

Chris Van Dyke

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Department of Geography – University of Kentucky
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Current Positions: Ph.D. Candidate, Department of Geography, University of Kentucky
Research Associate, Kentucky Transportation Center

Research Interests: Fluvial Geomorphology, Biogeomorphology, Landscape Ecology, Critical Physical Geography, Stream Channel Evolution, Environmental History

EDUCATION

Ph.D., Geography, University of Kentucky, 2009-Present

Advisor: Dr. Jonathan Phillips

Dissertation Project: *Changing States: Using State-and-Transition Models to Evaluate Channel Evolution Following Dam Removal Along the Clark Fork River, Montana*

Graduate Certificate, Applied Statistics, University of Kentucky, 2011

M.A., Geography, University of South Carolina, 2009

Advisor: Dr. Amy Mills

Thesis Project: *"How Far to the Nearest Arsonist?" Representing a National Landscape in Great Smoky Mountains National Park*

B.A., English and American Literature (Minor: Geography), University of South Florida, 2006

Advisor: Dr. Julie Armstrong

Honors Thesis Project: *Crowd Control: The Idea of Freedom in Thomas Pynchon's Gravity's Rainbow*

PUBLICATIONS

Van Dyke, C. 2009. Losing My Dasein in the Penny Slots: An Impressionistic Deconstruction of Las Vegas. *Human Geography* 2, 96-100.

Van Dyke, C. 2013. Plastic Eternities and the Mosaic of Landscape. Accepted and forthcoming in *Environment and Planning D: Society and Space*.

Submitted Publications

Smith, M., Stallins, J.A., Maxwell, J.T., Van Dyke, C. 2012. The Complex Nature of Hydrological Shifts and Tree Growth Responses to River Modification Along the Apalachicola River, Florida. Submitted to *Physical Geography* 8/2012.

Lave, R, Wilson, M., Barron, E., Biermann, C., Carey, M., Duvall, C., Johnson, L., Lane, K., McClintock, N., Munroe, D., Pain, R., Proctor, J., Rhoads, B., Robertson, M., Rossi, J., Sayre, N., Simon, G., Tadaki, M., Van Dyke, C. 2012. Critical Physical Geography. Submitted to *The Canadian Geographer* 8/2012.

Manuscripts in Preparation

Van Dyke, C. Channels in the Making: Rethinking Approaches to Modeling Channel Evolution. In preparation for *Geomorphology* (Expected Submission: 10/2012).

Van Dyke, C. Kreis, D., McCormack, S. A Methodology for the Dynamic Risk Profiling of Hazardous Materials Shipments. In preparation for *Journal of Transportation Safety & Security* (Expected Submission: 11/2012).

TEACHING EXPERIENCE

Primary Instructor

Responsibilities included: syllabus development; preparing and conducting all lectures; creating exams, quizzes, and projects; and performing all grading

Geography 130: Earth's Physical Environment, University of Kentucky, Fall 2011

Lab Instructor

Responsibilities included: conducting short lectures to reinforce material from lecture section and to introduce weekly activities; preparing weekly quizzes, activities, and midterm/final exams

Geography 202: Weather and Climate, University of South Carolina, Fall 2009

Teaching Assistant and Discussion Section Leader

Responsibilities included: holding weekly discussion sections (University of Kentucky), grading and proctoring exams/assignments, and assisting primary instructor with exam preparation

Geography 135: Global Climate Change, University of Kentucky, Spring 2012

Geography 160: Lands and People of the Non-Western World, University of Kentucky, Fall 2010

Geography 255: Geography of the Global Economy, University of Kentucky, Spring 2012

Geography 103: Introduction to Geography, University of South Carolina, Fall 2007 and Spring 2009

Geography 210: Peoples, Places and Environments, University of South Carolina, Fall 2008 and Spring 2009

Geography 333: Geography of Popular Music, University of South Carolina, Spring 2008 and Spring 2009

RESEARCH AND PROFESSIONAL EXPERIENCE

Research Associate, Kentucky Transportation Center, 2012-present

Primary focus is on infrastructure projects that relate to issues of environmental management, sustainability, and natural hazard mitigation. Main responsibilities include conducting literature reviews and syntheses, data collection, and drafting technical research reports that translate research findings into advice that assists in policymaking occurring at multiple levels of government.

