

**GRADUATE PROGRAMS**  
**IN AGRICULTURAL AND RESOURCE ECONOMICS**

**THE UNIVERSITY OF CONNECTICUT**

A Brief Sketch  
of  
Offerings and Requirements  
for  
Graduate Study

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## **I. INTRODUCTION**

The main campus of the University of Connecticut is located in Storrs, which is 30 miles east of Hartford, 85 miles southwest of Boston and 125 miles northeast of New York City. Established in 1881 as the Storrs Agricultural School, the University currently has a total enrollment of over 30,000 students with over 8000 in graduate and professional programs. The Master of Science degree in Agricultural Economics has been awarded since 1926 and the Doctor of Philosophy since 1957. Over the years, our graduates have distinguished themselves as outstanding business leaders, scholars, and public administrators. (See Appendix 1 for a sample of jobs held by recent graduates).

Our Department was recently ranked 15<sup>th</sup> worldwide in Environmental and Resource Economics and 23<sup>rd</sup> in the broader sub-discipline of Agricultural and Resource Economics. Currently we have 11 faculty members and 5 joint appointments (with the Department of Economics). In addition, several emeritus members continue to contribute to Departmental activities. The Department's web page ([www.are.uconn.edu](http://www.are.uconn.edu)) provides the curriculum vitae for each faculty member. Departmental staff and graduate students have offices in the W.B. Young Building which also houses the central administration of the College of Agriculture, Health and Natural Resources.

At this time the Department has over 70 graduate students. Graduate students have opportunities to work closely with faculty in three general areas: **Food Marketing and Industrial Organization**, **Environmental and Resource Economics**, and **International Agricultural Development**. Appendix 2 shows the research topics of recent graduate theses and research papers. This information also helps provide some idea of the scope and content of the Department's research program in the last few years.

## **II. ADMISSION REQUIREMENTS**

Requirements for admission to the graduate program are listed below. For more information regarding admissions requirements at University of Connecticut, please visit <http://www.grad.uconn.edu/requirements.html>

Applicants must show evidence of work at the B or better grade level by meeting one of the following standards:

- a cumulative grade point average of 3.0 (on a 4.0 scale) on all course work in the applicants' undergraduate program, *or*
- a grade point average of 3.0 for courses completed in the last two years of the program, *or*
- exceptional grades in courses completed in the final undergraduate year (GPA of 3.5 or better)

- graduate work with a minimum GPA of 3.0 or better.

Students whose native language is not English, regardless of visa status, must show evidence of proficiency in the English language by having earned either an Internet-based (IBT) TOEFL (Test of English as a Foreign Language) score of at least 79 or a Paper-based (PBT) TOEFL score of at least 550, an overall band score of 6.5 or greater on the IELTS Academic Module (International English Language Testing System), or an overall score of 53 or greater on the PTE Academic test.

**All applicants who would like to be considered for Departmental funding must take the Graduate Record Examination (GRE) General Test.**

Although most applicants have majored in agricultural economics, resource economics, or economics, students who have majored in other disciplines and who wish to develop professional skills in agricultural and resource economics are encouraged to apply.

Provisional status admission is offered to domestic M.S. program applicants who do not meet the B average criterion but have given sufficiently convincing evidence of ability in the field of agricultural and resource economics. If a provisional student's initial twelve credits of completed course work (excluding 1000-level courses) meet the minimum scholastic requirements of the Graduate School, the student is accorded regular status. Alternatively, students may petition for admission to regular status once they have completed a) nine credits of advanced undergraduate or graduate course work with superior grades or b) six or more credits of graduate course work with a grade point average of 3.0 or higher. Provisional status students are not eligible for graduate research assistantships or graduate fellowships. However, they can attain financial support through the work-study program or part-time employment. International applicants may not be admitted provisionally to a graduate program. There is no provisional status for Ph.D. program applicants.

When evaluating a student's application for admission and/or financial assistance, the Graduate Admissions Committee considers (1) grade point average, (2) specific grades in economic theory, mathematics, and statistics courses, (3) GRE and TOEFL scores as appropriate, (4) the student's reasons for applying and writing skills as reflected in the student's personal statement of purpose, (5) research ability and other qualities as indicated by three letters of reference, and (6) any publications by the applicant that provide evidence of ability to pursue graduate study.

### **III. AREAS OF EMPHASIS**

The teaching and research programs in the Department span a broad range of areas, some examples of which are:

**environmental and resource economics,  
food marketing and industrial organization  
international economic development  
demand and price analysis  
production economics  
health economics and policy**

Each student has considerable flexibility, given the approval of his/her advisory committee, to define an area of emphasis in terms of coursework.

### **IV. DEGREE REQUIREMENTS**

The major requirements of the M.S. and Ph.D. degrees in Agricultural and Resource Economics include Departmental requirements that are in addition to Graduate School requirements. A basic requirement is to maintain in graduate courses at least a B (3.0) average at all times. To get a complete understanding of the requirements for the M.S. and Ph.D. degrees at the University of Connecticut, please read the University's Graduate Catalog. Nothing contained in this handbook nullifies in any way the stipulations of the Graduate School as explained in the University Catalog.

Prospective students may obtain a copy of the Catalog online at <http://catalog.grad.uconn.edu/>.

#### **MASTER OF SCIENCE**

The M.S. degree program seeks to provide a foundation in economic theory, quantitative analysis, and knowledge in a particular area of agricultural and resource economics. For some students, the M.S. is the terminal degree; others continue studying for a Ph.D. degree.

Students should select an advisory committee as early as possible. The advisory committee is made up of three graduate faculty members. The chair of the committee must be a member of the Department. Approval of the committee is required in all phases of the student requirements, from coursework to final approval of a thesis or independent study. Continued assistantship support is conditional on satisfactory progress, implied by a cumulative grade point average of 3.0 or higher, and on acceptable performance in assistantship duties.

A Masters Degree can be obtained under three options for a terminal Masters degree (Plan A (Thesis) or Plan B (Major Paper or Plan B (Coursework)) or, under certain conditions, as a

component of a Ph.D. degree program.

*Minimum requirements for terminal M.S. program*

The UConn Graduate School requires a minimum of 30 credits for a master's program. All three terminal MS program options offered by the Department are based on courses at the 3000-level or higher, consistent with UConn Graduate School policies on transferring credits or using 3000-level courses (maximum of 6 credits). The requirements for each program option are summarized in Table 1.

**Table 1. MINIMUM REQUIREMENTS FOR STUDENTS PURSUING A TERMINAL M.S.**

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|                                    |   |
|------------------------------------|---|
| <b>MS Plan A<br/>(Thesis)</b>      | <b>Required Courses:</b> ARE 5201 (Microeconomics) or ECON 5201 (Microeconomics); ARE 5311 (Applied Econometrics).<br><br>Complete at least 12 credits of formal coursework in ARE or ECON (excluding independent study and internship credits, and including required courses above).<br><br>Meet UConn Graduate School's <b>minimum of 15 course credits</b> (excluding thesis, independent study and internship credits).<br><br><b>Thesis: 9</b> credits for thesis research; defense of thesis.  |
| <b>MS Plan B<br/>(Major Paper)</b> | <b>Required Courses:</b> ARE 5201 (Microeconomics) or ECON 5201 (Microeconomics); ARE 5311 (Applied Econometrics).<br><br>Complete at least 12 credits of formal coursework in ARE or ECON (excluding independent study and internship credits, and including required courses above).<br><br>Complete <b>at least 18 course</b> credits, which may include independent study unrelated to major paper. Of the minimum 30 credits, the total of independent study and internship cannot exceed 9 credits, including major paper and other independent study.<br><br><b>Major Paper:</b> 3 to 6 credits of independent study for the major paper<br>Grade for independent study shall be issued after public presentation and submission of written paper. |
| <b>MS Plan B<br/>(Coursework)</b>  | <b>Required Courses:</b> ARE 5201 (Microeconomics)* or ECON 5201 (Microeconomics)*; ARE 5311 (Applied Econometrics)*.<br><br>Complete at least 12 credits of formal coursework in ARE or ECON (excluding independent study and internship credits, and including required courses above).<br><br>Complete <b>at least 30 course</b> credits, which may include up to 6 credits of independent study or internship.  |

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\* Substitution with comparable course is permitted upon approval by advisor, but only for students who entered the program in academic year 2014-15.

