculty that support them. This includes new Career Services offices and interview rooms in New York, a dedicated space for students in Pittsburgh and significant investments in real-world data feeds to fuel the learning process. We need your help to continue to develop our technology and infrastructure throughout our campuses.

CHINTAN KOTECHA (MSCF 2007) "To some extent the MSCF program allocated risk capital by accepting me ten years ago. I was given the opportunity to acquire the skills needed for financial market success and it has made all the difference in my life. I give back to MSCF yearly to help maintain that risk capital so that future generations can have the same opportunities I had."



OPPORTUNITIES FOR GIVING

Naming Opportunities and Corporate Sponsorship

As an MSCF partner, your company will have the opportunity to underwrite on-campus activities and technology platforms. In addition, we're seeking in-kind donations from industry partners that have a vested interest in supporting the student's learning experience. **\$5,000 TO \$50,000**