

# Patrick M Bigger

Department of Geography • 1457 Patterson Office Tower • Lexington, KY 40506 • patrick.bigger@uky.edu • office: (859)257-7237

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## PRIMARY AREAS OF INTEREST

Political economy/ecology, carbon trading, finance geography, innovation in pedagogy

## EDUCATION

PHD STUDENT 2006-

DEPARTMENT OF GEOGRAPHY

*University of Kentucky*

DISSERTATION TITLE: "ENVIRONMENTAL GOVERNANCE IN THE CARBON ECONOMY: THE GEOGRAPHY OF FINANCIALIZED CARBON TRADING IN CALIFORNIA'S CAP-AND-TRADE MARKET"

ADVISORS: MORGAN ROBERTSON AND SUSAN ROBERTS

COMITTEE: ANDREW WOOD AND LEE MEYER (AGRICULTURAL ECONOMICS)

GRADUATE CERTIFICATE 2007-2011

SOCIAL THEORY

*LEXINGTON, KY*

*University of Kentucky*

*College of Arts and Sciences*

MA IN GEOGRAPHY

*UNIVERSITY OF KENTUCKY*

2006-2009

THESIS: "FINDING NEOLIBERALISM IN LONDON, KENTUCKY"

*LEXINGTON, KY*

ADVISOR: TAD MUTERSBAUGH

BA IN GEOGRAPHY

2002-2005

*UNIVERSITY OF ARIZONA*

*TUCSON, AZ*

MINOR: INTERDISCIPLINARY

ADVISOR: SALLIE MARSTON

## TEACHING EXPERIENCE

### Full Course Responsibility

#### **University of Kentucky**

Spring 2011 GEO320 Geography of United States and Canada. 34 students

Spring 2010 GEO160 Lands and Peoples of the Non-Western World. 76 students

Fall 2009 GEO160 Lands and Peoples of the Non-Western World. 78 students

### **Eastern Kentucky University**

(In development) Summer 2012. Human Geography and Policing. Online Course.

Spring 2012 Instructor CRJ101 Introduction to Criminology. Online Course

Summer I 2011 Instructor CRJ423b Crime, Justice, and Global Inequality . Online Course. 9 students

Summer II 2011 Instructor CRJ423b Crime, Justice, and Global Inequality . Online Course. 14 students

Summer I 2010 Instructor CRJ423b Crime, Justice, and Global Inequality . Online Course. (Developed new course). 9 students

Summer II 2010 Instructor CRJ423b Crime, Justice, and Global Inequality. Online Course. 15 students

### Teaching Assistant

#### **University of Kentucky**

Fall 2010 Teaching Assistant A&S100 Global Inequality. Course Instructor: Dr. Susan Roberts (Developed new course). Responsible for three discussion sections. 61 students

Spring 2008 Teaching Assistant GEO160 Lands and Peoples of the Non-Western World, GEO285 Intro to Planning, and GEO485G Urban Planning and Sustainability. Course Instructor: Ms. Lynn Phillips. 180 students

Fall 2007 Teaching Assistant three sections GEO172 Human Geography. Course Instructors: Dr. Morgan Robertson and Dr. Michael Crutcher. 225 students

Spring 2007 Teaching Assistant two sections GEO160 Lands and Peoples of the Non-Western World, GEO222 Cities of the World. Instructor: Ms. Lynn Phillips. 180 students

Fall 2006 Teaching Assistant GEO160 Lands and Peoples of the Non-Western World. Instructor: Dr. Susan Roberts. 150 students

### Courses Developed

Sustainability in Transportation Systems. Designed for University of Kentucky Department of Engineering Graduate Certificate in Transportation Systems. Oversaw course development and implementation.

## RESEARCH, PRESENTATIONS, AND CONFERENCE ACTIVITIES

### Refereed Publications and Works in Progress

Bigger P. To its Logical Extreme: Carbon Trading as Financialized Nature. In preparation for *Capital, Nature, Socialism*.

Bigger P and A Kappeler. The Origins of Capitalist Accumulation: Critique of Neo-Ricardian Marxism. In preparation for *New Left Review*.

Kappeler A and P Bigger 2011. Capital, Nature, Neighborhoods: Dispossession without Accumulation? *Antipode*. (Accepted and awaiting publication)

### Non-Refereed Publications

Peet R, M Watts, and P Robbins 2011. Global Political Ecology. New York: Rutledge. Introduction to the review forum: *Global Natures: From utter failures to the possible* (with B Grabbatin). Reviewed in *Area*. (Accepted and awaiting publication).

Peet R, M Watts, and P Robbins 2011. Global Political Ecology. New York: Rutledge. Contribution to review forum: *Going global in global political ecology*. Reviewed in *Area*. (Accepted and awaiting publication).

*All Watched Over by Machines of Loving Grace*. Dir Adam Curtis. British Broadcasting Corporation 2011. Television. Reviewed (with J Rossi) as *Exposing the Fantasy of Autopoietic Stability*. Submitted to *Human Geography*..

### Technical Research Reports and White Papers

Bigger P 2011. Assessment of Regional and Global Waterways Infrastructure Upgrades: Associated Impacts on Kentucky. Kentucky Transportation Center Research Report.

