Table of Contents

I. Introduction to the SCM Ph.D. Program 4

Preface
  • SCM Ph.D. Committee Mission Statement
  • Objectives
  • Desired Output
  • Desired Input
Admission
Program of Study
Desired Process
Summers
ASU Course Work

II. Annual Reviews, Exams, and Dissertation 10

1. Annual Review/Evaluation
  • Evaluation Criteria
    a. Grades
    b. Assignments
    c. Satisfactory progress
    d. Seminar participation
    e. SPEAK test
    f. Collegiality

2. The Comprehensive Exam
  • Exam Process
    o Pre-proposal
  • Examination Sub Committee
  • Official Notification of Results
  • Invitation to rewrite for informal feedback

3. Dissertation
  • Dissertation Proposal
  • Three paper option
  • Final Oral Defense
4. Termination from the program

III. Other Aspects of the Program 16

- Job Placement
- Travel Grants
- Plagiarism
- Scholarships Available

IV. Faculty Biographies 18

V. Graduate Student Forms 28

Quick guide to completing graduate degree

1. Administrative Procedures, Guidelines and Forms
I. INTRODUCTION TO THE SCM PROGRAM

1. Preface:

This handbook is designed to codify and clarify the various procedures and requirements relating to graduate work in Department of Supply Chain Management. Questions of interpretation should be addressed to Dr. Elliot Rabinovich, Doctoral Program Coordinator for Supply Chain Management.

This is a living document.

The SCM Ph.D. Committee Mission Statement:

Mentor, train and educate Ph.D. students to become successful researchers and educators at top tier, Research 1 universities.

Objectives:

The objective of the Ph.D. in Business Administration with a concentration in Supply Chain Management (SCM) is to prepare scholars to conduct high-quality research and teach in the field of supply chain management. Supply Chain Management incorporates the core areas of logistics, operations management, and sourcing/purchasing.

It is a full-time residential program for students whose career goals are full-time university research and teaching upon completion of the degree. Students are trained to develop the capability to recognize SCM-related problems, frame these problems into research questions, and address them in a scholarly way. Students are encouraged to exercise their creativity and critical thinking. They are required to review, analyze, conduct, and publish research through a series of doctoral seminars and other course work that supplements and complements students’ abilities and desires.

In addition, doctoral students need to work on ongoing research projects in conjunction with faculty members in the SCM Program and with CAPS Research—an affiliation between the W. P. Carey School...
of Business and the Institute for Supply Management (ISM). At the end of each summer, all students are required to submit at least one new manuscript to the Doctoral Committee for evaluation. During the residency, each student will be required to serve as a research assistant working with a faculty member and as a teaching assistant (with classroom responsibility). As a result, students will have a variety of experiences that should enhance their success as faculty members at leading institutions of higher education.

**Desired Output:**

Placement in top 50 Research I universities.

**Qualifiers** for placement at top 50 institutions:

- Likelihood of degree completed prior to leaving
- Articles accepted in peer-reviewed journals
- Teaching experience and good teaching evaluations
- Strong content knowledge
- Strong skills in appropriate research methods
- Journal articles in the pipeline
- Collegiality

**Winners** for placement at a top 50 institutions:

- Journal articles accepted or published in premier academic journals—three such journals that the SCM department faculty publish are *Decision Sciences*, *Journal of Operations Management*, and *Production and Operations Management*.
- Clear research program plan and strong potential for publication success
- Ability to teach in the MBA program immediately

**Desired Input:**

Ideal candidates have some industrial experience and a Master’s degree in an SCM-related field.

Additional characteristics include:
• Writing skills
• Creativity
• Communication skills, verbal and written
• Willingness and ability to work independently and initiate projects
• Research skills and experience
• Desire to place in a top-tier business school
• Desire to exercise leadership in SCM field
• A collegial attitude
• Other attributes include:
  o Competitive GMAT scores
  o Competitive GPA in previous graduate work
  o Strong reference letters
  o Personal statement that demonstrates a fit between our goals to place our students at top business schools and the desires of the applicant
  o Other criteria deemed important by the SCM Doctoral Committee

Knowledge expectations upon arrival:

• Basic knowledge in purchasing/sourcing, operations management, and logistics
• Command of basic knowledge in operations management, sourcing/purchasing, and logistics from basic texts in these three areas
• MBA core knowledge competency
• Mathematics/Statistics aptitude and knowledge
• Extensive computer skills
• Behavioral science foundation knowledge including human decision processes
• Some technical undergraduate studies and/or work background

2. **Admission:**

The Supply Chain Management Program admits students who have demonstrated superior performance in previous degree programs and the Graduate Management Admissions Test (GMAT) or Graduate
Research Examination (GRE). A full-time course load is required until successful completion of the comprehensive exams. Students should be able to complete the degree program in four to five years, including course work, comprehensive exams, and dissertation.

