

Finance



BUSINESS



INVESTING



INNOVATION



POLICY



IMPACT

Think. Teach. Execute.

There is no stereotypical finance student at MIT Sloan. That's because there is nothing typical about the way MIT Sloan thinks about finance. Here, we go beyond simple numbers and charts. Finance is your tool for making an impact, analyzing where the next big innovations come from and how to manage the risks of the future. At MIT Sloan, finance goes wherever our faculty and students can think to take it.

Finance at MIT Sloan has a long legacy of thought leadership and practical mastery, and our faculty is committed to sharing this knowledge with you. You will learn from the greatest minds in the field, and not just critical foundational concepts, but also tactical lessons from cutting-edge industry research. This is the MIT Sloan advantage that you carry with you when you embark on your career.

Natalia Dzivakova
MBA '15
Investment Banking Associate,
Morgan Stanley
Recipient of the Head Prize,
awarded to the highest achieving
MBA student in finance at MIT Sloan

"When you're in the Finance Track, you stop thinking about finance purely from a numbers standpoint. You learn you can implement finance for solving different social problems and for creating a positive impact in the world. It's not just about making money for the finance industry.

In my time at MIT Sloan, I learned how to think strategically about things. You learn how to make a merger or acquisition happen, but also learn *why* you make it happen. You're taught to check behind the scenes, to assess the interests of different parties and to understand the dynamic behind all those things.



In some classes that weren't finance focused, I still got to apply financial principles, which was very eye opening. In action learning projects like Global Entrepreneurship Lab (G-Lab), I found I could generate my own ideas and look at finance concepts from a non-finance perspective. All of which has helped me every day in my post-MIT Sloan career."

The Finance Ecosystem

Our robust finance ecosystem features world-renowned research centers and labs, as well as numerous seminars, action learning projects, and professional treks that allow you to expand upon—and put into practice—all you’ve learned in the classroom.



> THE FINANCE TRACK

The Finance Track is an optional certificate program within the MBA program designed to expose students to the institutions and practices of the financial world. Integrated courses and activities serve to ground students in the principles of finance theory and in the application of theory to real problems, as well as provide students with an overview of professional opportunities in finance.

FINANCE + Business



When the principles of finance are firmly imbedded in your mind, you can succeed in any field of finance you choose. You'll have the confidence to employ your knowledge and expertise to think strategically about any challenge—be it an international financing deal or a complex merger. You'll feel you belong in any bank, any board room.



VISITING LUMINARIES

Corporate legend **Jack Welch**, former CEO of General Electric, visited MIT Sloan as part of the popular Dean's Innovative Leader Series. Welch, who previously taught a leadership course at MIT Sloan, offered assembled real-life management lessons, including the importance of "building trust and promoting a culture of alignment" in every organization.

Adetayo Akisanya
MBA '14
Associate, McKinsey & Company

"MIT Sloan has mastered the art of teaching both broadly and deeply. Through the Finance Track, the School provides a solid understanding of the elements of finance, including the way people measure finance, the way people measure productivity and efficiency, and the way people measure the health of a company. That education has helped me to always feel prepared and gives me confidence that I can provide value when working with consulting clients."



Jonathan Dobberstein
MBA '15
Finance Manager, Nike



"Course 15.402 was a transformative experience and reinforced my decision to focus on corporate finance. There are principles and strategies that I learned from that class—and others in the Finance Track—that are constantly reflected in my thinking when I look at specific issues or challenges in my job at Nike."

PATH OF POSSIBILITIES

The breadth and depth of our finance education gives students from diverse backgrounds the opportunity to tailor their course of study and practical experience to achieve their ultimate career goals.

ADAH JUNG
MBA '15

1

Pre-MBA
Research Analyst,
SCS Financial

2

Summer Internship
M&A Intern,
Accelerated MBA Program,
Shell

3

Post-MBA
Manager, M&A and
Commercial Finance,
Shell

➤ ACADEMICS + ACTION LEARNING

15.021 Real Estate Economics

15.426 Real Estate Finance and Investment

15.429 Securitization of Mortgages and
Other Assets

15.434 Advanced Corporate Finance

15.445 Mergers and Acquisitions

15.491 Practice of Finance: Advanced
Corporate Risk Management

15.S09 Practice of Finance: Corporate
Boards: Their Functions and
Responsibilities

15.452 Proseminar in Corporate Finance/
Investment Banking



REAL-WORLD REAL ESTATE

The pioneering research at the Center for Real Estate investigates real estate transactions from initial concept to market reality, providing breakthrough knowledge to help organizations capitalize on today's dynamic markets and technologies.

