

# STERN

THE LEONARD N. STERN SCHOOL OF BUSINESS AT NEW YORK UNIVERSITY

PhD program

New York University

*New York University*

# Contents

<b>A Message from the Dean</b>	<b>1</b>
<b>Program Overview</b>	<b>2</b>
<b>Financial Aid</b>	<b>4</b>
<b>Admissions</b>	<b>5</b>
<b>Faculty</b>	<b>5</b>
<b>Application Procedures</b>	<b>5</b>
<b>GMAT</b>	<b>5</b>
<b>TOEFL</b>	<b>5</b>
<b>Timing of Admissions Decisions</b>	<b>7</b>
<b>Prerequisites</b>	<b>7</b>
<b>Research Skills Methodology Courses</b>	<b>7</b>
<b>Specialization</b>	<b>7</b>
<b>Comprehensive Examination</b>	<b>7</b>
<b>Dissertation</b>	<b>8</b>
<b>English Proficiency</b>	<b>8</b>
<b>Time Limits and Residency</b>	<b>8</b>
<b>Rules and Regulations</b>	<b>8</b>
<b>Library Facilities</b>	<b>9</b>
<b>Computing</b>	<b>10</b>
<b>Research Centers and Institutes</b>	<b>11</b>
<b>University and Off-Campus Housing</b>	<b>12</b>
<b>Sports and Recreation</b>	<b>12</b>
<b>Faculty and Areas of Specialization</b>	
<b>Accounting</b>	<b>15</b>
<b>Economics</b>	<b>17</b>
<b>Finance</b>	<b>20</b>
<b>Information Systems</b>	<b>24</b>
<b>International Business</b>	<b>26</b>
<b>Management</b>	<b>28</b>
<b>Marketing</b>	<b>32</b>
<b>Operations Management</b>	<b>35</b>
<b>Statistics and Operations Research</b>	<b>37</b>

---

# A Message from the Dean

---

George Daly,  
*Professor of Economics*  
*and Dean of the*  
*Stern School of Business*

In what sort of environment do forward-thinking individuals thrive? What options are there for the person who seeks intellectual challenge and institutional support for their research mission? In the increasingly competitive world of scholarship, success will come to individuals who possess abundant energy and creativity and a love of learning that will guide a lifetime of disciplined inquiry.

At the Stern School of Business at New York University, we provide exceptional students with the theoretical and methodological skills necessary to lead the world of business to the frontiers of knowledge. We provide these skills within the framework of a world-class research university and amidst the

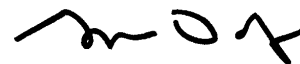
dynamic, global marketplace that is New York City. Our faculty, which numbers more than 200, is highly regarded around the globe for its contributions to current business knowledge and their creative solutions to pressing problems.

The institution at which you choose to pursue your PhD is critical to the successful launch of your career as a scholar. As dean of the Stern School, I believe that our unique combination of enviable location, highly regarded faculty and university-wide respect for research makes this a truly special place to live and work.

I invite you to carefully study the information in this book. As you launch your doctoral studies, consider the community within which you wish to work. Review the testimonials from peers and faculty, weigh the support provided and track the career paths of those who have gone before you.

A PhD from Stern opens doors worldwide. If you believe that you possess the drive and the talent to pursue a career in scholarship, and share the Stern School's commitment to excellence, we invite you to apply.

Sincerely,



**George Daly**  
Dean, Stern School of Business



# Doctoral Program at the Stern School of Business

2

## Overview

*The doctoral program  
at New York University's  
Stern School of Business  
prepares students for faculty  
positions at the finest  
universities in the world.*



The doctoral program at New York University's Stern School of Business prepares students for faculty positions at the finest universities in the world. In choosing among doctoral programs, the most important characteristic you should examine is each school's research environment and output. We feel Stern is second to none. Six of Stern's departments have been ranked within the top five of all business schools in research output. Within the last five years, three departments have been ranked No. 1. In addition, 58 of Stern's faculty members are on editorial boards of leading research journals.

The considerable size of Stern's faculty ensures that whatever your research focus may be and however it may change in the future, you will have distinguished faculty members who can train you and share your interests. This atmosphere is different from schools with small departments, where the students' research is dictated by the special interests of the small number of faculty in each area.

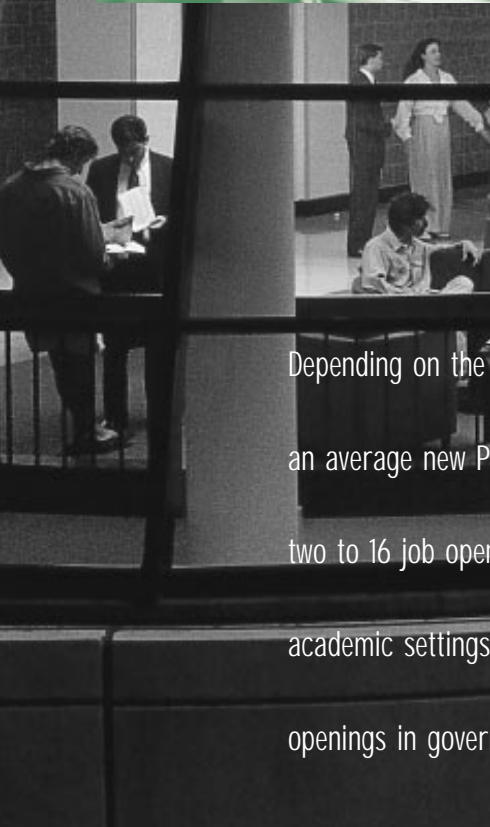
Stern gives doctoral students the best of both worlds – in each area the doctoral program is kept small and intimate, enabling each student to receive personalized attention, yet the school's size allows for a large number of specialized PhD courses.

Stern's location in New York City also has special advantages for doctoral students. First, Stern students, through contacts developed by the faculty, have access to data that would not be available to students at other schools. Stern has access to

the most comprehensive databases, a situation that becomes crucial in writing dissertations. Stern's location and large MBA student body keep faculty in close contact with real-world problems, constraints and conditions, all of which are helpful to students working on dissertations.

We believe the faculty at Stern is the most international of the leading business schools. To get an idea of the international character of the faculty, examine the undergraduate degrees of the faculty shown in the last section. The international background of the faculty broadens the scope of the PhD experience because different viewpoints, perspectives and institutional settings are presented in each course.

All doctoral students are fully funded for up to four years of their studies; further financial aid as well as teaching opportunities are available for fourth- and fifth-year students. Stern is proud of its placement record of PhD graduates. Among them are the present chairman of the Federal Reserve Board, as well as faculty at Stanford, Harvard, Yale, Berkeley, Brown, Carnegie Mellon, Chicago, Columbia, Cornell, Duke, McGill, Michigan, Temple, Toronto, UCLA, and the National University of Seoul.



Depending on the field of specialization, an average new PhD can choose from two to 16 job openings in American academic settings and many more openings in government and industry.

## Financial Aid

Applicants to the doctoral program are not required to complete a financial aid application. All accepted students not receiving aid elsewhere can expect to receive financial aid. Financial assistance is merit-based. The normal aid package is tuition plus fellowships and research assistantships. In 1997-1998, the aid package which included a research assistantship

and a fellowship was approximately \$18,000 plus free tuition. Financial aid has normally increased each year. Information about the current aid package is available on the World Wide Web, <http://www.stern.nyu.edu/Academic/PhD.html>.

Full-time research assistants must work 10 hours per week for 11 months in their first year and 20 hours thereafter. In the fourth year all students teach one term instead of serving as research assistants. Half-time appointments are possible, as are appointments for less than 11 months. Financial aid is normally guaranteed for up to four years. Fifth-year aid is available on a competitive basis.

## Placement

Stern's Doctoral Office maintains files with position announcements for academic institutions. However, most candidates seeking an academic position are likely to be placed with the assistance of their principal faculty advisers.

The academic job market for holders of doctoral degrees in business remains strong. The opportunities open to a particular candidate at NYU depend, of course, on that candidate's field and personal qualifications. A PhD degree in business opens up numerous job opportunities. Applicants should know that the PhD is primarily intended for people interested in academic jobs. Depending on the field of specialization, an average new PhD can choose from two to 16 job openings in American academic settings and many more openings in government and industry. Starting salaries have risen over 30 percent in three years. Four-fifths of the recent PhDs from Stern have taken jobs at universities. Other recent graduates work as researchers for The International Monetary Fund, The World Bank, The Board of Governors as well as banks of the Federal Reserve System and the Government of India.



# Doctoral Program

## Admissions

Because of our focus on excellence, we admit only a small number of students, who are admitted for classes that start in the fall. Normal class sizes are 20-25 students.

The deadline for applications is February 1. Although a few students have completed all requirements in as little as three years, most students have averaged four to five years.

Previous graduate work is not an admission requirement. Students with a bachelor's degree are eligible to apply. Doctoral level courses taken elsewhere, if equivalent to courses required by Stern, will be credited. Within the framework of the general requirements, programs of study are designed to fit individual interests.

## Faculty

Stern's faculty, comprised of more than 200 full-time and nearly 90 adjunct members, include Nobel laureates, members of the National Academy of Science, prizewinning authors and dozens of scholars whose research interests and teaching skills have been recognized worldwide.

Our faculty rank highly for published work and are regularly sought as consultants by The World Bank, General Electric, AT&T, General Motors and others. They come from all over the world, bringing a wealth of international knowledge to Stern.

## Application Procedures

An application or further information can be obtained by writing to:

### Doctoral Office

Stern School of Business  
New York University  
40 West 4th Street, Suite 8-11  
New York, NY 10012-1118

Or call: 212-998-0740

Or from the Internet by connecting to the Stern website at:

<http://www.stern.nyu.edu/>

The application deadline is **February 1**. All recommendations, GMAT transcripts and other credentials should also be filed by this date. Late or incomplete applications will not be considered. All applicants are required to take the Graduate Management Admission Test (GMAT) or the Graduate Record Examination (GRE) in time for the results to reach the Doctoral Office by the application deadline. The one exception is that we do reserve a few spots for candidates who take the test in January. However, we urge you take it as early as possible. The GMAT is preferred. The test must have been taken within the last five years. International applicants whose native language is not English are required to take the Test of English as a Foreign Language (TOEFL) and the Test of Spoken English (TSE) is recommended. Applicants who have completed a year of course work at a U.S. university are waived from taking

the TOEFL. There are absolutely no other waivers for the GMAT (or GRE) and TOEFL requirements. A separate application for financial aid is not required because all students admitted to Stern who are not supported elsewhere are fully supported for up to four years.

For information on these tests, write to the Educational Testing Service, Princeton, NJ 08541. The applicant should request that the Educational Testing Service send his or her official test scores to:

### Doctoral Office

Stern School of Business  
New York University  
Tisch Hall  
40 West Fourth Street, Suite 8-11  
New York, NY 10012-1118

\* The PhD program uses ETS reporting number 2586 for the GMAT and TOEFL and 2582 for the GRE.





