

School of Business, Computer Science and Communication

MASTER OF BUSINESS ADMINISTRATION (M.B.A.)

7 Specializations

Primary Faculty: Prof. Mark W. Meehan (Dean), Dr. David Ahn, Dr. Ralph Grant, Dr. John Laski, Prof. James Muckell, Prof. Connett Powell, Dr. Jesse Stevens, Dr. George Stratis

The Master of Business Administration program provides students graduate training in diverse business-related disciplines. The MBA degrees are based on the program's mission of providing:

- Value-based ethics
- Academic excellence
- Commercially-ready graduates

To achieve that mission, the MBA program has embraced the following learning goals which are implemented throughout the program:

1. Be prepared for doctoral level or advanced graduate level work.
2. Communicate effectively to business professional and highly educated individuals.
3. Demonstrate competence in academic areas in the specified major.
4. Demonstrate practical competence in the major.
5. Be prepared to integrate within the workplace value-based ethics grounded in evangelical Christian traditions, and other sources of intrinsic value.

Within the Master's in Business Administration, students may choose to specialize in Human Resources, Accounting, Finance, Marketing, Management, International Business or Computer Information Systems. The 36-credit programs are offered in cohort style. Qualified students can expect to finish this accelerated program in 16 months. Classes are conducted either in an 8-hour Saturday format at the Nyack campus, or in a 4-hour format on two weekday evenings at the NYC campus. Students must meet the NY state residency requirement by taking at least one course, the Global Strategic Business Policy course (BUS 690) at the Nyack campus. Students are expected to provide their own transportation to the Nyack campus.

Specializations and accounting major courses may be taught at one or both campuses at the discretion of Nyack College. In addition, Nyack reserves the right to offer specializations as independent study under the direction of a faculty member or schedule specializations in alternating years based on student interest. Generally, the MBA program will offer the Human Resources, Finance, Marketing and Management specializations for students starting in September. For students starting in January, the Management specialization will be available. The MBA – Accounting, as well as the International Business and Computer Information Systems specializations, will be offered based on student interest level or in alternate years. Students must declare a specialization upon entry to the MBA program. Change in specialization must be approved by the MBA Director.

Accounting students may conclude their studies with a fifth year consisting of graduate level courses which will satisfy both New York State's educational requirements for licensure as well as requirements for a graduate degree. Licensure requires students to complete an undergraduate accounting degree. Students deficient in undergraduate accounting courses must complete these courses before taking graduate-level accounting courses or have permission from the MBA Director and accounting faculty advisor.

Non-business college graduates who are fully accepted as matriculated students may be required, subject to transcript evaluation, to take additional courses beyond the 36-credit core and specialization-based graduate-level curriculum. See "Additional Courses for Non-Business Major Students" later in this section. Business major college graduates who are fully accepted as matriculated students may also be required, subject to transcript evaluation, to take additional courses. Students may use CLEP or other eligible means to demonstrate competency in these additional courses. The additional graduate courses must be completed before graduate level core or specialization-based courses may be taken.

Students who have completed the MBA may obtain additional specializations at half the tuition rate applicable at the time.

Admission to the MBA Program

A 3.0 GPA at the undergraduate level is required along with the GMAT, except for those who apply for and receive a waiver based on evaluation of the student's past work experience in business. The standard for admission is the attainment of a total of at least 1000 points based on the following formula:

200* Overall GPA or Major GPA (on a 4.0 scale) + GMAT score.

As a reference, the mean national GMAT score in 2004 was 529. The Nyack MBA admissions committee accepts candidates for admission based on the totality of the application.

The following table demonstrates the index based on a range of GPAs.

GPA	GMAT Needed	GPA	GMAT Needed
2.0	600	3.0	400
2.1	580	3.1	380
2.2	560	3.2	360
2.3	540	3.3	340
2.4	520	3.4	320
2.5	500	3.5	300
2.6	480	3.6	280
2.7	460	3.7	260
2.8	440	3.8	240
2.9	420	3.9	220
		4.0	200

An official transcript noting evidence of a baccalaureate degree from an accredited institution is required for admission. Additional courses may be required subject to transcript evaluation. Those courses are described below. All prospective students should submit transcripts and resume for a "pre-evaluation" to determine additional courses needed, and waivers. Lastly, three references are required, one of which must be an academic reference. These guidelines may be modified at the discretion of the college.

