

## **Jonathan G. Malacarne**

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### **Education**

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- 2019 Ph.D. Agricultural and Resource Economics. University of California-Davis. Davis, CA.  
Committee: Stephen Boucher (Co-Chair), Michael R. Carter (Co-Chair) and Travis J. Lybbert.  
2015 M.S. Agricultural and Resource Economics. University of California-Davis. Davis, CA.  
2005 B.A. Economics with Distinction. University of Virginia. Charlottesville, VA.

### **Experience**

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#### ***Academic***

Assistant Professor, School of Economics, University of Maine, 2019-Present.  
Research Assistant, Ag and Resource Economics, University of California—Davis, 2012 – 2019.  
Teaching Assistant, Ag and Resource Economics, University of California—Davis, 2013 – 2015.  
Research Assistant, Grupo de Análisis para el Desarrollo (GRADE), 2013.

#### ***Non-Academic***

Small Business Development Specialist, The Peace Corps (Nicaragua). 2010 – 2012.

### **Research**

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#### ***Policy Briefs***

Annis, S., Calderwood, L., Phanning, P., Ishaq, S., **Malacarne, J.**, Zhang, Y. "2020 Wild Blueberry Research & Extension Reports"

Boucher, S., Carter, M., Lybbert, T., **Malacarne, J.**, Marenya, P., and Paul, L.. (2019). Innovations for Drought Resilience Two Ways in Mozambique and Tanzania. MRR Innovation Lab Evidence Insight. No. 2019-02. September 2019.

Boucher, S., Carter, M., Erenstein, O., Flatnes, J.E., Lybbert, T., **Malacarne, J.**, Marenya, P., and Paul, L.. (2019). Bundling Innovative Risk Management Technologies to Accelerate Agricultural Growth and Improve Nutrition. MRR Innovation Lab Project Report.

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***In Review***

Lilley, Jason, **Malacarne, J.G.**, and McBryde, Nancy. COVID-19 and the Maine Food System.

***In Preparation***

**Malacarne, J.G.** "The Farmer and The Fates: Locus of Control and Investment in a Stochastic Production Process."

Boucher, S., Carter, M., Lybbert, T., Flatnes, J.E., **Malacarne, J.G.**, Marenja, P., and Paul, L. "Can complementary risk management technologies crowd in investment? Experimental evidence on the impact of Drought Tolerant maize and index insurance on small-holder maize farmers in Mozambique and Tanzania".

Boucher, S., **Malacarne, J.G.**, & Carter, M. R. "Can Program Designers Use Sharp Targeting to Improve Efficiency Without Cutting Themselves (Or Anyone Else)?".

**Malacarne, J. G.** "Perceptions of Control as a Barrier to Investment in Resilience: Theory and Evidence from Drought-Tolerant Maize Adoption in Mozambique and Tanzania".

Miller, L and **Malacarne, J.G.** "Are Farmers Markets a Solution for Local Food Access or Simply a Strawman? Theory and Evidence from Maine"

**Malacarne, J.G.**, Paul, L., Flatnes, J.E., Boucher, S., Carter, M.. "Salient Risks and Contract Quality: Estimating Demand for Index Insurance in Mozambique and Tanzania"

Paul, L., **Malacarne, J.G.**, and Flatnes, J.E. "Accounting for Bias in Farmer Approximation of Plot Area and Production when Estimating Crop Yields in the Context of Rain-Fed Maize"

***Invited Presentations***

**11) Malacarne, J.G** "COVID-19 and the Maine Food System". Maine Ag Trade Show. January 2021.

**10) Malacarne, J.G.** "COVID-19 and the Maine Food System", School of Economics, University of Maine. December 2020.

**9) Malacarne, J.G.** "The Eruption of Mount Vesuvius through the lens of economics", Honors College, University of Maine. August, 2020.

**8) Malacarne, J.G.** Alternatives to Tariffs For Improving Wild Blueberry Prices. Maine Wild Blueberry Commission. June 2020.