Quality research is a benchmark of excellence in the academic world.

At Stern, state-of-the-art research is conducted by five centers and two institutes whose cumulative work is second to none.

## Timing of Admissions Decisions

The PhD Admissions Committee begins reviewing applications in February. Once we receive all of your materials, we will acknowledge receipt of your application.

Incomplete applications will not be reviewed, nor will application fees be waived. If you send us missing materials too late to be considered for the year for which you are applying, we will ask you if you wish to be considered for the subsequent year.

## Prerequisites

- integral and differential calculus
- matrix algebra or linear algebra
- microeconomics and macroeconomics
- financial accounting
- psychology or sociology

Every student must satisfy the prerequisites of calculus, matrix algebra and economics (micro- and macro-) before beginning doctoral study. A student need not have fulfilled these requirements before applying. For those with deficiencies in calculus, matrix algebra, microeconomics or macroeconomics, the normal procedure is to take courses to correct the deficiencies in the summer before enrollment. A student can correct a deficiency in accounting, psychology or sociology during the first year of study. Each student must demonstrate competence in computer skills.

All students need to obtain a high degree of computer literacy early in the program. They need to be familiar with word processing and spreadsheet software before they enter the program and have enough familiarity with computers to enable them to learn quickly the specialized software applications used early in the program.

## Research Skills Methodology Courses

Doctoral study begins with three research skills methodology courses. The student must demonstrate competence at the PhD level in probability, statistics and microeconomics. Previous doctoral-level work may enable a student to waive or test out of basic research skills methodology courses.

## Specialization

Each area has a separate set of course requirements that are described in the following sections.

Each student must designate a major field when applying for admission. Stern offers specialization in seven functional subjects: accounting, economics, finance, information systems, management, marketing and statistics/operations research. In addition, all fields just mentioned are available as joint majors with international business.

Each program of study must incorporate the three research skills methodology courses, seven courses in the major field, four electives and 18 points of dissertation seminars.

The program of study for an international business major must include three courses of basic research skills methodology courses,

five courses in international business, five courses in a co-major field, one course to be approved by the area coordinator and 18 points of dissertation seminars. Two doctoral seminars are required.

The required doctoral seminars may be either research-oriented project seminars, in which the student undertakes independent research and writing, or reading seminars, in which the student analyzes and discusses advanced professional literature.

If the director of the doctoral program and the relevant major field advisers agree, a program of study may include previous work at NYU or other universities. Every student must, however, complete at least 33 points of course work at Stern.

## Comprehensive Examination

After completing all or nearly all course work, each student takes a comprehensive examination that consists of a written section covering the major field and an oral section covering both the major and elective fields. A student must take the comprehensive examination within one year of completing the program of study and must pass the comprehensive examination within four years of entry into the doctoral program. After passing the comprehensive examination and completing all required course work, a student can apply for and receive, a Master of Philosophy degree.

# Doctoral Program

## Dissertation

The doctoral program concludes with a student's writing and defending a dissertation. The student works with a dissertation committee consisting of a chairperson and at least two other faculty members. Usually, the chairperson and one committee member represent the major field, and the other committee member represents an elective.

While planning and conducting dissertation research, the student must enroll in 18 points of dissertation seminars. These seminars are conducted individually with members of the dissertation committee and offer the student opportunities to discuss progress and to seek guidance.

After completing at least nine points of dissertation seminars, but before completing half of the planned dissertation research, the student presents a dissertation proposal to an advisory panel. This panel includes the intended dissertation committee plus two additional faculty members chosen by the area coordinator. The area coordinator usually chooses one adviser who represents the major field and one

who represents an elective field. Before the Doctoral Office will schedule the presentation, the prospective chairperson of the dissertation committee must state that the proposal is sufficiently well-developed to justify a formal presentation.

After the proposal presentation, the student prepares a memorandum summarizing the discussion and specifying how the proposal has been revised to remedy defects or to implement suggestions. This memorandum is then circulated to all members of the advisory panel; if this is approved, the student can proceed.

After all members of the dissertation committee have read the dissertation and the committee's chairperson states that the committee members anticipate no major revisions or problems, the Doctoral Office schedules a public defense. The student will then defend the completed work at a public meeting attended by the committee and by other interested professors and students.

## English Proficiency

In addition to passing the TOEFL, an international student whose native language is not English must pass NYU's English proficiency test at the time of admission to the doctoral program. NYU's American Language Institute administers the English proficiency test and recommends remedial courses for those students who do not receive passing grades. Students with serious deficiencies in English must

correct these before enrolling in courses at NYU, and students with moderate deficiencies may take no more than nine points of course work until they reach the required standard.

Students should be proficient enough to teach an MBA course by the end of the first year. Those unable to meet this requirement are unlikely to be admitted.

## Time Limits and Residency

A student should pursue the doctoral degree with strong commitment. Students who extend the doctoral program are less likely to complete it. In addition, if several years pass after the courses have been completed, it is likely that some knowledge will have become outdated. Therefore, every student must pass the comprehensive examination by the fall of the third year after starting the program, defend a dissertation by the end of the fourth year and complete all degree requirements within six years and maintain continuous matriculation.

## Rules and Regulations

Course requirements, time limits and other procedures are thoroughly explained in the Doctoral Handbook. Each doctoral student should obtain a copy and use it as a reference.



## **Elmer Holmes Bobst Library and Study Center**

With nearly two million volumes, The Elmer Holmes Bobst Library and Study Center offers a wide variety of resources.

The Business Reference Center, located on the 6th floor of Bobst, contains thousands of general and international business reference volumes, as well as annual reports and 10-K statements for all NYSE and amex companies. You'll find both current and retrospective business indexes in print and electronic formats. In addition, you can access such on-line search services as Dow Jones News Retrieval, RLIN and DIALOG.

On ten floors of open stacks, you'll find a wide range of books and periodicals. In addition, the microfilm collection on level A contains thousands of volumes of journals, newspapers and rare books.

Course-required reading is available at the Bobst Reserve Desk, located on level A.

A computerized catalog, known as Bobcat, lists all books, journals and reserve materials available in the library. Bobcat terminals are located throughout the library for quick access and it's also available remotely. Bobcat bulletin No. 2 provides information on how to connect from office or home. The card catalog on the main floor lists the rest of the holdings. UNISEC, a computerized printout, lists periodicals.

There are study areas on every floor and reading rooms overlook Washington Square on floors 4, 6, 8 and 10. Special study areas remain open after the library closes. There is a copy center on level A, and there are photocopy machines on most floors. Special personnel assist students with disabilities. Reading equipment for the visually impaired is in the Microcomputer Center, level B.

You'll find another million-plus volumes in more specialized NYU libraries at the Institute of Fine Arts, Courant Institute of Mathematical Sciences, School of Medicine, College of Dentistry and School of Law.

You'll also have access to all of the NYU-affiliated libraries. This extended library system has over three million volumes.





## Computing at Stern

Computer labs and electronic classrooms offer approximately 200 Pentium-based personal computers running a variety of Windows 95 software, including Microsoft Office 97 for word processing, spreadsheet analysis and database management, MINITAB for statistical analysis and Lindo for linear programming, along with many other programs for student use. All PCs are networked and provide access to our time-sharing systems and laser printers.

All doctoral students have a personal computer assigned to them. About 20 new machines are bought each year for doctoral use. In addition, there are two main time-sharing systems for students: trader and sales. These systems are Sun SPARC machines running Soloris, Sun Microsystems's version of the UNIX operating system. All entering graduate students automatically receive accounts on trader and sales. The time-sharing systems provide e-mail and a variety of applications software, including SAS and SPSS for statistical analysis, C, FORTRAN and economic and financial databases such as Citibase, Compustat and CRSP.

Stern offers free seminars on software applications at the start of each semester.



## Research Centers and Institutes

Quality research is a benchmark of excellence in the academic world. At Stern, state-of-the-art research is conducted by five centers and two institutes whose cumulative work is second to none. Frequent conferences sponsored by the centers attract international scholars and practitioners, and the proceedings are widely disseminated in books, monographs and journals – both in the United States and abroad.

The New York University Salomon Center is one of the nation's oldest and most highly respected centers for investigating the behavior of financial institutions and markets. Over the years it has sponsored groundbreaking research, publications and important national conferences on such issues as corporate governance, financial restructuring and bankruptcy; technology and the regulation of financial markets; and the use of financial futures and options on institutional portfolio management. The center awards annual prizes for the best student research in finance, financial economics and international business.

The Center for Japan-U.S. Business and Economic Studies is one of the first university-based organizations in the world to promote greater cooperative efforts between Japan and the United States. Through research, conferences and publications, the center seeks to create a better understanding of the business and economic systems of both nations and to improve U.S.-Japanese trade relations. Recent conferences have addressed U.S.-Japan relations during times of economic turbu-

lence and other major issues.

The Berkley Center for Entrepreneurial Studies advances the practice of entrepreneurial management through research, education and publications. Activities include seminars for entrepreneurs at different stages of business development; joint sponsorship with the Wharton School of *The Journal of Business Venturing* a publication initiated by CES; a program for not-for-profit entrepreneurship; and provision of assistance to new or prospective entrepreneurship courses as part of the MBA curriculum, which supports research assistantships and offers cash prizes for the best student business plans.

The Center for Research on Information Systems is dedicated to supporting innovation in information systems. Its goal is to strengthen ties between academic research and industry through conferences, working papers and publications. The center's research ranges from highly technical areas in computer science to organizational problems of information technology and management strategy. Researchers also tackle interdisciplinary problems in areas ranging from artificial intelligence and database communications to corporate strategy and cognitive psychology.

The L. Glucksman Institute for Research in Securities Markets provides grants to faculty and students interested in researching stocks, bonds, futures and options and the markets in which they are traded.

The Vincent C. Ross Institute of Accounting Research conducts large-scale research studies on topics of interest to financial and management accounting. It sponsors conferences for senior financial executives seeking solutions to the problems of internal control, financial reporting and globalization of accounting. The institute also publishes *The Journal of Accounting Auditing and Finance*, a leading accounting journal.

The NYU Center for Law and Business, a joint venture of the Stern School and the NYU School of Law, encourages and facilitates cross-disciplinary contributions to scholarly research, to teaching and to policy advisory activities relating to the legal structure and regulation of markets and of other economic institutions, including transactions and organization form. The center also provides opportunities for professional and scholarly interactions between academics and leading legal, investment banking and business professionals through seminars, colloquiums and conferences.



## University and Off-Campus Housing

If you're a full-time, unmarried student, you can get housing at NYU. We offer unfurnished studio apartments, furnished two- or three-bedroom graduate units and leased apartments in Greenwich Village, on a first-come, first-served basis. We also have furnished apartments next to NYU's Kriser Dental Center and Medical Center in midtown. Married students generally find off-campus housing.

As a PhD candidate, you can live in graduate housing for a limited period of time.