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## **M.S. as a Component of the Ph.D. Program**

A student enrolled in the Ph.D. program can earn a Master's degree as part of that program. More specifically, a Ph.D. student may apply for the Master's degree if he/she has completed at least 30 credits on an approved Ph.D. plan of study, has passed the doctoral preliminary examination, and has been recommended by the Dean of the Graduate School for award of the master's degree.

### **How Long Will it take to Complete the Terminal M.S. Program?**

Depending on a student's plan of study, the M.S. program may be completed in a period of one to two years. Financial support from the Department should not be expected beyond the second year.

## **Recommended Time Table for Terminal M.S. Degree**

### **FIRST YEAR**

- Fall I:* Coursework  
*Spring I:* Select advisory committee and complete Plan of Study.  
*Summer I:* Identification of research topic for thesis (Plan A - Thesis) or independent study (Plan B – Major Paper)

### **SECOND YEAR**

- Fall II: Continued coursework and thesis research (Plan A - Thesis); complete and present independent study (Plan B – Major Paper).  
Sp./Sum. II: Finish writing thesis and present seminar/defense (Plan A - Thesis).

## **DOCTOR OF PHILOSOPHY**

The Ph.D. program in Agricultural and Resource Economics is intended for students who wish to develop their ability to make original contributions to scientific knowledge. Award of the degree testifies to broad mastery of economic theory, quantitative methods, and one or more fields in agricultural and resource economics. Each student selects an advisory committee which consists of a major advisor and two or more associate advisors. The major advisor and at least one associate advisor must be faculty members in the department with appointments that allow them to be advisors of doctoral students. The advisory committee assists the student in developing a plan of study, which the Graduate School must approve no later than when 18 credits of the planned course work is completed.



## Program Course and Examination Requirements

Table 2 summarizes the minimum course requirements established by the department for all students seeking a doctoral degree.

### Credit hours

Students who begin the Ph.D. program with a master's degree in a related subject area must complete 30 credit hours of course work, plus a foreign language or related supporting area requirement. Students who do not begin the Ph.D. program with a master's degree in a related subject area must complete 45 credit hours of coursework, plus a foreign language or related supporting area requirement.

### First year core courses

Except when an exemption is granted by the Ph.D. Advisory Committee, students accepted into the Ph.D. program will enroll in the following classes during their first year of the program:

|   |                                  |
|---|----------------------------------|
| ECON 6201 Microeconomic Theory I            | ARE 6311 Applied Econometrics I  |
| ECON 6211 Microeconomic Theory II           | ARE 6313 Applied Econometrics II |
| ECON 6301 Advanced Mathematical Economics I | ECON 6310 Econometrics I         |

In the event that a course listed above is not offered during the academic year, the department will provide students an alternative course that will act as a substitute.

Students may petition the Departmental Ph.D. Steering Committee for an exemption to a particular course requirement based upon courses previously taken in another program of study. Students requesting such an exemption must provide a copy of the syllabus and examinations from the course they are proposing as a substitute.

**TABLE 2. MINIMUM COURSE REQUIREMENTS FOR STUDENTS PURSUING A PH.D. IN AGRICULTURAL AND RESOURCE ECONOMICS**

Minimum Credit Hours:

45 hours for students with a Bachelor's degree

30 hours for students with a Master's degree

Economic Theory

ECON 6201 Microeconomic Theory I

ECON 6202 Macroeconomic Theory I

ECON 6211 Microeconomics Theory II

Quantitative Methods

ARE 6311 Applied Econometrics I

ECON 6301 Advanced Mathematical Economics I

ARE 6313 Applied Econometrics II

ECON 6310 Econometrics I

ECON 6311 Econometrics II

Area of Specialization

Three courses that define a coherent area of specialization to be set in consultation with the student's advisory committee.

Elective Course

One 6000 level course in ARE which is not part of your Quantitative Methods or Area of Specialization requirements. Examples are:

ARE 6464 Experimental Methods for Program Evaluation

ARE 6466 Environmental Economics

ARE 6468 Economics of Natural Resources

ARE 6470 Applied Research in Environmental Economics

ARE 6472 Microeconomic Applications to Food Markets

ARE 6474 Empirical Industrial Organization I

ARE 6476 Empirical Industrial Organization II

Foreign Language or Related/Supporting Area

Reading knowledge of a foreign language or at least six credits of advanced work in a related/supporting area

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It is the expectation that all students accepted to the Ph.D. program have the requisite background to enroll in the above courses during their first year of study. Nevertheless, students who have enrolled in the Ph.D. program, but believe they have inadequate preparation for any of the courses listed above, may petition the Departmental Ph.D. Steering Committee for an exemption in order to take remedial classes during their first year. The Departmental Ph.D. Steering Committee must approve all course substitutions for the purpose of remediation.

### Qualifying examination

All students enrolled in the Ph.D. program must pass a qualifying examination in applied microeconomics. This examination is based on material presented in the following courses: ECON 6201, ECON 6211, ARE 6311, ARE 6313, and ECON 6310 (or equivalent if the department provides an alternative course as an approved substitute).

The qualifying examination is administered and evaluated by the Qualifying Examination Committee appointed by the department head. Decisions made by this committee about the outcome of the qualifying exam are binding. All appeals related to a qualifying examination must be directed to the department head.

Students who desire to be considered for exemption from the qualifying examination based on results from a comparable examination or coursework taken at another institution (or department within UConn) or grades in transferred coursework must direct their request to the chairperson of the Qualifying Examination Committee for evaluation by the committee as a whole. This request must occur prior to the earliest date of eligibility to take the examination. The committee's decisions on such exemption requests are binding.

Unless granted an exemption from the Qualifying Examination Committee, students must take the qualifying examination offered immediately following the completion of the spring semester of their first year. Exemptions will only be granted to: 1) students who were enrolled in remediation course(s) as approved by the Departmental Ph.D. Steering Committee, or 2) students who qualify for postponement based on recognized college or university policy.

The qualifying examination will occur once per year and students will be given at most two opportunities to pass the examination. Further, unless granted an exemption from the Qualifying Examination Committee, students who fail the qualifying examination must take the first subsequent examination offered. Exemptions will only be granted according to recognized college and university policy.

### Additional course requirements

In addition to the core courses listed above, which must be taken during the first year, students must also pass the following courses during their Ph.D. program:

ECON 6202 Macroeconomic Theory I

ECON 6311 Econometrics II

### Area of specialization

Students must complete nine credit hours of formal coursework in an **area of specialization**. The area of specialization is not a formal degree designation. Rather, an area of specialization is a

departmental definition that organizes the scholarly activities that will culminate in a completed dissertation and conferral of Doctor of Philosophy. Coursework for the area of specialization is set by the Advisory Committee in consultation with the student. Examples of possible areas of specialization areas are:

- (1) environmental and resource economics**
- (2) food marketing and industrial organization**
- (3) international economic development**
- (4) quantitative methods**

The coursework may come from a variety of departments and colleges, such as Agricultural and Resource Economics, Natural Resource Management and Engineering, Economics, Business, Mathematics, and Statistics.

