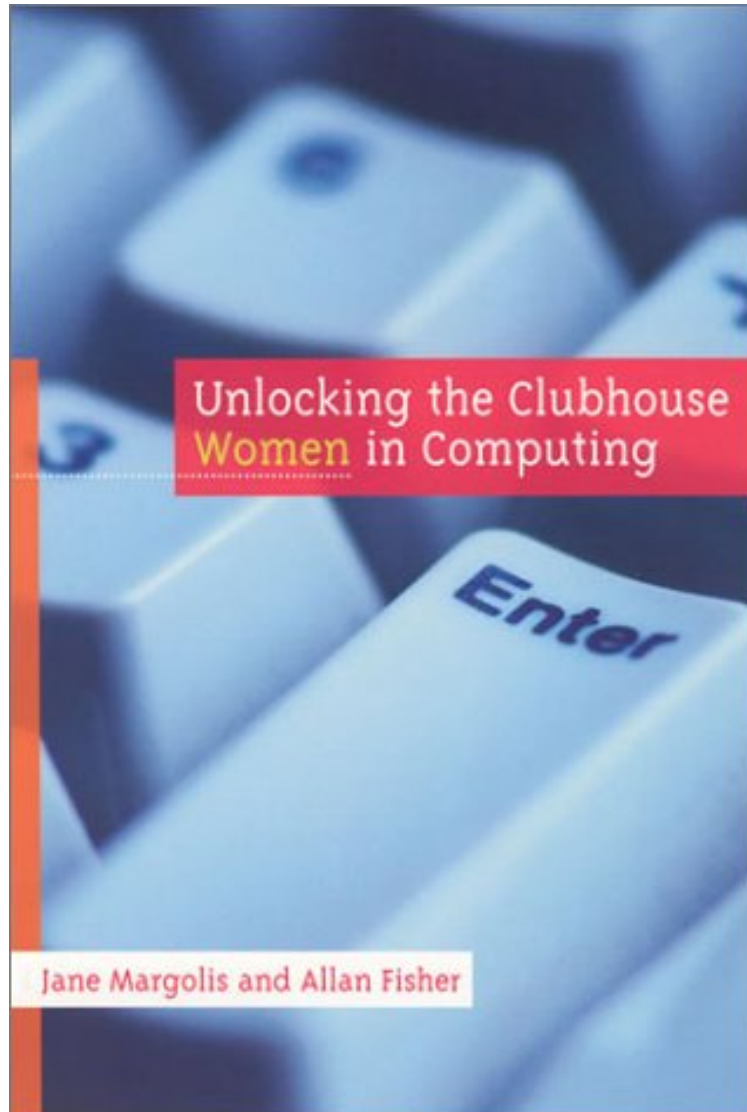


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Unlocking the Clubhouse: Women in Computing (MIT Press)

Jane Margolis, Allan Fisher
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Jane Margolis, Allan Fisher : Unlocking the Clubhouse: Women in Computing (MIT Press) before purchasing it in order to gage whether or not it would be worth my time, and all praised Unlocking the Clubhouse: Women in Computing (MIT Press):

0 of 0 people found the following review helpful. A great read.By DelerakA great book on why women don't remain in the CS field. I read this out of my ow curiosity and it answered a lot of my questions. Saddens me that society treats women this way and forces them out of great careers. Parents need to own up to their mistakes when they raise their kids to assume a gender role in society.0 of 0 people found the following review helpful. Relevant findings even in

2015 By Alex I read this book as a precursor to undergraduate research on women in computing. In short, *Unlocking the Clubhouse* (UTC) was extremely well written and organized (though what else would you expect from research coming out of a top US university?). Technical jargon was almost non-existent, making it a highly accessible read to those outside of the computing industry. Further, I personally found the interview excerpts to be encouraging as a woman currently enrolled in a undergraduate computer science program. Who is this book for? Women in high school or college that are thinking about or are currently pursuing computing. Parents of children interested in computers. Educators in the K-12 environment and university environment. Any person interested in gender inequity and/or computing. 0 of 0 people found the following review helpful. Good Study By Pandora I like this study and I think it's a very important topic. That said... I don't know who this book would really appeal to outside myself as I otherwise study this topic. I think if you're looking for a recreational read this isn't really your cup of tea, but if you're looking for an academic source I highly recommend it.

