

1. Record Nr.	UNISA996393341603316
Autore	William, King of England, <1650-1702.>
Titolo	A letter from William King of England [[electronic resource]] : to the States-General of the United Provinces : done out of Dutch
Pubbl/distr/stampa	London, : Printed for R. Baldwin ..., 1689
Descrizione fisica	1 sheet (2 p.)
Soggetti	Broadsides
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Reproduction of original in Huntington Library. Broadside to announce the reign of William and Mary as rulers of England, France and Ireland. Signed at end: High and mighty lords, your high and mightiness's good friend, William Rex.
Sommario/riassunto	eebo-0113

2. Record Nr.	UNINA9910973823803321
Titolo	Attracting science and mathematics Ph.D.s to secondary school education / / Committee on Attracting Science and Mathematics Ph.D.s to Secondary School Teaching, Office of Scientific and Engineering Personnel Advisory Committee, Center for Education
Pubbl/distr/stampa	Washington, DC, : National Academy Press, c2000
ISBN	9786610210060 9780309183581 0309183588 9781280210068 1280210060 9780309563031 0309563038
Edizione	[1st ed.]
Descrizione fisica	1 online resource (175 p.)
Collana	The compass series
Disciplina	507/.1/273
Soggetti	Science teachers - Supply and demand - United States Mathematics teachers - Supply and demand - United States High school teachers - Supply and demand - United States Doctor of philosophy degree
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 64-65).
Nota di contenuto	""ATTRACTING SCIENCE AND MATHEMATICS PH.D.S TO SECONDARY SCHOOL EDUCATION""; ""Copyright""; ""PREFACE""; ""ACKNOWLEDGEMENTS""; ""Contents""; ""Executive Summary""; ""BACKGROUND""; ""SCOPE OF STUDY""; ""METHODS OF STUDY""; ""FINDINGS""; ""Interest in Secondary Teaching""; ""Challenges and Possibilities""; ""GUIDANCE FOR DEMONSTRATION PROGRAMS""; ""ORGANIZATION OF DEMONSTRATION PROGRAMS""; ""PEDAGOGICAL SKILLS AND TEACHING RESOURCES""; ""INCENTIVES""; ""1 Introduction""; ""BACKGROUND""; ""The Need for Qualified Science and Mathematics Teachers""; ""An Untapped Resource"" ""NRC ROLE IN SCIENCE AND MATHEMATICS EDUCATION""""PROJECT ON ATTRACTING PH.D.S TO SECONDARY EDUCATION""; ""Underlying

Assumptions""; ""Problems and Possibilities""; ""Organization of the Project""; ""SCOPE OF THE STUDY""; ""The Charge to the Phase One Committee""; ""Questions to be Answered by the Present Study""; ""METHODS OF STUDY""; ""OVERVIEW OF THE REPORT""; ""2 Will Ph.D.s Consider Careers in Secondary School Science & Mathematics Education?""; ""SURVEY METHODS AND RESPONSE""; ""Survey Methodology and Response""; ""Characteristics of Respondents""; ""CAREER ASPIRATIONS""

""INTEREST IN SECONDARY SCHOOL EDUCATION""""Defining Interest in Secondary School Education""; ""Financial Considerations""; ""ASPECTS OF A PROGRAM TO ATTRACT SCIENCE AND MATHEMATICS PH.D.S TO SECONDARY SCHOOL EDUCATION""; ""INTEREST IN OTHER K-12 EDUCATION POSITIONS""; ""SUMMARY""; ""Level of Interest""; ""Potential Incentives""; ""Other K-12 Positions""; ""3 Perspectives on Ph.D.s in Secondary School Science and Mathematics Education""; ""PH.D.S IN SECONDARY SCHOOL SCIENCE AND MATHEMATICS EDUCATION""; ""WHICH PH.D.S?""; ""PREPARATION FOR TEACHING""

""PRACTICAL ASPECTS OF THE TRANSITION TO THE SECONDARY SCHOOL ENVIRONMENT""""PH.D.S IN THE SECONDARY SCHOOL WORK ENVIRONMENT""; ""4 Discussion""; ""FINDINGS""; ""Interest in Secondary Teaching""; ""Challenges""; ""What is Necessary for Success?""; ""GUIDANCE FOR DEMONSTRATION PROGRAMS""; ""Organization of Demonstration Programs""; ""State Demonstration Programs""; ""Selection of Ph.D.s for Teaching Positions""; ""Role of Postsecondary Institutions""; ""Flexibility in School Placement""; ""Regional Clustering""; ""Evaluation""; ""Pedagogical Skills and Teaching Resources""

""Education Courses and Certification""""Mentoring""; ""Science Teaching Resources""; ""Future Positions for Ph.D.s""; ""Incentives""; ""National Fellowship Program""; ""Peer Networking""; ""Connections with the Larger Scientific Community""; ""REFERENCES""; ""Appendix A Study Methodology""; ""INTRODUCTION""; ""SURVEY OF GRADUATE STUDENTS AND RECENT PH.D.S""; ""Focus Groups""; ""Questionnaire Development""; ""Sampling""; ""Survey Response""; ""INTERVIEWS""; ""Interviews with Ph.D.s""; ""Interviews with Administrators""; ""APPENDIX B Focus Group Summaries""; ""SITES OF FOCUS GROUPS""

""SUMMARY OF FOCUS GROUPS""

Sommario/riassunto

The National Research Council conducted a study to identify a set of incentives that state governments and local school districts can use to attract Ph.D. scientists and mathematicians to secondary school teaching positions. This project investigated the career ambitions of Ph.D.s in the physical and life sciences through focus groups and a national survey to determine the kinds of work conditions and compensation packages that would induce them to take positions teaching physics, chemistry, biology, and various electives in public high schools or positions developing secondary school science and mathematics curricula. The study conducted interviews with Ph.D.s who are already teaching in secondary schools to ascertain information from their experiences, with local school district administrators to assess what they are realistically willing to offer Ph.D. scientists to attract them, and with higher education administrators to explore programmatic changes they would need to institute to provide Ph.D.s with skills tailored to secondary school teaching. These investigations led to this report which describes the incentives local school districts could use in establishing pilot programs in this area.