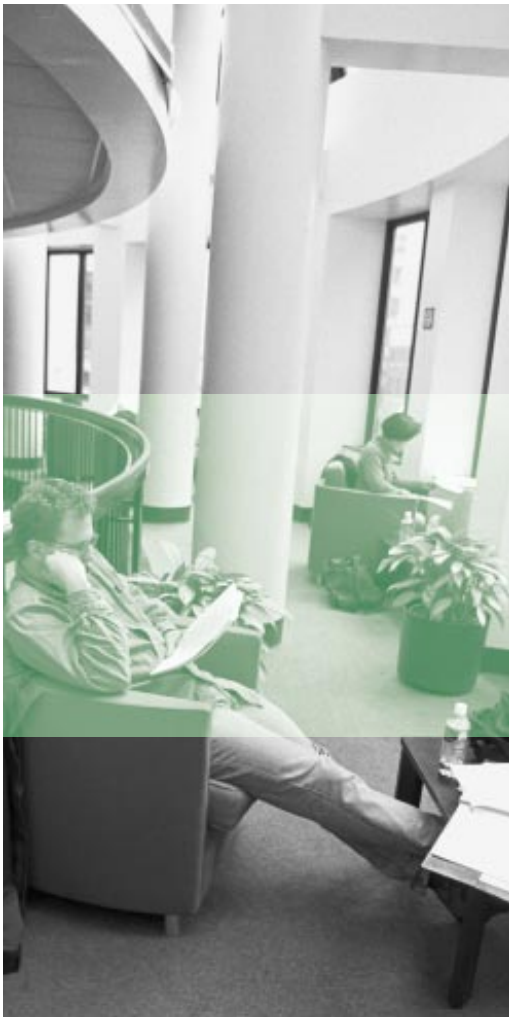
Most Stern student residences consist of two-, three- and four-person suites with private bedrooms, a shared kitchen and a common area. We also have shared studio space. You can choose a nine-month or one-year contract. To be considered for university housing, you need to complete and submit your application along with the housing deposit to the University Housing Office before the deadline in June. You will automatically receive housing information after your offer of admission is extended.

## Sports and Recreation

As a Stern student, you'll have free use of the Jerome S. Coles Sports and Recreation Center, one of the largest, most modern and best-equipped physical fitness facilities in New York City. It offers an array of athletic facilities, including Nautilus weightlifting equipment, six outdoor tennis courts, an NCAA regulation swimming pool and diving tank, outdoor running track, five basketball courts, fencing and wrestling rooms, six squash courts and five handball/racquetball courts.


The center teaches a wide variety of sports and other activities, including tennis, racquetball, squash, swimming, aerobic dancing, weight training, basketball, martial arts and yoga.

You can also unwind through intramural sports and tournaments. Stern has clubs for skiing, running, golf, tennis, racquetball, volleyball and basketball.





Stern's faculty includes Nobel laureates, members of the National Academy of Science, prizewinning authors and dozens of scholars whose research interests and teaching skills have been recognized worldwide.

  
STERN  
The Leonard N. Stern  
School of Business  
New York University



→ define bus. → preserve  
 no "hi-tech"  
 (in the hand of supply)  
 → pressure  
 Basic Finl Skills  
 (eg. TQM  
 Financial act  
 Capability vs Core Competencies  
 Skill  
 → mi  
 need to Capu  
 Competitive  
 → creating  
 character  
 → manage  
 Ch



# *Faculty and Areas of Specialization*

## Eric Abrahamson

Professor, Graduate School of Business,  
Columbia University

*Stern School's PhD program offered me tremendous exposure to a very broad range of faculty, with different skills, knowledge bases and orientations.*

*The faculty imposes an amazingly high standard of what constitutes good research. They provided a balanced emphasis on both writing theory and doing empirical research. Importantly, they encouraged me to develop my own stream of research – not anybody else's.*

*This inculcates long-term skills that serve you really well as you begin your career.*



The Stern School's department of accounting offers a premier academic accounting program. The department edits and publishes one of the top five academic accounting journals, the *Journal of Accounting Auditing and Finance*, and members of our accounting faculty publish in such leading academic journals as the *Journal of Accounting Research*, the *Journal of Accounting and Economics* and the *Accounting Review*.

Faculty members have diverse interests spanning all areas of accounting research and education, from financial to managerial to taxation. Furthermore, the department maintains extremely close relationships with the accounting profession and annually co-sponsors seminars and conferences with leading professional firms and organizations.

The Stern School is an active and exciting place to pursue a PhD in accounting.

## Baruch Lev

blev@stern.nyu.edu

Coordinator for Accounting PhD Program;  
Philip Bardes Professor of Accounting  
and Finance

Bac (1963) Hebrew University

PhD (1969) University of Chicago

*Research interests include the use of financial information in investment decisions, corporate governance issues, financial derivatives and corporate disclosure.*

## Kashi R. Balachandran

Professor of Accounting

BE (1962) University of Madras

PhD (1968) University of California,  
Berkeley

*Research interests include managerial accounting for firms with new manufacturing processes, management science applications in accounting, information economics, transfer pricing under uncertainty, stochastic processes and costs in service centers.*

## Eli Bartov

Assistant Professor of Accounting

BA (1977) Tel Aviv University

PhD (1989) University of California,  
Berkeley

*Research interests include efficiency, international accounting and earnings management.*

## John Bildersee

Professor of Accounting

AB (1966) Princeton University

PhD (1971) University of Chicago

*Research interests include managerial and financial accounting, corporate finance.*

*Member of the Editorial Board of the Journal of Economics and Business.*

## Richard Brief

Professor of Accounting and

Business Statistics

AB (1955) Dartmouth College

PhD (1964) Columbia University

*Research interests include accounting history and the development of accounting thought, accounting theory and income measurement.*

**Paul Brown**

Chairman, Department of Accounting; Associate Professor of Accounting; CPA AB (1972) Franklin and Marshall College PhD (1979) University of Texas-Austin  
*Research interests include policy formation and analysis, behavioral dimensions of accounting and auditing financial statement analysis and internal reporting standards and practices. Editor, The Journal of Financial Statement Analysis.*

**Jeffrey Callen**

Professor of Accounting  
BA (1969) York University  
PhD (1976) Toronto University  
*Research interests include capital markets and institutions, international finance, portfolio management, micro- and macro-economics and business mathematics. Editor-in-Chief, Journal of Accounting, Auditing and Finance.*

**Frederick D. S. Choi**

Vice Dean; Dean of the Undergraduate Business College; Professor of Accounting and International Business  
BBA (1965), PhD (1972) Washington University  
*Research interests include international financial reporting and control, comparative accounting foreign exchange accounting and changing prices and capital market effects of accounting/disclosure differences. Editor, Journal of International Financial Management and Accounting.*

**Alex Dontoh**

Associate Professor of Accounting  
BS (1973) Ghana  
PhD (1984) New York University  
*Research interests center on financial and managerial accounting*

**Haim Dov Freid**

Associate Professor of Accounting  
BComm (1971) Sir George Williams University  
PhD (1978) New York University  
*Research interests include managerial and financial accounting*

**Suresh Govindaraj**

Assistant Professor of Accounting  
BTech (1979) Indian Institute of Technology  
PhD (1990) Columbia University  
*Interests include financial market research.*

**Teresa John**

Associate Professor of Accounting; CPA  
BS (1975) University of Florida  
PhD (1986) New York University  
*Research focuses on financial accounting accounting models of auditing and information.*

**April Klein**

Associate Professor of Accounting  
BA (1976) University of Pennsylvania  
PhD (1984) University of Chicago  
*Research interests include corporate governance, corporate control and IPOs. Member, Editorial Advisory Review Board, the Accounting Review.*

**Joshua Livnat**

Professor of Accounting; CPA  
BSc (1973) Hebrew University  
PhD (1978) New York University  
*Research interests include financial accounting and financial analysis. Member of the Editorial Board of the Journal of Accounting, Auditing and Finance.*

**James Ohlson**

Stern Professor of Business  
MBA (1968), PhD (1972) University of California, Berkeley  
*Research interests include financial accounting theory, financial statement analysis, equity valuation and capital market theory.*

**Joshua Ronen**

Professor of Accounting; CPA  
BA (1965) Hebrew University  
PhD (1969) Stanford University  
*Research interests include financial and management accounting accounting regulation and standards, price of debt and equity securities, entrepreneurship. Member of the editorial boards of The Journal of Business Research, The British Accounting Review, The Journal of Accounting & Public Policy and the International Review of Financial Analysis.*

**George Sorter**

Vincent C. Ross Professor of Accounting; CPA  
PhB (1953), PhD (1963) University of Chicago  
*Research interests include accounting theory and history and accounting standards. Member of Council, American Accounting Association. Member, New York City Audit Committee, SEC Institute and Executive Economics Institute.*

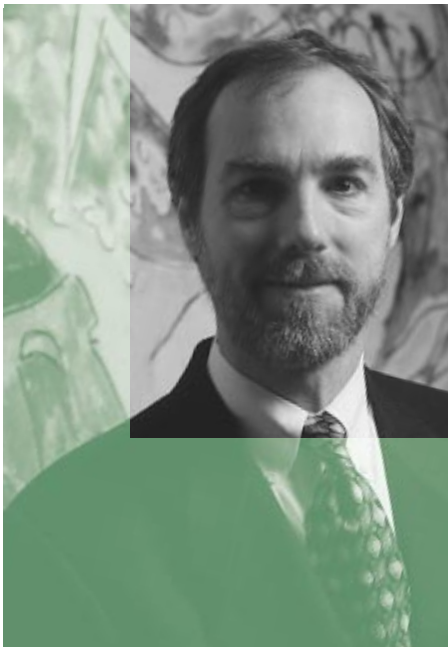
**Paul Zarowin**

Associate Professor of Accounting  
BA (1977) University of Pennsylvania  
PhD (1985) University of Chicago  
*Research interests include market-based research, econometrics and corporate finance.*

## David Backus

Vice Dean for Faculty; Professor of Economics and International Business

*As the cornerstone of any business education, Stern's economics program provides faculty-supported, interdisciplinary training. Students are encouraged to pursue cross-disciplinary research and take courses in other areas. To this end, the Stern economics doctoral student incorporates the principles and theories of a wide range of business-related issues into individual research areas.*



Stern offers a leading PhD program in economics. The course offerings are designed to provide students with a solid grounding both in economic theory and in the analytical tools needed to do high-quality applied research. Our objective is to prepare students for research positions in leading academic institutions.

Members of the economics department at the Stern School of Business have in the past few years published many articles in leading research journals as well as a number of books. The research interests of the faculty are broad, but there are two focused groups of researchers in the areas of industrial organization and international macroeconomics. Other areas of interest include financial history, microeconomics and banking. Students can also take complementary courses within Stern in finance, marketing and other related fields, as well as at the Courant Institute of Mathematics and the economics department of Arts and Sciences.

Almost all of our PhD students are fully supported through assistantships, scholarships or teaching. The strong competition for entrance in the program is reflected in the very high quality of entering students and graduates. Our faculty's and school's commitment to basic research at the cutting edge guarantees a challenging and interesting program resulting in a fulfilling experience.