#### Area of Specialization Examination

The Area of Specialization (or “field”) Examination is the second part of the General Examination series. Students who have passed the qualifying examinations in microeconomics and quantitative methods or have obtained exemption and who have filed an approved Plan of Study with the Graduate School may take this exam. The examination covers course work in the Area of Specialization and related courses. The exam is administered by the student's advisory committee, which is also responsible for its format and scheduling. The exam may be of the traditional type or may take the form of a high quality independent research paper.

The final decision as to whether or not the student has passed the examination shall rest solely with the student’s advisory committee. The major advisor shall communicate the results of the exam to the candidate as soon as a final decision is made and immediately send the official report to the Graduate School. A copy of the report must be filed with the department. The major advisor should also report the procedure and the outcome of the General Examination to the faculty at the following departmental meeting. If a student fails the Area of Specialization Examination, the student may retake it at the next scheduled opportunity, provided their advisory committee approves.

#### Elective course requirement

Students must pass at least 3 credit hours of formal coursework in the department that is outside the designated area of specialization.

### Graduate School requirements

In addition to the department-specific requirements described above, Ph.D. students must comply with three Graduate School requirements.

- 1) Students must complete at least 15 credits of GRAD 6950 – Doctoral Dissertation Research or Grad 6960 – Full-Time Doctoral Dissertation Research.
- 2) Students must either: 1) demonstrate a reading knowledge of a foreign language that provides access to a significant body of economic literature, or 2) complete six credits of course work in a related or supporting area to their Ph.D. program. A related or supporting area cannot include courses in ARE or courses in other departments that satisfy core requirements of the Ph.D. program. Examples of departments from which courses could be used are economics, mathematics, statistics, sociology, political science, anthropology, and business. See the University's graduate catalog for more information related to these two requirements.
- 3) Students must submit and defend a dissertation. The dissertation is the scholastic culmination of a student's ongoing research. It must meet all of the standards specified by the Advisory Committee and The Graduate School. Specifically, approval of the dissertation—the written document and the oral defense—is determined by the advisory committee based upon their expertise in the subject matter and in accordance with the policies of The Graduate School of the University of Connecticut (available on their website).

### **How Long Will a Doctoral Program Take?**

The time necessary for completing the Ph.D. varies depending upon curriculum and student ability. Students who enter the program with a Master's degree should expect to spend no more than 3 years while students entering with a Bachelor's degree should expect to spend no more than 4 years in the program. Financial support from the Department may not be continued beyond these expected degree completion times.

### **V. GRADUATE RESEARCH OPPORTUNITIES**

The Department takes particular pride in its research program and recognizes that research permits graduate students to demonstrate their creative ability and to attain academic maturity. Students usually begin thinking about their thesis or dissertation project early in their program, with formal planning beginning during the second semester of an M.S. program and at the end of the second semester of a Ph.D. program.

Examples of possible research topics are: econometric analysis of food demand and supply, measurement of economic efficiency in agricultural enterprises, market power and industrial concentration, interregional competition, analysis of entry barriers in the food manufacturing industries, evaluating alternative promotion strategies for a commodity marketing board, analysis of public policies to protect open space, efficient design of policies for environmental protection, evaluating the impact of alternative groundwater contamination regulations upon agricultural activity and public welfare, and identifying the determinants of rural-urban migration patterns in less developed countries. The Appendix lists the theses and research papers written by recent graduates.

The University of Connecticut is a major center for graduate education and research. As such it maintains a modern library with extensive collections in all areas including the social sciences and is a repository for state and federal documents. Through the library, our Department has direct access to several computerized data services including Standard and Poor's Compustat data base, and the Center for Research on Security Prices (CRSP) data base.

The Department houses the world-renowned Charles J. Zwick Center for Food and Resource Policy (<http://www.zwickcenter.uconn.edu/>) whose primary mission is to conduct quantitative and policy oriented economic research on problems confronting food and energy markets, the use of natural resources, and the environment. The Center offers graduate students not only the opportunity to do research, but also to meet and discuss research questions with leading agricultural and resource economists from throughout the world. In addition, the Center has established contacts with other universities, including Yale, Harvard, and the University of Massachusetts, that can be helpful when gathering research data and information.

The Department of Agricultural and Resource Economics maintains a reference library that contains the leading economic and agricultural economic journals, reference books, research monographs, a vertical file of USDA and other agricultural economics department publications, a file of company annual reports from the nation's 200 largest food companies, and a collection of production, marketing, and price data series.

The University Computer Center and Information Technology Services are described on <http://uits.uconn.edu/>. In addition, the Department's graduate student computer lab supplies state-of-the-art flat screen computers, software and wireless internet access. Graduate students are able to benefit from the availability of a wide variety of data processing, statistical analysis, and word processing programs, SHAZAM, LIMDEP, TSP, SAS, SPSS, RATS, and GAUSS. The Paul L. Putnam Endowment Fund for Graduate Education in agricultural and resource economics provides financial support for graduate students wishing to attend professional meetings.

Publication of research results is encouraged to further the University's mission as a land grant institution. Outlets include the Department's staff paper series, extension bulletins, experiment

station reports, the public media, journals and books. Participating in the publication process is an important professional experience. The rewards of authorship are multiple.

## **VI. FINANCIAL ASSISTANCE AND FRINGE BENEFITS**

Graduate research assistantships and fellowships are available on a competitive basis to graduate students admitted with regular status ([www.grad.uconn.edu](http://www.grad.uconn.edu)). Employment on graduate assistantships is arranged so that recipients devote a portion of their time to research and/or teaching duties and the rest to their own course work.

Assistantships are awarded on a nine-month academic year basis. Tuition fees may be waived for students on an assistantship. Fringe benefits include broad medical insurance coverage which is highly subsidized to employees and their family members. Detailed information on medical benefits for graduate students can be obtained at [www.hr.uconn.edu](http://www.hr.uconn.edu).

## **VII. GRADUATE COURSE OFFERINGS IN AGRICULTURAL ECONOMICS**

### **ARE 5150. Microeconomic Foundations for Sustainability**

3 credits. Lecture. Theory and tools of microeconomic foundations for sustainable development. Intermediate understanding of applied microeconomics and practicing quantitative techniques for application to economic issues using electronic spread sheets.

### **ARE 5201. Microeconomics**

3 credits. Lecture. Beginning graduate microeconomics covering consumer and producer theory, price determination, economic efficiency, and welfare analysis.

### **ARE 5211. Quantitative Analysis for Sustainable Development**

3 credits. Lecture. Quantitative methods used in the analysis of problems related to sustainable economic development with a focus on agriculture, natural resources, and the environment. Regression analysis, economic impact analysis, feasibility studies, enterprise budgets, and survey methods.

### **ARE 5215. Sustainable Business Management**

3 credits. Lecture. Principles of management strategy with a focus in agribusiness. Marketing, financial and human resource management as well as budgeting techniques and the legal and organizational structure of businesses from the perspective of sustainability.

### **ARE 5252. Planning for Economic Development**

3 Credits. Lecture. Prerequisite: ARE 5150 and 5211. Insight into domestic and international economic policy dynamics relevant to economic development as well as application of critical organizational skills to the development of a grant proposal and project development and

management. Students are required to use theoretical, methodological and practical applications to sustainable economic development covered in previous courses.

