

1. Record Nr.	UNINA9910793206603321
Titolo	Broadening participation in STEM : effective methods, practices, and programs // edited by Zakiya S. Wilson-Kennedy, Goldie S. Byrd, Eugene Kennedy, Henry T. Frierson
Pubbl/distr/stampa	Bingley, UK : , : Emerald Publishing, , 2019
ISBN	1-78756-909-8 1-78756-907-1
Descrizione fisica	1 online resource (378 pages)
Collana	Diversity in higher education, , 1479-3644 ; ; volume 22
Disciplina	507.1173
Soggetti	Science - Study and teaching (Higher) - United States Engineering - Study and teaching (Higher) - United States Technology - Study and teaching (Higher) - United States Mathematics - Study and teaching (Higher) - United States Minority college students - Recruiting - United States Education - Higher Education United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Prelims -- Part I -- Part II -- Index.
Sommario/riassunto	U.S. students exit undergraduate science, technology, engineering, and mathematics programs at alarming rates. Less than 50 percent of the undergraduate students who enter STEM degree programs as aspiring freshmen complete degrees in these areas. This is especially true for minorities, whose departure from STEM degree programs is often twice the rate of others. Broadening Participation in STEM features chapters from developers of high impact educational practices and programs that have been effective at broadening the participation of underrepresented groups in the STEM disciplines. It explores strategies used with special populations of STEM aspirants including minority groups such as African Americans, Latino Americans, and Native Americans; persons from economically disadvantaged background; and

persons with disabilities. This volume contributes to national knowledge of best practices in educating underrepresented students aspiring to STEM careers. This book provides campus-based faculty, administrators, and diversity professionals with a guide that can be used to develop programs designed to address specific student success and inclusion goals in STEM programs.