## William H. Greene

wgreene@stern.nyu.edu

Coordinator of Economics PhD Program; Chairman, Department of Economics; Professor of Economics BS (1972) Ohio State University PhD (1976) University of Wisconsin, Madison

*Research interests: methods of estimation in econometrics, limited and qualitative dependent variable models and models of labor supply.*

## David K. Backus

(see International Business)

## Jose Manuel Campa

(see International Business)

## George Daly

Dean; Dean Richard R. West Professor of Business

BA (1962) Miami (Ohio)

MA (1965), PhD (1967) Northwestern University

## Daniel Diamond

Professor of Economics

BA (1951) University of Massachusetts

PhD (1958) New York University

*Research interests: American economic history, business ethics and entrepreneurship.*

## Nicholas Economides

Professor of Economics

BSc (1976) London School of Economics

PhD (1981) University of California, Berkeley

*Research interests: networks, telecommunications, industrial organization, oligopoly, and the organization and structure of financial exchange markets. Editor of the International Journal of Industrial Organization, and associate editor of the Journal of Regional Science.*

**Fredrick Flyer**

Assistant Professor of Economics  
BS (1985) University of Wisconsin  
PhD (1993) University of Chicago  
*Research interests: labor economics, labor relations, applied microeconomics and econometrics.*

**Barbara G. Katz**

Professor of Economics  
BA (1968), MA (1969), PhD (1973)  
University of Pennsylvania  
*Research interests include the economics of transition and applied microeconomic theory. Associate editor of the Economics of Planning and has served as associate editor of both the Journal of Comparative Economics and Comparative Economic Studies. Elected to the Executive Committee of the Association for Comparative Economic Studies. Former visiting professor at the Recanti School of Business, Tel Aviv University and at ESSEC, Cergy, France.*

**Robert A. Kavesh**

Marcus Nadler Professor of Finance and Economics  
BS (1949) New York University  
PhD (1954) Harvard University  
*Research interests: economic and financial forecasting techniques; current policy issues. Executive secretary and treasurer, The American Finance Association (1961-79); Fellow, National Association of Business Economists; President, The Money Marketeers (1983-84).*

**Giuseppe Lopomo**

Assistant Professor of Economics  
Laurea (1988) Università Bocconi (Italy)  
PhD Stanford University  
*Research interests include auction theory, mechanism design, market microstructure and network externalities.*

**Rita Maldonado-Bear**

(see Finance)

**Thomas A. Pugel**

(See International Business)

**Roy Radner**

Professor of Economics and Information Systems  
BS (1950), PhD (1956) University of Chicago  
*Research interests are on decentralization of information, decision and incentives in large firms. Other research interests: bounded rationality, the managerial theory of the firm, economic survival, dynamic pricing with "viscous demand" and strategic analysis of global warming. Member of the U.S. National Academy of Science and the American Academy of Arts and Science, and a Distinguished Fellow of the American Economic Association and the American Association for the Advancement of Science.*

**Nouriel Roubini**

Professor of Economics  
BA (1982) Università Bocconi (Italy)  
PhD (1988) Harvard University  
*Research interests include international macroeconomics, fiscal policy, political economy, economic growth and European monetary issues.*

**Ryuzo Sato**

C.V. Starr Professor of Economics;  
Director of the Center for Japan-U.S. Business and Economic Studies  
BA (1954), Dr. Economics (1969)  
Hitotsubashi University, (Tokyo)  
PhD (1962) Johns Hopkins University  
*Research interests: theory of technical change and entrepreneurship in the U.S. and Japan. Editor, Japan and the World Economy. Served as associate editor, Journal of Economic Literature (1970-75) and research associate, National Bureau of Economic Research.*

**William L. Silber**

(see Finance)

**Marti G. Subrahmanyam**

(see Finance)

**Richard Sylla**

Henry Kaufman Professor of the History of Financial Institutions and Markets;  
Professor of Economics  
AB (1962), PhD (1969) Harvard University  
*Research interests: the history of U.S. state and local finance and historical trends in U.S. financial asset returns. Research associate, National Bureau of Economic Research. Served as editor, Journal of Economic History; vice president and trustee, Economic History Association, trustee, Business History Conference.*

**Paul Wachtel**

Research Professor of Economics

BA (1966) Queens College

PhD (1971) University of Rochester

*Research interests: central banking and the transmission of monetary policy, financial intermediation, banking in the transition economies, inflation expectations and the determinants of saving. Associate editor of Japan and the World Economy.*

**Ingo Walter**

(see Finance)

**Lawrence J. White**

Arthur E. Imperatore Professor  
of Economics

BA (1964), PhD (1969) Harvard  
University

*Research interests: government regulation of business, including financial regulation and antitrust policy. Senior staff economist, U.S. Council of Economic Advisers, (1978-79); chief economist, Antitrust Division, U.S. Department of Justice, (1982-83); board member, Federal Home Loan Bank Board, (1986-89); North American editor, Journal of Industrial Economics, (1984-87), (1990-95).*

**Holger C. Wolf**

(see International Business)



Sanjiv R. Das

Assistant Professor of Finance, Harvard University's Graduate School of Business

*The PhD program in finance at Stern is one of the best in the world. It has the correct blend of academic and real-world attributes. The intellectual and collegial atmosphere in the department is better than any I have seen anywhere, and offers doctoral students a wide range of research areas to work on. This is something not easily obtained elsewhere. It is clearly one of the best departments at grooming faculty and doctoral students, as is evidenced by an excellent publishing and placement record. If I had to go back and do my thesis all over again, I would do it at Stern.*

Quote

The Stern School of Business at New York University offers one of the finest PhD programs in finance in the world. Among its credentials are the following:

- Both *BusinessWeek* and *U.S. News and World Report* rank the finance faculty within the top five in the U.S.
- Recent surveys have named the Stern faculty as the leader in publications in the top research journals in financial economics.
- Its faculty are on the editorial boards of all of the major finance journals.
- Professor Edwin Elton is the current president of the American Finance Association.

The curriculum is designed to provide a solid understanding of the theory of finance and the key issues concerning financial management and financial markets. Our objective is to prepare students for research positions in academic institutions.

Members of the finance department have in the past few years published over twenty books and scores of articles in major research journals. Dozens of working papers have been presented at major university conferences around the world. The research interests of our faculty are extremely broad, covering such diverse topics as fixed-income securities, corporate finance, corporate governance, options and futures, empirical finance, econometric issues, foreign capital markets and business ethics.

There should be no doubt that the program is tough, requiring a great deal of disciplined work. We have about 20 full-time students, almost all of whom are funded through assistantships, scholarships or teaching. In addition to a broad offering of courses within the Stern School, students take classes and seminars at New York University's renowned Courant Institute of Mathematics and at the economics department in the College of Arts and Science.

We believe our faculty's deep commitment to basic research and their interest in current professional practices make the program offered by the finance department challenging, interesting and relevant. We welcome your interest in the finance department at the Stern School. Our students and alumni have played an important part in maintaining the top ranking of our finance group. We invite you to participate in our educational and research programs.



**Jarl G. Kallberg**

jkallber@stern.nyu.edu  
Coordinator of the Finance PhD Program;  
Associate Professor of Finance  
BSc Mathematics (1972), PhD (1979)  
University of British Columbia  
*Research interests include corporate finance, statistical modeling, firm failure, valuation of natural resources and the theory of risk*  
*Editor of Journal of Cash Management 1984 to 1992.*

**Edward I. Altman**

Max L. Heine Professor of Finance;  
Managing Director, Fixed Income and  
Credit Markets; Vice Director, NYU  
Salomon Center  
BA (1963) City University of New York  
PhD (1967) University of California,  
Los Angeles  
*Research interests include financial and credit analysis, bankruptcy prediction and fixed-income markets. Editor of the Journal of Banking and Finance and on the editorial boards of the Financial Analysts Journal and Journal of Business Strategy.*

**Yakov Amihud**

Professor of Finance  
BA (1969) Hebrew University  
PhD (1975) New York University  
*Research interests include securities markets microstructure, the effect of liquidity on asset prices and return behavior, corporate finance and the effect of ownership structure on corporate policies.*

**Jacob (Kobi) Boudoukh**

Associate Professor of Finance and  
International Business  
BS (1986) Technion-Israel Institute  
of Technology  
PhD (1991) Stanford University  
*Research interests include exchange rate determination, hedging exchange rate exposure using derivative securities (futures, options and swaps), pricing derivative securities and international taxation.*

**Menachem Brenner**

Professor of Finance  
BA (1969) Hebrew University  
PhD (1974) Cornell University  
*Research interests include capital markets issues, futures and options valuation theory. Member of the Board of Directors of the Tel Aviv Stock Exchanges and Chairman of its Options and Futures Committee. Research advisor to the Israeli Securities Authority.*

**Stephen J. Brown**

David S. Loeb Professor of Finance;  
Research Professor in Finance  
BEcon (1971) Monash University  
PhD (1976) University of Chicago  
*Research interests include portfolio theory, estimation issues and public utility pricing*  
*Associate editor for the Journal of Finance; editor for the Journal of Financial and Quantitative Analysis and the Journal of Portfolio Management. Appointed an editor of the Review of Financial Studies in 1987. Past president of the Western Finance Association and past member of the Board of the American Finance Association.*

**Jennifer Carpenter**

Assistant Professor of Finance  
BSc (1987), PhD (1995) University  
of Pennsylvania  
*Research interests include valuation of executive stock options, asset pricing and continuous-time finance.*

**Matthew Clayton**

Assistant Professor of Finance  
BA (1991), PhD (1996) Northwestern  
University  
*Research interests include corporate finance and bidding behavior.*

**Aswath Damodaran**

Associate Professor of Finance  
BCom (1977) Madras University  
PhD (1985) University of California,  
Los Angeles  
*Research interests include the theory of corporate finance, information structures and financial signaling*  
*Received the New York University Stern School of Business Teaching Excellence Award in 1988. Became the youngest recipient of New York University's Great Teacher Award in 1990. Chosen Professor of the Year by the graduating MBA class in 1992 and 1993.*

**Edwin J. Elton**

Nomura Professor of Finance;  
Chairman of the Stern PhD Program  
BA (1961) Ohio Wesleyan  
PhD (1970) Carnegie Mellon University  
*Research interests: bonds, equities, futures and portfolio theory. Past editor of the Journal of Finance. Associate editor of the Journal of Banking and Finance and the Journal of Accounting, Auditing and Finance and the Japan and World Economy. Named Distinguished Researcher by Eastern Finance Association in 1995. President, American Finance Association.*

## **Stephen Figlewski**

Professor of Finance

AB (1969) Princeton University

PhD (1976) Massachusetts Institute of Technology

*Research interests include futures and options markets, volatility forecasting expectations formation and information aspects of financial markets. Former Batterymarch Scholar, Member of the New York Futures Exchange. Founding editor of The Journal of Derivatives. Associate editor for the Financial Analysts Journal, Review of Futures Markets and Global Finance Journal. Director of the National Options and Futures Society.*