**ARE 5305. The Role of Agriculture and Natural Resources in Economic Development**

3 credits. Lecture. The role of agriculture in the economic development of less developed economies. Microeconomic dimensions of agricultural development, economics of food consumption and nutrition, agricultural technology and productivity, agricultural supply, land tenure and agrarian reform, foreign assistance, trade agreements, and agricultural price policy.

**ARE 5311. Applied Econometrics**

3 credits. Lecture. Construction, estimation, and interpretation of economic behavioral and technical equations using data that are passively generated by a system of simultaneous, dynamic and stochastic relations.

**ARE 5315. Mathematical Programming for Economists**

3 credits. Lecture. Procedures for formulating and applying mathematical optimizing techniques. Emphasis is on the use of linear and nonlinear programming models for researching economic problems.

**ARE 5462. Environmental and Resource Economics**

3 credits. Lecture. Natural resource use and environmental quality analysis using economic theory. Reviews of empirical research and relevant policy issues.

**ARE 5464. Benefit-Cost Analysis and Resource Management**

3 credits. Lecture. Theoretical foundations and applications of benefit cost analysis in project appraisal and in evaluation of public policies regarding resource management and environmental protection.

**ARE 5474. Industrial Organization: Empirical Analysis**

3 credits. Lecture. Analysis of the structure, conduct, and performance of industries with examples from the food sector and other industries. Explains the development of testable hypotheses from theory, empirical methods, evidence on the level and type of competition, economies of size, product differentiation, entry barriers, and the impact of alternative organizational forms including cooperatives on economic performance.

**ARE 5495. Special Topics**

1-3 credits. Lecture. May be repeated for credit with a change of topic. Topics and credits to be published prior to the registration period preceding the semester offerings.

**ARE 5499. Independent Study in Agricultural and Resource Economics**

1-6 credits. Independent study. This course provides the opportunity for graduate students to carry on independent reading or research in the field of the student's needs and interests.



**†GRAD 5930. Full-Time Directed Studies  
(Master's Level)**  
3 credits.

**†GRAD 5950. Master's Thesis Research**  
1 - 9 credits.

**†GRAD 5960. Full-Time Master's Research**  
3 credits.

**ARE 5991. Professional Internship**

1-6 credits. Project-based fieldwork with an approved partnering organization related to sustainable economic development, including agribusiness management, marketing and financial analysis, food systems, and economic development.

**ARE 5992. Practicum in Economic Development**

1-6 credits. Project-based fieldwork with an approved partnering organization related to sustainable economic development, including agribusiness management, marketing and financial analysis, food systems, and economic development.

**GRAD 5998. Special Readings (Master's)**  
Non-credit.

**GRAD 5999. Thesis Preparation**  
Non-credit.

**ARE 6464 - Experimental Methods for Program Evaluation**

3 credits. Lecture. Prerequisites: A graduate level introduction to statistics or econometrics class or equivalent. Recommended preparation: A graduate level microeconomic theory course. Theory and practice of field-based program experiments, often referred to as randomized controlled trials (RCTs). All aspects of experimental program evaluation, including the design of evaluation strategy and working with survey and program staff. Examples from both developing country contexts and Western country program evaluation.

**ARE 6466. Environmental Economics**

3 credits. Lecture. Prerequisite: ARE 5201 or ECON 5201. Also offered as ECON 6466. Economic analysis of environmental problems and corrective policy instruments. Theory of externalities and public goods, role of uncertainty and imperfect information in policy design, benefit-cost analysis, and non-market valuation. Applications to environmental problems (such as air and water pollution, hazardous waste, and occupational health and safety).

**ARE 6468. Economics of Natural Resources**

3 credits. Lecture. Economic concepts and issues related to the allocation of stock resources through time, the use and protection of flow resources, and the role of natural resources in economic growth.

**ARE 6470. Applied Research in Environmental Economics**

3 credits. Lecture. Prerequisites: ARE 5201 OR ECON 5201 AND ARE 5311 OR ECON 5312. Recommended preparation: ECON 6466 or ARE 6466 or 6468 or 5462. This course develops a broad perspective on the peer-reviewed literature concerning the frontier areas of contemporary environmental economics, with an emphasis on incentive and market-based approaches to ecosystem services, valuation of environmental quality and assets, interface between experimental and environmental economics, including such topics as land use change, conservation, pollution control, water resource services, forest ecosystem management. Students will develop critical thinking skills evaluating published studies and identifying gaps in methodology and knowledge for future research.

**ARE 6472. Microeconomic Applications to Food Markets**

3 credits. Lecture Prerequisites: ARE 5201 or ECON 5201 and ARE 5311 or ECON 5311. This course trains students in applied microeconomics, with particular emphasis on food markets and public policy. The course is divided into three broad areas: production economics, economics of consumer behavior, and market analysis. Particular emphasis is placed on quantitative tools using empirical models and welfare economics. Students design and undertake an individualized project in their area of interest.

**ARE 6474. Empirical Industrial Organization I**

3 credits. Lecture. Empirical Industrial Organization models that use simultaneous equations, discrete choice, and/or nonlinear econometric methods to analyze conduct and performance of brands and firms in non competitive industries. Includes static and dynamic modeling of pricing and advertising in differentiated product oligopolies. Antitrust policy applications in the U.S. and E.U.

**ARE 6476. Empirical Industrial Organization II**

3 credits. Lecture. This course builds on Empirical IO I and explores the use of advanced applied methods to gauge consumer demand, firm conduct and relevant policy implications. The empirical methods covered include both structural models, static or dynamic, and reduced forms. To this end, we will discuss papers in class demonstrating these methods. The emphasis will be data, sources of identification, and estimation techniques.

**ARE 6495. Graduate Research Seminar**

1 credit. Seminar. Participation in research seminars presented by invited scholars and departmental faculty.

**†GRAD 6930. Full-Time Directed Studies  
(Doctoral Level)**

3 credits.

**†GRAD 6950. Doctoral Dissertation  
Research**

1 - 9 credits.

**†GRAD 6960. Full-Time Doctoral  
Research**  
3 credits.

**ARE 6695. Special Topics**

May be repeated to a maximum of 12 credits with a change of topic. Topics and credits to be published prior to the registration period preceding the semester offerings.

**GRAD 6998. Special Readings (Doctoral)**

Non-credit.

**GRAD 6999. Dissertation Preparation**

Non-credit.

