

# Shaping Written Knowledge: The Genre and Activity of the Experimental Article in Science

By Charles Bazerman

Edited for digital presentation by Patricia Klei

In *Shaping Written Knowledge*, Charles Bazerman traces the history and character of the experimental article in science, calling attention to the social and rhetorical forces that shaped its development. Truly a landmark in writing studies, this book provides a broadly interdisciplinary exploration of an important genre and offers insights that extend far beyond its immediate focus of study.

## Table of Contents

[Open the entire book: 2,135K](#)

[Front Matter, Contents, and Acknowledgements](#) (26K)

### Part One: Writing Matters

[Chapter 1: The Problem of Writing Knowledge](#) (85K)

[Chapter 2: What Written Knowledge Does: Three Examples of Academic Discourse](#) (536K)

### Part Two: The Emergence of Literary and Social Forms in Early Modern Science

[Chapter 3: Reporting the Experiment: The Changing Account of Scientific Doings in the \*Philosophical Transactions of the Royal Society\*, 1665-1800](#) (97K)

[Chapter 4: Between Books and Articles: Newton Faces Controversy](#) (238K)

[Chapter 5: Literate Acts and the Emergent Social Structure of Science](#) (120K)

### Part Three: Typified Activities in Twentieth-Century Physics

[Chapter 6: Theoretical Integration in Experimental Reports in Twentieth-Century Physics: Spectroscopic Articles in \*Physical Review\*, 1893-1980](#) (192K)

[Chapter 7: Making References: Empirical Contexts, Choices, and Constraints in the Literary Creation of the Compton Effect](#) (363K)

[Chapter 8: Physicists Reading Physics: Schema-Laden Purposes and Purpose-Laden Schema](#) (97K)

### Part Four: The Reinterpretation of Forms in the Social Sciences

[Chapter 9: Codifying the Social Scientific Style: The \*APA Publication Manual\* as a Behaviorist Rhetoric](#) (103K)

[Chapter 10: Strains and Strategies in Writing a Science of Politics: The Unsettled Rhetoric of the \*American Political Science Review\*, 1979](#) (53K)

### Part Five: Scientific Writing as a Social Practice

[Chapter 11: How Language Realizes the Work of Science: Science as a Naturally Situated, Social Semiotic System](#) (127K)

[Chapter 12: Writing Well, Scientifically and Rhetorically: Practical Consequences for Writers of Science and Their Teachers](#) (85K)

[References](#) (92K)

[Index](#) (61K)

**Publication Information:** Bazerman, Charles. (2000). *Shaping Written Knowledge: The Genre and Activity of the Experimental Article in Science*. WAC Clearinghouse Landmark Publications in Writing Studies: [http://innovationtest2.colostate.edu/books/bazerman\\_shaping/](http://innovationtest2.colostate.edu/books/bazerman_shaping/) Originally Published in Print, 1988, by [University of Wisconsin Press](#), Madison, Wisconsin.

**Publication Date:** November 1, 2000

#### Contact Information:

Charles Bazerman's Home Page: <http://www.education.ucsb.edu/~bazerman>

Charles Bazerman's Email: [bazerman@education.ucsb.edu](mailto:bazerman@education.ucsb.edu)

## Landmark Publications in Writing Studies

**Series Editor:** David R. Russell, Iowa State University

This book is available in whole and in part in Adobe's Portable Document Format (PDF).

Copyright © 1988 University of Wisconsin Press. Used with permission. You may view this book. You may print personal copies of this book. You may link to this page. You may not reproduce this book on another Web site. For permission to use materials from this book in other publications, please contact University of Wisconsin Press.

## About the Clearinghouse

The WAC Clearinghouse is an open-access, educational website supported by donors, sponsors, and Colorado State University as well as a large group of volunteers. Copyright on the materials on this site is held by the authors and editors who have contributed content to it (© 1997-2019). This site is published using the Mura CMS and the Lucee open-source CFML platform.

## Social

PDF | On Jan 1, 1988, Charles Bazerman and others published *Shaping Written Knowledge: The Genre and Activity of the Experimental Article in Science*. The Bermuda Principles for DNA sequence data sharing are an enduring legacy of the Human Genome Project (HGP). They were adopted by the HGP at a strategy meeting in Bermuda in February of 1996 and implemented in formal policies by early 1998, mandating daily release of HGP-funded DNA sequences into the public domain. The idea of daily sharing, we argue, emanated directly from strategies for large, goal-directed molecular biology projects first tested within the "community" of *C. elegans* researchers, and were introduced and defended for the HGP by the nematode biologists John Sulston and Robert Charles Bazerman, *Shaping written knowledge: the genre and activity of the experimental article in science*, Madison and London, University of Wisconsin Press, 8vo, pp. xi, 356, £15.75, (paperback). Alexander Zahar (a1). (a1). To send this article to your Kindle, first ensure [no-reply@cambridge.org](mailto:no-reply@cambridge.org) is added to your Approved Personal Document E-mail List under your Personal Document Settings on the Manage Your Content and Devices page of your Amazon account. Then enter the 'name' part of your Kindle email address below. Charles Bazerman, *Shaping written knowledge: the genre and activity of the experimental article in science*, Madison and London, University of Wisconsin Press, 8vo, pp. xi, 356, £15.75, (paperback). Volume 35, Issue 2. Rhetoric of the human sciences. ISBN-10. 0299116905, 0299116948. Section: Articles looking at published research and other "professionally academic" genres: Next: Genre and the new rhetoric. Previous: Student writing in higher education: new contexts. Library availability. View in catalogue Find other formats/editions.