

**Graduate Programs Offered by the
School of Economics**

**Master of Arts in Economics
Master of Arts in Financial Economics
Master of Science in Resource Economics and Policy
Master of Science in Ecology and Environmental
Science**

May 2009

A Member of the University of Maine System

PREFACE

The graduate programs offered by the School of Economics comprise a diverse offering from two colleges: Business Public Policy and Health and Natural Sciences, Forestry and Agriculture. This provides a unique combination of academic strength and flexibility to accommodate a wide variety of professional interests. The programs define core sets of courses that embody the necessary skills required to address timely economic questions relating to natural resource management and environmental policy, financial economics, production and marketing, sustainable and community economic development. We offer Masters degrees in: Economics, Financial Economics, Resource Economics and Policy and Environmental Policy (through the Ecology and Environmental Science program).

Students are provided with opportunities to broaden their knowledge with supporting course work, seminars, teaching and research assistantships, and preparation of scholarly papers and theses. Our graduate degrees are designed to broaden the intellectual horizons of students and enhance their opportunities for choice and advancement in a variety of professional careers.

The purpose of this handbook is to introduce the School of Economics to prospective graduate students and to others concerned with some aspect of the graduate program. If you require additional information regarding the graduate programs offered by the School of Economics, please contact us by mail, telephone or email at:

Mario Teisl, Graduate Coordinator
School of Economics
University of Maine
5782 Winslow Hall
Orono, Maine 04469-5782
(207) 581-3154
<mailto:teisl@maine.edu>
<http://www.umaine.edu/soe/graduate.html>

Additional information regarding the University of Maine Graduate School can be found at their website:
<http://www2.umaine.edu/graduate/>

INTRODUCTION

The School of Economics provides a stimulating environment in which students can pursue graduate studies. The School is administered by a single Director and faculty across two colleges: Business Public Policy and Health and Natural Sciences, Forestry and Agriculture. In addition to providing instruction at the graduate and undergraduate levels, the School's research embraces the land grant mission of the Maine Agriculture and Forestry Experiment Station. It also has close ties with the Maine Business School, University of Maine Cooperative Extension Service and the Margaret Chase Smith Center for Public Service.

The graduate program of the School reflects the training and interests of the faculty. Current research activities of graduate faculty members include projects in: labor markets and college attainment, health economics; the role of markets to reduce greenhouse gas emissions; economic growth, immigration, migration and cultural and environmental amenities, the economics of land use change; effects of environmental and health-related labeling on markets; sustainable development in rural communities; the impact of unanticipated economic announcements on asset prices; the effects of mass merchandisers on rural communities. Students have the opportunity to work with the faculty in a variety of research activities. Faculty and student research provides direct and indirect information to state and federal decision makers in economic development and natural resource management agencies, local municipalities and rural and urban residents and businesses.

Past graduates of the School now hold many responsible positions both in Maine and throughout the United States and the World. Some have continued their studies and are now faculty members at major universities. Others hold top positions as economists and administrators with State governments, the U.S. government and regional economic development agencies. Still others hold positions of authority with private companies such as lending institutions, public utility companies, and environmental consulting firms.

ADMISSION REQUIREMENTS

The Graduate School catalog provides information on the minimum standards for admission to the University of Maine Graduate School. An undergraduate degree in economics is not essential for admission. The School is much more concerned with the applicant's capacity for graduate study and the quality of previous academic work at the undergraduate level. However, there are certain prerequisites that the student is required to have completed before entering the graduate program. The required undergraduate courses for all programs are:

- Intermediate Microeconomic Theory (equivalent to UMaine's ECO 420)
- Introductory Statistics (equivalent to UMaine's MAT 215 or 232); Econometrics (equivalent to UMaine's ECO 485) is strongly recommended
- Calculus (equivalent to UMaine's MAT 126)

In addition, for the M.A. in Economics and Financial Economics, applicants are required to have completed

- Intermediate Macroeconomic Theory (equivalent of UMaine's ECO 421)

The M.A. in Financial Economics also requires basic courses in accounting and business finance.

Applicants without the required background may be accepted provisionally while meeting these prerequisites.

Applications for admission are processed as soon as they are complete. This includes the application form, official transcript of all undergraduate grades, GRE scores and three letters of recommendation. Internet-based TOEFL scores (covering the areas of reading, writing, listening and speaking) must accompany

applications from international students and must meet Graduate School minimums. Students expecting delays in one or more parts of their applications should contact the Graduate Coordinator.