Documentation of adequate vaccination for measles, mumps and rubella must be provided by the student in accordance with New York state health regulations for colleges. In addition, a meningitis vaccination response form must be submitted.

Transfer MBA students may be granted waivers for up to 12 credits excluding thesis, strategy and ethics courses. Transfer courses are evaluated upon receipt of an official transcript; only grades of B or higher are eligible for consideration.

Students who do not meet the admissions criteria may be considered for admission on a conditional basis with terms and stipulations defined in the acceptance letter.

Applicants whose primary language is not English must take a Test of English as a Foreign Language (TOEFL) and earn a minimum score of

550 (220 for the computer version). An official score report no more than five years old must be submitted (Nyack's TOEFL code is 8273).

* Curriculum and course scheduling are subject to change at the discretion of the college.

MBA Program Curriculum (36 credits)

1st Trimester (all students take this track)

BUS 610 - Managerial Thought & Ethical Implications	3
BUS 619 - E-Commerce Business Models	3
BUS 650 - Global Business & Operations	3
BUS 700 – Thesis Writing	3

2nd Trimester (Choice of Specialization)

Computer Information Systems Specialization

- BUS - 611 Strategic IS Management
- BUS - 612 IS and Technical Management
- BUS - 613 Database & Knowledge Management Systems
- BUS - 614 Business Systems Analysis & Design

Finance Specialization

- BUS - 671 International Finance
- BUS - 672 Mergers and Acquisitions
- BUS - 673 Investment and Portfolio Management
- BUS - 674 Financial Engineering

Human Resource Management Specialization

- BUS - 621 Organizational Theory
- BUS - 622 Training and Development
- BUS - 623 Managing Change
- BUS - 624 Employment Law, Recruitment & Selection

International Business Specialization

- BUS - 651 International Economics
- BUS - 671 International Finance
- BUS - 653 International Marketing
- BUS - 654 International Legal and Cultural Implications

Management Specialization

- BUS - 620 Human Resources Strategy & Organizational Structure
- BUS - 680 Case Studies in Managerial Economics
- BUS - 660 Strategic Market Management
- BUS - 630 Managerial Accounting

Marketing Specialization

- BUS - 661 Consumer & Organization Buyer Behavior
- BUS - 662 Market Research
- BUS - 663 Advertising and Promotion
- BUS - 664 Channel Management

Accounting Specialization

- BUS 710 - Accounting Information Systems: Control and Audit
- BUS 720 - Advanced Issues in Taxation
- BUS 730 - Advanced Accounting II and Research
- BUS 740 - Contemporary Problems in Public Accountancy Practice

3rd Trimester (all students take this track)

BUS 640 - Operations Management	3
BUS 670 - Case Analysis in Financial Management.....	3
BUS 690 - Global Strategic Business Policy	3
BUS 760 - Entre/Intrapreneurship.....	3

Total credits required each degree36

**Additional Courses for Non-Business Major Students
(up to 18 credits)**

BUS 506 - Accounting.....	3
BUS 508 - Corporate Finance.....	3
BUS 501- Management Concepts.....	3
BUS 503 - Principles of Economics	3
BUS504 - Computer Information Systems	3
BUS505 - Marketing.....	3

Total credits required for degree 54

Academic Probation

To preserve the academic integrity of the MBA Program, students are required to follow the guidelines and policies of the college, adhere to the program entrance requirements, and maintain a 3.0 grade point average, referred to as *Satisfactory Academic Standing (SAS)*. Any student falling below a 3.0 GPA following completion of their first semester (the 4th course), will be notified of their status of academic probation. A second notification of failure to meet *SAS* will result in dismissal from the program. It is the student’s responsibility to monitor their course grades, overall progress and cumulative grade point average. Students should initiate action and seek guidance from their advisor or the program director.

With MBA Director and advisor approval, students may retake a course with less than a B grade at their own expense at Nyack College in an effort to raise their GPA to SAS. A specific course may only be repeated once. Students may be advised by faculty or the Director to change their specialization if the student's SAS would be better served.

Upon successful restoration of the required minimum GPA (no longer than two courses into the next trimester), the student will receive notification of their non-probationary status.

Attendance

Students are required to attend all classes. Prior notification and approval is required for ALL missed classes. The professor may give an alternative assignment at his/her discretion for a single class missed in a course. Any subsequent missed classes require approval from the Director of the MBA program to be able to continue.

