

1. Record Nr.	UNINA9910162798403321
Autore	MacLean Lisa M.
Titolo	Cracking the code : how to get women and minorities into STEM disciplines and why we must / / Lisa M. MacLean
Pubbl/distr/stampa	New York, NY : , : Momentum Press, Engineering, , [2017] ©2017
ISBN	1-945612-21-5
Descrizione fisica	1 online resource (viii, 91 pages)
Collana	General Engineering and K-12 Engineering Education Collection
Disciplina	507.1073
Soggetti	Science - Study and teaching - United States Technology - Study and teaching - United States Engineering - Study and teaching - United States Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>1. The breadth of the problem -- 1.1 The face of computer science -- 1.2 How underrepresented populations are created -- 1.3 Conclusion --</p> <p>2. The depth of the problem -- 2.1 Annotated bibliography -- 3. Proposed solutions -- 3.1 Socialization at a young age -- 3.2 Socialization in college -- 3.3 Socialization in general -- 3.4 Cultivate interest -- 3.5 Work environment for women -- 3.6 Familial support -- 3.7 Financial barriers -- 3.8 Classwork and teaching methods -- 3.9 College culture and policies -- 3.10 Faculty -- 3.11 Research -- 3.12 Internships and cooperative education -- 3.13 Mentoring -- 3.14 Tutoring -- 3.15 Social opportunities -- 3.16 Outreach to K-12 teachers -- 3.17 Outreach to community colleges -- 3.18 Outreach to nontraditional students -- 3.19 STEM high schools for URPs and REMs -- 3.20 Bias -- 3.21 Dual enrollment programs -- 3.22 Further recommendations -- 3.23 Conclusion --</p> <p>4. Application -- 4.1 Proposed solutions to the problem of underrepresented populations in STEM -- 4.2 Conclusion -- References -- Index.</p>
Sommario/riassunto	This book will examine the problem of underrepresented populations

(URPs) in the so-called "STEM" fields: Science, Technology, Engineering, and Mathematics. Who are these underrepresented populations? What creates them? And finally, why should there be concern about URPs in STEM? It will be shown that there is a crisis of a dearth of women, especially minority women, in STEM. This problem is especially acute in Computer Science. It will be shown what has combined to create the perfect storm of impending economic stagnation, impoverished populations, diminished innovation, and lack of interest in choosing these fields. Some solutions to the factors contributing to this problem will be proposed in order to correct this social injustice, and stave off losing America's status as one of the leaders in technological innovation and economic opportunity.

2. Record Nr.	UNINA9910706742203321
Autore	Potter Joshua
Titolo	American advisors : security force assistance model in the long war / / by Joshua J. Potter
Pubbl/distr/stampa	Fort Leavenworth, Kansas : , : Combat Studies Institute Press, Combined Arms Center, , 2011
Descrizione fisica	1 online resource (xvii, 107 pages) : illustrations, maps
Disciplina	956.7044/3373
Soggetti	Military assistance Military assistance, American - Iraq Military assistance, American - Afghanistan Internal security - Iraq Iraq War, 2003-2011 Iraq Armed Forces Training of
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Joint Center for International Security Force Assistance."
Nota di bibliografia	Includes bibliographical references (page 105).