## **Zsuzsanna Fluck**

Assistant Professor of Finance

Dr. univ. (1986) Budapest University

PhD (1993) Princeton University

*Research interests include issues in corporate governance and control, mergers and acquisitions, dividend policy and the predictability of stock returns. While an economic adviser to the president of the Hungarian Development Bank in 1987, served as chief economist and deputy principal negotiator in the establishment of Suzuki-Hungary, the first large international joint venture in Hungary.*

## **Martin J. Gruber**

Nomura Professor of Finance

SB (1959) Massachusetts Institute of Technology

PhD (1965) Columbia University

*Research interests include portfolio construction and analysis, general equilibrium theory, expectations and their role in security price formation, analysis of debt prices, cost of capital and futures markets. Past president of the American Finance Association and a director of the European*

*Finance Association. Past editor of the Journal of Finance and associate editor of the Journal of Banking and Finance. Named Distinguished researcher by Eastern Finance Association.*

## **Joel Hasbrouck**

Professor of Finance

BS (1974) Haverford College

PhD (1981) University of Pennsylvania

*Research interests include inflation and capital markets, utilization of survey data and market microstructures and econometrics. Associate editor of the Journal of Finance, Review of Financial Studies and Journal of Intermediation.*

## **Kose John**

Charles William Gerstenberg

Professor of Finance

BA (1970) India

PhD (1978) University of Florida

*Research interests include options and capital markets theory, corporate financial theory and information economics, agency theory and signaling models in corporate finance in a sequential game setting. Many awards and fellowships include Presidential Research Fellowship from New York University and the Batterymarch Fellowship. Associate editor, Journal of Banking and Finance.*

## **Michael Keenan**

Deputy Chairman of the Finance

Department; Professor of Finance

BS (1960) Case Institute of Technology

PhD (1967) Carnegie Mellon University

*Research interests include the impact of structural changes on the securities industry, valuation and transition issues in mergers and acquisitions and the role of personal computers in finance. Trustee of the American Finance Association and the Eastern Finance Association. Has served as the executive secretary and treasurer of the American Finance Association since 1985.*

## **Richard M. Levich**

Professor of Finance and

International Business

AB (1971), PhD (1977) University of Chicago

*Research interests include techniques and effectiveness of exchange rate forecasting and efficiency and innovation in international financial markets.*

## **Crocker H. Liu**

Associate Professor of Finance

BBA (1976) University of Hawaii

PhD (1988) University of Texas

*Research interests include real estate finance, particularly topics related to market efficiency and valuation. Winner of the AREUEA National Homer Hoyt Doctoral Dissertation Award. One of the 1991 postdoctoral award winners of the Weimer School of Advanced Studies in Real Estate and Land Economics. Serves on the editorial board of the Journal of Real Estate Finance and Economics.*

## **Anthony W. Lynch**

Assistant Professor of Finance

BA (1986) Queensland

PhD (1994) University of Chicago

*Research interests include asset pricing econometrics and corporate finance.*

## **Vicente Madrigal**

Associate Professor of Finance

BA (1982) University of Chicago

PhD (1989) Princeton University

*Research interests include financial markets, game theory and economics of information.*

**Rita Maldonado-Bear**

Professor of Finance and Economics  
AB (1960) Auburn  
PhD (1969) New York University  
*Research interests include international portfolio diversification and balance of payments accounting; currently focusing on ethical issues in finance.*

**Jianping Mei**

(see International Business)

**Eli Ofek**

Associate Professor of Finance  
BA (1986) Tel Aviv University  
PhD (1990) University of Chicago  
*Research interests include empirical and theoretical issues in corporate finance.*

**Matthew P. Richardson**

Associate Professor of Finance  
BA (1984) University of California, Los Angeles  
PhD (1989) Stanford University  
*Research interests include derivative securities, fixed income securities, asset returns, inflation, return predictability and its implications for market efficiency.*

**Joshua Rosenberg**

Assistant Professor of Finance  
BA (1989) Oberlin College  
PhD (1996) University of San Diego  
*Research interests are in derivative securities.*

**Anthony Saunders**

Chairman of the Finance Department;  
John M. Schiff Professor of Finance  
BSc (1968), PhD (1981) London School of Economics  
*Research interests include financial institutions, monetary economics and capital markets. Research advisor to the Federal Reserve Bank of Philadelphia (1984-1989). Board of Academic Consultants Federal Reserve Board of Governors and the Federal National Mortgage Association (FNMA).*

**William L. Silber**

Dean Abraham Gitlow Professor of Finance and Economics;  
Director, Glucksman Institute for Research in Securities Markets  
BA (1963) Yeshiva College  
PhD (1966) Princeton University  
*Senior Economist with the President's Council of Economic Advisors. Associate editor of the Journal of Finance and of the Review of Economics and Statistics.*

**Marti G. Subrahmanyam**

Charles E. Merrill Professor of Finance and Economics  
BTech (1967) Indian Institute of Technology (Madras)  
PhD (1974) Massachusetts Institute of Technology  
*Research interests include capital markets, corporation finance and international finance. Serves on the editorial boards of the Journal of Banking and Finance, Management Science, and Japan and the World Economy.*

**Ranga Sundaram**

Associate Professor of Finance  
BA (1982) University of Madras  
PhD (1988) Cornell University  
*Research interests are in game theory, optimization and derivative securities.*

**Ingo Walter**

Charles Simon Professor of Applied Financial Economics; Sidney Homer Director, New York University Salomon Center  
AB (1962), PhD (1966) New York University  
*Research interests include international commercial and investment banking, international trade policy, environmental economics and multinational corporate operations.*

**Robert F. Whitelaw**

Assistant Professor of Finance  
BSc (1984) Massachusetts Institute of Technology  
PhD (1992) Stanford University  
*Research interests include the predictability of stock returns, asset pricing under stochastic volatility and the effect of liquidity on securities markets.*

**David Yermack**

Assistant Professor of Finance  
AB (1985), JD (1991), PhD (1994) Harvard University  
*Research interests include corporate governance; incentives, contracting and organizations, law and economics.*

Founded in 1973, Stern's information systems department was one of the first such departments in a business school. Over the years, the department has taken a leading role in the development of the IS field. Several recent surveys have ranked the information systems department first in the country in the production of scholarly research. Our faculty are on the editorial boards of the major information system journals and occupy leading positions in the field's major professional societies.

Information systems is a multi-disciplinary field that is growing in importance as the information technology revolution dramatically impacts patterns of work and the way business is transacted. Stern School PhD students have the advantage of working with faculty with a broad range of technical and non-technical backgrounds who keep current with the latest developments in industry through our Center for Research in Information Systems.

The IS faculty value the PhD program highly and work closely with its students. Seminars, research assistantships and informal discussions all create a strong, research-oriented environment in the department. Faculty and students are interested in a broad range of topics all related to information technology. Research in the department includes various applications of the Internet and the World Wide Web, electronic commerce, database, expert systems, decision-support systems, work-flow modeling, the impact of technology and the use of IT in designing organizations, to name a few areas.

PhD students work together with faculty members on research and

also participate in activities related to teaching. A number of doctoral students have published papers with faculty members before completing the program.

#### **Vasant Dhar**

vdhar@stern.nyu.edu

Coordinator of Information Systems PhD Program; Associate Professor of Information Systems

BTech (1978) Indian Institute of Technology (Madras)

PhD (1984) Pittsburgh

*Research interests include understanding how symbolic and mathematical techniques applied to large volumes of data and information can be coupled with business processes in order to design knowledge-intensive systems. He has written over 40 articles on symbolic and mathematical ways of representing knowledge, reasoning, search and other topics related to artificial intelligence. He is a member of the American Association for Artificial Intelligence, the Association for Computing Machinery, the Institute of Management Sciences and the Society for Information Management.*

#### **Tomas Isakowitz**

Assistant Professor of Information Systems

BSc (1979) Hebrew University

PhD (1990) University of Pennsylvania

*Research interests include hypermedia technology and its applications, decision support and temporal databases and reaping the full potential of hypermedia information systems for use in business. He has published on hypermedia, software engineering and support for decision making in various conferences and journals.*

#### **Ajit Kambil**

Assistant Professor of Information Systems

BS (1985), PhD (1992) Massachusetts Institute of Technology

*Research interests include the effects and use of information technology to transform industrial structure and competition; processes and methods for alignment of business and information technology strategies; and the effective use and management of the telecommunications and collaborative technologies. He has previously worked with Arthur D. Little in information systems consulting and with INTELSAT in satellite systems planning*

#### **Kenneth C. Laudon**

Professor of Information Systems

BA (1966) Stanford University

PhD (1972) Columbia University

*Research interests include the social and organizational impact of information systems and technologies in both private and public organizations, the occupational and structural impact of forty years of computing on large federal agencies and the development of multimedia.*

#### **Henry C. Lucas, Jr.**

Research Professor of Information Systems

BS (1966) Yale University

PhD (1970) Massachusetts Institute of Technology

*Research interests include a wide variety of research problems relating to information technology, management systems and the impact of systems on organizations and national communications networks. He is a member of the Association for Computing Machinery, INFORMS and Vice President of Publications of the Association for Information Systems.*

#### **Roy Radner**

(see Economics)

**Shimon Schocken**

Associate Professor of Information Systems  
BA (1980) Hebrew University  
PhD (1987) University of Pennsylvania  
*Research interests include decision theory and intelligent systems, model management systems and agents and the role of multi-media in teaching and learning processes. He is the recipient of the 1988 ICIT Best Doctoral Dissertation in the Information Systems Field Award.*

**Stephen Slade**

Assistant Professor of Information Systems  
BA (1974), PhD (1991) Yale University  
*Research interests include the development of computational models of human decision making and interpersonal relationships, artificial intelligence, case-based reasoning, symbolic programming, object-oriented programming, multimedia, educational technology, cognitive science, intelligent databases, natural language processing, political science and management information systems. He has served as a consultant to several presidential campaigns and as a member of the White House staff.*

**Edward A. Stohr**

Professor of Information Systems  
BE (1959) Melbourne University  
PhD (1973) University of California, Berkeley  
*Research interests include the problems of developing computer systems to support management and decision processes and the use of information technology in education. He is an associate editor for the Journal of Information Systems Research, the International Journal of Policy Analysis and Information, the International Journal of Decision Support Systems, and the Journal of Management Information Systems.*

**Jon A. Turner**

Associate Professor of Information Systems  
BE (1958) Yale University  
PhD (1980) Columbia University  
*Research interests include the design of work, particularly changes in the task content, structure and cognitive load when computer-based tools are used and the interplay with features of these tools. He also studies the process of design, intelligent instruction systems and methods of using technology competitively. His most recent work includes studies of interorganizational systems, new forms of organizing work and outsourcing, as well as the Living Case, an intelligent system for providing business case instruction.*

**Alex Tuzhilin**

Assistant Professor of Information Systems  
BS (1980), PhD (1989) New York University  
*Research interests include temporal databases, knowledge discovery in databases and modeling business processes, including query-driven and knowledge-based simulations and conceptual modeling of information systems. Professor Tuzhilin serves on the editorial board of the new Journal of Knowledge Discovery and Data Mining.*

**Myron Uretsky**

Acting Chairman of Information Systems Department; Professor of Information Systems  
BBA (1961), PhD (1965) Ohio State University  
*Research interests include evaluating the impact of digital technologies on the changing media industries, developing and using business simulations for training and research and examining the impact of computers on business and society.*

**Bruce W. Weber**

Assistant Professor of Information Systems  
AB (1984) Harvard University  
PhD (1991) University of Pennsylvania  
*Research interests include the impact of information technology in securities markets and the relationship between information systems and competitive strategy, the evaluation of alternative electronic market structures and prospects for industry adoption of new trading mechanisms and the conditions for technology-based competitive advantages as well as the business justification of large-scale system investments and management of the associated risks.*

**Norman White**

Acting Deputy Chairman of Information Systems Department; Clinical Associate Professor of Information Systems  
BA (1966) Harvard University  
PhD (1974) New York University  
*Research interests include decision support systems for marketing, data mining, the World Wide Web, computer graphics and microcomputers, tools for building decision support systems and computer graphics interfaces for managers. He served as Director of the Academic Computing Center from 1970 to 1975.*

*International Business reflects a broad range of topics that can be usefully approached by functional field specialists with international interests and expertise.*



The most important feature of the international business area at Stern is that all affiliated faculty members maintain an academic appointment within a major functional field – such as accounting, economics, finance, management or marketing. In the same fashion, students must pursue their study of international business in conjunction with a major functional field.