Although we encourage students to start their studies in the Fall semester, applications are accepted for both Fall and Spring enrollment. There is no deadline for applications, but those seeking admission are encouraged to submit their applications well in advance of the semester in which they wish to begin graduate work. Early application is especially important for those who want to be considered for a Graduate Assistantship or tuition waiver. Complete application materials should be submitted by February 1 for Fall semester admission and by November 1 for Spring semester admission.

APPLICATION PROCEDURES

Complete application instructions are available at www2.umaine.edu/graduate/content/File/instruct.pdf.

An applicant for admission must submit the following materials:

- One electronically-submitted application or TWO completed, signed and dated copies of the downloaded Application for Admission
- TWO official transcripts of all previous college or university work sent directly from the previous institutions to the Graduate School
- THREE current letters of recommendation. Applicants can also have their recommenders submit an electronic recommendation at www2.umaine.edu/graduate/recommendation/recommendation_request.php
- Non-refundable application fee of sixty dollars (\$60.00) for an application submitted via our on-line application at gradcatalog.umaine.edu/apply/index.php or seventy-five dollars (\$75.00) for applications submitted by other methods
- Official report of Graduate Record Examination scores; the advanced test in Economics is not required for admission
- Official report of Internet-based TOEFL scores (covering the areas of reading, writing, listening and speaking) for international students

All application materials become part of the permanent records of the University and will not be returned. Application materials should be sent electronically to the Graduate School or via paper copy to:

The Graduate School
The University of Maine
5755 Stodder Hall
Orono, ME 04469-5755

The Graduate School forwards completed applications to the School's Graduate Coordinator for review by the School's Graduate Committee. After review, the Committee forwards their recommendation to the Graduate School informs the applicant of the action taken. Students choosing to enroll notify the Graduate School directly using the form provided by the Graduate School with the admission notification.

The School directly notifies students who are awarded Graduate Assistantships and these students respond directly to the School with their acceptances. Notification of an Assistantship for Fall admission generally occurs in March. Students applying for late admission will be notified of a decision on an Assistantship as soon as their application is complete and funds are available.

APPLICANTS FROM NON-U.S. RESIDENTS

The School welcomes applications from graduates of institutions of higher education in other nations. Since the application process is often long and involved for prospective students from abroad, they are urged to

begin the application process very early. A brochure entitled “Information for Prospective International Graduate Students,” giving detailed application information to international students, is available from the Graduate School.

In addition to the material required of all applicants, applicants from non-English speaking countries must furnish proof of their proficiency in English by submitting scores achieved on the Internet-based TOEFL (covering the areas of reading, writing, listening and speaking) administered by the Educational Testing Service. Arrangements for taking this examination should be made directly with the Educational Testing Service, Box 899, Princeton, New Jersey 08541.

E-mail: TOEFL@ets.org

Phone: 609-771-7100

Website: <http://www.TOEFL.org>

In some circumstances, TOEFL scores may be waived if the applicant has attended a U.S. college or university for a period of at least four years or has earned a degree from a U.S. university or college.

Health insurance is required of all international students and dependents residing in the U.S. Health insurance may be purchased through the University. Students with comparable insurance coverage must provide proof of acceptable coverage.

If an international student is admitted to a graduate program, he or she must show proof of sufficient funds to meet all expenses while studying in the United States. International students who are awarded Graduate Assistantships will meet this test through the funds they are paid for their assistantship.

TYPES OF ADMISSION

1 Regular admission: Granted to a student whose academic records and supporting documents indicate that they are fully qualified to undertake graduate study.

2 Provisional admission: Granted to a student who does not have all the prerequisites for admission to graduate study, but has a record that clearly indicates the student is otherwise prepared to undertake graduate study. Prerequisite courses must be completed prior to enrolling in graduate school or as part of the student’s program of study after enrolling.

3 Conditional admission: Granted to a student whose academic record indicates deficiencies but suggests some promise of success in graduate study. Students on conditional status must earn grades of “A” or “B” in their first nine hours of graduate credit in order to continue graduate study. Students admitted on a conditional basis are not eligible for an Assistantship until their status changes.

GRADUATE ASSISTANTSHIPS

The School has a number of Graduate Assistantships (GAs) available for qualified students that are awarded on a competitive basis. Efforts are also made to match the student’s interests and background with the research and teaching needs of the School’s faculty. To apply for a GA please check the appropriate box on the graduate school application. No other action is required to be considered for a GA.