Appeals

Appeals are first submitted in writing to the professor and then to the MBA Director. Final determination of MBA Program policy issues will be directed to the Director of the MBA Program for further action.

Appeals of an academic nature must be submitted in writing to the MBA Program Director within five business days of the academic event in question (i.e. test, presentation, grade notification, etc.). The student will be notified of the process (dates of meetings, hearings, etc.). If the decision of the Program Director is to be appealed further, that appeal must be made in writing to the Dean of the School of Business. Further appeals beyond the Dean of the School of Business shall be submitted in writing to the Provost and Vice President for Academic Affairs, who makes the final decision.

Any questions of appeal that arise beyond the five business days at any step in the process, shall be considered a waiver of further appeal. The last decision rendered, if any, shall be deemed a final resolution. It is the responsibility of the student to adhere to the appeal process. Bypassing the process will not be tolerated.

Time Limitation on Program Completion

A student in the MBA Program will have three years to complete the degree requirements for graduation, including the thesis. After three years no degree shall be awarded, and the permanent student record will reflect the student as dismissed.

Completion of a course previously paid for must take place within three years. After three years, the full price of the course will be charged.

Thesis

Students who miss the March 1 deadline for thesis completion will be charged one credit hour for extensions each lasting the equivalent of one course (five weeks) subject to the three-year limitation described above. Students completing their thesis after March 1 may be precluded from participating in commencement exercises.

A thesis defense may be required at the discretion of the MBA Director. Students are expected to follow all thesis guidelines and should retain an editor familiar with APA format to screen the document for compliance, style, English and grammar. The thesis advisor assists the student with subject matter and scholarly issues relating to the thesis. The APA editor is subservient to the thesis advisor.

Final Assessment Testing

Upon completion of coursework for the MBA program, all students must take the ETS MBA Assessment Test. This is for evaluation purposes only and will not affect student grades. This test may be waived under special circumstances with approval from the Program Director.

Plagiarism

Plagiarism or cheating of any kind is not tolerated. Remedies for such offenses may include, but are not limited to, a grade of “F” for the item in question, a grade of “F” for the course, dismissal from the program, dismissal from the school per Nyack College’s policy on plagiarism as noted in the graduate catalog.

Classroom Etiquette

MBA students are expected to behave in a professional manner in class and at MBA activities. Harassment, as defined in the college’s policy manuals, of fellow students, faculty and staff will not be tolerated. Faculty may ask a student to leave a class session if, in their opinion, the student is engaging in harassment or behaving in an unprofessional manner. This can include, but is not limited to, the use of cell phones, MP3 or other audio and/or video devices, disruptive or rude behavior that is not conducive to learning.

Students may appeal this action by following appeal procedures outlined above. The MBA Director and/or Dean may take action which could include the student’s dismissal from the program.

College policy prohibits children or other dependents in the classroom. The Dean of the School of Business must approve any exceptions.

Course Descriptions

BUS 501 Management Concepts (3)

Covers the basic managerial functions of planning, organizing, motivating, and controlling. Includes a review of organization and management theories and methods.

BUS 503 Principles of Economics (3)

Survey of current applications of economic theories for the US economy and for the individual firm and household.

BUS504 Computer Information Systems (3)

The course is intended to improve the prospective manager's ability to make competitively advantageous decisions at the operational, tactical and strategic level through the use of information systems.

BUS 505 Marketing (3)

An overview of the marketing function for business examining pricing strategies, promotional techniques, distribution networks, and product development with an emphasis on consumer behavior.

BUS 506 Accounting (3)

Fundamentals of theory and practice, principles of double entry, design and use of books of account and costing typical transactions, balances, work sheets, preparation of statements and balance sheets. Introduction to cost accounting, budgeting, and managerial concepts, relationships, transfer of real and personal property, partnerships, corporations, and related topics.

BUS 508 Corporate Finance (3)

Principles of financial planning for the organization. Topics included are capital budgeting, risk analysis, ratio analysis, financial planning and control budgeting.

BUS 610 Managerial Thought and Ethical Implications (3)

This course provides an historical context for the study of business by reviewing the evolution of management thought and the ethical implications of each stage of thinking from scientific to behavioral to systems/management systems. Through class discussion and student research, the class will debate current issues and speculate on the evolution of management thought through the information age. The Christian worldview will be used to frame the discussion and case analysis.