**7) Malacarne, J.G.** Cost Considerations For Online Marketing. Maine DACF Webinar. April 2020.

- 6) **Malacarne, J.G.**. Economics of Hemp Production and Marketing. Brewer, ME. March 2020.
- 5) **Malacarne, J.G.**. The Farmer and The Fates: Locus of Control and Investment in a Stochastic Production Process. School of Economics. University Maine. March 2019.
- 4) **Malacarne, J.G.**. The Farmer and The Fates: Locus of Control and Investment in a Stochastic Production Process. Facultad de Economia. Universidad de Los Andes. January 2019.
- 3) **Malacarne, J.G.**. The Farmer and The Fates: Locus of Control and Investment in a Stochastic Production Process. Research and Evaluation Division. American Institutes for Research. January 2019.
- 2) **Malacarne, J.G.**. The Farmer and The Fates: Locus of Control and Investment in a Stochastic Production Process. Agricultural and Resource Economics Department. University of California—Davis. October 2018.
- 1) **Malacarne, J.G.**. Randomized Controlled Trials (RCTs) In Practice. Guest Lecture, Department of Sociology. Mount Holyoke College. December 2016.

### ***Conference Presentations***

- 11) **Malacarne, J.G.**, Paul, L., Flatnes, J.E., Boucher, S., Carter, M.. "Salient Risks and Contract Quality: Estimating Demand for Index Insurance in Mozambique and Tanzania". Poster. Agricultural & Applied Economics Association Annual Meeting, Virtual. 2020.
- 10) Miller, L and **Malacarne, J.G.** "Are Farmers Markets a Solution for Local Food Access or Simply a Strawman? Theory and Evidence from Maine". Northeast Agriculture and Resource Economics Association Annual Meeting, Virtual. 2020.
- 9) **Malacarne, J. G.**. "The Helpful and Harmful Potential of Behavioral Nudges". Northeast Agriculture and Resource Economics Association Annual Meeting, Virtual. 2020.
- 8) **Malacarne, J.G.**, Boucher, S., Carter, M.,& Paul, L.. Innovations in risk management for small-holder farmers: Experimental evidence from East and Southern Africa. Agricultural & Applied Economics Association Annual Meeting, Atlanta, GA. 2019.
- 7) **Malacarne, J.G.** Index-Based Agricultural Insurance in Mozambique: Recent Experience and Paving the Way Forward. AMA Innovation Lab Outreach Event. Maputo, Mozambique. 2018.

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6) **Malacarne, J.G.** The Farmer and The Fates: Perceptions of Self-efficacy, Learning and Investment in a Stochastic Production Process. Northeastern Agricultural and Resource Economics Assoc. Annual Meeting. Philadelphia, PA. 2018.

5) **Malacarne, J.G.** The Farmer and The Fates: Locus of Control and Investment in a Stochastic Production Process. Agricultural & Applied Economics Association Annual Meeting, Washington D.C. 2018.

4) **Malacarne, J.G.** Locus of Control and Investment Behavior Among Smallholding Maize Farmers: An Empirical Study from Mozambique and Tanzania. Pacific Conference for Economic Development (PacDev). Davis, CA. 2018.

3) **Malacarne, J.G.** Locus of Control and Economic Decision Making: Perceptions of Agency in a Stochastic Production Process. Giannini Foundation of Agricultural and Resource Economics Student Conference. Davis, CA. 2017.

2) **Malacarne, J.G.** Goalpost Effects: Understanding Impact Heterogeneity in Nicaragua's Rural Business Development Program. Pacific Conference for Economic Development (PacDev). Riverside, CA. 2017.

1) **Malacarne, J.G.** Heterogeneous Impacts in Nicaragua's Rural Business Development Program. Giannini Foundation of Agricultural and Resource Economics Student Conference. Davis, CA. 2016.