## **VIII. FACULTY**

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**Tatiana Andreyeva**, Associate Professor, Ph.D., Pardee RAND Graduate School (2006), Policy Analysis, [tatiana.andreyeva@uconn.edu](mailto:tatiana.andreyeva@uconn.edu)

**John Bovay**, Assistant Professor, Ph.D., University of California at Davis (2014), Agribusiness, Food Policy, [john.bovay@uconn.edu](mailto:john.bovay@uconn.edu)

**Boris E. Bravo-Ureta**, Professor, Ph.D., University of Nebraska (1981), Production Economics and International Agricultural Development, [boris.bravoureta@uconn.edu](mailto:boris.bravoureta@uconn.edu)

**Richard A. Dunn**, Associate Professor, Ph.D., University of Wisconsin-Madison (2008), Economics, Applied Microeconomics, Health Economics, and Public Economics, [richard.dunn@uconn.edu](mailto:richard.dunn@uconn.edu)

**Nathan Fiala**, Assistant Professor, Ph.D., University of California at Irvine (2009), Economics, [nathan.fiala@uconn.edu](mailto:nathan.fiala@uconn.edu)

**Robert S. Pomeroy**, Professor, Ph.D., Cornell University (1989), Marine Resource Economics, [robert.pomeroy@uconn.edu](mailto:robert.pomeroy@uconn.edu)

**Farhed A. Shah**, Associate Professor, Ph.D., University at California at Berkeley (1990), Natural Resource and Environmental Economics, [farhed.shah@uconn.edu](mailto:farhed.shah@uconn.edu)

**Stephen K. Swallow**, Professor, Ph.D., Duke University (1988), Natural Resource and Environmental Economics, [stephen.swallow@uconn.edu](mailto:stephen.swallow@uconn.edu)

**Charles Towe**, Assistant Professor, Ph.D., University of Maryland at College Park (2007), Agricultural and Resource Economics, Environmental Economics and Policy, [charles.towe@uconn.edu](mailto:charles.towe@uconn.edu)

### **Non-tenure Track & Visiting Faculty Appointments:**

**Emma Bojinova**, Lecturer, Ph.D., University of Kentucky (2008), Health Economics, International Trade, and Economics of Education, [emma.bojinova@uconn.edu](mailto:emma.bojinova@uconn.edu)

**Syma Ebbin**, Associate Professor in Residence, Ph.D., Yale University (1998), Environmental Management, [syma.ebbin@uconn.edu](mailto:syma.ebbin@uconn.edu)

**Pengfei Liu**, Assistant Research Professor, Ph.D., University of Connecticut (2016), Environmental and Resource Economics, [pengfei.liu@uconn.edu](mailto:pengfei.liu@uconn.edu)

### **Joint Appointments:**

**Richard Langlois**, Professor, Ph.D., Stanford University (1980), Economics of Organizations, Technological Change, Social Institutions (Economics Department), [richard.langlois@uconn.edu](mailto:richard.langlois@uconn.edu)

**Subhash Ray**, Professor, Ph.D., University of California (1981), Microeconometrics, Economic Development (Economics Department), [subhash.ray@uconn.edu](mailto:subhash.ray@uconn.edu)

**Kathleen Segerson**, Professor, Ph.D., Cornell University (1984), Natural Resources, Quantitative Methods, Economic Theory and Public Finance (Economics Department), [kathleen.segerson@uconn.edu](mailto:kathleen.segerson@uconn.edu)

### **Emeritus Faculty Members**

*Marilyn Altobello*

*John P.H. Brand*

*Ronald W. Cotterill*

*Raymond O. P. Farrish*

*Kenneth P. Hadden*

*Linda K. Lee*

*Tsounng-Chao Lee*

*Robert L. Leonard*

*Emilio Pagoulatos*

## Appendix 1: Sample of Jobs of Past Ph.D/M.S. Graduate

### Academia

- Ajuzie, Emmanuel — Ph.D. 1994 — Associate Professor — Lincoln University, MO
- Bhuyan, Sanjib — Ph.D. 1995 — Associate Professor/Grad. Pgm Director. — Rutgers University, NJ
- Bonanno, Alessandro — Ph.D. 2007 — Assistant Professor — Pennsylvania State University
- Canan, Basak — M.S. 2002 — Research Associate— Uludag University, Turkey
- Casson, Michael — Ph.D. 2001 — Assistant Professor — Delaware State University
- Castle-Hoyt, Jena—M.S. 2010—Extension Educator—Ohio State University
- Cohen, Michael—Ph.D. 2009—Visiting Assistant Professor—New York University
- Chidmi, Benaissa — Ph.D. 2006 — Assistant Professor — Texas Tech University, TX
- de Almeida, Alexandre -- Ph.D. 2010 -- Assistant Professor of Economics – Federal University of São Carlos, Brazil
- De Prada, Jorge — Ph.D. 2004 — Assoc. Professor — Univ. of Cordoba, Argentina
- Dhar, Tirtha— Ph.D. 2001— Assistant Professor — Univ. of British Columbia, Canada
- Diallo, Boubacar — Ph.D 2001 — Assistant Professor— Michigan State University
- Grimm-Greenblatt—M.S. 2012—Research Associate—University of Arkansas-Pine Bluff
- Gnedenko, Katerina—Ph.D. 2009—Lecturer—Tufts University, MA
- Gonzalez, Maria — Ph.D 2004 — Postdoc — CIHEAM (Spain) and the World Bank
- Hathie, Ibrahima — Ph.D. 2000 — Professor — ENEA, Senegal
- Joglekar, Deepak—Ph.D. 2009—Assistant Professor in Residence—Eastern Connecticut State University
- Kawashima, Shigekazu — Ph.D. 2003 — Associate Professor — Miyagi University, Japan
- Kisswani, Khalid—Ph.D. 2009—Assistant Professor—Gulf University of Science and Technology, NV

- Kimball-Field, Martha — Ph.D. 1993 — Prof. and Assoc. Dean — Greenfield Community College, VT
- Lee, Yoon -- Ph.D. 2009 – Assistant Professor – Sun Moon University, South Korea
- Li, Xun -- Ph.D. 2014 -- Assistant Professor -- Wuhan University, China
- Liu, Xiaoou—Ph.D. 2009—Assistant Professor—Renmin University of China
- Maripani, Jose—Ph.D. 2007—Associate Dean, School of Business—University of Magallones, Chile
- Nardone, Gianluca — M.S. 1994 — Associate Professor — U. degli Studi di Foggia, Italy
- Neptin, Brianne — M.S. 2005 — Coordinator — URI Coastal Fellows Program, Kingston, RI
- Olavarria, Jaime — M.S. 1998 — Assistant Professor — University of Talca, Chile
- Onyango, Benjamin — Ph.D. 1999 — Research Associate — Rutgers University, NJ
- Patalinghug, Jason -- Ph.D. 2013 -- Visiting Assistant Professor -- Wesleyan University, CT
- Qaiser, Shadab — Ph.D. 2009 — Instructor— McMaster University, Ontario
- Scastasta, Sara — Ph.D. 2002 — Postdoc Research — Wageningen University, Netherlands
- Shih, Cheng Ping — Ph.D. 1993 — Associate Professor — National Normal University, Taiwan
- Solis, Daniel -- Ph.D. 2015 -- Agribusiness Program Leader -- Florida A&M University, FL
- Tchumtchoua, Sylvie -- Ph.D. 2009 -- Postdoctoral Associate -- Duke University, NC
- Thiam, A. — Ph.D. 2003 — Professor — ENEA, Senegal
- Tsvetanov, Tsvetan -- Ph. D. 2013 -- Postdoctoral Fellow – Yale University, CT
- Wu, Junjie — Ph.D 1992 — Professor — Oregon State University
- Zhu, Chen -- Ph.D. 2013 -- Assistant Professor -- China Agricultural University

