

1. Record Nr.	UNINA9910984617103321
Titolo	Educational Pathways for Black Students in Science, Engineering, and Medicine : Exploring Barriers and Possible Interventions: Proceedings of a Workshop
Pubbl/distr/stampa	Washington, D.C. : , : National Academies Press, , 2022 ©2022
ISBN	9780309273473 0309273471 9780309273459 0309273455
Edizione	[1st ed.]
Descrizione fisica	1 online resource (121 pages)
Altri autori (Persone)	DivisionHealth and Medicine AffairsPolicy and Global Roundtable on Black Men and Black Women in ScienceEngineering, and Medicine LaurencinCato T WhitacrePaula HoldenLynne M BridgesCharles R., Jr., <1956-> AjijolaOlujimi
Soggetti	African Americans - Education (Higher) - United States African Americans - Education (Primary) - United States African Americans - Education (Secondary) - United States Science - Study and teaching (Elementary) - United States Science - Study and teaching (Secondary) - United States Mathematics - Study and teaching (Elementary) - United States Mathematics - Study and teaching (Secondary) - United States Engineering - Study and teaching (Secondary) - United States Engineering - Study and teaching (Elementary) - United States Noirs américains - Enseignement primaire - Etats-Unis Sciences - Etude et enseignement (Primaire) - Etats-Unis Sciences - Etude et enseignement (Secondaire) - Etats-Unis Ingenierie - Etude et enseignement (Secondaire) - Etats-Unis Ingenierie - Etude et enseignement (Primaire) - Etats-Unis African Americans - Education (Higher) African Americans - Education (Secondary) Engineering - Study and teaching (Elementary) Engineering - Study and teaching (Secondary)

Mathematics - Study and teaching (Elementary)	
Mathematics - Study and teaching (Secondary)	
Science - Study and teaching (Elementary)	
Science - Study and teaching (Secondary)	
United States	
<b>Lingua di pubblicazione</b>	Inglese
<b>Formato</b>	Materiale a stampa
<b>Livello bibliografico</b>	Monografia
<b>Nota di contenuto</b>	Front Matter -- 1. Introduction -- 2. Background and What is Missing in Key Milestones and Existing Pathway Programs -- 3. Teachers and Young Professionals: Perceived Obstacles, Real Barriers, and Potential Points of Intervention -- 4. Review of Gaps and Barriers along the Pathway -- 5. Impact of Finances on the Educational Pipeline -- 6. Potential Interventions Inside and Outside the Educational Pipeline and Classroom -- 7. Congressional and Concluding Remarks -- Appendix A: Workshop Agenda -- Appendix B: Biographies of Roundtable Members and Speakers
<b>Sommario/riassunto</b>	"Academic preparation is critical to increase Black representation in Science, Engineering, and Medicine, but so, too, are such interrelated factors as providing mentoring and role models in sufficient numbers, adequately funding school and community support services, and analyzing the intentional and unintentional consequences of a range of policies and practices. To address these issues, the Roundtable on Black Men and Black Women of the National Academies of Sciences, Engineering, and Medicine convened a virtual workshop on September 2 and 3, 2020. Titled "Educational Pathways for Blacks in Science, Engineering, and Medicine: Exploring Barriers and Possible Interventions," the workshop provided a platform to explore challenges and opportunities, beginning in the earliest years of life through K-12 schooling, undergraduate and postgraduate education, and into the workforce. Presenters throughout the workshop provided perspectives from research and from their own experiences to discuss the need for systemic solutions inside and outside of formal education institutions. This publication summarizes the presentation and discussion of the workshop." --