Field and Research Assistant, Department of Geography, University of Kentucky, 2011

Assisted Dr. Jonathan Phillips on geomorphology projects based in Texas and Arkansas. Primary responsibilities included geomorphic and hydrological data collection, performing extensive literature reviews, and participation in the review and testing of fluvial geomorphic models.

TECHNICAL RESEARCH REPORTS

McCormack, S., Van Dyke, C., Souza, A., Kreis, D. 2012, Temporary Flood Barriers. Kentucky Transportation Center Research Report, KYSPR 12-448.

McCormack, S., Van Dyke, C., Deaner, H., Blackden C., Kreis, D., 2012. Jurisdictional Roadside Ditch Replacement. Kentucky Transportation Center Research Report, KYSPR 13-458, *Work in Progress*.

McCormack, S., Howell, B., Sturgill, R., Van Dyke, C., Blackden, C., Kreis, D. 2012. Green Initiatives. Kentucky Transportation Research Report, KYPSR 12-447. *Work in Progress*.

AWARDS AND FELLOWSHIPS

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| 2009-2012 | Daniel R. Reedy Quality Achievement Award, Graduate School, University of Kentucky (\$9000) |
| 2009-2010 | Kentucky Opportunity Fellowship, Graduate School, University of Kentucky (\$15000) |
| 2010-2012 | Travel Award, Graduate School, University of Kentucky (\$400 per annum) |
| 2002-2006 | University of South Florida Presidential Scholars Award, University of South Florida (\$12000) |
| 2002-2006 | University of South Florida Honors College Scholarship, University of South Florida (\$4000) |

PROFESSIONAL PRESENTATIONS

Van Dyke, C. Changing States: Applying State-and-Transition Models to Understand Channel Evolution. Paper to be Presented at the Southeast Division of American Geographers 67th Annual Meeting, Asheville, NC, November 2012.

Van Dyke, C. Radicle Pebble Counting: A Place for Critical Physical Geography. Association of American Geographers, 108th Annual Meeting, New York, NY, 27 February 2012.

Van Dyke, C. Panelist. Critical Physical Geography. Association of American Geographers, 108th Annual Meeting, New York, NY, 26 February 2012.

Van Dyke, C. A Moveable Democracy? Rethinking Bruno Latour's The Politics of Nature. Association of American Geographers, 107th Annual Meeting, Seattle, WA, 15 April 2012.

Van Dyke, C. An Ecological Democracy Without Nature? University of Kentucky Dimensions of Political Ecology Conference, Lexington, KY, 19 February 2011.

Van Dyke, C. The Exhaustion of Landscape Studies? Association of American Geographers, 106th Annual Meeting, Washington, D.C., 17 April 2010.

Van Dyke, C. How Far to the Nearest Arsonist? Protecting the State Through Culture in Great Smoky Mountains National Park. Southeastern Division of the Association of American Geographers, 64th Annual Meeting, Knoxville, TN, 23 November 2009.

Van Dyke, C. "How Far to the Nearest Arsonist? Frontier Nationalism and the Construction of Great Smoky Mountains National Park," PLACE Group, University of South Carolina, 9 April 2009.

Van Dyke, C. Irony and the Politics of Scale. Association of American Geographers, 105th Annual Meeting, Las Vegas, NV, 26 March 2009.

PROFESSIONAL SERVICE

Graduate Student Representative, Library Acquisitions Committee, Department of Geography, University of Kentucky, 2011-2012

Vice President/Facilitator, Geography Graduate Student Union, University of Kentucky, 2010-2011

Graduate Student Representative, Biogeomorphology and Microclimatology Hiring Committees, Department of Geography, University of Kentucky, 2010-2011

PROFESSIONAL MEMBERSHIPS

Association of American Geographers
Southeastern Division of the Association of American Geographers