

# Dr. E.A. (Allen) Driggers

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## PROFESSIONAL

Assistant Professor of History Current  
**Tennessee Technological University**  
Cookeville, Tennessee

## EDUCATION

University of South Carolina, Columbia, SC 2015

### **Ph.D. in History**

Concentration: History of Science, Technology, Environment, and Medicine (STE)

Dissertation: "Boundary Stones: Morbid Concretions and the Chemistry of Early Nineteenth Century Medicine."

Readers: Ann Johnson, Joseph November, Allison Marsh, and Christopher Hamlin (Notre Dame)

University of South Carolina, Columbia, SC 2010

### **Master of Arts in History**

Thesis: "A Useful Hint:" Edward Darrell Smith and the Urological Community of the Nineteenth Century

North Carolina State University, Raleigh, NC 2008

### **Bachelor of Arts in History, Bachelor of Arts Women's and Gender Studies**

*Summa cum Laude and Phi Beta Kappa*

## PUBLICATIONS

### BOOKS

***No Stone Unturned: Chemistry and the Republic of Medicine*** (Under Advanced Contract with the University of Alabama Press, January 2019, Awaiting Peer Review Feedback)

***Man's Place in Oil Field Vanishes:" Women and Trailblazing Geology at the Twentieth Century*** (Proposal Solicited by Springer, Awaiting Submission, likely February 2019)

One Chapter Completed

## **ARTICLES**

### **PUBLISHED**

“A Clue in a Labyrinth:” The Medico-Chemistry of the Stone in the Life of Edward Darrell Smith" in the *Journal of Medical Biography*. doi: 10.1177/0967772018786706

“Experiencing a Research Question” in *Journal of Reflective Inquiry*, Volume 1, Issue 1, October 2015.

### **ACCEPTED ARTICLES**

“The Chemistry of Race: Disease and Skin Colour at the Turn of the Nineteenth Century,” *Critical Philosophy of Race*. Forthcoming, projected to be in the Seventh Volume in the second issue. See editorial e-mail confirming publication in dossier folder.

“Resources of the Southern Fields and Forests: Botany, the American Civil War, and the Limits of Regional Analysis” in the *South Carolina Historical Magazine* Forthcoming Spring of 2019

### **SUBMITTED ARTICLES**

““More like the movement of a celestial system than a human invention:” Abram Blanding and the Mechanistic Wonder of Bringing Water to Columbia” Submitted to *Engineering Studies* (Revise and Re-Submit)

### **DRAFT ARTICLES**

“Sunstone Graphic Novel Series and Vulnerability” draft is about 3,000 Words so far

### **BOOK REVIEWS**

"Uroscopy in Early Modern Europe." *Ambix*, 63(2), pp. 188–189

### **PUBLIC HISTORY**

“How to Talk About Difficult Issues in Medicine,” MUTTER museum (*fugitive leaves*): October 19, 2018, [http://histmed.collegeofphysicians.org/how-to-talk-about-difficult-issues-in-medicine/?fbclid=IwAR2DEhQzJGI7Him\\_YGJ8xHAPPPcPqfjxhUlrNipfpP2KI\\_FhjhVR0q0oDoU](http://histmed.collegeofphysicians.org/how-to-talk-about-difficult-issues-in-medicine/?fbclid=IwAR2DEhQzJGI7Him_YGJ8xHAPPPcPqfjxhUlrNipfpP2KI_FhjhVR0q0oDoU)

Interview, “The World of Queen Victoria and Victoria Miniseries” WCTE radio, January 12, 2017

“Collections of Stones, Collections of Ideas,” Mutter Museum Blog, November 3, 2016:

<http://www.collegeofphysicians.org/histmed/collections-of-stones/>

Interview, “TECHnovations,” Episode 15, Dr. Allen Driggers, October 22, 2015. Played on 91.7 FM (Tennessee NPR Member) . <http://technovations.libsyn.com/technovations-episode-15-dr-allen-driggers>

## **COURSES TAUGHT AT TENNESSEE TECHNOLOGICAL UNIVERSITY**

### **HISTORY OF SCIENCE & MEDICINE**

History 1310 Science in World Cultures

History 4810 Scientific Controversies

History 1310 Science in World Cultures Online

Independent Studies (Science and Technology in the Early Republic)