At right, at a fireside chat organized by the MIT Real Estate Club, Sam Zell, founder and chairman of Equity International, talks about his firm's focus on building the real estate business in emerging markets.



NEW YORK BANKING DAY

New York Banking Day gives first-year MBAs an opportunity to learn about investment banking firsthand. While visiting multiple investment banks in New York City, MBA students have the opportunity to attend presentations by industry leaders, alumni panel discussions, and lunch meetings. Through interactions with MIT Sloan alumni and corporate recruiters, students make important connections to support their summer internship searches.

At left, MIT Sloan students join the hustle and bustle of New York City during the annual New York Banking Day trip.

FINANCE TREKS

MIT Sloan's many finance-related student clubs organize a series of trips and treks that offer students valuable opportunities to see financial concepts at work in existing businesses, as well as speak to the most renowned names in the industry.

At right, MIT Sloan students with Warren Buffet at his Berkshire Hathaway headquarters in Omaha, Nebraska, as part of the annual Buffet Trek. The trek, sponsored by the Investment Management Club, features a Q&A with the esteemed Oracle of Omaha.



> ACADEMICS + ACTION LEARNING

15.433 Financial Markets

15.437 Options and Futures

15.438 Fixed Income Securities
and Derivatives

15.447 International Capital Markets

15.467 Asset Management, Lifecycle
Investing, and Retirement Finance

15.481 Financial Market Dynamics
& Human Behavior

15.490 Alternative Investments:
Hedge Funds and Private Equity

15.493 Perspectives on Investment
Management

15.451 Proseminar in Capital Markets/
Investment Management



CONNECTING ENTREPRENEURS AND VCS

The annual MIT Venture Capital Conference brings together venture capitalists, rising entrepreneurs, industry leaders, and student innovators to discuss current opportunities and challenges in venture capital investing. This diverse group allows for unique perspectives on current developments in venture capital—and industry as a whole. Attendees can also experience the innovative, disruptive technologies coming from MIT and the broader entrepreneurial ecosystem.

At left, panelists at the 18th Annual MIT Venture Capital & Innovation Conference explore the event's theme, *Seeking Disruption: Investing in Innovation*.

FINANCE

+ Investing

(ASSET
MANAGEMENT)

(TRADING)

(HEDGE
FUNDS)

(ALTERNATIVE
ASSETS)

(VENTURE
CAPITAL)

(PRIVATE
EQUITY)



How do you raise the money to finance a new venture? How do you best manage—and grow—the funds in your company’s portfolio? How do top asset management firms identify new growth opportunities? Whichever end of the deal you want to be on, MIT Sloan’s diverse and rigorous finance offerings will get you there.

VISITING LUMINARIES

Practicing industry experts such as **Seth Alexander** give students access to both the theoretical principles and real-world applications of finance. Alexander serves as president of the MIT Investment Management Company, which manages the Institute’s endowment and other financial assets. He spoke to students about MITIMCo’s investment strategies and team structure.



Stacy Shi MBA '14 Portfolio Manager, PIMCO



“The Finance Track prepared me very well for my career in investment management. With the variety of courses they offered, I was able to tailor my experience to the areas of finance in which I was most interested. The Investment Management Club was also an important source of information for me when I was learning more about the industry and trying to understand what the recruitment process was like.”



ADVOCATE FOR WOMEN

MIT Sloan is a founding sponsor of the Forté Foundation, a consortium of corporations, business schools, and nonprofits aimed at directing talented women towards leadership roles in business. For women interested in a career in asset management, Forté provides one-on-one mentorship, resume building instruction, and assistance in building interview skills.

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TIM GEOFFRION
MBA '15

1

Pre-MBA
Private Equity
Associate,
Calera Capital

2

Summer Internship
Summer Associate,
Norwest Equity Partners

3

Post-MBA
Private Equity
Senior Associate,
Norwest Equity Partners



Antoinette Shoar
The Michael M. Koerner (1949)
Professor of Entrepreneurship and
Professor of Finance

Much of Antoinette Schoar's work focuses on the role of finance for entrepreneurship and innovation, which allows her to provide a unique perspective on entrepreneurial finance in the classroom. Professor Schoar, who serves as the Finance Group's faculty head, has focused her research on entrepreneurial finance and consumer finance. She recently developed a new course, FinTech Ventures, that brings industry experts and academic presenters into the classroom and features students working in teams to develop their own new business plans around fintech.

Carlos Sanchez Altable
MBA '16



"I wanted to look at finance from a different perspective—and that's just what they offer at MIT Sloan. We have one of the best finance departments in the world, and a full campus of world-class technologists. And then there's MIT Sloan's long, storied legacy of entrepreneurship. As a result, MIT Sloan is uniquely positioned at the intersection of fintech—and to teach us how to tackle the challenges the industry is seeing."