Our approach follows from the belief that international business does not constitute a separate and distinct body of knowledge. Rather, international business reflects a broad range of topics that can be usefully approached by functional field specialists with international interests and expertise.

This approach places responsibility on the faculty member and the student to achieve a thorough grounding in a functional field discipline and to pursue excellence in the international dimensions of that field. In 1984 and again in 1988, surveys of the membership of the Academy of International Business ranked our area as the best in the nation based on quality of faculty, range of course offerings and faculty research.

## **Durairaj Maheswaran**

dmaheswa@stern.nyu.edu

Coordinator of International Business PhD Program; Associate Professor of Marketing

BTech (1973) University of Madras

PhD (1987) Northwestern University

*Research interests include consumer behavior and international advertising*

*Winner of 1985 Marketing Science Institute dissertation proposal competition.*

## **David Backus**

Vice Dean of Faculty; Heinz Riehl

Professor of Finance and International Business; Professor of Economics and International Business

BA (1975) Hamilton College

PhD (1981) Yale University

*Research interests include international economics with particular interests in foreign exchange rate movements and international business cycles, financial derivatives, risk management, macroeconomic policy in emerging markets and international pricing strategies of multinational firms.*

## **Jacob Boudoukh**

(see Finance)

## **Jose Manuel Campa**

Assistant Professor of Economics and International Business

BA (1987) University of Oviedo (Spain)

PhD (1991) Harvard University

*Research interests include international trade, exchange-rate fluctuations, foreign investment and industrial organization.*

**Ya-Ru Chen**

(see Management)

**Wilbur Chung**

(see Management)

**C. Samuel Craig**

(see Marketing)

**Susan P. Douglas**

Professor of Marketing and International Business

BA (1962) University of Manchester

PhD (1969) University of Pennsylvania

*Research interests include strategic planning for international markets, cross-national consumer behavior and international market research. Member of the editorial boards of the Journal of International Business Studies and the Journal of International Marketing. Elected Fellow of the Academy of International Business 1991.*

**Thomas N. Gladwin**

Professor of Management and International Business; Director of the Global Environment Program

BS (1970) University of Delaware

PhD (1975) University of Michigan

*Research interests include sustainable development, environmental conflict and global public affairs. He has received three awards for excellence in teaching. North American editor of Sustainable Development and Total Quality Environmental Management.*

**Richard M. Levich**

(see Finance)

**Xavier Martin**

Assistant Professor of Management and International Business

MA (1986) Ecole Supérieure de

Commerce de Lyons (France)

PhD (1996) University of Michigan

*Research interests include the interorganizational determinants of foreign direct investment and evolutionary models of innovation and corporate expansion.*

**Jianping Mei**

Associate Professor of Finance

BS (1982) Fudan University (China)

PhD (1990) Princeton University

*Research interests include theories about variable expected returns and where betas come from.*

**Thomas A. Pugel**

Acting Chairman of International Business Department; Professor of Economics and International Business

BA (1974) Michigan State University

PhD (1978) Harvard University

*Research interests include the economics of international industrial competition, the economics of multinational corporations and technology issues and government policies toward international trade and industry. Recipient of 1992 University Distinguished Teaching Award.*

**Patricia (Tish) Robinson**

(see Management)

**Anthony Saunders**

(see Finance)

**Myles Shaver**

Assistant Professor of Management and International Business

BComm (1988) University of Alberta

PhD (1994) University of Michigan

*Research interests include the management and economics of international expansion, the dynamics of international competition and foreign direct investment.*

**Marti G. Subrahmanyam**

(see Finance)

**Ingo Walter**

(see Finance)

**Holger C. Wolf**

Assistant Professor of Economics and International Business

BSc (1986) London School of Economics

PhD (1992) Massachusetts Institute of Technology

*Research interests include dynamics of large groups of heterogeneous interdependent actors and exchange rates. Faculty Research Fellow, National Bureau of Economic Research.*

## Quote

Frances Milliken

Associate Professor of Management

*The department of management at Stern offers doctoral students a unique opportunity to learn from a diverse and highly regarded faculty whose research interests range from organizational behavior to business policy and strategy to international human resource management. The management faculty is not only comprised of active researchers, but also leaders in the Academy of Management and innovators in the corporate world. As a result, students are likely to find a faculty member with whom they share a research interest. Combined, these features create a well-rounded, yet customized doctoral education.*



The management department's research places it among the top departments in the country. It is a large department that prides itself on its diversity. It attracts and retains world-class scholars from a wide range of countries and disciplines and maintains an intellectual environment that values and respects a wide range of perspectives. This diversity has two important implications for PhD students. First, students can find professors who share their research interests and are willing to do research with them. Second, students feel encouraged to develop their own unique research interests and identities.

Students have the opportunity to work alongside world-renowned scholars from day one. Many professors are actively consulting in various industries and are frequently publishing articles or books. A recent study showed that Stern's management department was among the top few in publishing articles in the *Academy of Management Journal*, one of the premier journals. Many professors serve as editors or as editorial board members of leading journals and others hold elected offices in the Academy of Management (our professional association). As a result of working with key players in management research, most of our students graduate with extensive research and publishing experience and a clear understanding of what it takes to succeed. This opens doors to valuable job opportunities upon graduation and helps to ensure one's future career success in academia.

### Zur Shapira

zshapira@stern.nyu.edu

Coordinator of the Management PhD Program; Professor of Management BSc (1970) Hebrew University PhD (1976) University of Rochester  
*Research interests include managerial risk taking, organizational decision making and motivation and negotiation.*

### Rikki Abzug

Assistant Professor of Management PhD (1994) Yale University  
*Research interests include organizational governance across industries, regions and countries; large organizations and inner cities; and social and organizational effects of privatization in emerging and transitioning economies.*

### Richard Arend

Assistant Professor of Management MBA (1989) York University PhD (1995) University of British Columbia  
*Research interests include theoretical, qualitative and quantitative analysis of strategic problems focused toward practical policy solutions and implementation.*

### Kimberly Bates

(see Operations Management)

**Hrach Bedrosian**

Professor of Management  
BA (1951) Rutgers University  
PhD (1962) Columbia University  
*Research interests include job survival of new employees, turnover of new employees, early retirement, employee assistance programs and executive stress.*

**Ya Ru Chen**

Assistant Professor of Management and International Business  
BA (1986) Soochow University (Taiwan)  
PhD (1995) Columbia University  
*Research interests include international negotiations, cross-cultural differences in motivation and human resource management, cross-cultural differences in conflict resolution and cross-cultural differences in decision making*

**Wilbur Chung**

Assistant Professor of Management and International Business  
BS (1986) Carnegie Mellon  
PhD (1997) University of Michigan  
*Research interests include foreign direct investment and the competitive process, international industry evolution, geography and competitiveness, economic spillovers-externalities, technology transfer and R&D and industry structure.*

**Roger L. Dunbar**

Professor of Management  
BC (1963) University of Otago (New Zealand)  
PhD (1970) Cornell University  
*Research interests include how executives interpret and manage and how these processes differ across cultures and behavioral and computer simulations to improve general and cross-cultural managerial competence.*

**John M. Dutton**

Professor of Management  
BS (1952) University of New Hampshire  
MBA (1957) Harvard University  
*Research interests include organization-environment relations, methods for analyzing strategic variables, technological change in firms and organizational learning*

**Charles J. Fombrun**

Professor of Management;  
Research Professor  
BS (1974) Queen's University  
PhD (1980) Columbia University  
*Research interests include organization and management theory, corporate strategy and human resource management.*  
*Editorial boards:* Academy of Management Journal, Academy of Management Review and Administrative Science Quarterly.

**Richard D. Freedman**

Professor of Management  
BS (1961), PhD (1967) New York University  
*Research interests include organizational behavior and corporate strategy.*

**Raghu Garud**

Associate Professor of Management  
BTech (1978) Indian Institute of Technology  
PhD (1989) University of Minnesota  
*Research interests include management and assessment of technologies, strategy and policy and inter-organizational relations.*

**Ari Ginsberg**

Chairman of Management and Organizational Behavior Department;  
Professor of Management  
MA (1977) Columbia University  
MBA (1982), PhD (1985) University of Pittsburgh  
*Research interests include management of corporate growth and entrepreneurship; organizational learning processes; cognitive mapping; modeling and simulation of business ecosystems; and competitive dynamics in emerging industries.*

**Thomas N. Gladwin**

(see International Business)

**William D. Guth**

Professor of Management  
BS (1953) Washington University  
DBA (1960) Harvard University  
*Research interests include entrepreneurship, corporate strategy and organization and management theory.* *Editorial boards:* Strategic Management Journal and Journal of Business Strategy.