## Government, NGOs

- Ahmad, Munir — Ph.D. 1994 — Chief of Research — Pakistan Institute of Development Economics
- Al Hasani, Hajim — Ph.D. 1990 — Minister of Industry — Government of Iraq
- Baldi, Stefano — M.S. 2007 — Agricultural Assistant — USDA-FAS Rome, Italy
- Cisse, Aly— M.S. 2000 — Economist — UN International Labor Office, Senegal
- Demeter, Katalin — Ph.D. 1992 — Economist — The World Bank, Washington, D.C.
- DiRubbo, Pasquale — M.S. 2007 — Policy Advisor — COPA-COGECA Brussels, Belgium
- Haller, Larry — Ph.D. 1994 — Agricultural Economist— USDA, Washington, D.C.
- Heninger, Brian — Ph.D. 1992 — Economist — EPA, Washington, D.C.
- Kim, Won Il —M.S. 2008 —Agricultural Officer —FAO, Rome, Italy
- Lirón-España,Carmen — Ph.D. 2001 — Utility Analyst — Dept. of Telecom. & Energy, MA
- Londono-Diaz, Luz—Ph.D. 2010—Chief of Economic Valuation—Institute of Marine and Coastal Research, Columbia
- Mattanapanchai, M. — Ph.D. 2005 — Economist — NY Assembly, Albany, NY
- Mbolo, Gabriel — M.S. 1992— Economist — Ministry of Agriculture, Cameroon
- Muawanah, Umi -- Ph.D. 2013 -- Researcher – Ministry of Marine Affairs, Indonesia
- Olney, Elizabeth — M.S. 2009 — Project Associate— Connecticut Clean Energy Fund, CT
- Ortiz, Anthony—M.S. 2012—Aquaculture Production Expert—USAID, Washington, D.C.
- Quiroga, Ricardo — Ph.D. 1991 — Senior Economist — Inter-American Development Bank, D.C.
- Rhodes, Charles – Ph.D. 2013 -- ORISE Postdoctoral Fellow – U.S. Environmental Protection Agency, Washington, D.C.
- Saila-Ngita, Diafuka — Ph.D. 2002 — Project Coordinator — Institute for Community Research, CT



- Storti, Daniela — M.S. 1996 — Economist — Ministry of Agriculture, Italy

### **Private Industry**

- Asante, Nana — M.S. 2005 — Tax Analyst— United Technologies Corporation, Hartford, CT
- Brodnitzki, William — M.S., 1995 — Vice President — Silverlink Communications, MA
- Baldi, Stefano — M.S., 2007 — Junior Researcher — Nomisma, Italy
- Calvo, Maria — M.S., 2002 — Market Research — Intellisponse Market Research, CT
- Cocchi, Horacio — Ph.D. 2004 — Marketing Research — Dallas, TX
- Devasena, Jamima — M.S. 2002 — Marketing Analyst — MCA/CARAT Market Research, CT
- Fantuzzi, Kristin—Ph.D. 2007—Market Research Analyst—Biovid, NJ
- Fishman, Kara — Ph.D. 1994 — Owner — Fishman Appraisal Services, CT
- Fueglein, Hugo -- M.S. 1984 -- Managing Director -- Diversified Search, CT
- Kukielka, Jessica — M.S. 2008 — Customer and Market Analyst — Siemens Energy, Orlando FL
- Langan, Glenn — Ph.D. 1997 — Marketing Economist — A.C. Nielson Company, NJ
- Ma, Li-Yu — Ph.D. 1997 — Vice President — Investment Banking, Lehman Bros., NY
- Marunas, Todd— M.S. 2003 — Cost Estimator — Waterbury Wrecking Co., CT
- Molloy, Kevin — M.S. 1998 — Senior Vice President — AXA Equitable Life Insurance Company
- Mott, John — M.S. 2000 — Economist — Packers & Stockyards, CO
- Murphy, Melanie — M.S. 2007 — Senior Investment Analyst—Hancock Agricultural Investment Group, MA
- Nalette, Christopher — M.S. 2005 — Senior Financial Coach — Wellspring Financial Hope Foundation, Colorado Springs, CO
- Pirro, Erin—M.S. 2006—Assistant Vice President—First Pioneer Farm Credit, CT
- Samson, Pierre — M.S. 2000 — Economist — Montreal, Quebec

- Saripalle, Madhuri — Ph.D. 2005 — Economist — Nathan India, Chennai, India
- Serafini, Damiana—M.S. 2010—Director—Biocombustibles Sustentables, Argentina
- Shea, Ellen — M.S. 1999 — Environmental Analyst — The Hartford Insurance Co., CT
- Tian, Li— Ph.D. 2006 — Economist — Discover Financial Services, Chicago, IL
- Xu, Ning — M.S. 1998 — Director of State Operations—Liberty Mutual Insurance, WA

## Appendix 2: Theses & Research Papers of Recent Graduates

|                    |       | <b>Title of Thesis or Research Paper (Advisor)</b>   |
|--------------------|-------|--|
| <b>2016</b>        |       |  |
| Bao, Wenqiang      | Ph.D. | “Production Efficiency and Productivity Change in Chinese Agriculture after Economic Reforms: A Case Study of Agricultural Production in Shanxi Province” (Ray)      |
| Demander, Lars     | M.S.  | “Connecticut Market for Ethno-Cultural Vegetables” (Campbell)  |
| Faye, Diouma       | M.S.  | “An Analysis of Technical Efficiency in Maize Production in Senegal Using Stochastic Production Frontiers” (Bravo-Ureta)   |
| Hoke, Omer         | Ph.D. | “Three Empirical Essays in the U.S. Beer Industry” (Cotti)   |
| Liu, Pengfei       | Ph.D. | Topics in Establishing Environmental markets: Performance of a Multi-Units Public Good Auction and Credit Stacking Policy” (Swallow)                                 |
| Massaly, Salimata  | M.S.  | “Climatic Effects and Total Factor Productivity in US Dairy Farming: An Empirical Analysis of Northeastern and Midwest Counties between 1974 and 2012” (Bravo-Ureta) |
| Paliwal, Neha      | M.S.  | “Technology and Managerial Gaps in the Adoption of Improved Groundnut Seed Varieties in Uganda” (Bravo-Ureta)  |
| Qi, Lingqiao       | Ph.D. | “Three Essays on the Economics of Climate Change and Productivity, Food Supply, and Land Resource Conservation” (Bravo-Ureta)  |
| Saitoh, Takeru     | M.S.  | “Export and Import Flows in Japan: Gravity Model Analysis using Panel Data” (Bojinova)   |
| Zaffou, Madiha     | Ph.D. | “Three Essays on Households Consumption Patterns and Labeling” (Campbell)  |
| <b>2015</b>        |       |  |
| Amponsah, Kwabena  | M.S.  | “Productivity Gaps and Sustainability Analysis of Improved Groundnut Seeds for SmallHolder Farmer in Malawi” (Bravo-Ureta)   |
| Barriga, Alicia    | M.S.  | “Sea Level Rise, Saltmarsh Expansion and Environment Choices in the Diverse City of Bridgeport, CT” (Swallow)  |
| Gao, Yan           | M.S.  | “Estimating China’s Social Costs of Greenhouse Gas Emissions Using a Coupled RICE-OSCAR Model” (Shah)  |
| Katz, Michael      | M.S.  | “Consumer Preferences for Local and Organic Agricultural Goods” (Campbell)   |
| Qiao, Lingxuan     | M.S.  | “The Welfare Cost of Agricultural protection: China and Second Best Sugar Policy” (Lopez)  |
| <b>2014</b>        |       |  |
| Castellari, Elena  | Ph.D. | “Three Essays on Food Policy and Health Consumption Patterns” (Cotti)  |
| DeFalcis, Eleonora | M.S.  | “Political Economy of Chinese Agricultural Subsidies” (Lopez)  |
| Dunn, Laura        | M.S.  | “Agricultural Producer Perceptions of the State Regulatory Environment in the Northeast” (Campbell)  |
| Ha, Sangsu         | M.S.  | “Consumer Welfare and Water Pricing in Connecticut: Time to Revisit Existing System” (Shah)  |
| Krupa, Andrew      | M.S.  | “Solomon Islands: Examination of Coastal Fisheries Data and Strategy for Management” (Pomeroy)   |
| Lachaud, Michee    | Ph.D. | “Three Essays on Resource Use, Sustainability and Agricultural Productivity” (Bravo-Ureta)   |
| Li, Xun            | Ph.D. | “Three Essays in the Economics of Food Marketing” (Lopez)  |
| Rabinowitz, Adam   | Ph.D. | “The Endogeneity of Crime and Supermarket Locations: Implications for Food Access” (Cotterill)   |
| Tiboldo, Giulia    | M.S.  | “Political Economy of Chinese Agricultural Subsidies” (Lopez)  |
| Yu, Qiushuo        | M.S.  | “A Choice Based Conjoint Analysis of Community Support Agriculture (CSA) in Connecticut: Valuation of Attributes” (Campbell)   |
| Zheng, Hualu       | Ph.D. | “Three Essays on Marketing Strategies in Food and Beverages Industries” (Lopez)  |