Typically, financial assistance is provided for up to four years to students. Before a student can be admitted to the Ph.D. program in Supply Chain Management, all applications materials must be submitted through the Division of Graduate Studies. The application must then be approved by the program’s graduate admissions committee and the associate dean in the W. P. Carey School of Business.

3. **Doctoral Degree Plan of Study:**

The Ph.D. program consists of a minimum of 84 semester hours of approved graduate course work beyond the bachelor’s degree. This minimum includes 12 hours in the basic program, at least 30 hours in the advanced program, and 30 hours of additional course work. Also required are 12 hours of research and 12 hours of dissertation.

*The SCM Department requires doctoral students to follow the lock-step curriculum during the first two years. The curriculum will offer students 48 credit hours of formal graduate course work in residence at ASU. This minimum leaves a maximum of 12 credits to be imported from previous graduate course work. Students are encouraged to continue taking the methodology courses beyond the first two years.*

Doctoral Students should consult with the Doctoral Coordinator or other advisor to help develop a course-work plan that increases the probability of success in the doctoral program. Please direct inquiries:

Dr. Elliot Rabinovich  
SCM Doctoral Coordinator  
E-Mail: Elliot.Rabinovich@asu.edu or (480) 965-5398
4. **Desired Process:**

The program is generally viewed as an integrated 4-year process. Most students will serve in research assistantships for all 4 years. Teaching assistantships will typically be made during the last two years. This allows doctoral students to get research projects and manuscripts into the multi-year pipeline typical of accepted research articles. Through our centers, institutes, and faculty, the SCM program has special opportunities for industry-based research projects.

**Summers**

Summers are intended for manuscript writing. At the end of each summer, all doctoral students are required to submit at least one new manuscript ready for submission to a journal for publication. Students are encouraged to approach a faculty during the academic year for the purpose of supervising manuscript preparation and writing. The doctoral committee expects the bulk of the writing is to be done during the summer by the student.

5. **ASU Course Work:**

1. Four SCM 791 content seminars: Supply Management, Operations Management, Logistics, and Inventory Management seminars (3 credits each).

2. Two research methods courses jointly offered by the Supply Chain Management Department and Management Department (3 credits each).

3. Other graduate courses as listed in the curriculum—ECN 510 Microeconomics Theory and Application and ECN525/STP530 Applied Regression Analysis (Year 1 Fall); ECN535/STP533/PSY532 Multivariate Analysis; PSY534 Psychometrics, ECN527 Categorical Data Analysis, ECN530/IEE572/PSY 555 Experimental Design, PSY 533 Structural Equation Modeling (Year 2 Spring).
4. Doctoral seminars in Marketing (MKT 791) or Management (MGT 791) or related field. Other 791 content seminars may be offered based on student interest. Potential topics include Service Operations, Transportation, Manufacturing Systems, Operations Strategy, Project Management, Product Design & Development, Quality, Environment, and Information Technology.

5. SCM792 – Independent Study credits which are directed by SCM Faculty and result in the development of a significant research paper. These papers should be prepared for presentation to the SCM faculty in research seminars and/or conferences.

6. Additional course work and/or seminars that are related to a “supporting field.” For instance, courses in statistics, optimization, simulation, and decision models to support research (advanced graduate courses beyond the foundation mathematics and statistics aptitude and knowledge expected prior to arrival). Also, additional methods courses such as multivariate statistics, survey design, and so on. Some of the suggested courses are as follows—IIE 545 Simulation of Stochastic Systems, IEE 572 Design of Engineering Experiments, , SOC 507 Social Statistics IIA: Categorical Data Analysis, SOC 509 Social Statistics IIC: Event History Analysis; STP 534 Applied Discrete Data Analysis; IEE 574 Applied Deterministic Operations Research; ECN 716 Economics of Uncertainty, Information, and Strategic Behavior; ECN 525 Econometrics I.

7. SCM Masters-level courses based on offerings, traditional emphasis, and student background.

8. Any additional course work or readings classes needed to conduct a planned research program in SCM such as economics, organization theories, and organization behaviors.
II. ANNUAL REVIEWS, EXAMS, AND DISSERTATION

1. Annual Review/Evaluation:

At least once a year, an annual review of each Ph.D. student will be conducted to monitor the progress of that student. The objectives of the review are to recognize outstanding performance, correct any problems that might have arisen, prevent possible problems from occurring, and to encourage professional development. Each year, one student is selected to receive the “Distinguished SCM Doctoral Fellowship.”