BUS 611 Strategic IS Management (3)

This course explores the impact and integration of information technology (IT) and information systems (IS) on business strategies to achieve corporate

objectives and improve organizational effectiveness. Topics include IS/IT concepts, models and frameworks, investment, planning and evaluation of information systems for strategic purposes and the role of IS/IT in transforming the organization to gain a competitive edge.

BUS 612 IS & Technical Management (3)

Explores all aspects of principles of management and the human resource implications as they apply to technical professionals and project management of IS applications.

BUS 613 Database & Knowledge Management Systems (3)

Surveys database and knowledge concepts, tools, models, design and applications. Topics include adoption, implementation, management and business model impacts.

BUS 614 Business Systems Analysis & Design (3)

Methods and techniques for analyzing existing systems and designing new ones are reviewed. A framework based on the stages of the systems development lifecycle including project definition, feasibility study and systems design is used.

BUS 619 E-Commerce Business Models (3)

The course studies how e-commerce is conducted and managed and its major opportunities, limitation issues and risks. The applications cover B2C, B2B and intra-business. It also reviews Information Technology, MIS and DSS systems and their managerial impact on the firm. The evolution of these systems into e-commerce will be explored as they impact current business models and assumptions. Students will pick an industry and examine the relevance of e-commerce on current business models and on the structure and competitiveness of that industry. Lecturers and seminar-like discussions will allow students to think through implications.

BUS 620 Human Resources Strategy & Organizational Structure (3)

This course briefly reviews prior learning in Human Resources Management (e.g. best practices and research on motivation, recruitment & learning, compensation & benefits, job analysis & evaluation, etc.) and expounds/explores how these theories and practices can be tied to meeting competitive challenges of the organization. Discussion includes, among others, the application of the HRM theories on global, quality, social and technological challenges facing very dynamic U.S. businesses today.

BUS 621 Organization Theory and Development (3)

Surveys theories of organizational systems, diagnostic frameworks, development, and remediation. Examines trends and impacts of technological,

e-commerce, economic, behavioral, political, and communication issues on organizational systems.

BUS 622 Training & Development (3)

Explores training and development concepts and practices for human resources including managerial development. Cases and exercises are used to assess training and development needs, set training and development objectives, deliver training programs, and evaluate aspects of post-delivery effectiveness.

BUS 623 Change Management (3)

Examines the roles of change agents and human resource professionals in the implementation of organizational change. The course surveys methodologies, tools, and skills used in change management. Cases and exercises will be used to reinforce concepts taught.

BUS 624 Employment Law, Recruitment and Selection (3)

The course surveys methodologies for forecasting, recruitment and selection of personnel, the administration of compensation systems, the legal aspects of human resource management and compliance issues. Ethical issues are integrated into the course content.

BUS 630 Managerial Accounting (3)

This course focuses on the use of financial/accounting information as a source for managerial decision-making, planning and evaluating performance. Topics include profit planning, cost analysis, activity-based costing and management, expense and capital budgeting, contribution and value chain analysis, product costing, etc. Concepts will be applied to case studies to be done both individually and in groups.

BUS 640 Operations Management (3)

The course involves working with the contemporary themes of quality, competitiveness and strategy. While working with the functional topics such as product and service design, total quality management, facility layout, process planning, scheduling and supply chain management, the course ties each of these functional topics back to the major themes, quality, competitiveness and strategy.

BUS 650 Global Business & Operations (3)

This course briefly reviews prior learning in international business subjects at the undergraduate level (e.g. political, economic, cultural factors underlying international business, international trade theories, etc.) and uses these in analyzing international business operation cases. Advanced issues that concern multinational corporations will be discussed. Topics include: the logistic issues of firms conducting business beyond their domestic markets, NAFTA countries, the Pacific Rim business environment including South and East Asia, Latin America, European Union countries, and specific operational and strategic concerns of multinational players.

BUS 651 International Economics (3)

Examines the theory of international trade and international monetary economics as it is applied to corporate planning and operations. Topics include gains from trade, comparative advantage, tariffs and other trade interventions, balance of payments, models of adjustment, flexible vs. fixed exchange rates, and the role of institutions such as GATT, the IMF, the World Bank, the Eurodollar market and the role of central banks.