Both our 9- and 12-month GA stipends are competitive with other programs. Students who have outstanding academic records in their first year of graduate study may receive an increase in the amount of their stipend in the second year of their studies. In addition, students awarded a GA receive a tuition waiver for up to nine credit hours of study per semester. The tuition waivers do not cover courses with numbers below 400, as these courses cannot be taken for graduate credit. A limited number of tuition waivers for up to nine credit hours of graduate coursework per semester are available to students who do not receive a GA.

Graduate Assistants on standard appointments are expected to work 20 hours a week throughout their term, unless otherwise arranged by their faculty supervisor. Graduate Assistants can request up to 10 days of release time during their term. Note that some or all of a student's thesis-related research may not count toward the GA work requirement.

PROGRAMS OF STUDY AND DEGREE REQUIREMENTS

The School administers three graduate degrees and participates in two other graduate degree programs. The School administers the Masters of Arts in Economics, Master of Arts in Financial Economics, Master of Science in Resource Economics and Policy, and participates in the Master of Science in Resource Utilization and the Masters of Science in Ecology and Environmental Science. The M.A. in Economics, the M.A. in Financial Economics, and the M.S. programs in Resource Economics and Policy and Ecology and Environmental Science include thesis and non-thesis options. The M.S. in Resource Utilization offers only a thesis option.

The **Master of Arts in Economics** degree emphasizes applied economics. The program has a firm commitment to economic theory, but the focus is on economic policy analysis. Students must complete a core set of requirements that focus on economic theory and analytical tools. They must also complete a policy practicum, which requires application of the tools of economic analysis to specific subject areas and policy issues. The program is designed to enable students to identify the economic content of a problem, to develop hypotheses, to apply appropriate analytical tools and models, and to develop policy alternatives.

The **Master of Arts in Financial Economics** degree provides advanced training in economics and finance to students interested in careers involving quantitative analysis in various areas of finance. The program provides a solid foundation in micro- and macroeconomic theory to ensure that graduates have the conceptual tools needed to develop sound research designs and understand the role of financial markets and institutions within the economy. The program combines courses in Economics and Business

The **Master of Science in Resource Economics and Policy** degree emphasizes applied economics. The program has a firm commitment to economic theory, but the focus is on economic policy analysis as applied to environmental, natural resources and agricultural topic areas. The program allows much flexibility so that students can focus on several areas of interest. Students complete a thesis or a shorter research paper on an area of research mutually chosen with their advisor.

The **Master of Science in Ecology and Environmental Science (EES)** is designed for students who wish to pursue an interdisciplinary program of study. Each student chooses a primary and secondary area of study. Students advised by the faculty members in the School of Economics choose the Environmental Policy and Management concentration for their primary area of study within the EES program and choose a natural science sub-concentration as their secondary area of study. For example, recent graduates advised by the School have focused on issues such as surface water quality, land-use change, and marine fisheries management.

The School, because of the training and skills of the faculty, approaches research from an economic perspective. In turn, students are required to take a core of research, economic, and statistics courses, or demonstrate they have this knowledge from previous course work, in order to actively participate in faculty research projects.

All graduate students, regardless of degree program, are assigned a major advisor with whom they can thoroughly discuss their intended program as early as possible in their graduate studies. If students wish to change their assigned advisors, the School attempts to accommodate these requests. Reassignment of students' major advisors is done with the consent of the Graduate Coordinator.

An official program of study, developed in the second semester of study prior to registering for the third semester of coursework, is filed with the Graduate School. The program of study is planned by the student in consultation with their academic advisor and their advisory committee. The interests, background, and future needs of the student are considered in course selection. Advisory committees are comprised of the student's academic advisor and at least two other members of the University's Graduate faculty (one of whom must be a member of the School Economics).

General Requirements of all the M.A and M.S. degrees offered by the School include a minimum of 30 graduate degree credit hours. A minimum of 12 credit hours (exclusive of thesis credits) of 500 and 600 level course work is required. All graduate coursework must be at the 400 level or above. Students pursuing a thesis degree must complete 24 hours of coursework and 6 credit hours of thesis. The School only accepts for graduate credit grades of B or better in ECO 511, ECO 514, ECO 515, ECO 530, ECO 531, and B- or better in all other courses. Additional requirements also apply; these are listed in School's Graduate Student Handbook.