The review committee will consist of the SCM Doctoral Program Committee and Ph.D. Coordinator. Progress will be reviewed with regard to the successful completion of course work, comprehensive examinations, and with regard to the teaching and research assistantships held by the student. *If progress is not acceptable, withdrawal from the program may be recommended.* All faculty who have had graduate assistants assigned to them during the year will also provide input to the review process.

**Evaluation Criteria:**

The SCM Doctoral Committee may also make recommendations concerning the continuation of financial aid and also for the discontinuation of financial aid. The primary factors taken into account by the SCM Doctoral committee when evaluating a student are the following:

a. Grades
   Graduate students are expected to maintain a minimum of 3.00 GPA. The SCM Doctoral Program Committee views a GPA below a 3.00 as cause for termination of aid and a recommendation to withdrawal from the program.

b. Assignments
   Graduate students are expected to fulfill all duties associated with any teaching or research assignments. All students are expected to teach and work for faculty members during their
graduate studies, regardless of whether they have full external financial support. This is an important aspect of doctoral education. *The SCM Doctoral Program Committee views any failure to fulfill these duties as cause for termination of aid. A student’s refusal to work during graduate studies is viewed as grounds for asking the student to leave the program.*

c. Satisfactory Progress in the Doctoral Program
   Graduate students are expected to complete all program requirements, such as completion of required courses and meeting the qualification requirements for the Ph.D., typically in 2-3 year time frame. The SCM Doctoral Program Committee views any failure to do so as cause for termination of aid and recommended withdrawal from the program.

d. Seminar Participation
   *All Graduate students are expected to participate in SCM sponsored seminars.* The SCM Doctoral Program Committee views seminar participation as an important component of the student’s educational experience.

e. *All students for whom English is not their first language are required to take a “SPEAK” test in August or September in the first semester of their Ph.D. program.* If the student does not pass the test, he/she is required to take additional written and spoken English courses (above and beyond the credits required for graduation as recommended by the program advisor). The student will be expected to retake the test until he/she passes it. If he/she does not pass the exam by the end of his/her first year of study, he/she will lose University funding. Students will not be allowed to take the comprehensive exam without passing the SPEAK test.

f. Collegiality and working with your fellow graduate students is an important part of doctoral education, and one of the reasons the department of SCM accepts only full-time students in residence. A student’s ability and willingness to work with others is included as an important point in each student’s evaluation.
g. When a student submits a written document to a faculty to review, a typical turn-around time is 2 weeks. Unless otherwise understood, the preceding statement does not obligate the faculty to review any documents. It is incumbent on students to seek out faculty and initiate the dialogue.

2. The Comprehensive Exam:

Each student is required to successfully complete a comprehensive examination that covers the field of Supply Chain Management. Before sitting for the comprehensive exams, each student is required to have at least one article submitted/under review at a peer-reviewed journal.

Each student must complete the examination upon the completion of two-year curriculum. Depending on the evaluation results, a student who fails the written comprehensive exam the first time may be asked to leave the program or may be given an opportunity to retake the exam the following year. No student may sit for the examination until all course work in the approved Program of Study (POS) is completed.

The Comprehensive Exam will be offered as a take-home exam and will consist of questions from four content areas and methods courses. Four content areas are: sourcing/purchasing, operations, logistics, and inventory theory. The questions are designed to test the student’s ability to understand the problem posed, frame the context, and apply appropriate body of knowledge and research methods. The purpose of the comprehensive is to test mastery of content in all areas of SCM and to test readiness to undertake the dissertation.

Comprehensive Exam Process

The exam will be distributed on Monday after the final exam week of the Spring Semester. It will then be collected on Friday the following week.
The examination committee, as described below, will review the completed written responses from the students. The purposes of the review are (1) to evaluate the capability of the student to continue in the program, (2) to provide direction and move the student forward in the program, (3) to provide transition from coursework to the dissertation phase, and (4) to improve the student’s ultimate ability as a faculty member at a major research university.

Upon the completion of reviews by the examination committee, each student will meet with the committee members and receive feedback. A student may receive a pass, a retake, or a dismissal from the program. Under no circumstances, a student is allowed to take the comprehensive exam more than twice.

**Examination Sub-Committee**

The examining committee will consist of members to be selected from the SCM Doctoral Program Committee, and the faculty members who have taught the 791 doctoral seminars. As per the School of Business Ph.D. program document, each examined student’s program chair must be a member of the examining committee. Selected faculty in the SCM program will be asked to submit questions for the examination. In Department of Supply Chain Management, the Doctoral Program Coordinator serves as the Program Committee Chair for the student.

**Official Notification of Results**

The examining committee will notify the student’s Program Committee Chair and the Associate Dean of Academic Programs of the results of the examination. The Associate Dean will then notify the student. Results will be given as High Pass, Pass, or Fail.