BUS 653 International Marketing (3)

Applies marketing concepts to the international arena and analyzes international marketing programs, focusing on cultural and institutional differences and the application of the marketing mix to adapt to and make use of these differences.

BUS 654 International Legal and Cultural Implications (3)

Reviews the national rules/regulations and institutions governing foreign transactions. The course covers licensing and joint ventures, financing, dispute resolution, IMF, the Common Market, GATT, antitrust, taxation and counter trade.

BUS 660 Strategic Market Management (3)

This course briefly reviews prior learning in marketing such as marketing basics (e.g., marketing mix), segmentation, market research, channel management, advertising, pricing, competitive analysis and positioning, consumer and industrial buyer behavior with a focus on creating market strategy, brand identity and positioning for the firm. It extends that learning through discussion on current & evolving strategic marketing processes and decision tools. Cases are used extensively so that students use their knowledge to develop comprehensive marketing strategies that include, among other things, an assessment of the environment, sales forecasts, advertising strategy, target marketing and a budget.

BUS 661 Consumer & Organization Buyer Behavior (3)

Reviews concepts and techniques from the behavioral sciences (psychology, sociology, anthropology, economics and marketing research) to marketing management. Case studies are used to develop application skills for consumer and commercial buyer behavior.

BUS 662 Market Research (3)

The course demonstrates how market research can be used as a tool in decision-making. Course is designed to provide a basic understanding of the research process which includes identifying and defining marketing problems with sufficient precision to permit the collection of the appropriate market data through data collection techniques, data tabulation, analysis, interpretation of results and marketing implications.

BUS 663 Advertising and Promotion (3)

Examines the techniques and tools of advertising and promotion within an integrated communications platform in the achievement of marketing management objectives. Topics include: objectives, targets, budgets, media, themes, measurement and research.

BUS 664 Channel Management (3)

Reviews the alternative channels used to market products and services. These can include direct and indirect sales, direct mail, direct response, telemarketing, e-commerce, etc. Issues of channel conflict are explored.

BUS 670 Case Analysis in Financial Management (3)

This course briefly reviews prior learning in financial management such as time-value of money, security evaluation, project assessment, investments, asset management, capital structure and policy with a focus on integration through group-based case analysis. Cases are used extensively so that students use their knowledge to develop comprehensive financial strategies that include, among other things, assessment of mergers and acquisitions, project and portfolio evaluation, financing and other current issues in financial management.

BUS 671 International Finance (3)

Surveys and analyzes the financial environment, risks, goals and problems of the multinational corporation. The course covers balance of payments accounting and analysis techniques, international monetary systems, foreign exchange rate determination, risk and forecasting, and risk management techniques.

BUS 672 Mergers and Acquisitions (3)

Examines the history, legal framework and motives of mergers, business valuation & financing, managerial & operational implications, as well as leveraged buyouts, junk bond financing and other forms of corporate restructuring.

BUS 673 Investments and Portfolio Management (3)

Topics include theories and techniques of security analysis and the evaluation of investment alternatives and portfolios. The use of futures, options and other derivative securities in portfolio management are discussed.

BUS 674 Financial Engineering (3)

The course reviews market structure, price determination and risk/return characteristics of options contracts, forward contracts, futures contracts, swaps and other financial derivatives. Students will develop skills in the creation of financial instruments.

BUS 680 Case Studies in Managerial Economics (3)

This course is a practical application of microeconomic theory as it applies to decision making in the firm. Students will apply concepts to intensive case studies which can include elements of risk, uncertainty and forecasting.

BUS 690 Global Strategic Business Policy (3)

This course is a capstone for the MBA program and seeks to integrate all prior courses. Students work on significant cross-disciplinary strategic cases in “consulting groups” to assess the current situation and based on case and other secondary material, prepare in-depth policy recommendations and present findings to “senior management” (a panel of MBA professors). Must be taken at the Nyack campus to fulfill the NY State residency requirement.

BUS 700 Research Methods (3)

Provides an overview of methodological and design strategies with which to conduct research work in the academic and the corporate sectors. Topics covered in the course include research methodology and design, fundamental statistical analyses application to research methodology. Qualitative and quantitative literature reviews will also be examined.

BUS 710 Accounting Information Systems: Control & Audit (3)

Designed to provide the advanced accounting student with an in-depth understanding of computerized accounting & auditing techniques. These include survey of available computer software, audit trails, test data, sampling techniques, etc.