### **Funding**

External Awards Total (based on percent responsibility, as noted below): \$ 130,328.20

Internal Awards Total: \$3,000

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### **External Grants**

4) *Value-Added Grains for Local and Regional Food Systems (\$2,000,000)*

Investigators: Mark Sorrells (PD) and many investigators including **J.G. Malacarne** (5%) as co-project director

Sponsor: USDA - NIFA - Organic Research and Extension Initiatives

Project Dates: Sept 1, 2020 – Aug 31, 2023

3) *State of the Maine Wild Blueberry Industry Survey (\$23,487)*

Investigators: **J.G. Malacarne** (100%), Lily Calderwood, Phillip Fanning

Sponsor: Wild Blueberry Commission of Maine

Project Dates: March 1, 2020 – Dec 31, 2020

2) *Increasing Market Connectivity for Maine's Wild Blueberry Growers and Processors by Leveraging Information Technology (\$45,608)*

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Investigators: Eric Venturini (PD), Nancy England, **J.G. Malacarne** (15%), Renee Page, Lily Calderwood

Sponsor: Maine DACF Agricultural Development Grant

Project Dates: June 1, 2020 – Dec. 31, 2021

- 1) *Understanding Determinants of Participation in and Impact Heterogeneity of Nicaragua's Rural Business Development Program. Deep Dive Analysis of Public Release Data (\$37,000)*

Investigators: Michael Carter, Stephen Boucher, **J.G. Malacarne**

Sponsor: Millennium Challenge Corporation

Awarded: 2015

### **Internal Grants**

- 2) *Locus of Control Field Experiments in Central Mozambique (\$3,000)*

Investigators: J.G. Malacarne

Sponsor: Henry A. Jastro Research Award, University of California, Davis.

Awarded: 2017.

- 1) *Provost's Dissertation Year Fellowship in the Arts, Humanities and Social Sciences.*

Recipient: J.G. Malacarne

Sponsor: University of California, Davis.

Awarded: 2017

### **Selected Awards/Honors**

Scott McNiven Community Service Award. Department of Agriculture and Resource Economics, University of California, Davis. 2014.

### **Teaching**

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#### **Graduate**

Number of occurrences in parentheses.

- 1) Introduction to Econometrics (ECO 530), University of Maine, Orono ME (2).

#### **Comments:**

##### Fall 2020 (remote)

"All the material Prof. Malacarne taught us was valuable and applicable to real life. We learnt so many different econometric techniques, which I can use both for my future academic work and career. I appreciate learning how to use R for all the different techniques as this is a skill a lot of employers seek."

"Jonathon has been one of the best professors I have had in undergrad and graduate school. He is a very passionate and considerate professor. Everything in his class is fair and professional. He wants his students to do well but also learn the material and he is

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always looking for ways to improve his course. He also has given every student econometrics advice outside of the bounds of this class which was extremely useful. Overall a great professor.”

“Prof. Malacarne is one of the best economics instructors. He not only cares about the quality of students’ learning but also about students’ well-being. Each class he shared a survey to check how students are doing in life and encouraged us to come see him during office hours if we are facing any personal/academic difficulties. He was flexible and understanding as we were all navigating through virtual learning during these unprecedented times. I have never had such a caring instructor who provides us with many opportunities to grow.”

#### Fall 2019

“It was evident that Jonathan cared deeply for the quality of his teaching and the learning of his students. He frequently brought in outside sources to show real-life applications of topics covered in class. I would recommend his course to others or take another course taught by him.”

“Jonathan is the best economics instructor I have had at the University of Maine. His teaching style is very thoughtful and clear, and he is a very accessible and caring instructor. He pays attention to his students and their needs and interests. His method of teaching, which combines clear and concise explanations of theory with interesting examples of research and applications, made the class both useful and engaging for me. His perspectives on economics and social issues are a breath of fresh air, and he does an excellent job of discussing issues of gender equity, racial diversity, and class divides that are especially important to our work in economics, which many other professors are unwilling or unable to acknowledge. I absolutely loved this class and loved having him as a professor.”

“I can't stress enough what a great classroom environment Jonathan makes. You can feel that he genuinely respects us and wants us to learn. He definitely pushes you and you have to work hard but he's always available to help.”

#### ***Undergraduate***

Number of occurrences in parentheses.

- 1) Mathematical Economics (ECO 480), University of Maine, Orono ME (1).