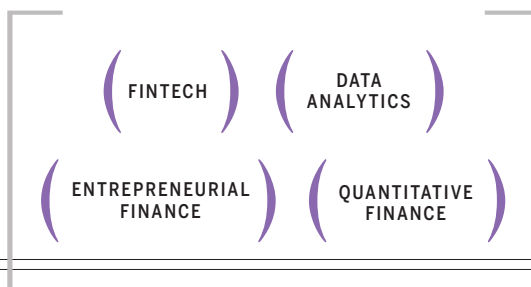


VISITING LUMINARIES

Brian Forde, who is the MIT Media Lab's director of digital currency, presented to MBA students about digital currencies, namely Bitcoin, the impact of this technology, and the ways in which it is poised to make a dramatic impact on people's lives over the next decade.

The goal of the Media Lab Digital Currency Initiative is to bring together global experts—in areas ranging from cryptography, economics, privacy, and distributed systems—to take on this important new area of research. The initiative fosters collaborations with leading experts across campus and around the world.

FINANCE + **Innovation**



If you're interested in fintech or entrepreneurial finance, MIT Sloan is the place to be. With a world-renowned entrepreneurial ecosystem as your training ground, you'll receive an education in finance as innovative as it is rigorous. In essence, everything you need to get your next great idea financed.



➤ ACADEMICS + ACTION LEARNING

15.431 Entrepreneurial Finance

15.450 Analytics of Finance

15.460 Financial Engineering

15.497 Algorithmic Trading and
Quantitative Investment
Strategies

15.S26 Data Technologies in
Quantitative Finance

MAS.S63 Future Commerce:
Rebooting Markets, Money
Transactions, and Security

15.S09 FinTech Ventures

BIGDATA@CSAIL

The Big Data Initiative tackles the growing challenge of data that is too big to process and manage. Among Big Data's areas of focus are banks and other financial organizations that have vast quantities of data about consumer spending habits, credit card transactions, and financial markets, all of which requires complex analytics. The initiative's ultimate goal is to create a world where data will be used to make wise decisions.

At right, students attend one of the Bigdata@CSAIL Lecture Series events, featuring leaders from the world's biggest data management companies, including SAP, Microsoft, EMC, and Google.



THE MIT \$100K ENTREPRENEURSHIP COMPETITION

The \$100K is just one of many competitions—held at MIT or at other management schools and organizations around the world—that MIT Sloan students may participate in to test out their ideas and their mettle.

At right, at the 25th annual \$100K Competition, Raptor Maps, a startup building and operating drone technology aimed at feeding a growing world population, was awarded grand prize.





LESSON IN LENDING

In September 2015, The MIT Center for Finance and Policy (CFP) hosted a conference in Cambridge, Mass., to discuss best practices and challenges facing lending practitioners and the U.S. Federal Government.

At left, School of Management Distinguished Professor of Finance and Nobel Laureate Robert Merton speaks to an audience from several federal lending agencies, including the Small Business Administration, Department of Agriculture, Department of Energy, and Department of Housing and Urban Development.

Jonathan A. Parker Robert C. Merton (1970) Professor of Finance

Jonathan Parker is an expert in finance, macroeconomics, and household behavior. He has published widely on topics such as macroeconomic risks and asset returns, fiscal stabilization policy, national saving, household financial decisions, the measurement of business cycles, and modeling human economic behavior.

Professor Parker serves as codirector of the MIT Center for Finance and Policy. His current projects include the efficacy of recent policies like economic stimulus payments and the 'Cash for Clunkers' program.



THEORY AND PRACTICE

The Finance Research Practicum™ provides students with a meaningful opportunity to work with leading industry practitioners on important topical finance problems, while helping them to bridge the gap between theory and practice, and introducing them to the broader financial community.

At right, Practicum students work to assist State Street Global Advisors on a project that explored China's international economic policy and its implications for international investors.



FINANCE + Policy

(GOVERNMENT)

(REGULATORY
AGENCIES)

(CENTRAL
BANKS)

(GLOBAL
FINANCIAL
ORGANIZATIONS)

(PUBLIC
INVESTMENT
ENTITIES)



Our faculty thought leaders are committed to providing you with a relevant, principled education that will help you to contribute to the world's financial system in a positive way. Learn how to advise policy makers and regulators in making better decisions and to help governments and the global finance community avoid the mistakes of the past.