**Invitation to rewrite for informal feedback**

Occasionally, one or more students may be invited to rewrite the responses to questions for developmental purposes. A student may do so once given the deadline set by the faculty is met. Anything
beyond this, the student needs to make special arrangements with each faculty.

3. **Dissertation:**

The dissertation is a major research project that should lead to publishable quality manuscripts. The dissertation typically requires at least the equivalent of one year of full-time academic work. Each student will have a dissertation committee composed of a chair and at least two, but no more than four, additional members. The purpose of this committee is to guide the student through the dissertation and to approve the final dissertation. The chair or co-chair must be a fulltime faculty member in the Department of Supply Chain Management or be approved by the SCM Doctoral Committee.

**Dissertation Proposal:**

Each student will prepare and present a formal dissertation proposal. The proposal must be presented in a seminar open to all faculty and students. The dissertation committee determines the format of the seminar and determines whether or not the student has successfully defended the proposal. The dissertation committee chair then notifies the Associate Dean of Academic Programs with written notification of successful completion of the proposal.

**Three Paper Option**

A student may write three related but independent papers to meet the requirement of dissertation. The student must have intellectual ownership of these papers and the dissertation committee must approve these three papers. At least one paper must involve data, collected from the real world or generated from simulation or mathematical models.

**Final Oral Defense:**

A final oral examination in defense of the dissertation is required and must follow the guidelines established by the Division of Graduate
Each student should complete the final oral examination within five years after passing the comprehensive examination.

4. Termination from the program

The doctoral committee may ask the student to leave the program at any time during his/her doctoral study, if the committee decides that the student is not making appropriate progress toward the matriculation of the degree. The student will be obligated to follow the instructions of the committee as articulated in the written letter.
III. OTHER ASPECTS OF THE PROGRAM

Job Placement: The dissertation chairperson coordinates the placement activity of their respective Ph.D. student. Students entering the Ph.D. market are given information on how jobs are advertised, the annual meetings of their area specialties and other regional meeting where job interviews occur, and the development of an individual placement package. The placement package generally includes a vita, four letters of recommendation, and the candidate’s job market paper. In addition, the SCM Department provides partial funding to national job market meetings.

Travel Grants: The department will fund up to $700 per year per student to support doctoral student travel, subject to availability of funds. All students are required to have applied for the Division of Graduate Studies and university-level travel grant prior to receiving travel support from the department. The Division of Graduate Studies announces travel grants for all regularly admitted doctoral and master’s students who will present papers, research projects, or creative activities at regional or national conferences.

At the conference, all students are expected to attend sessions and actively participate in conference events. The approved list of conferences includes: Academy of Management, Council of Logistics, Decision Sciences Institute, INFORMS, North American Research Symposium, and Production and Operations Management Society.

The order of priority for funding is as follows:
1. Doctoral students on the job market—Each should be funded for at least one conference per year where substantial recruiting occurs, assuming the student has a realistic chance of employment at a top 50 U.S. business school.
2. Doctoral students who are presenting competitive papers at conferences - one per year with priority in funding in order of seniority in the program.
3. Doctoral students who are "ready" for a doctoral consortium at a major conference - one per student.

Plagiarism: Any doctoral student caught in the act of plagiarism is subject to immediate dismissal from the program. According to
Arizona Administrative Code: Title 7 Education, Chapter 4, Arizona Board of Regents, plagiarism means “intentionally or knowingly representing the words or ideas of another as one’s own in any academic exercise” (R7-4-101, Definitions #11). Further, “The following misconduct is subject to disciplinary action: 1. All forms of student academic dishonesty, including cheating, fabrication, facilitating academic dishonesty and plagiarism” (R7-4-102, Prohibited conduct). The formal Student Academic Integrity Policy is available at:

Scholarships Available: Qualifying academic units are invited to nominate students for scholarships. Recipients will be chosen from the pool of nominees. Nominees must be regularly admitted to a graduate degree program to be eligible. International students must have been enrolled at ASU or at another U.S. university for one academic year immediately prior to the award period to be eligible.

For additional information: www.asu.edu/graduate and select Resources and Services.

The SCM Doctoral Program Committee considers proposed changes initially. Procedures for the Ph.D. program in the W. P. Carey School of Business contact Kerri Hooper at (480) 965-6044 or e-mail her at: Kerri.Hooper@asu.edu.

Information on the Arizona State University Division of Graduate Studies policies and procedures can be found at http://www.asu.edu/graduate.
IV. FACULTY BIOGRAPHIES

The Supply Chain Management faculty is composed of leading researchers and award-winning teachers. SCM faculty members have authored high-impact research articles and highly visible books in each of the SCM disciplines. Our faculty travel throughout the United States, Europe, China, Japan, and other parts of the globe to conduct research, teach executive courses, present papers at professional and academic conferences, and provide consulting services.