**Andrew King**

(see Operations Management)

**Theresa Lant**

AB (1981) University of Michigan  
PhD (1987) Stanford University  
*Research interests include organizational learning, change and adaptation and cognitive approaches to strategic decision making*

**Xavier Martin**

(see International Business)

**Stephen J. Mezias**

Associate Professor of Management  
AB (1980) Columbia University  
PhD (1987) Stanford University  
*Research interests include organizational learning, change, entrepreneurial strategies and decision making processes.*

**Frances J. Milliken**

Associate Professor of Management  
BA (1978) Barnard College  
PhD (1985) City University of New York  
*Research interests include managerial decision making, organizational learning and information processing, particularly as they relate to environmental interpretation and strategy formulation.*

**Elizabeth Wolfe Morrison**

Assistant Professor of Management  
BA (1984) Brown University  
PhD (1990) Northwestern University  
*Research interests include the socialization and adjustment of organizational newcomers, information seeking, employee citizenship behavior, psychological contracts and organizational politics.*

**Michael Moses**

(see Operations Management)

**Praveen Nayyar**

(see Operations Management)

**Patricia Robinson**

Assistant Professor of Management and International Business  
PhD (1994) Massachusetts Institute of Technology  
*Research interests include multinational firms in the context of organizational theory and strategy.*

**David Rogers**

Professor of Management and Sociology  
BA (1953), PhD (1960) Harvard University  
*Research interests include organization and management theory, with emphasis on comparative and urban management and social policy.*

**Randall S. Schuler**

Professor of Management  
BA (1967), PhD (1973) Michigan State University  
*Research interests include international human resource management, strategic human resource management, the human resource management function in organizations and the interface of competitive strategy and human resource management. Associate editor of Journal of Business and Economic Studies and serves on many editorial boards.*

**Jamal Shamsie**

Assistant Professor of Management  
BA (1976), PhD (1992) McGill University  
*Research interests include market dominance, market share stability and sustainable advantages.*

**James Myles Shaver**

(see International Business)

**Mark Sirower**

Assistant Professor of Management  
BS (1983) Bowling Green  
PhD (1994) Columbia University  
*Research interests include corporate and business strategy, particularly on mergers and acquisitions, strategic bankruptcy and measurement of corporate performance.*

**William H. Starbuck**

ITT Professor of  
Creative Management  
AB (1956) Harvard College  
PhD (1964) Carnegie Mellon  
*Research interests include human decision making and perception, bargaining, organizational growth and development, organizational learning, social revolutions, computer simulation, computer programming, accounting, business strategy and organizational design. Presently on the editorial boards of Accounting, Management and Information Technologies, British Journal of Management, Journal of Behavioral Economics, Journal of Management Inquiry, Journal of Management Studies, Organization and Scandinavian Journal of Management.*

**Batia Wiesenfeld**

BA (1988), PhD (1995) Columbia  
University

*Research interests include individuals' reactions to organizational change and transformation (e.g., layoffs, outsourcing), self processes in organizations and emergent forms of organization/employee relationships such as contingent work*

**Dale Zand**

Professor of Management  
BEE (1945) Cooper Union  
PhD (1954) New York University

*Research interests include strategic management, implementing change, decision making and organization design.*

## Gita Venkataramani Johar

Associate Professor of Marketing, Columbia University's Graduate School of Business

*What's great about NYU? The faculty, the program and the location. I learned a lot from the marketing department faculty and also developed lasting ties that have resulted in joint research projects. The program has the right mix of flexibility and structure – a set of required courses that can be supplemented with electives in any of the university's schools and departments. And Greenwich Village is probably the best place in the world to go to school. I found that easy access to “high” (and “low”) culture, combined with an endless number of restaurants and cafes was the best antidote to the stress of a demanding PhD program.*

The Stern School offers one of the finest doctoral programs in marketing in the world, with a large, distinguished faculty working in a diverse set of research areas. The breadth of research interests represented in the department is exceptional and studies have consistently ranked it one of the top marketing departments in the country for the largest number of publications in leading academic journals.

The characteristic of the doctoral program in marketing that is most unique and relevant is the commitment to our students. We are extremely selective but, once accepted, our students are valued highly. Much time is invested in students by their advisers, their seminar professors, the coordinator of the program and those with whom they do research from the time they enter the program. By the time they graduate, most have co-authored papers with faculty that are later published in leading journals.

Although the primary focus of our program is the development of top researchers, our students are also excellent teachers and begin their first academic appointments well prepared for the classroom. Several of our students have recently won awards for their fourth-year teaching.

We monitor the progress of our students closely and provide guidance all along the way. We make an investment in you and are committed to making it pay off. Because we select carefully and work closely with our students, attrition is low and our students finish the program quickly. Our placement record is testimony to the success of our efforts.

Pursuing a PhD in marketing at New York University is an exciting, intensely challenging and rewarding experience.

### Kim Corfman

kcorfman@stern.nyu.edu

Coordinator of Marketing PhD Program;  
Associate Professor of Marketing  
BA (1977) Princeton University  
PhD (1985) Columbia University  
*Research interests include group decision making, bargaining, focus groups and competitive decision making. Serves on editorial boards of the Journal of Marketing Research, the Journal of Marketing and Marketing Letters.*

### Henry Assael

Professor of Marketing  
BA (1957) Harvard University  
PhD (1965) Columbia University  
*Research interests include media analysis, consumer pricing response and segmentation by response elasticities. Served on the editorial review board of the Journal of Advertising Research.*



**Stephen Bell**

Assistant Professor of Marketing  
BA (1976) Davidson University  
PhD (1990) Columbia University  
*Research interests include competitive marketing strategies including the development of software for simulating markets which can be used to study the effectiveness of pricing, advertising and product strategies.*

**Lauren Goldberg Block**

Assistant Professor of Marketing  
BS (1984) SUNY (Albany)  
PhD (1993) Columbia University  
*Research interests include advertising non-traditional promotions and public policy. Recipient of 1993 Marketing Science Institute grant.*

**Christina L. Brown**

Assistant Professor of Marketing  
AB (1980) Harvard University  
PhD (1992) Stanford University  
*Research interests include consumer and management learning and decision making pioneering advantages, branding and advertising*

**Bruce Buchanan**

CW Nichols Professor of Business Ethics  
BS (1977) Massachusetts Institute of Technology  
PhD (1983) Columbia University  
*Research interests include business and professional ethics, the self-regulation of business, ad claim substantiation and market research methodology. Served on editorial review boards, including Marketing Science, the Journal of Marketing, and the Journal of Consumer Research.*

**C. Samuel Craig**

Chairman of the Marketing Department;  
Professor of Marketing; Research Professor  
BA (1965) Westminster College  
PhD (1971) Ohio State University  
*Research interests include advertising diffusion of innovation, international marketing and assessing communication effectiveness. Journal of Retailing Best Article awards in 1991, 1994. Served on several editorial review boards including the Journal of Marketing Research and the Journal of Advertising Research.*

**John A. Czepiel**

Professor of Marketing  
BS (1964) Illinois Institute of Technology  
PhD (1972) Northwestern University  
*Research interests include the role of competitive strategy in marketing decision making, diffusion of technological innovation, product strategy, service marketing and customer satisfaction. Served on editorial review boards of the Journal of Marketing and the Journal of Retailing and on several government committees.*

**Michael Darling**

Clinical Associate Professor of Marketing  
BC (1969) Concordia  
*Research interests include environmental and technology issues.*

**Susan P. Douglas**

(see International Business)

**Avijit Ghosh**

Deputy Dean; Harold Price Professor of Entrepreneurship and Marketing  
BS (1970) Calcutta  
PhD (1979) University of Iowa  
*Research interests include location-allocation modeling, quantitative applications in marketing management and retailing. Past editor of the Journal of Retailing.*

**Peter Golder**

Assistant Professor of Marketing  
BS (1984) University of Pennsylvania  
PhD (1994) University of Southern California  
*Research interests include new-product markets and successful strategies for entering those markets. Received the 1994 Best Paper Award from the Marketing Science Institute, a 1993 Richard D. Irwin Foundation dissertation fellowship and grants from the Marketing Science Institute and the U.S. Department of Education.*

**Eric A. Greenleaf**

Associate Professor of Marketing  
BS (1977) University of New Hampshire  
PhD (1986) Columbia University  
*Research interests include consumer reactions to prices and promotions, auctions, response and context effects in marketing research, delay in consumer decision making and investigation of consumers' aesthetic experiences. Awarded Marketing Science Institute grant in 1994 Pricing Strategy competition.*

**Julie R. Irwin**

Assistant Professor of Marketing  
BA (1984) College of William and Mary  
PhD (1992) University of Colorado  
Post-doctoral training (1992-94)  
University of Illinois  
*Research interests include consumer decisions, especially for risky and uncertain commodities, the elicitation of values and preferences and group behavior. Received National Science Foundation grant for research on group decision and public hazards.*

**Jacob Jacoby**

Merchants Council Professor of Marketing and Consumer Behavior  
BA (1961) Brooklyn College  
PhD (1966) Michigan State University  
*Research interests include consumer decision making, public policy issues, research methodology and research ethics. More than 135 publications, including several award-winning articles. Past president and fellow of both the Society for Consumer Psychology and the Association for Consumer Research. Served on a number of editorial boards, including the Journal of Marketing Research, the Journal of Consumer Research and Computers in Human Behavior.*

**Priscilla A. LaBarbera**

Associate Professor of Marketing  
BBA (1972) Baruch College  
(City University of New York)  
PhD (1976) Michigan State University  
*Research interests include advertising effectiveness, advertising self-regulation, consumer behavior and the religious subculture, social responsibility, entrepreneurship and long-range planning/future environments.*

**Durairaj Maheswaran**

(see International Business)

**Geeta Menon**

Assistant Professor of Marketing  
BA (1981) Madras  
PhD (1991) University of Illinois  
*Research interests include cognitive aspects of survey methodology and the application of models of autobiographical memory to consumer behavior.*

**Vicki G. Morwitz**

Assistant Professor of Marketing  
BS (1983) Rutgers University  
PhD (1991) University of Pennsylvania  
*Research interests include the relationship between purchase intentions and purchase behavior, new product development, concept testing and market research/survey research methods. Winner of Marketing Science Institute's 1994 Pricing and Strategy competition and 1991 dissertation proposal competition.*

**Robert W. Shoemaker**

Professor of Marketing  
BA (1961) Amherst College  
PhD (1972) Carnegie Mellon University  
*Research interests include the effectiveness of promotions, forecasting sales for new products, buyer behavior in the trial of new products and estimation of price elasticity. Member of the Journal of Marketing editorial review board.*

**Joel H. Steckel**

Professor of Marketing  
BA (1977) Columbia University  
PhD (1982) University of Pennsylvania  
*Research interests include managerial decision processes, group choice models and methodologies for measuring consumer preference. Serves on editorial review boards of Marketing Letters and the Journal of Retailing.*

*We believe that developing familiarity with an application industry is essential to long-term success. Thus, we encourage the student to obtain this either by working with faculty members who are actively working with these organizations, or by developing first-hand expertise.*



The operations management area at the Stern School of Business is a multidisciplinary program, and has historically drawn faculty from two departments: statistics and operations research, and management and organizational behavior. These two departments, as well as economics and information systems continue to have a significant influence on the teaching and research directions of the operations management faculty. There is a major interest in combining strategy and industry structure with operations to yield competitive advantage to organizations.

The PhD student is expected to take courses focusing on strategy, industrial organization, economics and methodological topics (i.e., optimization, probability models). In addition, he or she is expected to develop an expertise in a functional discipline (i.e., finance, marketing or information systems). We believe that developing familiarity with an application industry is essential to long-term success. Thus, we encourage the student to obtain this either by working with faculty members who are actively working with these organizations, or by developing first-hand expertise through the student's individual contacts with these firms. The faculty and school have strong ties with the world's financial organizations, as well as with the automotive, chemical, computer, consumer goods and pharmaceutical companies in the tri-state area.