VISITING LUMINARIES

Barney Frank, former chairman of the House Financial Services Committee and key architect of the Dodd-Frank Act, spoke to students as part of the MIT CFP's Distinguished Speakers Series. Frank discussed risk retention, the world of derivatives and credit default swaps, and the success of the Dodd-Frank Act's Consumer Financial Protection Bureau.



Valerio Riavez MBA '16



"As one of the organizers of the Finance and Policy Club's DC Trek, I led a group of students to meet with organizations such as the World Bank, IFC, and the Federal Reserve Bank. It was a unique opportunity to discuss the most relevant topics in macroeconomics and international development with the key players, and to learn more about career opportunities in this area of finance."



ACADEMICS + ACTION LEARNING

15.037 Energy Economics & Policy

15.466 Functional & Strategic Finance

15.S08 Consumer Finance and Financial Products

15.S14 Central Banks, Monetary Policy, and Global Financial Markets

PATH OF POSSIBILITIES

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MENG LIU
MBA '13

1

Pre-MBA

Assistant Vice President,
Regulatory Compliance,
Bank of America Merrill Lynch

2

Summer Internship

MBA Summer Intern,
NewQuest Capital
Partners

3

Post-MBA

Associate Investment
Officer, International
Finance Corporation (IFC)

FINANCE + Impact

(HEALTHCARE
FINANCE)

(ENERGY
FINANCE)

(IMPACT
INVESTING)



Finance is not just for maximizing financial returns or enlarging a stock portfolio. It's about channeling funding to make a positive difference in the world. Here, you'll learn the principles of finance and how to apply them creatively to generate meaningful social impact.



POLICY AND POWER

The MIT Center for Energy & Environmental Policy Research (CEEPR) carries out research on energy and environmental policy to inform decision making by government and industry. CEEPR provides independent, data-driven analysis on policy issues related to coal, oil, gas and electricity, nuclear power, transport, infrastructure, investment finance, and risk management as well as the multiple environmental dimensions of energy generation, distribution, and use.

MaryEllen Kwasié
MBA '16



"By combining the Sustainability Certificate with the Finance Track, I am able to fulfill my goal of leaving business school with both strategic and tactical knowledge of how finance works, while at the same time providing positive impact and having the confidence to solve real-world problems."



VISITING LUMINARIES

Former Massachusetts' Governor **Deval Patrick** joined the MIT Innovation Initiative for the Spring of 2015 as a visiting scholar. While on campus, Patrick gave a highly interactive presentation to students on his work at Bain Capital, as well as discussing how students can grow their businesses by focusing on investing for social impact.

PATH OF POSSIBILITIES

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**MATT
STRANGFELD**
MBA '15

1

Pre-MBA

Equity Derivatives Associate,
Lehman Brothers/
Barclays Capital

2

Summer Internship

Intern in Leadership
Development Program,
DuPont

3

Post-MBA

Associate, Finance and
Development Leadership
Program, Bechtel Enterprises



STUDENT-LED ACTIVITIES

MIT Sloan's many student-led events highlight the strong commitment our students have to addressing the most important issues of the day. Through various conferences and other events, students bring together thought leaders, industry power players, and policy makers to exchange ideas and identify solutions.

At left, the 2015 MIT Sustainability Summit, entitled "Farming, Food, and the Future," focused on the complex problems facing local and global agriculture systems.



Andrew W. Lo
Charles E. and Susan T. Harris
Professor and Professor of Finance

Andrew Lo is a thought leader in the field of finance. In addition to his work on evolutionary models of behavior and adaptive markets, systemic risk, and the dynamics of the hedge fund industry, Lo is committed to using finance to have a positive impact on the world, particularly in the field of biomedicine. By applying financial engineering techniques such as portfolio theory and securitization to funding cancer drug development, Lo has shown that finance is not necessarily a zero-sum game and that investors can do well by doing good.

> ACADEMICS + ACTION LEARNING

- 15.141 Economics of Healthcare Industries
- 15.218 Global Economic Challenges and Opportunities
- 15.232 Business Model Innovation: Global Health in Frontier Market
- 15.385 Social Innovation and Entrepreneurs
- 15.482 Healthcare Finance
- 15.913 Strategies for Sustainable Business
- 15.233 Global Health Lab
- 15.366 Energy Ventures
- 15.915 Laboratory for Sustainable Business



FINANCE + You

At MIT Sloan, finance is for everyone—and finance intersects with almost everything. Whether your passion lies in the traditional financial sector or you are looking to forge a path in innovative new markets or technologies this is the program that supports and empowers you to find your way.

For more information on the Finance Group at MIT Sloan:
mitsloan.mit.edu/group/finance

For more information on MIT Sloan MBA Admissions:
mitsloan.mit.edu/mba/admissions







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