The faculty members are leaders in their field and are active in research, publishing, teaching, and consulting. All have advanced degrees, and many have extensive management experience. Through a balanced curriculum, the faculty helps students develop a broad understanding of the total material flow process and the operation of modern organizations.

All research and teaching faculty members are listed below. Some teaching faculty members get involved in the doctoral program by helping the students learn the trade of teaching. Some faculty members get involved in the doctoral program by supervising a dissertation or by serving as a member of a dissertation committee. Some co-authors research papers with students. There are many other faculty members in the W.P. Carey School of Business and the Ira A. Fulton School of Engineering that are available to support doctoral research. The present members of the Doctoral Committee are: Phillip Carter, Thomas Choi, Kevin Dooley, Elliot Rabinovich (Chair), and Rui Yin.

- **Mark Barratt** (Ph.D., Cranfield School of Management, United Kingdom), Assistant Professor. Joined ASU in 2002. Dr. Barratt’s research efforts, which has been mainly case study based, have been oriented toward visibility and supply chain management issues. Dr. Barratt’s research contribution encompasses three major content areas: collaborative buyer and supplier relationships, visibility created through information exchange, and technology. He is also interested in case-based research methodologies. Presently, Dr. Barratt is a principle investigator on a major project examining the occurrence of...
inventory record accuracy in distribution centers. Dr. Barratt has been published or is forthcoming in a number of journals, including *the Journal of Operations Management, Production and Operations Management Society, Supply Chain Management, the International Journal of Logistics Management, the European Journal of Purchasing and Supply, and the International Journal of Physical Distribution and Logistics Management.*

- **Daniel Brooks** (Ph.D., Indiana University), Associate Professor. Joined ASU in 1977. Dr. Brook’s research and interests include risk assessment, risk cost/benefit analysis and subjective probability estimation.

- **Steven Brown** (MBA, Abilene Christian University), Senior Lecturer of Supply Chain Management. Joined ASU in 2001. He has been teaching primarily in the undergraduate program and received the John W. Teets Award for 2004-2005 as the Outstanding Undergraduate Professor in the W.P. Carey School of Business. Prior to joining ASU he created and managed analytical modeling programs for the semiconductor industry. Steven has over thirty years of business experience with a strong background in production management, program management, and process improvement practices at the factory level. He has worked exclusively in the fields of operations management and service operations management and has managed strategic programs and projects in 10 different countries during his business career. Because of his extensive business experience, Steven is able to teach a wide range of subjects. Steven is a visiting professor at the China-Europe International Business School in Shanghai where he teaches their supply chain management course each summer. He has also taught Lean Manufacturing techniques in the Executive Education program of the Ira A. Fulton School of Engineering.

- **Craig Carter** Associate Professor, Supply Chain Management; Co-Editor-in-Chief of the *Journal of Supply Chain Management.* His primary research stream focuses on sustainable supply chain management, and encompasses ethical issues in buyer–supplier relationships, environmental supply management,
diversity sourcing, perceptions of opportunism surrounding electronic reverse auctions, and the broader, integrative concepts of social responsibility and sustainability. Dr. Carter has used a number of research methodologies to triangulate findings within this research focus, including surveys, case studies, laboratory experiments, individual and focus group interviews, the mapping of social networks, and systematic literature reviews including meta-analyses. Professor Carter has five years of experience in the areas of transportation and logistics with Ryder Systems, Hechinger Company, and the U.S. Department of Transportation. He has also conducted field-based supply management research with over 100 Fortune 1000-size firms in the U.S. and Germany, which includes work with CAPS Research and McKinsey & Company. Dr. Carter’s research has been published in the Journal of Supply Chain Management, Journal of Operations Management, Journal of Business Logistics, Decision Sciences, Journal of Business Ethics, Transportation Research Part E, Transportation Journal, and International Journal of Physical Distribution and Logistics Management. He serves on several journal review boards, and is an Associate Editor for the Journal of Operations Management and Journal of Business Logistics.