Current interests of the faculty include: performance evaluation, production and crew scheduling, after-sales service, buyer-vendor

relationships and contracts, service strategy, environmental policy analysis, new product development and joint ventures, combinatorial optimization and stochastic modeling and the development of teaching materials and software based on current technologies.

Our faculty members occupy editorial positions in numerous journals and are active in the major societies, such as INFORMS and the Academy of Management.

### **Michael Pinedo**

mpinedo@stern.nyu.edu

Coordinator for Operations

Management PhD Program;

Research Professor of Operations

Management; Professor of Statistics and Operations Research

Ir (1973) Delft University of

Technology (Netherlands)

PhD (1978) University of California,

Berkeley

*Research interests include planning and*

*scheduling, stochastic modeling and*

*supply chain management in the process*

*industries. Editor: Journal of Scheduling.*

*Associate editor: Interfaces, MSOM,*

*Naval Research Logistics, and the Journal*

*of Telecommunication Systems.*

### **Vipul Agrawal**

Assistant Professor of Statistics and

Operations Management

BS (1987) University of Delhi

PhD (1995) University of Pennsylvania

*Research interests include supply chain*

*design and coordination, multi-echelon*

*inventory systems, logistics benchmarking*

*and pricing and supply contracts.*

**Kimberly Bates**

Assistant Professor of Management and Operations Management  
BA (1984) Macalester College  
PhD (1995) University of Minnesota  
*Research interests include operations strategy related to long-term decision making in operations, interorganizational relationships related to operations and purchasing and institutional investor activism related to operations strategy and performance issues.*

**Andrew King**

Assistant Professor of Management and Operations Management  
BA (1981) Brown University  
PhD (1993) Massachusetts Institute of Technology  
*Research interests include dynamic analysis of organizational strategy, strategic response to environmental regulation and intra-firm contracting and negotiation.*

**Michael A. Moses**

Chairperson of the Operations Management Department; Associate Professor of Management  
BA (1962) Worcester Polytechnic Institute  
PhD (1968) Northwestern University  
*Research interests include developing decision support software for operations management problems, determining the financial return to non-financial assets and the study of contracting along the supply chain.*

**Praveen R. Nayyar**

Associate Professor of Management and Operations Management  
BTech (1978) Indian Institute of Technology  
PhD (1988) University of Michigan  
*Research interests include service businesses, diversification, corporate innovation, competitive strategy, globalization, technology management and organization design. Editorial review board: Journal of Management.*

**Sridhar Seshadri**

Associate Professor of Statistics and Operations Research and Operations Management  
BTech (1978) Indian Institute of Technology  
PhD (1993) University of California, Berkeley  
*Research interests include stochastic modeling, coordination issues in supply chains and design of operations. Editorial boards include: Naval Research Logistics, Journal of Telecommunication Systems. Award: Stern Best Undergraduate Teacher (1996-97).*

**Christopher L. Tucci**

Assistant Professor of Management and Operations Management  
BS (1982) Stanford University  
MS (1992), PhD (1997) Massachusetts Institute of Technology  
*Research interests include international technology collaborations, inter-partner overlaps in alliances and technology management.*

**Eitan Zemel**

Deming Professor of Operations Management; Professor of Statistics and Operations Research  
BS (1970) Hebrew University  
PhD (1976) Carnegie Mellon University  
*Research interests include combinatorial optimization, Knapsack problems, quality control. Editorial boards include: Management Science, MSOM, Production and Operations Management.*

*The typical thesis of a doctoral student in Statistics and Operations Research is mathematically sophisticated while still reflecting the desire to address real and practical problems.*

Doctoral work in Stern's statistics and operations research department provides a unique opportunity to combine the theoretical and methodological orientation of an arts and sciences department with the strong focus on applications that comes from being in a business school. Course work in the department reflects aspects of both of these fields, and the typical thesis produced by a doctoral student is mathematically sophisticated while still reflecting the desire to address real and practical problems.

Doctoral students have the opportunity to work with top researchers in the field. The faculty received their degrees from such institutions as Berkeley, Chicago, Columbia, Harvard, Pennsylvania (Wharton), Princeton, Stanford and Yale. Several have received awards for achievement in the discipline and are fellows of professional societies.

**Clifford M. Hurvich**

churvich@stern.nyu.edu  
 Coordinator of Statistics and Operations Research PhD Program;  
 Professor of Statistics and Operations  
 BA (1980) Amherst College  
 PhD (1985) Princeton University  
*Research interests include time series analysis and model selection. Associate editor, Journal of Time Series Analysis.*

**Vipul Agrawal**

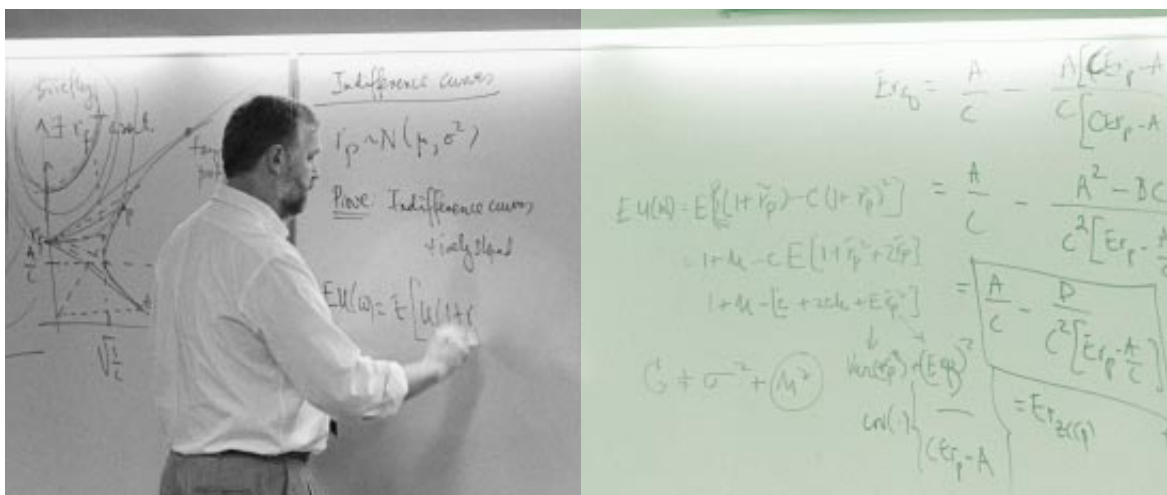
(see Operations Management)

**Richard P. Brief**

Professor of Accounting and Business Statistics  
 BA (1955) Dartmouth University  
 PhD (1964) Columbia University  
*Research interests include accounting theory, income measurement and the development of accounting thought.*

**Samprit Chatterjee**

Professor of Statistics  
 BA (1958) Calcutta  
 PhD (1967) Harvard University  
*Fellow, American Statistical Association. Research interests include linear models, robust fitting, sample surveys, especially censored-value regression problems.*



**Sean X. Chen**

Assistant Professor of Statistics  
 BS, BE (1989) Tsinghua (China)  
 PhD (1995) Harvard University  
*Research interests include sampling techniques, linear models, categorical data and financial models.*

**Rohit Deo**

Assistant Professor of Statistics  
 BS (1988) Ferguson College (India)  
 PhD (1995) Iowa State  
*Research interests include time series and survival analysis.*

**Halina Frydman**

Associate Professor of Statistics  
 BSc (1972) Cooper Union  
 PhD (1978) Columbia University  
*Research interests include stochastic processes, statistical inference for stochastic models in finance and survival analysis.*

**Peter Lakner**

Associate Professor of Statistics  
 BA (1978) Eötvös Lorand (Budapest)  
 PhD (1989) Columbia University  
*Research interests include mathematical finance and stochastic optimization.*

**Edward L. Melnick**

Chairman, Department of Statistics and Operations Research;  
 Professor of Statistics  
 BA (1960) Lehigh University  
 PhD (1970) George Washington University  
*Research interests include time series, stochastic processes and sampling. Associate editor (Time Series & Systems) Journal of Forecasting. Recipient of University Distinguished Teaching Award in 1995.*

**Praveen R. Nayyar**

(see Operations Management)

**Joel Owen**

Professor of Statistics  
 BA (1956) Yeshiva University  
 PhD (1966) Harvard University  
*Research interests include multivariate model building in financial economics.*

**Manfred Padberg**

Professor of Statistics and Operations Research  
 BS (1967) Muenster  
 PhD (1971) Carnegie Mellon  
*Research interests include integer programming and combinatorial optimization, mathematical programming, traveling salesman problems, airline crew scheduling software development and scientific computing. Awards include: Honorable Mention, Lanchester Prize of the Operations Research Society of America (1980); Lanchester Prize of the Operations Research Society of America (1983); Dantzig Prize of the Mathematical Programming Society and the Society for Industrial and Applied Mathematics (1985); Senior U.S. Scientist Research Award, Alexander von Humboldt-Stiftung. Associate editor, Mathematical Programming; Mathematical and Computer Modeling.*

**Michael Pinedo**

(see Operations Management)

**Donald Richter**

Professor of Statistics  
 AB (1952) Bowdoin  
 PhD (1959) University of North Carolina  
*Research interests include statistical data analysis, modeling and quality control.*

**Sridhar Seshadri**

(see Operations Management)

**Gary A. Simon**

Professor of Statistics  
 BS (1966) Carnegie Mellon  
 PhD (1972) Stanford University  
*Recipient of Stern Professor of the Year award, 1992. Research interests include statistics of spatial association and applications to applied science.*



**Jeffrey S. Simonoff**

Professor of Statistics

BS (1976) SUNY (Stony Brook)

PhD (1980) Yale University

*Research interests include statistical methodology and applications, including works on smoothing methods, categorical data problems and outlier identification and robust estimation.*

**Aaron Tenenbein**

Professor of Statistics and

Actuarial Science

BS (1965) Manitoba

PhD (1969) Harvard University

*Fellow, American Statistical Association and recipient of University Distinguished Teacher award in 1993. Research interests include sampling techniques, simulation methodology and regression analysis with applications to estimation of the rating of loan portfolios, forecasting automobile insurance claims, mortality rate estimation for pricing of insurance and annuity benefits and risk management of insurance companies.*

**Christopher L. Tucci**

(see Operations Management)

**Eitan Zemel**

(see Operations Management)

# MANAGEMENT EDUCATION CENTER



## **Doctoral Office**

Stern School of Business

New York University

Tisch Hall

40 West Fourth Street, room 8-11

New York, N.Y. 10012-1118

(212) 998-0740

<http://www.stern.nyu.edu/>

### *Hours:*

Monday - Friday

9 a.m. - 5 p.m.

### *Admission information:*

(212) 998-0740

Monday - Friday

9 a.m. - 5 p.m.