Kreis D, D Hartman, C Knowles, and P Bigger 2011. Inland Waterways Shipment Management System. White Paper prepared for US Department of Transportation, Maritime Administration.

### Invited Presentations

May 2011. *Political Ecology: Dynamic Natures in a Global Economy*. University of Kentucky Department of Agricultural Economics Seminar Series.

April, 2009. *Finding Neoliberalism in London, Kentucky*. University of Kentucky Geographical Society.

### Conferences Organized

Dimensions of Political Ecology: Conference on Nature-Society. Lexington KY. February 2011. Responsibilities include CFP author, identifying and locating funding, inviting and coordinating key note speaker and invited panelists. 125 participants

### Conference Sessions Organized

Risky Endeavors: Emerging approaches to the creation of risk and responses to the uncertain. AAG Annual Meeting. New York, NY. February 2012.

Critical Natures- Governing Resources. Critical Geography Mini-Conference. Milwaukee, WI. October 2010. (With Grabbatin B and J Rossi). Chaired session

Critical Natures- Environmental Conflict. Critical Geography Mini-Conference. Milwaukee, WI. October 2010. (With Grabbatin B and J Rossi)

Critical Natures- Producing Ecological Knowledge and Practices. Critical Geography Mini-Conference. Milwaukee, WI. October 2010. (With Grabbatin B and J Rossi)

### Conference Presentations

February 2011. Discussant for *Scale* session at Dimensions of Political Ecology: Conference on Nature Society. Lexington, KY

October 2010. (Un)Natural Bubbles: Propping Up Capital through Financialization of Social-Natures. Critical Geography Mini-Conference, Milwaukee, WI

October 2008 (With Kappeler A). "Accumulation without Dispossession, or Dispossession without Accumulation? An inquiry on Credit, Crisis, and Capital." Critical Geography Mini-Conference, Athens OH

October, 2007. "Dense Assemblages and Anti-Racism in Ireland." Critical Geography Mini-Conference, Lexington, KY

May 2007. "Welcome to Miami": State Violence, Embedded Media and a Return to Materiality at the 2003 FTAA Summit. At CASCA/AES, Toronto, ON, Canada

## CONFERENCES ATTENDED

Dimensions of Political Ecology: Conference on Nature-Society. Lexington, KY February 2011

Critical Geography Mini-Conference. Milwaukee, WI. October 2010

Critical Geography Mini-Conference. Athens, OH. October 2008

Crime and Justice in a World without Borders Symposium. Richmond, KY. April 2008 Invited attendee.

Critical Geography Mini-Conference. Lexington, KY. October 2007

American Ethnographic Society/ Canadian Anthropological Society Meeting. Toronto, ON, Canada. May 2007

Association of American Geographers National Conference. San Francisco, CA. April 2007

Association of American Geographers National Conference. Denver, CO. April 2005

## PROFESSIONAL SERVICE

Chair, University of Kentucky Geography Graduate Student Union. 2009-2010

Co-Chair and Co-Founder, University of Kentucky Political Ecology Working Group 2009-2011

Author, graduate student contribution to University of Kentucky Geography Department Self-Study (With M Snider) October 2009

Representative to Graduate Student Congress , University of Kentucky Geography Department (2006-2007)

## AWARDS, GRANTS, AND HONORS

Outstanding Teacher in Social and Behavioral Sciences. Awarded by University of Kentucky College of Arts and Sciences. April 2011. \$500

Outstanding Geography Teacher Award. Awarded by University of Kentucky Geographical Society. April 2010

Graduate Assistantship, University of Kentucky Department of Geography, 2006-2008, 2009-2011

Personal Service Contract #10037. Eastern Kentucky University. "Finding Expressions of the Current Economy in an Economic Corridor of Central Kentucky." January 2009, \$9810

Personal Service Contract #10034. Eastern Kentucky University "Exploring the Criminological and Socio-Spatial Effects of the Current Housing Crisis in Central Kentucky." August 2008, \$2500

Visiting Student Grant, Eastern Kentucky University Department of Criminal Justice. January 2007, ~\$1110

Barnhart Travel Fund. University of Kentucky Department of Geography. Travel to Canadian Anthropological Society Meeting, May, 2007, \$750

Graduate School Student Support. University of Kentucky .Travel to Belfast, Northern Ireland. June, 2007, \$800

### Honorary Titles

Visiting Research Associate. Queens University, Belfast, Northern Ireland. Department of Geography. June 2007

### Memberships

American Ethnological Society

Association of American Geographers  
 -Graduate Student Affinity Group  
 - Socialist and Critical Specialty Group

University of Kentucky Political Ecology Working Group

## PROFESSIONAL WORK EXPERIENCE

RESEARCH ASSISTANT  
 KENTUCKY TRANSPORTATION CENTER  
 UNIVERSITY OF KENTUCKY

May 2011- Present

Primary job responsibilities include conducting research and analysis in Intermodal Transportation Systems with a focus on inland waterways. My current position requires developing research strategies and data collection, providing leadership to team of research assistants, meeting with government officials throughout the research process, and producing research publications to assist in the policy decision-making process. Other responsibilities include working with private-sector partners, managing contracts and deliverables from other universities, and organizing on-site and off-site meetings.