- Joseph R. Carter (D.B.A., Boston University; C.P.M.), Professor of Supply Chain Management and Avnet Professor. Professor Carter’s research efforts have been oriented toward purchasing and supply management issues. Professor Carter’s research contribution encompasses three major content areas: buyer and supplier communication processes and information exchange systems, international sourcing and supply management issues, and strategic procurement. Dr. Carter was a principle investigator on a major project examining the role of corporate procurement in the strategic outsourcing process and the outsourcing of procurement activities. Presently, Dr. Carter is co-investigator on a multi-phase study that examined the linkages between future trends, corporate objectives, and procurement strategies and tactics.
• **Phillip L. Carter** (D.B.A., Indiana University, Bloomington), Professor and Harold E. Fearon Chair of Purchasing Management. Joined ASU in 1995. Professor and Harold E. Fearon Chair of Purchasing Management; Executive Director, Center for Advanced Purchasing Studies (CAPS Research). Fellow of the Decision Science Institute and former editor of *The Journal of Supply Chain Management*. Author of four books and numerous papers in leading business journals. Professor Emeritus, Michigan State University.

• **SangHyun Cheon** (Ph.D., University of California at Berkeley), SangHyun Cheon is an Assistant Professor of Supply Chain Management at Arizona State University. After completing his PhD at University of California at Berkeley in 2007, he had worked as a postdoctoral researcher at the University of California Transportation Center (UCTC) at UC Berkeley. His areas of research and teaching are centered on global logistics and transportation. His particular interest lies in the interface between ocean shipping and port management and performance of organizations providing logistics infrastructure services. His current research focuses on examining the roles of institution in the productivity of world seaports. In particular, he looks into the business and economic impacts of different policies associated with port competition and privatization. He also examines operational and organizational innovation of global seaports and ocean shipping carriers.

• **Thomas Y. Choi** (Ph.D., University of Michigan), Bob Herberger Arizona Heritage Chair and Professor of Supply Chain Management, Co-Editor-in-Chief, Journal of Operations Management. Joined ASU in 1998. His research focuses on the structural and relational issues of supply chain management such as supply network complexity, supply base management, supplier-supplier relationships, and triadic relationships in supply networks. His articles have been published in the *Academy of Management Executive, Business Horizons, Decision Sciences, Harvard Business Review, IEEE Transactions on Engineering Management, Journal of Operations Management, the Journal of Supply Chain Management, Production and Operations Management*, and
He received research grants from National Science Foundation, Institute for Manufacturing Enterprise Systems, CAPS Research, and Japan Technology Management at the University of Michigan. He also received a Senior Research Fellowship from the Institute for Supply Management. He is an Associate Editor for the *Journal of Operations Management* and a member of the Editorial Board for *the Production and Operations Management* and *IEEE Transactions on Engineering Management*. He has worked with Accenture, Volvo Group, Honda, DaimlerChrysler, Motorola, Samsung, SAP, Summit Logistics/WSS, and others. He is currently the faculty director of SCM executive education programs with Toyota, LG Electronics, and Samsung.

- **Eddie Davila** (MBA, Arizona State University), Senior Lecturer. Joined ASU in 1998. During his time at ASU Eddie Davila has taught courses on: Global Integrated Supply Chain Management and Operations, Small Business, Business Processes, Operations Consulting, Strategy, and Sustainability. Eddie presently instructs nearly every new W. P. Carey School of Business student in the Introduction to Supply Chain Management course, entitled Global Supply Operations. This means he teaches about 1200 students per year, but that number may surge to over 2000 students in the years to come. As a result he is in charge of designing a state-of-the art online course that will feature high production videos and undergraduate-friendly podcast presentations that will all be made available for free to students and instructors at every other school. The class is due to pilot during spring of 2010. Eddie’s outside interests, which all make their way into his lectures, include music, yoga, modern medicine, acting, physics, fantasy baseball and football, procrastinating and all other things geeky.

- **Kevin J. Dooley** (Ph.D. from University of Illinois at Urbana-Champaign), Professor, *Dean's Council of 100* Distinguished Scholars. Joined the ASU Faculty in 1997. Dr. Dooley is a world-known expert in the application of complexity science to organizations. He has published over 100 research articles examining complexity and dynamical issues in quality,
innovation, supply chain management, and information systems. He co-authored the award winning book, “Organizational Change and Innovation Processes: Theory and Research Methods” (Oxford Press, with Drs. Poole, Van de Ven, & Holmes) and is on several journal editorial boards, including Journal of Operations Management and Decision Sciences Journal. He has co-authored two patents with Dr. Steven Corman concerning Centering Resonance Analysis, a novel form of network text analysis, and is CEO and co-founder of their spin-off company, Crawdad Technologies. Crawdad’s text analysis software is used in over 100 universities, and Crawdad is working with the U.S. government on anti-terrorism efforts. He has served as President, and is currently a Trustee for the Society for Chaos Theory in Psychology and the Life Sciences. Dr. Dooley teaches Ph.D. courses in research methods, and MBA courses in management of technology, six sigma, and lean manufacturing. He has consulted with over 100 companies in the areas of quality, organizational change, and innovation, including Intel, Motorola, Raytheon, Honeywell, 3M, EDS, Citibank, Banner Health, and Ford.