The information technology revolution is transforming almost every aspect of society, but girls and women are largely out of the loop. Although women surf the Web in equal numbers to men and make a majority of online purchases, few are involved in the design and creation of new technology. It is mostly men whose perspectives and priorities inform the development of computing innovations and who reap the lion's share of the financial rewards. As only a small fraction of high school and college computer science students are female, the field is likely to remain a "male clubhouse," absent major changes. In *Unlocking the Clubhouse*, social scientist Jane Margolis and computer scientist and educator Allan Fisher examine the many influences contributing to the gender gap in computing. The book is based on interviews with more than 100 computer science students of both sexes from Carnegie Mellon University, a major center of computer science research, over a period of four years, as well as classroom observations and conversations with hundreds of college and high school faculty. The interviews capture the dynamic details of the female computing experience, from the family computer kept in a brother's bedroom to women's feelings of alienation in college computing classes. The authors investigate the familial, educational, and institutional origins of the computing gender gap. They also describe educational reforms that have made a dramatic difference at Carnegie Mellon -- where the percentage of women entering the School of Computer Science rose from 7% in 1995 to 42% in 2000 -- and at high schools around the country.

.com When there were no opportunities for women in the sciences, it was assumed they had no aptitude for the work. Even today, our tendency is to explain the gender gap by pointing out cognitive differences between men and women, overlooking the powerful societal pressures that guide young people into--and away from--certain careers. Convinced that "women must know more than how to use technology; they must know how to design and create it," Jane Margolis, a social scientist, and Allan Fisher, a computer scientist and college dean, devised a four-year study (involving some 230 interviews) at Carnegie Mellon School of Computer Science. They found that the seven percent of female undergraduates at the college started out with as much excitement and talent as their male counterparts, but often wilted early on, perceiving that male students had come to college far better prepared than they had. "The study of computer science education can be seen as a microcosm of how a realm of power can be claimed by one group of people," the authors argue, "relegating others to outsiders." Happily, thanks to their efforts, female enrollment is up at Carnegie Mellon, and more women are remaining in the field. The racial divide in computer science is as pronounced as the gender gap, however, and would benefit from studies like the one described in *Unlocking the Clubhouse*. Surely the door can be pried open for blacks and Hispanics as well. --Regina Marler From Booklist Margolis and Fisher document the astonishing gender gap in the field of computing by answering the question of why female interest in technology begins to wane in middle school and all but dies in high school. The authors argue that male dominance in information technology can be traced directly back to cultural, social, and educational patterns established in early childhood. Women, therefore, are vastly underrepresented in one of the most economically significant professions of the twenty-first century. After countless hours of classroom observation and interviews with hundreds of computer science students and teachers, the authors offer an array of formal educational reforms and informal practical solutions designed to rekindle and to nurture female interest in computer design and technology. Margaret Flanagan Copyright American Library Association. All rights reserved Drs. Margolis and Fisher have done a great service to education, computer science, and the culture at large. *Unlocking the Clubhouse* should be required reading for anyone and everyone who is concerned about the decreasing rate of women studying computer science. (Anita Borg, President and Founding Director, Institute for Women and Technology) On the surface it seems that computing should be an attractive career for women, but for many it hasn't been. Margolis and Fisher give us a deep and nuanced insight into this troubling problem. No simplistic answers are offered, but rather the far richer perspectives of real human experience. (Wm. A. Wulf President, National Academy of Engineering)...a highly influential and celebrated study of women in computer science... (Scott Carlson *The Chronicle of Higher Education*)...rigorous, academic...practical and readable. (Gill Stoker *First Monday*) This work proves that...by viewing computer science from different angles, we

can attract a broader cross-section of society... (Gregory V. Wilson Dr. Dobb's Journal)