

Joshua H. Hess

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EDUCATION

Colorado State University, Fort Collins, CO

- **Ph.D., Economics** expected May 2017

Fields: Environmental Economics, Public Economics

Dissertation: *A numerical approach to option values with application to fracking policy*

Committee: Terrence Iverson (chair), Stephen Weiler, Dale Manning, Harvey Cutler

- M.A., Economics 2012

University of Arkansas, Fayetteville, AR

- **M.S., Physics** 2007

Field: Astrophysics

Thesis: *The limb-darkening coefficient of extrasolar planet TrES-1*

- B.S., Physics, B.S., Mathematics 2005

Mathematics concentration: Pure

TEACHING INTERESTS

Environmental and resource economics; Quantitative methods;

Public Economics; Experimental Economics

Financial Risk Management; Enterprise Valuation

TEACHING EXPERIENCE

Colorado State University, Fort Collins, CO

2010 - present

- **Resident Instructor**

– Principles of Microeconomics (FA16)

– Intermediate Microeconomics (SP16)

– Intermediate Macroeconomics (FA14, SP15, FA15)

- **Online Instructor**

– Intermediate Macroeconomics (SP15, FA15, SU16)

– Intermediate Microeconomics (SP16)

– Issues in Environmental Economics (SUM 14, FA14)

- Assistant Resident Instructor

– Quantitative Methods for Economists (graduate level) (FA16)

- Grader

– Macroeconomic Analysis I (graduate level)

– Macroeconomic Analysis II (graduate level)

- Graduate Teaching Assistant

– Principles of Microeconomics (4 semesters)

– Principles of Macroeconomics (2 semesters)

Front Range Community College, Fort Collins, CO

2008-2014

- **Professor**

– Introduction to Astronomy I

- Adjunct Instructor

– Introduction to Astronomy I, Introduction to Astronomy II

– Pre-Algebra, College Algebra, Trigonometry,

PAPERS

Option Value, Learning, and Local Opposition to Hydraulic Fracturing [job market paper]

The Impact of Alcohol on Risk and Time Preferences – an Experimental Approach [in progress]

AWARDS AND HONONORS

<i>Outstanding Graduate Research Award (Dept. of Economics)</i>	2016
<i>Chapman Graduate Workshop in Experimental Economics</i>	2015
<i>Departmental Research Assistantship Award</i>	2014
<i>Front Range Community College Master Teacher Nominee</i>	2011

PRESENTATIONS

Option Value, Learning, and Local Opposition to Hydraulic Fracturing
Association of Environmental and Resource Economists Fifth Annual Summer Conference
Breckenridge CO 2016

Frack or Ban
Graduate Student Showcase (poster)
Colorado State University, Fort Collins, CO 2016

Learning, Uncertainty, and Local Opposition to Hydraulic Fracturing
Western States Graduate Workshop
Colorado State University, Fort Collins, CO 2015

The Impact of Alcohol on Risk and Time Preferences - an Experimental Approach
Western States Graduate Workshop
University of Utah, Salt Lake City, UT 2014

REFERENCES

Research
Terrence Iverson
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970-491-6079
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Research
Stephan Weiler
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Colorado State University
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Research
Dale Manning
Department of Agricultural
and Resource Economics
Colorado State University
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Teaching
Mike Smith
Natural Sciences Department
Front Range Community College
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