- **John Fowler** (Ph.D. From Texas A&M University), Motorola Professor and Chair of Supply Chain Management. Joined the Supply Chain Management Department in 2012. Dr. Fowler’s research areas are deterministic scheduling, discrete event simulation methodology, modeling and analysis of semiconductor manufacturing systems, operations research in health care, manufacturing applications of operations research and discrete event simulation.

- **Mohan Gopalakrishnan** (Ph.D. from University of Alabama) Associate Professor. Dr. Gopalakrishnan’s research focus is on global supply chain risk management, health care operations management, “non-profit humanitarian” operations, Web-congestion and technology capacity management, product design and target costing.

- **Donald L. Keefer** (Ph.D., University of Michigan), Professor Emeritus. Joined ASU in 1987. Dr. Keefer’s research and teaching interests center on decision analysis and applied
management science, areas in which he has fifteen years of industrial experience. He has published in a number of leading journals including *Management Science, Operations Research, Decision Analysis, and Interfaces*. He has been an Associate Editor for *Operations Research* and was the founding Contributing Editor for the Practice Abstracts feature in *Interfaces*. He currently serves on the Editorial Board of *Decision Analysis*. He was elected Chair of the Decision Analysis Society of INFORMS (1996 – 1998), which he also served as Vice Chair (1994 – 1996) and as Past Chair (1998 – 2000).

- **Craig W. Kirkwood** (Ph.D., Massachusetts Institute of Technology), Professor Emeritus. Joined ASU in 1983. Research areas include supply chain performance metrics, tradeoff and risk analysis for supply chains, and large-scale decision analysis models. Dr. Kirkwood has published in *Management Science, Operations Research, Interfaces*, and numerous other journals, and is the author of the book *Strategic Decision Making*. He has served in a variety of editorial and professional roles for the Institute for Operations Research and the Management Sciences, including Treasurer, and also as a member of the Advisory Panel for the Decision, Risk, and Management Science Program of the National Science Foundation. He is currently the President of the INFORMS Decision Analysis Society.

• **Hongmin Li** (Ph.D., Massachusetts Institute of Technology), Assistant Professor. Joined ASU in 2007. She completed her PhD in operations management. Her dissertation is titled “Essays on Supply Chain Contracting and Tactical Decisions for Inter-generational Product Transitions” and was chaired by Professor Charles H. Fine. She has a ME in logistics from the Massachusetts Institute of Technology, a MS in computer engineering from Syracuse University, a MS in chemistry from the University of Michigan, and a BS in chemistry from Beijing University. In addition, she has business experience in supplier incentive designs and software engineering. Her current research interests include strategic supplier management and tactical decisions for technology product upgrades.

• **Arnold Maltz** (Ph.D., The Ohio State University), Associate Professor. Joined ASU in 1997. Dr. Maltz’s research interests are third party logistics, and outsourcing, global logistics for high tech companies, and transporter logistics. Dr. Maltz has published in *The Journal of Business Logistics, International Journal of Logistics Management, International Journal of Logistics: Research and Applications, and Transportation Journal*, as well as other marketing, purchasing, and logistics journals. His work on outsourcing has resulted in awards from the Council of Logistics Management and Andersen consulting. He is a member of the Council of Logistics Management, the Warehousing Education and Research Council, and he has over 15 years of industry experience. Dr. Maltz has done research and taught in Israel, Mexico, Argentina, and Denmark.

• **Michele E. Pfund** (Ph.D., Arizona State University), Clinical Assistant Professor, Assistant Chair and Faculty Directory, W. P. Carey Online MBA. Dr. Pfund joined the Supply Chain department in 2005 and her teaching and research interests focus upon modeling complex systems though decision analysis, optimization, and simulation. Dr. Pfund has several years of relevant industry experience in these areas and has published in a number of leading journals including *IEEE Transactions on Semiconductor Manufacturing, International Journal of Production Research*, and *Computers and Operations Research*. Dr. Pfund is a member of INFORMS.
and is currently serving on the 2005 National Conference Program Committee. She is also a member of the Institute for Industrial Engineers and serves as the treasurer for the local Arizona Chapter.

- Elliot Rabinovich (Ph.D., University of Maryland), John G. and Barbara A. Bebbling Professor of Business and Supply Chain Management. Joined ASU in 2001. Dr. Rabinovich is the current director of the PhD program in SCM. His current research interests include supply chain management and logistics in internet-retailing environments and enterprise-wide coordination of inventory management practices and information technology. Dr. Rabinovich has published over 20 articles in California Management Review, Decision Sciences, the Journal of Business Logistics, the Journal of Operations Management, Transportation Research (E): Logistics and Transportation Review, Production and Operations Management, Sloan Management Review, and others.