HON 4013 History of Nursing and Healthcare in America

History 4880 The History of Medicine

History 4910-002 Intendent Study: History of Engineering

History 4290-001 US Science and Technology

History 4910-002 Independent Study: History of Nursing

Honors History 1310-800 Science in World Cultures

### **BRITISH HISTORY/EUROPEAN HISTORY**

History 4660 Modern British History

Independent Study (Monstrosity in Early Modern Europe)

History 4650 British History to 1688

### **US HISTORY**

History 2010 US History to 1877

History 2010 US History to 1877 Online

### **INTERDISCIPLINARY**

History 3410 Historical Methods

History 4993 Senior Seminar: Set the Table: The History of Food

### **Graduate (Cross Listed)**

History 5650 British History to 1688-One Student

History 5660 Modern British History-One Student

### **New Courses Developed at Tech**

HIST 4880 (5880) - History of Medicine

HIST 4890 (5890) - History of Nursing and Healthcare

### **Advisees**

Kinda N. Brabson (Graduated Spring 2017)

Emily Thomas (Graduating Spring 2019)

### **PRESENTATIONS**

#### **ACADEMIC:**

- June, 2019 (Planned) Brown Bag Lecture at Mutter Museum (As Travel Grant Recipient)
- March, 2019 (Accepted) “History of IBS (Irritable Bowel Syndrome)” at the Southern Association for the History of Medicine and Science in Charlottesville, Virginia
- November 9, 2018 “Friendship and Stones: Surgical and Chemical Collaborations to Understand the Problem of the Unitary Stone,” Southern Conference on British Studies/Concurrent Conference at the Southern Historical Association Annual Meeting in Birmingham, Alabama.
- November 6, 2018 “Augusta Hasslock Kemp: Women, Geology, and the West,” at Geological Society of America Annual Meeting (International Conference) in Indianapolis, Indiana
- February 23, 2018 “Sprawling Hypochondriasis” in the panel ““Madness and Medicine in the Long Eighteenth Century.” At The South Central Society for Eighteenth-Century Studies - Oxford MS, February 23-24
- October 8, 2016 “The Chemistry of Race?” 2016 Ohio Valley Conference at Tennessee Technological University, Cookeville, TN
- July 21, 2016 Boundary Stones: Morbid Concretions and the Chemical Revolution of the Late Eighteenth Century, at the Mutter Museum in Philadelphia, PA
- April 29, 2015 “Women and the Operation for the Stone” at 2015 Pennsylvania Hospital History of Women’s Health Conference in Philadelphia, Pennsylvania

- October 24, 2014 “Brown Bag Lunch (BBL): Edward Darrell Smith and the Chemical Treatment of Urinary Stones” at the Chemical Heritage Foundation in Philadelphia, Pennsylvania
- June 18, 2014 “Fellow Brown Bag: Networks of Nature: Chemistry and the Revision of Humoral Theory at the turn of the Nineteenth Century” at Mutter Museum in Philadelphia, Pennsylvania
- February 23, 2013 “The Botanical Writings of Francis Peyre Porcher” at Southern Association for the History of Medicine Annual Meeting in Charleston, South Carolina
- October 12, 2012 Comments on Joyce Chaplin’s paper concerning Circumnavigation and Earthsickness, History Center, University of South Carolina.
- November 9, 2011 “A Brief History of Catalysis and Its Interested Parties” at S-Net: Society for the Study of Nanoscience and Emerging Technologies in Tempe, Arizona
- July 2, 2011 “Comments on Janet A Kourany’s ‘Philosophy of Science after Feminism’” at “Research in its Technological Setting” at ZIF, Bielefeld University, Bielefeld, Germany.
- March 6, 2010 “19th Century Urological Thought” at Southern Association for the History of Medicine and Science Annual Meeting in Louisville, Kentucky
- November 23, 2013 “Medical Practice and the Measurement of Nature,” History of Science Society Annual Meeting in Boston, Massachusetts