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|--------------------------|-------|---|
| <b>2013</b>              |       |   |
| Clinton, Jennifer        | M.S.  | “Cost-Benefit Analysis of Coastal and Marine Spatial Planning in Long Island Sound” (Pomeroy)   |
| Krahe, Joseph            | M.S.  | “The Impact of Technology on Labor Makeup: A Study of the Green Industry” (Campbell)  |
| Muawanah, Umi            | Ph.D. | “Three Essays in Fisheries and Aquaculture Economics” (Pomeroy)   |
| Njuki, Eric              | Ph.D. | “Environmental Efficiency and Regulations, and Productivity Growth in the Face of Climate Change: An Analysis of U.S. Agriculture” (Bravo-Ureta)  |
| Patalinghug, Jason       | Ph.D. | “Two Essays on the U.S. Confectionery Industry” (Langlois)  |
| Rhodes, Charles          | Ph.D. | “A Transdisciplinary Analysis of Sweetened Carbonated Soft-Drink Consumption and Related Policy Options” (Cotterill)  |
| Roman, Stacey            | M.S.  | “A Competitive Analysis of Corn, Sugarcane, and Switchgrass in Ethanol Production” (Altobello)  |
| Siers, Michael           | M.S.  | Analyzing the Value of a View: Using GIS and LiDAR to Decompose the Value of Viewsheds and Access in Greenwich, Connecticut” (Swallow)  |
| Tsvetanov, Tsvetan       | Ph.D. | “Three Essays on Energy Efficiency and Climate Change” (Segerson)   |
| Underwood, Eileen        | M.S.  | “Environmental Externalities of Coal Mining: A Two-Market Analysis” (Shah)  |
| Wang, Rui                | M.S.  | “The Impact of Liability on the Effectiveness of Voluntary Programs: Empirical Evidence from National Partnership for Environmental Priority Program” (Segerson)  |
| Wright, Nicholas         | M.S.  | “Connecticut Grown Forest Products: An Assessment of Consumer Willingness to Pay” (Berning)   |
| Yoon, Taeyeon            | Ph.D. | “Economics of Sustainable Natural Resource Management” (Shah)   |
| Zhu, Chen                | Ph.D. | “Three Essays on the US Ready-to-Eat Cereal Industry” (Huang)   |
| <b>2012</b>              |       |   |
| Abou-Saad, Ibrahim       | Ph.D. | “Total Factor Productivity Change in Egyptian Agriculture: A Governorate Level Analysis Using Stochastic Frontiers” (Bravo-Ureta)   |
| Asekenye, Cresensia      | M.S.  | “An Analysis of Productivity Gaps among Groundnut Smallholder Farmers in Uganda and Kenya” (Bravo-Ureta)  |
| Grimm-Greenblatt, Justin | M.S.  | “An Intermediate Benefit Cost Analysis on the Use of Low-Value/Small Sized Fish Versus Formulated Pellet Feed for Snakehead Aquaculture in An Giang Province and Dong Thap Province of Vietnam” (Pomeroy) |
| Hogan, John              | M.S.  | “Estimating the Relationship between Education and Food Purchases among Food Insecure Households” (Berning)   |
| Jeffords, Christopher    | Ph.D. | “Three Essays in Environmental Economics and Environmental Human Rights” (Minkler)  |
| Jelliffe, Jeremy         | M.S.  | “An Economic Analysis of Wine Grape Production in the State of Connecticut” (Bravo-Ureta)   |
| Mukherjee, Deep          | Ph.D. | “Agricultural Sustainability in the Face of Climatic Change: Challenges and Opportunities” (Bravo-Ureta & Shah)   |
| Ortiz, Anthony           | M.S.  | “Marine Ecosystem-Based Management Applications in Indonesian Fisheries Governance Practices” (Pomeroy)   |
| Von Rhade, Alexis        | M.S.  | “Improved vs. Traditional Seeds – A comparison of Groundnut Production in Uganda” (Bravo-Ureta)   |
| Wu, RouYu                | M.S.  | “Price Drivers of CO2 Allowances under Regional Emission Trading Scheme: An Empirical Study on the Regional Greenhouse Gas Initiative” (Segerson)   |
| <b>2011</b>              |       |   |
| Kihaga, Angelista        | M.S.  | “An Analysis of Technology and Management Gaps for Groundnut Producers in Kenya” (Bravo-Ureta)  |
| Lemunge, Grace           | M.S.  | “A Value Chain Analysis for Groundnut/Peanut in Kenya” (Bravo-Ureta)  |
| Maas, Alex               | M.S.  | “Capacity Building in Agricultural Education, Research and Extension in Senegal: An Evaluation of Labor Market Needs” (Boris Bravo-Ureta)   |