BUS 720 Advanced Issues in Taxation (3)

As opposed to the undergraduate taxation course that focuses on federal laws regarding individual taxation, this course covers entities such as C Corporations, S Corporations, Partnerships, LLC's/LLP's, Estates and Trusts. Once these areas have been surveyed, students will be assigned research cases (many of which will involve individual taxation issues due to the inclusion of Partnerships, S Corporations and LLC's) that require them to suggest strategies and compute alternative liabilities.

BUS 730 Advanced Accounting 2 & Research (3)

Designed as a continuation of the advanced accounting course taken during undergraduate studies, this course will cover special accounting procedures and problems with respect to entities not previously addressed, such as partnerships, estates, trusts, governmental units, and receiverships. Also, the course will cover the interrelationships between SEC requirements and those of the FASB and GASB. Cases will be assigned to students that require researching FASB pronouncements and securities law in order to arrive at an opinion regarding the facts in each assigned case.

BUS 740 Contemporary Problems in Public Accountancy Practice (3)

Reviews current AICA practice changes & announcements, and focuses on problem solving. Includes topics such as partnership liquidation, corporate, fiduciary & individual tax worksheets, process & job costs, etc.

Faculty

(Year indicates appointment to faculty)

David S. Ahn, *Head, Department of Computer Science; Professor of Computer Science.* B.E., SUNY Stony Brook; M.S., Columbia University; Ph.D., CUNY. Executive level IT industry experience in banking and finance; financial and technical advisor of venture capital firms; research interests in e-Commerce, webservices, strategic IT planning & management, wireless networking, and network security; published numerous papers in Networking and Webservices; member of Eta Kappa Nu, ACM/IEEE, and KOCSEA. 1997.

Ralph T. Grant, *Head, Department of Business, Economics and Accounting, NYC Campus; Professor of Business.* B.S., B.A., Shaw University; M.B.A., MSc. Chadwick University; Ph.D., The Union Institute. Councilman/Executive Director of Newark Human Rights Commission and other public services organizations; President, City Council, Newark, NJ; active in civil rights movement; Board of Trustees, Shaw University. 2001.

John Laski, *Director of MBA; Associate Professor of Finance*. B.S., Nyack College; M.B.A., St. Thomas Aquinas College; D.B.A. Finance and International Business, Nova Southeastern University. Extensive sales, investment management and operations experience in the financial services and heavy equipment industries; series 7 and 24 certified; operations management engineering and consulting; Certified Manufacturing Engineer; US military experience. Published and Who's Who listings. 2002.

Mark W. Meehan, *Dean of the School of Business, Computer Science, and Communication*. B.S., M.Ed., Columbia International University; Ph.D. candidate, University of South Carolina. Faculty, Assistant Academic Dean, Associate Dean for Extension Education, Vice President for Advancement, Columbia International University. Teaching and consulting in Asia, Africa, the Middle East, and Europe. Executive Vice President, President, Somerset Christian College. Board member, the Leadership Center of New York. 2007.

James G. Muckell, *Associate Professor of Accounting*. B.S. Accounting, Fordham University; M.B.A. Management, Pace University. C.P.A.; owns and operates C.P.A. firm. 1996.

Connett Powell, *Associate Professor of Accounting*. B.B.A. Accounting, Baruch College; M.A. Accounting/Economics, Brooklyn College. C.P.A.; Enrolled Agent (IRS); government and industry accounting positions. 2002.

Jesse Stevens, *Assistant Professor of Finance and Economics*. B.S., Theology/Christian Ministry, Eastern Mennonite; M.S.W. Social Administration, Columbia University; M.B.A. Finance, Pace University; D.B.A. Management & International Business, University of Sarasota. Vice President of Investments and other in financial services industry; series 7 and 24 certified. 2004.

George Stratis, *Professor of Business and Finance*. B.S.E.E., Polytechnic Institute of Brooklyn; M.S.E.E., New York University; M.B.A. Finance, New York University; D.B.A. Finance, Nova Southeastern University. Significant telecommunication's industry experience in marketing, sales, engineering, finance, strategy and consulting. Published and in numerous Who's Who listings. Member of IEEE, Sigma Beta Delta--National Honor Society for Business, Management and Administration, Eta Kappa Nu Association--Electrical Engineering Honor Society. 1999.