ORAL EXAMINATION

All students must pass an oral exam prior to graduation. The exam will be comprehensive in nature and will include knowledge in the student's major area of concentration.

In complying with the letter and spirit of applicable laws and in pursuing its own goals of pluralism, the University of Maine shall not discriminate on the grounds of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, disability, or veteran status in employment, education, and all other areas of the University. The University provides reasonable accommodations to qualified individuals with disabilities upon request. Questions and complaints about discrimination in any area of the University should be directed to the Director of Equal Opportunity, 318 Alumni Hall, (207) 581-1226.

COURSE REQUIREMENTS

M.A. in Financial Economics

BUA 651 Financial Management
ECO 511 Macroeconomic Theory
ECO 514 Microeconomic Theory
ECO 524 Advanced International Finance
ECO 530 Econometrics

Two courses are required from the following BUA courses

BUA 652 Management of Financial Institutions
BUA 653 Investment Management
BUA 654 Futures and Options Markets

Three additional ECO courses

M.A. in Economics

ECO 514 Microeconomic Theory I
ECO 515 Microeconomic Theory II
ECO 530 Econometrics I
ECO 531 Econometric Models and Applications
ECO 511 Macroeconomic Theory

Thesis option: ECO 699 Graduate Thesis and three graduate level SOE courses

Non-thesis option: Five graduate level ECO courses

M.S. in Resource Economics and Policy

ECO 514 Microeconomic Theory I
ECO 515 Microeconomic Theory II
ECO 530 Econometrics I
ECO 531 Econometric Models and Applications
ECO 571 Advanced Environmental & Resource Economics I
ECO 572 Advanced Environmental & Resource Economics II

Two Professional Electives

Thesis option: ECO 699 Graduate Thesis

Non-thesis option: ECO 597 Independent Study and an additional elective

M.S. in Ecology and Environmental Sciences

ECO 514 Microeconomic Theory I
ECO 530 Econometrics I
ECO 571 Advanced Environmental & Resource Economics I or
ECO 572 Advanced Environmental & Resource Economics II

Any five Professional Electives (compliant with EES guidelines)

Thesis option: EES 699 Graduate Thesis

Non-thesis option: ECO 597 Independent Study and an additional elective

DESCRIPTION OF COURSES

ECO 443 Introduction to Modern Growth – An introduction to the empirical aspects of economic growth and an exploration of the major determinants of growth and decline, including the roles of technological progress and research and development, human capital accumulation, technology transfer, intellectual property rights and other socio-political institutions. Prerequisite: ECO 420. Cr: 3.

ECO 445 Regional Economics – Economics of business and household location decisions and the formation and spatial distribution of urban places. Economics of land rent, intra-urban land use allocation, and the suburbanization of households and businesses. Economics of urban and regional growth and decline and the effects of public policies involving taxation, industry subsidies, public service and infrastructure supply and environmental regulations and quality. Prerequisite: ECO 420 or the equivalent with permission. Cr: 3.

ECO 449 International Trade – An examination of the microeconomics foundations of international trade, including the historical evolution of theories that explain the international exchange of goods and services. Focus will be on the "real trade theory" and on major emerging policy issues in international trade, including growth in the volume of international trade and the benefits and costs of the removal of trade barriers through international trade agreements. Prerequisite: ECO 420. Cr: 3.

ECO 450 International Environmental Economics and Policy - International environmental economics and policy uses an economic framework to examine the reasons behind, and methods to solve, conflicts between economic development and growth, trade, and the environment. It then explores the processes of international policy development: identifying problems, designing and negotiating solutions, and implementing policies to change national behavior. Prerequisite: MAT 115 and C- or better in either ECO 350 or ECO 420, or equivalent with permission. Cr: 3.

ECO 470 Topics in Economics – Includes readings, research, and discussions. Topics vary depending on faculty and student interests. Prerequisite: ECO 420 and ECO 421 or permission. Cr: 1-3.

ECO 475 Industrial Organization – Explores the relationship between market structure, conduct and performance. Development of a general analytical framework to assess performance in existing markets and evaluation of current public policy on this basis. Prerequisite: ECO 420. Cr: 3.

ECO 480 Introduction to Mathematical Economics – Mathematics used as a language in presenting concepts of economic theory. Prerequisite: ECO 420, ECO 421, MAT 114 or MAT 126. Cr: 3.