- William Verdini (D.B.A., Kent State University), Professor Emeritus. Joined ASU in 1976. Dr. Verdini serves on the Boards of Directors the Better Business Bureau of Central/Northern Arizona and All Saints' Episcopal Day School. He has also served on the Board of the Arizona Technology Incubator, the ASU Business Dean’s Board of Excellence and the Arizona Small Business Development Network Board. In 1999 when he directed the ASU Center for the Advancement of Small Business, Dr. Verdini was recognized by the Business Journal as one of the Valley’s “Most Influential” people in the small business category. He has also served as the Interim Dean and Associate Dean of the ASU College of Extended Education. Dr. Verdini has published in the American Compensation Association Journal, American Journal of Mathematical and Management Sciences, The American Statistician, Computers & Industrial Engineering, Decision Sciences, European Journal of Operational Research, Management Science, Operations Research and others.

- Yimin Wang (Ph.D., University of North Carolina, Chapel Hill), Assistant Professor. Joined ASU in 2007. Dr. Yimin Wang
received his PhD in Operations, Technology, and Innovation Management from UNC-Chapel Hill's Kenan-Flagler Business School. His research focuses on operational risk management strategies, particularly in the global supply chain management area. His current research investigates mitigation strategies and operational recourses under unreliable supply. In particular, his recent research studies risk mitigation strategies under frequently encountered challenges in global operations, including the lead-time risk, capacity risk, and regulatory trade barriers risk. Prior to UNC, Dr. Wang held several professional roles, including analytical consultant at SAS Institute and project leader for Canadian Airlines International. He received his MBA degree from the University of British Columbia.

- **Rui Yin (Ph.D., University of California, Los Angeles), Assistant Professor.** Joined ASU in 2007. Dr. Yin's current research interests include inventory management, revenue management and marketing-operations interface in retailing. She has published articles in *Production and Operations Management* and the *European Journal of Operational Research*. 
V. Graduate Student Forms

1. Quick Guide to Completion of Ph.D. Degree

Most information about the Ph.D. program can be found on the Graduate College website at [http://graduate.asu.edu/currentstudents](http://graduate.asu.edu/currentstudents).

1. After the first year, the student must establish a Program of Study (POS) Committee chair. The chairperson must be selected from the student’s area of concentration.

2. Submission of official Ph.D. Program of Study online (iPOS). The iPOS should be completed once you have taken or are signed up for your 27th credit hour. It must be approved in the system before you take your comprehensive exams. This is when you will officially state who your Committee chair is. Requires approvals of Committee chair, the Graduation Office, and the Graduate College before it is complete.

3. Completion of required course work.

4. Administration of Comprehensive Written Examination. Each department appoints an examining committee to prepare and evaluate the comprehensive examinations administered through their areas. When a student has completed all course work and is ready to take the written comprehensive examination, he/she must obtain the “Report of Doctoral Comprehensive Examinations and Approval of the Ph.D. Dissertation Prospectus” form from the Graduate College forms web-link. The student completes the application, obtains the signatures of the committee members, and returns the forms to the Kerri Hooper or Dr. Elliot Rabinovich no later than one month prior to the date of the examination. This exam is taken within one year following the completion of the course work on the iPOS.

5. A Dissertation Committee should be established soon after passing the comprehensive examination. The Committee must consist of a minimum of three faculty members with a majority of the faculty, including the chair, coming from the candidate’s area of concentration. This committee is appointed on the
iPOS. If there is a change to this committee you need to fill out a change form.


7. Acceptance and application to Candidacy processed via Office of the Registrar-Graduation Section.
   
   a. Once a doctoral student has successfully defended his/her proposal, business cards can be requested through the department. The doctoral student will be referred to as “Doctoral Candidate” on the card.

8. File of Graduation Application and paying the application fee with ASU Cashiering Services.

9. Final oral defense of Dissertation is mandatory and must be held on the campus of ASU. The oral defense will be scheduled by the supervisory committee with the approval of the dean of the Division of Graduate Studies. The candidate must take the final oral examination in defense of the dissertation within five years after passing the comprehensive examinations. The supervisory committee and the dean of the Division of Graduate Studies must approve any exceptions. Find format review form and guidelines online at http://graduate.asu.edu/how-to. When the time of the dissertation defense is established, the student completes the interactive announcement form via myASU (on the defense tab) at least 10 working days before the anticipated defense. Please see 10-working day calendar for permissible defense dates: http://graduate.asu.edu/progress/completing/defenses/scheduling_your_defense

2. Paperwork
   
   • All forms can be found online at http://graduate.asu.edu/forms.