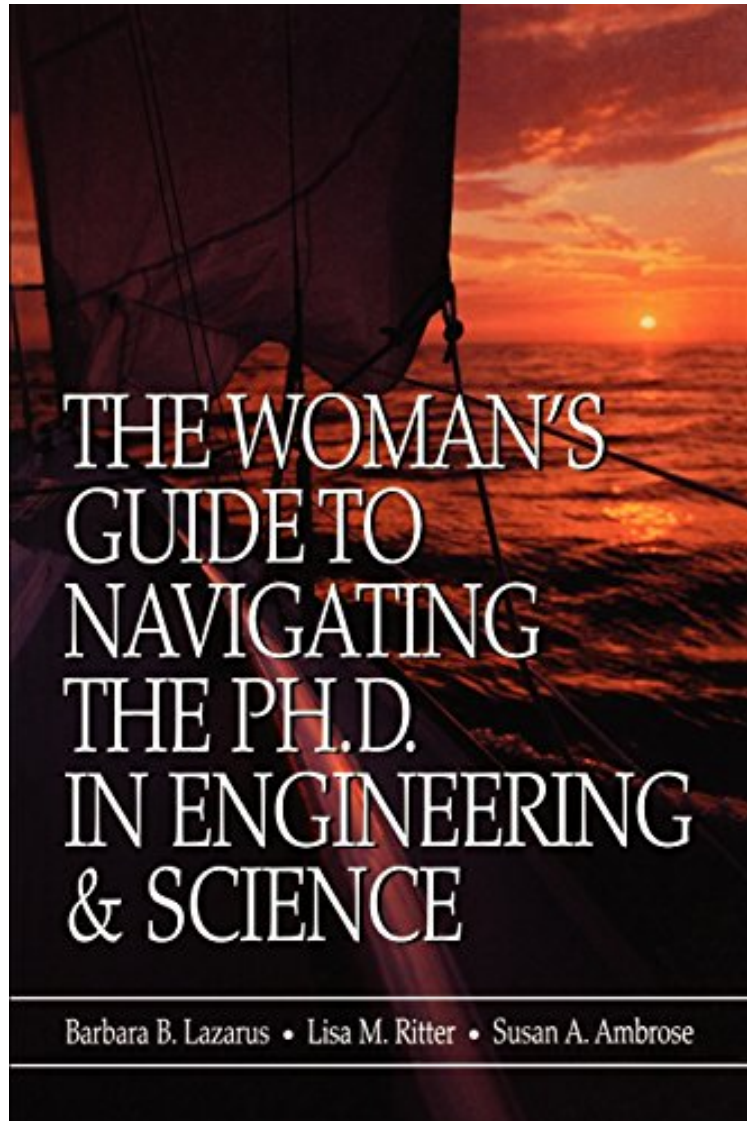


(Ebook pdf) The Woman's Guide to Navigating the Ph.D. in Engineering Science

The Woman's Guide to Navigating the Ph.D. in Engineering Science

Barbara B. Lazarus, Lisa M. Ritter, Susan A. Ambrose
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Barbara B. Lazarus, Lisa M. Ritter, Susan A. Ambrose : The Woman's Guide to Navigating the Ph.D. in Engineering Science before purchasing it in order to gage whether or not it would be worth my time, and all praised The Woman's Guide to Navigating the Ph.D. in Engineering Science:

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"Survive and thrive in graduate school. Designed to unravel some of the mystery around graduate school programs in science and engineering, this one-stop resource reinforces strategies for succeeding. Qualitative interviews offer first-hand stories and tips from women who have found success in academia, industry, and the public sector. Each chapter covers a different aspect of graduate school, from identifying funding sources, to writing the dissertation, to looking for a job. THE WOMAN'S GUIDE TO NAVIGATING THE PH.D. IN ENGINEERING SCIENCE also focuses on the emotional and social difficulties women may experience, and offers practical suggestions and advice for surviving and thriving in graduate school. Featured topics include: * funding, requirements and standards, qualifiers * making the advising process work * writing the dissertation and defending * searching for a job * learning by critique * balancing competing needs THE WOMAN'S GUIDE TO NAVIGATING THE PH.D. IN ENGINEERING SCIENCE's goal is to help women overcome the stereotypes and hidden barriers they may encounter in graduate school - so that they may emerge ready for careers in the academic, corporate or public sector. About the Authors Dr. Barbara B. Lazarus is the associate provost for academic affairs and an adjunct professor of educational anthropology at Carnegie Mellon University. Recent publications include "Journeys of Women in Science and Engineering: No Universal Constants" (Temple University Press, 1997) and "The Equity Equation: Fostering the Advancement of Women in the Sciences, Mathematics and Engineering" (Jossey-Bass, 1996). Dr. Lazarus serves as a member of the Committee on Women's Studies in Asia, on the Advisory Committee of MentorNet, and as a board member of the Women in Engineering Programs and Advocates Network. Lisa M. Ritter is a communications consultant at Carnegie Mellon University and the editor of the quarterly graduate newsletter on campus. She has also worked as a public relations director and coordinator of professional development seminars for graduate students. Dr. Susan A. Ambrose is associate provost for educational development, director of the Eberly Center for Teaching Excellence, and a principal lecturer in the Department of History at Carnegie Mellon University. Her research interests include applying cognitive principles to education and understanding how class origin, sex, race and ethnicity, social conceptions of women, and other variables collectively influence women's life decisions and careers in engineering and science. Recent publications include "Journeys of Women in Science and Engineering: No Universal Constants" (Temple University Press, 1997) and "The New Professor's Handbook" (Anker Press, 1994). Dr. Ambrose was recently honored with an American Council on Education fellowship for the 1999-2000 academic year."

"this handy book systematically establishes a far-reaching 'map' of the graduate school experience that will be invaluable not only to women candidates, but to all graduate students and mentors" (IEEE Circuits Devices Magazine, March/April 2005)
From the Back Cover
Education / Career and Personal Development
The Woman's Guide to Navigating the Ph.D in Engineering Science
"The Ph.D. is a challenging and tough endeavor for everyone because of the exploration into uncharted places of knowledge. ... There is no other instance in which one can feel quite the same 'intellectual high' and sense of accomplishment that one's own Ph.D. work gives, so it is important to understand and learn to navigate the process." -Indira Nair Vice Provost for Education and Associate Professor of Engineering and Public Policy Carnegie Mellon University
Designed to unravel some of the mystery around graduate school programs in science and engineering, this one-stop resource reinforces strategies for succeeding in graduate school. Qualitative interviews offer first-hand stories and tips from women who have found success in academia, industry, and the public sector. Each chapter covers a different aspect of graduate school, from identifying funding sources, to writing the dissertation, to looking for a job. The Woman's Guide to Navigating the Ph.D. in Engineering Science also focuses on the emotional and social difficulties that women may experience, and offers practical suggestions and advice for surviving and thriving in graduate school. Featured topics include: * Funding, requirements and standards, qualifiers * Making the advising process work * Writing and defending the dissertation * Searching for a job * Learning by critique * Balancing competing needs
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