

COMMUNITY DEVELOPMENT AND APPLIED ECONOMICS

<https://www.uvm.edu/cals/cdae>

OVERVIEW

The Department of Community Development and Applied Economics (CDAE) supports sustainable local and international community development through interdisciplinary research, education, and outreach that serves the public interest. CDAE offers a Master of Science degree in Community Development and Applied Economics. Expertise among the CDAE faculty advisors includes economics (both ecological and neoclassical), rural sociology, food systems, applied econometrics, agricultural economics, policy and governance, consumer affairs, renewable energy, and community entrepreneurship. CDAE's research and outreach is both global (e.g. Agroecology, Farmer Livelihoods and Ecosystem Services in Brazil's Atlantic Forest) and local (e.g., dairy farming and farmers' markets in Vermont) and graduate students benefit from close affiliation with other research institutions at the University of Vermont and beyond.

DEGREES

Community Development and Applied Economics AMP
Community Development and Applied Economics M.S.
Community Resilience and Planning CGS

FACULTY

Aiyar, Anaka; Assistant Professor, Department of Community Development and Applied Economics; PhD, University of California-Riverside

Ament, Joseph; Assistant Professor, Department of Community Development and Applied Economics; PhD, University of Vermont

Baker, Daniel H.; Associate Professor Emeritus, Department of Community Development and Applied Economics; PHD, University of Vermont

Barsky, Christina Sara; Associate Professor, Department of Community Development and Applied Economics; PHD, Northern Arizona University

Conner, David S.; Professor, Department of Community Development and Applied Economics; PHD, Cornell University

Farley, Joshua C.; Professor, Department of Community Development and Applied Economics; PHD, Cornell University

Heiss, Sarah Noel; Associate Professor, Department of Community Development and Applied Economics; PHD, Ohio University

Koliba, Christopher J.; Professor Emeritus, Department of Community Development and Applied Economics; PHD, Syracuse University

Konefal, Jason; Professor, Department of Community Development and Applied Economics; PHD, Michigan State University

Mays, Kate; Assistant Professor, Department of Community Development and Applied Economics; PhD, Boston University

McMahon, Edward; Adjunct Associate Professor, Department of Community Development and Applied Economics; EDD, University of Vermont

McRae, Glenn; Adjunct Lecturer, Department of Community Development and Applied Economics; PHD, Union Institute and University

Reynolds, Travis; Associate Professor, Department of Community Development and Applied Economics, PHD, University of Washington

Shrum, Trisha R.; Assistant Professor; Department of Community Development and Applied Economics; PHD, Harvard University – John F. Kennedy School of Government

Tobin, Daniel; Associate Professor, Department of Community Development and Applied Economics; PHD, Pennsylvania State University

VanLeuven, Andrew; Assistant Professor, Department of Community Development and Applied Economics; PHD, Ohio State University

Wang, Qingbin; Professor, Department of Community Development and Applied Economics; PHD, Iowa State University

Zia, Asim; Professor, Department of Community Development and Applied Economics; PHD, Georgia Institute of Technology

Courses

CDAE 5990. Special Topics. 1-18 Credits.

See Schedule of Courses for specific titles.

CDAE 6210. Econ of Sustainable Food Syst. 3 Credits.

Utilizes common economic tools, ideas and applications to analyze issues concerning the sustainability of food using a combination of readings, lectures and discussions. Cross-listed with: FS 6210.

CDAE 6260. Community Economic Development. 3 Credits.

Examines how rural and urban communities address poverty, unemployment and other economic problems through job creation and retention, workforce training and support, and other development strategies. Cross-listed with: PA 6260.

CDAE 6350. Qualitative Research Methods. 3 Credits.

Provides an overview of qualitative research methods and an opportunity to apply such research methods for topics focusing on food systems and health. Cross-listed with: FS 6350.

CDAE 6391. Master's Thesis Research. 1-18 Credits.

Research for the Master's Thesis.

CDAE 6510. Research & Evaluation Methods. 0 or 3 Credits.

Conceptualization, collection and analysis of primary and secondary data; interpretation, and communication of results of applied research and/or evaluation studies for decision makers. Separate lab required. Prerequisite: Three hours of Statistics. Cross-listed with: PA 6030.

CDAE 6540. Advanced Microeconomics. 3 Credits.

Principles and applications of advanced microeconomics: consumer and market demand, firm and market supply, perfect and imperfect markets, partial and general equilibrium, and policy analysis.

CDAE 6590. Applied Econometrics. 3 Credits.

Presents common econometric methods to perform regression analysis on empirical data. Upon completion, students will understand and apply econometric methods to conduct rigorous regression analysis. Students will also better read, interpret and discern research papers' quality using econometric methods.

CDAE 6760. Inclusive Science Communication. 3 Credits.

Advanced exploration, application of science communication theories, contexts, practices with a focus on inclusion, equity, and intersectionality. Examine the relationship between science and society while learning communication skills that promote respect and shared understandings of science among researchers, extension professionals, journalists, public relations specialists, policy officials, and public.

CDAE 6890. Practicum in Extension Educ. 1-12 Credits.**CDAE 6920. Graduate Seminars. 1 Credit.**

Report and discuss research projects and findings of Graduate students and faculty, and offer workshops on selected topics in community development and applied economics. May enroll more than once for up to three credits.

CDAE 6990. Special Topics. 1-18 Credits.

Lectures or readings on contemporary issues in Community Development & Applied Economics.

CDAE 6991. Internship. 1-18 Credits.

On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record, for which academic credit is awarded. Offered at department discretion.

CDAE 6993. Independent Study. 1-18 Credits.

A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

CDAE 6995. Graduate Independent Research. 1-18 Credits.

Graduate student work on individual or small team research projects under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

CDAE 7000. Sustainable Dev PEG Doc Sem. 1 Credit.

Focus will rotate among three main themes: project resource development skills and techniques (e.g. grant writing and management); stakeholder engagement; and dissertation proposal preparation. Prerequisite: Sustainable Development Policy, Economics, & Governance Doctoral student.

CDAE 7491. Doctoral Dissertation Research. 1-18 Credits.

Research for the Doctoral Dissertation.

CDAE 7700. Political Econ of Sustain Dev. 3 Credits.

Introduction to the political economy of sustainable development from the theoretical perspective of complex adaptive socio-ecological systems. Political economy assesses relationships between the state, market, and civil society to understand how humans satisfy their material needs (human provisioning) through interaction with their social and natural environments.

CDAE 7710. Sustain Dev Policy & Gov. 3 Credits.

History, evolution and foundations of sustainable development policy at multiple levels of governance, ranging from the United Nations to local communities/cities. Learn about analyzing/evaluating wide range of sustainable development policies. Emphasis on understanding complex system dynamics modeling and adaptive management approaches to address sustainable development challenges.

CDAE 7990. Special Topics. 1-18 Credits.

See Schedule of Courses for specific titles.

CDAE 7991. Internship. 1-18 Credits.

On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record, for which academic credit is awarded. Offered at department discretion.

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