#### **Comments:**

#### Spring 2020

“I appreciated the content in the course. It felt like an actual application of all of the economics I've learned and deepened my understanding of why things happen.”

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“I appreciated how open the professor was to help students and how he went above and beyond to make sure the student understood the material presented.”

“With Corona transition, I think it was handled in the best possible way.”

- 2) Game Theory (ECO 363), University of Maine, Orono ME (Spring 2021).

## **Advising/Mentoring**

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### ***Graduate***

Advising/mentoring at University of Maine, Orono ME unless otherwise indicated.

- 6) Shelby Francis, M.S. Economics, 2020—Present (Chair)
- 5) Antonio Jurlina, M.S. Economics, 2020 – Present (Committee).
- 4) Nicholas Alvarez, M.S. Economics, 2020 – Present (Committee).
- 3) Will Crisler, M.S. Economics, 2020 – Present (Committee).
- 2) Sujan Chakraborty, M.A. Economics, 2019-2020 (Committee).
- 1) Lauren R. Miller, M.S. Economics, 2019 - Present (Chair).

### ***Undergraduate***

Advising/mentoring at University of Maine, Orono ME.

<u>Semester</u>	<u># New Advisees</u>
Spring 2020	4
Fall 2020	4
Spring 2021	1

## **Service**

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### ***Contributions to University***

School of Economics, Graduate Committee, 2019-Present.

UMaine Student Symposium – Judge, Fall 2020.

Honors College, HON 111 Vesuvius Panelist, Fall 2020

### ***Contributions to Profession***

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Referee: American Journal of Agricultural Economics, Revista Desarrollo y Sociedad, Journal of Economic Behavior and Organization, European Review of Agricultural Economics, Geneva Papers on Risk and Insurance

Committee Member: Northeast Agriculture and Resource Economics Association Master's Thesis Award Committee. (2020-2021).

Reviewer.

- Agricultural and Applied Economics Association annual meeting submissions. (2021).
- USDA AFRI Rapid Response to Novel Coronavirus Impacts Across Food and Agricultural Systems. (2020).

Moderator. Ag Finance and Farm Management - Issues in Farmland Valuation and Cash Rents. Agricultural and Applied Economics Association Annual Meetings. Atlanta, GA. 2019.

### ***Contributions to Maine and the Community***

#### 2020

- Reviewer for Maine Organic Farmers and Gardeners Association (MOFGA) Technical Assistance Grant
- Participant in Forager's COVID19 roundtables regarding the response of the Maine Food system to the COVID19 pandemic.
- Provided technical support for Maine farmers setting up online marketplaces in response to COVID19.
- Survey design for UMaine Cooperative Extensions feedback surveys regarding farmer support Zoom meetings and Maine Farmer newsletter.

### ***Professional Memberships***

American Economics Association, 2013-Present.

Agricultural and Applied Economics Association, 2013 – Present

Feed the Future Innovation Lab for Market Risk and Resilience, 2016—Present

Northeast Agricultural and Resource Economics Association, 2018 – Present

Farm and Ranch Stress Assistance Network – Northeast, 2020 – Present



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## **Professional Development**

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NARES Scholars Circle. Participate in monthly meetings with a small circle of economics scholars around the Northeast to provide/receive peer mentorship, build collaborative networks, and improve research quality. September 2020 – ongoing.

Brightspace Workshop (12 parts). Center for Innovation in Teaching and Learning. University of Maine. Orono, ME. July 2020.

Online Teaching Community of Practice (6 weeks). Center for Innovation in Teaching and Learning. University of Maine. Orono, ME. June 11 – July 16, 2020.

Grants 101: Seeking, Analyzing, and Writing Basics. Folger Library and Office of Research Development. University of Maine. Orono, ME. 2019.

Advising Conference. College of Liberal Arts and Sciences. University of Maine. 2019.

Foundations in Teaching Certificate. Center for Educational Effectiveness. University of California, Davis. 2017.

Grant Writing by Early Career Professionals Workshop. Agricultural and Applied Economics Association. Chicago, IL. 2017.

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