Jonathan Hayes Carr Kelman

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**EDUCATION**

University of California, Irvine: PhD in Political Science, March 2013

 MA in Political Science, June 2009

University of North Carolina, Asheville: BA in Interdisciplinary Studies; “Nuclear

 Studies,” May 2004

 Magna Cum Laude

 History Minor

**TEACHING PUBLICATIONS**

Jonathan H.C. Kelman. “Fossil Fuel Subsidies and Their Unintended Consequences.”

*Pathways to Research: Sustainability*. Ipswich, MA: EBSCO, 2022.

Jonathan H.C. Kelman. *Basic Energy Science: A Citizen’s Guide to Energy Choices*.

Dubuque, IA: Great River Learning, 2022.

Jonathan H.C. Kelman. “Oil.” Ed. Robert Duffy. *Environmental Issues Today: Choices*

*and Challenges, VOL 1.* ABC CLIO, 2020.

Jonathan H.C. Kelman “Nuclear Energy”. Ed. Robert Duffy. *Environmental Issues*

*Today: Choices and Challenges, VOL 2*. ABC CLIO, 2020.

**PEER-REVIEWED PUBLICATIONS**

Jonathan H.C. Kelman. “Why Climate Change and State Subsidies Will Collide to

Create Fishery Conflict.” *Journal of Strategic Security*. Vol. 13, No. 4 (2020).

Jonathan H.C. Kelman. “States Can Play Too: Constructing a Typology of State

Participation in Illicit Flows.” *Crime, Law & Society.* Vol. 63, No. 6 (2015).

Jonathan H.C. Kelman. "Sourcing the Mail Order Bomb: The Evolution of the A.Q.

Khan Network and Its Implications." *Comparative Strategy*. Vol. 34, No. 1 (2015).

Jonathan H.C. Kelman, E. Benjamin Edwards, Rachel P. Larson, Bridget Herring and R.

Christopher Mathis. "The Price of Business-as-Usual: Two Energy Futures for the Carolinas." *2012 ACEEE Summer Study on Energy Efficiency in Buildings*. Washington D.C.: American Council for an Energy Efficient Economy, 2012.

Jonathan H.C. Kelman. “The State as Victim and Beneficiary of Illicit Flows.” *World*

*Politics Review*, Sept. 15, 2009. http://www.worldpoliticsreview.com/article.aspx?id=4313

**COMMISSIONED PAPERS AND TECHNICAL REPORTS**

"South Carolina Energy Outlook," July 24, 2011. Report prepared for SC State Energy

Office by Mathis Consulting Company.

"Projected Utility Capital Costs for North Carolina," July 10, 2011. Report prepared for

NC State Energy Office by Mathis Consulting Company.

"Electricity, Efficiency and Buildings: Critical Linkages in Planning North Carolina's

Energy Future," July 10, 2011. Report prepared for NC State Energy Office by Mathis Consulting Company.

**CONFERENCE PRESENTATIONS**

International Studies Association, San Francisco, CA, April 6, 2013.

 "You Can't Buy Love, but You Can Buy the Bomb: Nuclear Diffusion in the Age

of Export Controls."

International Studies Association-South, Elon, NC October 14, 2011.

 "The Mail Order Bomb over Time: The Evolution of the AQ Khan Network."

International Studies Association, Montreal, Quebec, March 18, 2011.

 “Globalization and Illicit Flows of Nuclear Technology: The Evolution of the

A.Q. Khan Network.”

International Studies Association, New Orleans, Louisiana, February 2010.

 “Illicit Flows: Enemy of the State? A Review of Literature.”

International Studies Association-West, San Francisco, California, September 2008.

“Globalized Insurgent Networks and Counterinsurgency: Sri Lanka and the LTTE.”

International Studies Association, San Francisco, California, March 2008.

“Illegal Flows, State Power and the Pakistani Nuclear Weapons Program: A Different Kind of Power Shift.”

International Studies Association-West, Las Vegas, Nevada, September 2006.

“The Evolution of State Nuclear Weapons Programs: The Trend toward

Off-the-Shelf Proliferation.”

**WORK EXPERIENCE**

Instructor at Arizona State University, 8/13-present

**Responsibilities:** Produce lectures (online and in person), lead

discussion,generate tests, grading of exams and numerous papers.

**Contact:** Christopher Boone, Dean, School of Sustainability (480) 965-2236

Faculty Research Associate at Arizona State University, 5/13 - 7/13

**Responsibilities:** Design of two new courses for the School of Sustainability's

Energy Certificate program, tailored to fit between existing courses.

**Contact:** Christopher Boone, Dean, School of Sustainability (480) 965-2236

Associate at Mathis Consulting Company, 4/10 - present.

***Responsibilities****:* Researching the comparative cost of power plant construction,

Researching comparative state energy efficiency spending, developing presentations,

writing reports for state energy commissions of NC and SC, writing grant proposals

***Contact:*** Chris Mathis, President (828) 273-0696

Graduate Teaching Assistant at UC Irvine, 10/04 - 12/09.

***Responsibilities:*** Leading 3 to 4 discussion sections per week, administering exams, grading exams and papers.

***Contact:*** John Sommerhauser, Graduate Director (949) 824-4074

**TEACHING EXPERIENCE**

Instructor, Fall 2013-present, ASU: Energy Policy, Basic Energy Science, Energy

Materials and Technology.

Instructor, June-July 2009, UC Irvine: Global Issues and Institutions.

Graduate Teaching Assistant, October 2004-December 2009, UC Irvine: Global Issues and Institutions, Latin American Revolutions, The Cuban Revolution, US-Latin American Relations, Intelligence and US Foreign Policy, Honors Special Topics

**ADDITIONAL PROFESSIONAL DEVELOPMENT**

Blackboard Bootcamp for Teaching Online through ASU Online, October 2014.

Department of Energy “Teaching Energy” webinar series, participant, June 2014-present.

IGCC Public Policy and Nuclear Threats (PPNT) Course at University of California, San Diego, July-August, 2007.

Teaching Nonproliferation Summer Institute at UNC-Asheville, Administrative Assistant, July 2004.

Youth Conference on African Development in South Africa/Zimbabwe, American Friends Service Committee, Participant, July 2003.