

# KEVIN T. BAKER

Department of History  
1881 Sheridan Road  
Evanston, IL 60208-2220

@kevinbaker   
kevintbaker.com   
ktb@u.northwestern.edu 

## EDUCATION

**Northwestern University**, Evanston, Illinois

*Ph.D.*, History (in progress)

2011–

- Dissertation: “World Processors: Computer Modeling, Global Environmentalism, and the Birth of Sustainable Development”
- Committee: Ken Alder (Chair), Daniel Immerwahr, Helen Tilley, Bruce Carruthers
- Fields: Modern European History; Science, Technology, and Medicine in World History; the Global Cold War and Decolonization

**Georgia State University**, Atlanta, Georgia

*M.A.*, History

2008–2011

- Thesis: “Red Helmsman: Cybernetics, Economics, and Philosophy in the German Democratic Republic”
- Advisor: Jared Poley

*B.A.*, History & Political Science

2003–2007

## PUBLICATIONS

*Book Chapters*

- “Virtually Nigeria: USAID, Simulated Futures, and the Politics of Postcolonial Expertise, 1964-1980” in *The Struggle for the Long-term in Science and Politics: Forging the Future* edited by Jenny Andersson and Egle Rindzeviciute (2015)

*Book Reviews*

- Review of Matthew H. Wisnioski, *Engineers for Change: Competing Visions of Technology in 1960s America* in *The Sixties*, 6:2, (Feb 2014) p.229-231

## CONFERENCE

### PARTICIPATION

*On Global Simulation Modeling:*

- “Life after Limits: the First Decade of Global Modeling” paper presented at the seminar “Prediction” at FUTUREPOL, Sciences Po (Paris) APR. 2016.
- “Gaming the System: Computer Policy Simulation at the Practitioner-Expert Interface, 1965-1980” in the session “The Other Experts in Policymaking: Beyond Science and Publics,” at the 40th Annual Meeting of the Society for the Social Study of Science (Denver, CO) Nov. 2015.

*On Simulation and Nigerian Development:*

- “Programming Modernity: Computer Simulation, Modernization Theory and the Creation of a Virtual Nigeria” in the session “Statistics, Technology, and Politics” at the 38th Annual Meeting of the Social Science History Association (Chicago, IL). Nov. 2013.
- “Virtually Modern: Simulating Nigeria’s Path to Capitalist Modernity” at the 10th Annual Loyola University Chicago History Graduate Student Conference. (Chicago, IL) Nov. 2013.
- “Programming a Virtual Nigeria: Systems Simulation, Economic Performativity, and the History of Development” at the 56th Annual Meeting of the Midwest Junto for the History of Science (South Bend, IN). APR. 2013.

*On East German Cybernetics:*

- “Marxist Cybernetics or Cybernetic Marxism? Information, Systems Modeling, and the Boundaries of Orthodoxy in the GDR” at the Third Annual AGSUH Graduate Student Conference (Atlanta, GA). APR. 2011.
- “Visualizing Authority: Cybernetics, Systems Modeling, and the Optics of East German Power” in the session “Beyond Illustration: Visual Culture and the Scopic Regimes of Modernity” at the Fourth Annual Southeast German Studies Workshop (Atlanta, GA). FEB. 2011.
- “Red Helmsman: Dogmatism, Pragmatism, and Negotiation in the Philosophy of Georg Klaus” at the Cold War Cultures Conference (Austin, TX). OCT. 2010.
- “Compass Rising: East German Cybernetics and the ‘New Class’” in the session “Class and Hierarchy: What’s Left?” at the Third Annual Southeast German Studies Workshop (Atlanta, GA). MAR. 2010.

NON-ACADEMIC  
PUBLICATIONS*Blog Posts*

- “Why German Economic Thought Made the Greek Crisis Inevitable” *Tropics of Meta*, July 10, 2015 (Republished by the Washington Center for Equitable Growth) <https://tropicsofmeta.wordpress.com/2015/07/10/why-german-economic-thought-made-the-greek-crisis-inevitable/>

TALKS &  
LECTURES*Invited Talks*

- “Science Studies and the Digital Humanities” Invited Speaker, Digital Humanities Speaker Series, Illinois Institute of Technology (Chicago, IL)
- “How to Navigate the Archive,” Invited Discussant, Northwestern University History Department (Evanston, IL)
- “Digital Tools for Historical Research,” Invited Speaker, Northwestern University History Department (Evanston, IL)

## TEACHING

*Northwestern University: Evanston, Illinois*

- History of Western Science and Medicine (with Ken Alder) Spring 2015
- The Computerized Society (with Michael Kramer) Spring 2014
- Global History II: The Age of Carbon (with Daniel Immerwahr) Winter 2014
- Biomedicine & World History (with Helen Tilley) Spring 2013
- History of Western Science and Medicine (with Ken Alder) Winter 2012

*Georgia State University: Atlanta, Georgia*

- U.S. History Survey: 1492 – Present (with Larry Youngs) Spring 2012
- World History Survey: 1500 – Present (with Jared Poley) Fall 2009

## SERVICE

*Committees & Administration*

- Science in Human Culture Doctoral Colloquium, Coordinator 2015-2016
- Northwestern University Digital Humanities Laboratory, Assistant Director 2013-2014
- Northwestern History Graduate Student Organization, President 2014-2015
- Northwestern History Graduate Student Organization, Vice President 2013-2014

*Peer Review*

- *IEEE Annals of the History of Computing*, Peer Reviewer 2013-2014

*Digital Projects*

- *Videri*, Webmaster, Contributor 2012-

GRANTS,  
HONORS  
& AWARDS*Fellowships*

- Teagle Foundation Teaching Fellowship 2013-2014
- HASTAC Fellow 2012-2013
- Mellon THATCamp Fellowship 2011
- Science Studies Research Fellowship, Northwestern 2011-2016
- Graduate Research Assistantship, GSU 2008-2010

*Grants*

- Andrew W. Mellon Research Grant 2015
- Association of Georgia State Historians Travel Grant 2010

PROFESSIONAL  
EXPERIENCE*Archives and Museums*

**National Archives at Atlanta**, Archives Technician 2008–2011

- Specialized in Atomic Energy Commission and Manhattan Project records.
- Participated in workshops for K-12 educators.
- Assisted academic researchers.

**Gwinnett History Museum**, Museum Attendant 2003–2007

- GCPR Attendant of the Year, 2007.

*Information Technology*

**Micromeritics Instrument Corporation**, IT Technician 2006–2008

- Deployed and maintained a Blackberry Enterprise Server.
- Administered a Microsoft Windows Server 2003 environment.
- Supported a Lotus Notes/Domino 8.0 mail server.

SOFTWARE  
PROFICIENCIES*Working Knowledge*

Debian Linux, Git VCS, HTML/CSS, L<sup>A</sup>T<sub>E</sub>X, MALLET, MediaWiki, SQL, Python, Stanford NLP, Sublime Text, WordPress,

*Basic Knowledge*

COBOL, Fortran, Mathematica