

INTEGRATION OF STEM WORKFORCE DEVELOPMENT IN AFTERSCHOOL

The list of references in this section is a heterogeneous collection of publications on STEM and workforce standards and trends, issue briefs, evaluation reports, literature reviews, and research results on subjects such as IT skills development, pedagogical practice, out-of-school time programming, etc. The materials provide general background information on STEM workforce development and/or afterschool, or otherwise relate to multiple subtopics.

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EFFECTIVE PROGRAM MODELS & CORE ELEMENTS

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PROFESSIONAL DEVELOPMENT OF STAFF

The growing professionalization of the afterschool workforce is reflected in the expanded body of literature available on professional development for afterschool practitioners. This collection of publications presents a number of models and promising practices for professional development of afterschool staff, in the form of toolkits, research reports, guides, and other materials.

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ENGAGING UNDER-REPRESENTED GROUPS

This list includes an array of research studies, issue briefs, guides, and other papers that examine the participation of groups traditionally under-represented in STEM careers. These publications inquire into and share strategies for different dimensions of recruitment, retention, and persistence of these groups – such as girls, minorities, young people with disabilities, and low-income youth – in STEM programs and fields.

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PARTNERSHIPS WITH INDUSTRY & ACADEMIA

Many afterschool programs partner with universities, businesses, and other organizations in their communities for richer programming, recruitment, and sustainability. In this list of resources, a variety of models and case studies, guides, research papers, and other publications tell success stories and share strategies for building effective partnerships.

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SUSTAINABILITY STRATEGIES

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