
Technical Knowledge in American Culture Science, Technology, and Medicine Since the Early 1800s

Edited by
HAMILTON CRAVENS,
ALAN I MARCUS, AND
DAVID M. KATZMAN

The University of Alabama Press

Tuscaloosa and London

Contents

Acknowledgments	ix
Introduction. Technical Knowledge in American Culture: An Analysis <i>Hamilton Cravens and Alan I Marcus</i>	i
PART ONE: THE RISE OF DEMOCRATIC CULTURE, 1800–1870	
1. The Ohio Mechanic’s Institute: The Challenge of Incivility in the Democratic Republic <i>Judith Spraul-Schmidt</i>	21
2. The American Career of Jane Marcet’s <i>Conversations on Chemistry</i> , 1806–1853 <i>M. Susan Lindee</i>	37
3. From Individual Practitioner to Regular Physician: Cincinnati Medical Societies and the Problem of Definition among Mid-Nineteenth-Century Americans <i>Alan I Marcus</i>	53
PART TWO: THE AGE OF HIERARCHY, 1870–1920	
4. Diagnosing Unnatural Motherhood: Nineteenth-Century Physicians and “Puerperal Insanity” <i>Nancy M. Theriot</i>	73

5. The Inventor of the Mustache Cup: James Emerson and Populist Technology, 1870–1900 <i>Edwin T. Layton</i>	91
6. Race-ism and the City: The Young Du Bois and the Role of Place in Social Theory, 1893–1901 <i>Zane L. Miller</i>	110
7. The German–American Science of Racial Nutrition, 1870–1920 <i>Hamilton Cravens</i>	125
PART THREE: TOWARD AN INFINITY OF DIMENSIONS	
8. The Case of the Manufactured Morons: Science and Social Policy in Two Eras, 1934–1966 <i>Hamilton Cravens</i>	149
9. Responding to the Airplane: Urban Rivalry, Metropolitan Regionalism, and Airport Development in Dallas, 1927–1965 <i>Robert B. Fairbanks</i>	169
10. Unanticipated Aftertaste: Cancer, the Role of Science, and the Question of DES Beef in Late Twentieth-Century American Culture <i>Alan I. Marcus</i>	189
Afterword	206
Notes	209
Contributors	253
Index	257