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|----------------------|-------|---|
| Talebpour, Kourosh   | M.S.  | “Marketing of Ready-To-Eat Breakfast Cereal: Marketing Strategies and Macronutrient Attributes in a Segmented Market” (Cotterill)                 |
| <b>2010</b>          |       |   |
| Castle, Jenna        | M.S.  | “Developing Elements of Marina Spatial Planning – Long Island Sound” (Pomeroy)  |
| deAlmeida, Alexandre | Ph.D. | “Three Essays in Agricultural Development in Central America: Semiparametric Analyses Using Panel Data” (Bravo-Ureta)                             |
| Londono-Diaz, Luz    | Ph.D. | “The Recreational Value of Coral Reefs: Classical and a Bayesian Meta-Analytic Approaches to Benefit Transfer” (Johnston)                         |
| Warner, Tammy        | Ph.D. | “Marine Conservation in Developing Countries: The Economics of Marine Protected Areas” (Pomeroy)  |
| <b>2009</b>          |       |   |
| Bouras, Mohamad      | M.S.  | “Assessing the Impact of Diversification on the Performance of U.S. Publicly Traded Grocery Stores” (Huang)                                       |
| Castellari, Elena    | M.S.  | “The Fluid Milk Market in Italy: Consumer Behavior and Industry-Level Brand Competitiveness” (Cotterill)  |
| Cohen, Michael       | Ph.D. | “Differentiated Product Demand Analysis With A Structured Covariance Probit: A Bayesian Econometric Approach” (Cotterill)                         |
| Gnedenko, Katerina   | Ph.D. | “Three Essays on the Economics of Open Space” (Shah)  |
| Joglekar, Deepak     | Ph.D. | “Simultaneously Achieving Development and Environmental Goals: An Application of Carbon Taxation in India” (Segerson)                             |
| Kisswani, Khalid     | Ph.D. | “Economics of Oil Prices and the Role of OPEC” (Shah)   |
| Lee, Yoon            | Ph.D. | “Economics of Sustainable Watershed Management under Alternative Climate Change Scenarios” (Shah)   |
| Liu, Xiaouou         | Ph.D. | “Rational Addiction, Retail Pricing and Profit Margins” (Lopez)   |
| Olney, Elizabeth     | M.S.  | “A Cost-Benefit Analysis of Producing Energy from Biomass” (Shah)   |
| Qaiser, Shadab       | Ph.D. | “Nonlinearities Between Financial Development and Economic Development” (Randolph)  |
| Zhao, Minjuan        | Ph.D. | “Two Essays on Natural Resources Valuation: Wetlands Benefit Transfer and Farmlands Preservation Efficiency” (Altobello)                          |
| <b>2008</b>          |       |   |
| Esteban, Encarna     | M.S.  | “An Input Tax Instrument to Control Nonpoint Pollution in the Ebro Basin (Spain)” (Segerson)  |
| Fabra, Gustavo       | M.S.  | “Influence of Denomination of Origin on Spanish Wine Prices: A Hedonic Approach and a Logit Model” (Lopez)  |
| Fantuzzi, Kristen    | Ph.D. | Carbonated Soft Drink Consumption: Implications for Obesity Policy” (Lopez)   |
| Kukielka, Jessica    | M.S.  | “Systematic Variation in Willingness to Pay for Agricultural Land Preservation and Implications for Benefit Transfer: A Meta-Analysis” (Johnston) |
| St. Jean, Katherine  | M.S.  | “The Economics of Wasabi: Production in Connecticut” (Altobello)  |
| Tchumtchoua, Sylvie  | Ph.D. | “Advertising and Dynamic Demand for Differentiated Products” (Cotterill)  |
| <b>2007</b>          |       |   |
| Baldi, Stefano       | M.S.  | “Horizontal and Vertical Intra-Industry Trade Between the 10 New member Countries and the EU-15: The Case of Agri-Food Products” (Matschke)       |
| Bonanno, Alessandro  | Ph.D. | “Economics of Emerging Retail Formats: Wal-Mart, Wages and Service Competition” (Lopez)   |
| Cleary, Rebecca      | M.S.  | “The Impact of Wal-Mart Supercenters on Incumbents’ Pricing Conduct: A Case Study of the Dallas/Fort Worth Milk Market.” (Lopez)                  |
| DiRubbo, Pasquale    | M.S.  | “A Comparative Study of EU and US Trade Policies for Developing Countries: The Case of Agri-Food Trade” (Matschke)                                |
| Maripani, Jose       | Ph.D. | “Efficiency in Higher Education: An Analysis of the Traditional Universities in Chile (Bravo-Ureta)   |

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|----------------------|-------|--|
| Murphy, Melanie      | M.S.  | "An Industry Analysis of US Peanut Butter: 1998-1992" (Cotterill)  |
| <b>2006</b>          |       |  |
| Yang, Yu-Chen        | Ph.D. | "Environmental Regulation and International Trade" (Larson)  |
| Moreira, Victor      | Ph.D. | "Dairy Farm Technical Efficiency and Milk Total Factor Productivity Growth in Three South American Countries" (Bravo-Ureta)                                |
| Stapler, Ryan        | M.S.  | "Cross Validating Meta-Analytic Benefit Transfer: An Application to Recreational Fishing Values" (Johnston)  |
| Chen, Yu-Jay         | M.S.  | "Explaining Supermarket Location in Connecticut" (Lopez)   |
| Chidmi, Benaissa     | Ph.D. | "Brand-Supermarket Level Demand for Breakfast Cereals and Multidimensional Competition" (Lopez)  |
| Tian, Li             | Ph.D. | "Three Essays in Market Channel Economics" (Cotterill)   |
| Sepe, Erin           | M.S.  | "Teaching Financial Analysis to High School AgriScience Students" (Lee)  |
| Thuo, Mary           | M.S.  | "Determinants of Fertilizer Use by Smallholder Farmers: Senegal Peanut Basin, 1998-2004" (Bravo-Ureta)   |
| Vicentini, Emanuele  | M.S.  | "Environmental Accounting and Economic Analysis Regarding the Implementation of the Nutrient Management Plan in Connecticut" (Segerson)                    |
| Genio, Emmanuel      | M.S.  | "Factors Affecting Fisherfolk's Support for Coastal Resources Management: The Case of Local Government-Initiated Mangrove Protection Activities" (Pomeroy) |
| <b>2005</b>          |       |  |
| Asante, Nana         | M.S.  | "Flat Pricing Conduct of Milk Retailers in New York and New England" (Cotterill)   |
| Druckute, Inga       | M.S.  | "Effects of Assumed Behavior on Simulated Post-merger Equilibrium in Differentiated Product Markets" (Cotterill)   |
| Nalette, Christopher | M.S.  | "Economic Valuation of Fishing Tourism at Glover's Reef Marine Reserve, Belize" (Pomeroy)  |
| Neptin, Brianne      | M.S.  | "Economic Analysis of Alternative Techniques to Reduce Nonpoint Source Pollution In Residential Developments" (Altobello)                                  |
| Pattanapanchai, M.   | Ph.D. | "Economics of Renewable Resource Management: An Application to Multipurpose Dams" (Shah)   |
| Saripalle, Madhuri   | Ph.D. | "Learning, Capability, and Competition: Growth of the Indian Automobile Industry" (Langlois)   |
| Singerman, Ariel     | M.S.  | "New Product Introduction in the R-T-E Breakfast Cereal Industry" (Cotterill)  |
| Solis, Daniel        | Ph.D. | "Household Productivity and Investment in Soil Conservation: Evidence from Small-scale Hillside Farmers in Central America" (Bravo-Ureta)                  |
| <b>2004</b>          |       |  |
| Gonzalez, Maria      | Ph.D. | Market-Based Land Reform: Violence, Efficiency, and Redistribution in Colombia Lopez)  |
| Tchumtchoua, S.      | M.S.  | "Determinants of Nutritional Status in Cameroon: A Quantile Regression Analysis" (Larson)  |
| Makroyannis, C.      | M.S.  | "Water Views and House Pricing Strategies in Connecticut" (Larson)   |
| de Prada, Jorge      | Ph.D. | "Strategic Alternatives for Low Input Sustainable Agriculture and Wetlands Preservation: A Case Study from Argentina" (Shah)                               |
| Cocchi, Horacio      | Ph.D. | "Soil Conservation, Output Diversification and Farm Income: Evidence from Hillside Farmers in Central America" (Bravo-Ureta)                               |
| <b>2003</b>          |       |  |
| Kawashima, Shigekazu | Ph.D. | "Evaluation of Alternative Strategies for Managing Sedimentation in Dams" (Shah)   |
| Thiam, Abdourahmane. | Ph.D. | "Primal vs. Dual Efficiency: Economic Evidence from Senegal" (Bravo-Ureta)   |
| Diagne, Sophie       | M.S.  | "Determinants of Public Support for Farmland Preservation in Connecticut"  |

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|----------------------|-------|---|
|                      |       | (L.K. Lee)  |
| Bonanno, Alessandro  | M.S.  | "Retail Configuration and Milk Prices" (Lopez)  |
| Marunas, Todd J.     | M.S.  | "Determining the Cost Pass Through Rates of Cereal Manufacturers as a Result of the Vitamin Price Fixing Cartels" (Cotterill)     |
| <b>2002</b>          |       |   |
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