### **PUBLIC LECTURES**

- December 21, 2017 “Longest Night Fireside Chat,” TTU Stem Center, Cookeville, TN
- August 21, 2017 “Eclipses of the Fifteenth Century,” STEM Mobile—Cookeville Eclipse Festivities, Cookeville TN
- June 20, 2017 “Longest Day History,” STEM Center, Summer Solstice Night, Cookeville, TN
- April 26, 2017 “History of Polio” Cookeville TN Rotary
- February 9, 2017 “Gender, Science, and Wikipedia,” at Tennessee Technological University STEM Center

- December 21, 2016 “The Longest Night and Calendars,” Tennessee Technological University STEM Center
- December 7, 2017 “Boundary Stones: Chemistry and Medicine in Turn of the Nineteenth Century America and Britain” at Cookeville Rotary Meeting
- February 29, 2016 The Stone and the Humors: Medical Chemistry at the Turn of the Nineteenth Century,” invited talk to kick off Biochemistry Week at Tennessee Technological University
- November 8, 2015 “Virtues in Science and Engineering during the Renaissance Era,” Invited talk at Tennessee Technological University College of Engineering

**GRANTS, TRAVEL GRANTS, AND FELLOWSHIPS**

Mutter Museum	<b>Wood Institute Travel Grant</b>	Summer 2019
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Chemical Heritage Foundation	<b>Travel Grant</b>	Summer 2018
Tennessee Higher Education Commission	<b>Improving Teacher Quality Grant (Co-PI)</b>	Summer 2018
Tennessee Technological University	<b>Provost Micro-Grant</b>	Fall-Spring 2016
Tennessee Technological University	<b>Faculty Research Council</b>	Fall 2016-Fall 2017
Tennessee Technological University	<b>QEP Award, History of Nursing and Healthcare</b>	Fall 2016
Mutter Museum	<b>Wood Institute Travel Grant</b>	July 2016
Tennessee Technological University	<b>Faculty Research Council Grant</b>	Spring-Fall 2016
Pennsylvania Hospital	<b>2015 History of Women’s Health Conference Honorarium</b>	April 2015
Chemical Heritage Foundation	<b>Sidney M. Edelstein Dissertation Fellow</b>	2014-2015

Office of the Vice President for Research (USC)	<b>Support to Promote Advancement of Research And Creativity (SPARC) Fellowship</b>	2014
Mutter Museum	<b>Wood Institute Travel Grant</b>	2014
NSF/HSS	<b>Travel Grant (for annual meeting)</b>	2013
USC Graduate School	<b>Conference Travel Grant</b>	2013
Chemical Heritage Foundation	<b>Archival Research Support Grant</b>	2013
University of South Carolina	<b>Graduate Fellowship</b>	2008 - 2014

### **HONORS**

North Carolina State University	<b>Honors in Women's and Gender Studies</b>	2008
North Carolina State University	<b>Honors in History</b>	2008
North Carolina State University	<b>Hobb's Award for Historical Curiosity</b>	2008
North Carolina State University	<b>Phi Alpha Theta</b>	2007
North Carolina State University	<b>Phi Beta Kappa</b>	2007

### **SERVICE AND COMMUNITY OUTREACH**

- ❖ Treasurer and Membership Chair, AAUP (2017-2018)
- ❖ Faculty Sponsor, History Club, Tennessee Technological University
- ❖ Faculty Sponsor, E-Sports Club, Tennessee Technological University
- ❖ Faculty Research Committee, Tennessee Technological University
- ❖ Teacher Education Committee, Tennessee Technological University
- ❖ Commission on the Status of Women, Tennessee Technological University
- ❖ Co-Chair, Interfaith Peace Project for 2017-2018
- ❖ Chair, Winchester Scholarship Committee, History Department, Tennessee Technological University
- ❖ Cookeville Rotary Member

## **LANGUAGES**

English [native language]

French – Proficient reading knowledge

Spanish – Basic reading knowledge

Latin – Basic reading knowledge

## **AREAS OF INTEREST**

- History of Medicine
- History of Chemistry
- Chemical Revolution
- United States History
- British History
- History of Urology
- History of Gynecology
- History of Museums
- Gender History
- History of Geology
- History of Engineering
- Early Republic History