ECO 485 Introduction to Economic Statistics and Econometrics – Surveys the application of probability and statistics to economic problems. Emphasis on construction and testing of economic hypotheses. Practical application of regression techniques, including use of computer, occupies second half of course. Strong algebra skills required. Prerequisite: ECO 420 or ECO 421, MAT 215. Cr: 3-4.

ECO 496 Field Experience in Economics – Supervised employment in either the public or private sector. Requirements include initial proposal showing relevance of job and final report or paper. Prerequisite: 400level economics course in relevant area of work. Cr: 3.

ECO 499 Readings in Economics – Supervised readings or research in topics not covered by regular course offerings. Offered at student request. (May be repeated for credit.) Prerequisite: ECO 420 and ECO 421 and permission. Cr: 3.

ECO 511 Macroeconomic Theory – An examination of the development of modern economic analysis with regard to employment, income distribution, and stabilization policies. Prerequisite: permission. Cr: 3.

ECO 514 Microeconomic Theory – An examination of the development of modern economic analysis with regard to the consumer, the firm and market structures. Prerequisite: ECO 420 or permission. Cr 3.

ECO 515 Advanced Microeconomics – An examination of advanced topics in microeconomics, with special emphasis on game theory and applications of game theory to issues in industrial organization, international trade, labor economics, and environmental economics. Detailed treatment of other topics including asymmetric information, market failure, signaling, principal-agent problems, and uncertainty. Prerequisite: ECO514 or permission of the instructor. Cr 3.

ECO 524 Advanced International Finance – Analysis of the fundamental characteristics of an open macroeconomy including exchange rate determination, balance of payments adjustment, income determination, financial flows, effect of monetary and fiscal policies, economic integration, and global monetary issues. Prerequisite: ECO 511 and permission. Cr: 3.

ECO 525 Advanced Topics in Economic Development – Presents concepts, tools and models in contemporary economic theory relevant to development problems. Also explores applications to public policy. Prerequisite: ECO 420, ECO 421 and permission. Cr: 3.

ECO 527 State and Local Economic Analysis – Analysis and measurement of changes in state and local economies. Emphasis on analytical tools, such as input – output modeling. Prerequisite: ECO 530 or permission. Cr 3.

ECO 528 Community Development Applications – Introduces skills and strategies needed by community development practitioners including community development process, group process, social and behavioral change and manpower retraining. Selected presentations by practicing professionals in the field. Prerequisite: ECO 527 or permission. Cr 3.

ECO 530 Econometrics – Quantitative analysis of structural economic models, forecasting and policy analysis: statistical inference and data analysis, general linear statistical model specification, estimation, and hypothesis testing, time-series analysis, and estimation and use of simultaneous equation models. Practical application of econometric models through computer exercises. Prerequisite: MAT126 and MAT 215/MAT 232, or permission. Cr 3.

ECO 531 Econometric Models and Applications – Econometric models and techniques used in applied research: spatial data; panel data; nonlinear estimation; qualitative dependent variables; and limited dependent variables. Second of a 2 course sequence. Prerequisite: ECO 530 or permission. Cr. 3.

ECO 533 Economics of Human Capital – Considers the role of human capital theory in understanding labor market outcomes and in policy decisions involving the allocation of funds to education and training programs. Prerequisite: ECO 420 and permission. Cr: 3.

ECO 545 Advanced Regional Economics – Theories of the development of sub-national economic regions, principally in the United States. Factors that influence firm and household interregional location and migration decisions. The impact of public policy on growth and adjustment. Attention to econometric evidence is emphasized. Prerequisite: INT 514. Cr: 3. This is being changed...

ECO 554 Production Economics – The principles of optimum resource allocation applied to the agri-business firm including advanced techniques for attaining optimum resource allocation. Prerequisite: ECO 514 or permission. Cr 3.

ECO 565 Graduate Economics Practicum – Presents material on conducting and presenting economic research, with an emphasis on application to economic policy. Requires completion and presentation of a substantial research project. Prerequisite: permission. Credits: 3

ECO 571 Advanced Environmental & Resource Economics I – Benefit-cost analysis of public projects and valuation of nonmarket benefits and costs. Prerequisite: ECO 514. Cr 3.

ECO 572 Advanced Environmental & Resource Economics II – Economic analysis of centralized and decentralized regulation of markets with externalities and public goods. Optimal management of renewable and nonrenewable natural resources. Prerequisite: INT 514. Cr 3.

