



# ART, SCIENCE, AND THE POLITICS OF KNOWLEDGE

---

---



# ART, SCIENCE, AND THE POLITICS OF KNOWLEDGE

---

---

HANNAH STAR ROGERS

THE MIT PRESS  
CAMBRIDGE, MASSACHUSETTS  
LONDON, ENGLAND

© 2022 Massachusetts Institute of Technology

This work is subject to a Creative Commons CC-BY-NC-ND license.



The MIT Press would like to thank the anonymous peer reviewers who provided comments on drafts of this book. The generous work of academic experts is essential for establishing the authority and quality of our publications. We acknowledge with gratitude the contributions of these otherwise uncredited readers.

This book was set in ITC Stone and Avenir by New Best-set Typesetters Ltd.

Library of Congress Cataloging-in-Publication Data

Names: Rogers, Hannah Star, author.

Title: Art, science, and the politics of knowledge / Hannah Star Rogers.

Description: Cambridge, Massachusetts : The MIT Press, [2022] | Includes bibliographical references and index.

Identifiers: LCCN 2021029454 | ISBN 9780262543682 (paperback)

Subjects: LCSH: Art and science. | Science and the arts. | Science—Methodology. | Experiential learning.

Classification: LCC N72.S3 R64 2022 | DDC 700.1/05—dc23

LC record available at <https://lcn.loc.gov/2021029454>

10 9 8 7 6 5 4 3 2 1

This book is dedicated to Hiram Harmon Rogers, Crystal Harmon Rogers,  
and Hugo Homer Rogers, Jr.



# CONTENTS

---

---

FOREWORD I BY GEOFFREY C. BOWKER	ix
FOREWORD II BY BARRY BARNES	xiii
PREFACE: THE RISE OF ART-SCIENCE	xvii
ACKNOWLEDGMENTS	xxix
1 INTRODUCTION: ART IN SCIENCE AND TECHNOLOGY STUDIES	1
2 POSITIONING AESTHETIC KNOWLEDGE: THE BLASCHKA MODELS	39
3 MAKING SCIENCE VISIBLE: THE PHOTOGRAPHY OF BERENICE ABBOTT	75
4 THE PRACTICES OF TACTICAL MEDIA	97
5 SYMBIOTICA: CULTURING ART AND SCIENCE	143
6 CURATING ART'S WORK IN THE AGE OF BIOTECHNOLOGY	177
CONCLUSION: ART, SCIENCE, AND TECHNOLOGY STUDIES	217
NOTES	243
REFERENCES	251
INDEX	271