ECO 581 Sustainable Resource Systems and Public Policy – Surveys current management protocols of agricultural, energy, fisheries, and forest resources in context of principles of sustainable development, considering ethical and socio-cultural as well as economic and environmental values; evaluates influences of public policy on management strategies. Seminar requires active student participation. Prerequisite: permission. Cr 3.

ECO 582 The Human Dimensions of Global Change – The human dimensions of global change concern human activities that alter the earth's environment, the driving forces of those activities and the human responses to the experience and expectations of global change. Prerequisite: permission. Cr 3.

ECO 590 – Theoretical and empirical analysis of one or more major economic policy issues.
Prerequisite: ECO 420 and ECO 421 and permission. Credits: 3

ECO 593 Graduate Seminar – Analysis of current problems in community development, resource use, management. Emphasis on economic and social effects. Problem areas vary from semester to semester. May be repeated for a total of 6 credits. Prerequisite: permission. Cr 1-3.

ECO 595 Graduate Internship in Economics – Limited to graduate students who choose the internship option. Internships in public or private institutions in situations requiring application of economic theories and methodologies. Written reports are required. Prerequisite: Prior approval of student's graduate committee. Cr: 3-6.

ECO 597 Independent Studies – Analysis of current problems in agricultural and resource economics, rural sociology, and community development. Maximum of six credits. Prerequisite: permission. May be repeated for additional credit. Cr 1-3.

ECO 599 Special Topics in Resource Economics and Policy. Cr 3.

ECO 695 Practicum in Resource Economics and Policy – Directed participation in a departmentally initiated project, including research and/or field experience in economic applications in agriculture, natural resources and community development. Prerequisite: 12 hours of graduate work. Cr 3-6.

ECO 699 Graduate Thesis. Cr 3-6.

GRADUATE FACULTY

Kathleen P. Bell, Ph.D., Economics, (University of Maryland, 1997), Assistant Professor. Environmental and Natural Resource Economics, Spatial Economic Modeling.

Karen J. Buhr, Ph.D., Economics, (Carleton University, 2006), Assistant Professor. Health and Labor Economics

Hsiang-tai Cheng, Ph.D., Agricultural Economics, (Virginia Polytechnic Institute and State University, 1985), Associate Professor. Food Marketing and Quantitative Methods.

George K. Criner, Ph.D., Agricultural Economics, (Washington State, 1983), Professor and Chair. Production Economics, Waste Management and Marketing.

Todd M. Gabe, Ph.D., Agricultural, Environmental and Development Economics (Ohio State University, 1999), Associate Professor. Community Economic Development and Regional Economics.

Gary L. Hunt, Ph.D., Economics, (University of Colorado at Boulder, 1984), Professor. Demographic and Spatial Economics; Econometrics; Mathematical modeling

Adrienne A. Kearney, Ph.D., Economics, (Pennsylvania State University, 1992), Associate Professor. Macroeconomics; Monetary Theory & Policy; International Finance

James C. McConnon, Ph.D., Agricultural Economics, (Iowa State University, 1989), Associate Professor. Small Business Development and Community Economic Development.

Michael R. Montgomery, Ph.D. Economics, (University of Florida, 1988), Associate Professor. Macroeconomics; Monetary Theory; Austrian Economics

Stephen D. Reiling, Ph.D., Agricultural & Resource Economics, (Oregon State, 1976), Professor and Associate Director, Maine Agricultural and Forest Experiment Station. Recreation Management.

Jonathan D. Rubin, Ph.D., Agricultural Economics (University of California-Davis, 1993), Associate Professor, and Interim Director, Margaret Chase Smith Center for Public Policy. Environmental and Resource Economics.

Stewart N. Smith, Ph.D., Agricultural Economics (Connecticut, 1977), Professor. Sustainable Agriculture and Rural Policy.

Mario F. Teisl, Ph.D., Agricultural & Resource Economics, (University of Maryland, 1997), Associate Professor. Environmental Marketing and Policy and Nonmarket Valuation.

Philip A. Trostel, Ph.D. Economics, (Texas A & M University, 1991), Professor. Human Capital and Savings; Public Economics; Labor Economics

Gregory K. White, Ph.D., Agricultural & Resource Economics, (Washington State, 1976), Professor. Marketing and Finance.