1. Record Nr. UNINA9910777582903321 **Titolo** Personnel needs and training for biomedical and behavioral research [[electronic resource]]: the 1981 report // Committee on a Study of National Needs for Biomedical and Behavioral Research Personne. Commission on Human Resources, National Research Council Pubbl/distr/stampa Washington,: National Research Council, 1981 Descrizione fisica 1 online resource (185 p.) 616.00720973 Disciplina Soggetti Medical research personnel Medicine - Research - Research grants Psychology - Research Personnel management - Research Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliography: p. 127-133. ""PERSONNEL NEEDS AND TRAINING FOR BIOMEDICAL AND BEHAVIORAL Nota di contenuto RESEARCH""; ""Copyright""; ""PREFACE""; ""ACKNOWLEDGMENTS""; ""Contents""; ""ABBREVIATIONS""; ""EXECUTIVE SUMMARY""; ""Introduction and Summary of Numerical Recommendations, Fiscal Years 1982-1985""; ""Clinical Sciences""; ""Basic Biomedical Sciences""; ""Behavioral Sciences""; ""Health Services Research and Nursing Research""; ""Minorities in the Biomedical and Behavioral Sciences""; ""Recommendations""; ""General""; ""Clinical Sciences""; ""Basic Biomedical Sciences""; ""Behavioral Sciences"" ""Health Services Research and Nursing Research"""Minorities""; ""1. INTRODUCTION AND SUMMARY OF NUMERICAL RECOMMENDATIONS, FISCAL YEARS 1982-1985""; ""OBJECTIVES OF THE 1981 REPORT"": ""STABILIZATION OF RESEARCH TRAINING SUPPORT""; ""TRAINING QUALITY""; ""PROSPECTIVE CHANGES IN RETIREMENT""; ""ESTIMATION OF PERSONNEL NEEDS"": ""TRAINING DATA FOR FY 1979 AND FY 1980 AND RECOMMENDED LEVELS FOR 1982-1985""; ""Estimated Costs""; ""2. CLINICAL SCIENCES""; ""THE TRAINING OF PHYSICIAN

""DETERMINANTS OF CAREER CHOICE""

INVESTIGATORS""; ""Medical School""; ""Residency""; ""Post-Residency"";

```
Research Career Choice""; ""Plans of M.D./Ph.D.'s and Ph.D./M.D.'s"";
""Comparison with Earlier Graduates""; ""Economic
Incentives/Disincentives""; ""Research Careers in Internal Medicine"";
""Discussion""; ""COMPARISON OF TRAINING PROGRAMS""; ""RESEARCH
TRAINING AND RESEARCH CAREER LONGEVITY""; ""RESEARCH
INVOLVEMENT""; ""NON-M.D. SCIENTISTS IN CLINICAL INVESTIGATION"";
""Available Data Sources""; ""Variation by Clinical Specialty""; ""Future
Outlook""
""Need for Additional Information"""THE MARKET FOR CLINICAL
SCIENTISTS""; ""Current Indicators""; ""Projections Through FY 1985"";
""a€œGrayinga€? of the Faculty and Research Productivity"";
""RECOMMENDATIONS""; ""Traineeships and Fellowships""; ""Medical
Scientist Training Program""; ""NOTES""; ""3. BASIC BIOMEDICAL
SCIENCES": ""THE TRAINING OF BASIC BIOMEDICAL SCIENTISTS": ""THE
MARKET FOR BIOMEDICAL SCIENCE PH.D.'S""; ""Current Indicators"";
""Projections Through FY 1985""; ""Basic Biomedical Science Faculty"";
""Commercial Market for Basic Biomedical Scientists""; ""Priority Fields""
""Conclusions""""ASSESSING PH.D. PRODUCTION IN THE BASIC
BIOMEDICAL SCIENCES"": ""POSTDOCTORAL TRAINEES AND ACADEMIC
RESEARCH STAFF""; ""QUALITY IN GRADUATE TRAINING""; ""Case Studies
of the Impact of the Loss of Training Grant Support on Training
Programs""; ""TRAINING ENVIRONMENT""; ""Instrumentation"";
""Facilities""; ""Conclusion""; ""RECOMMENDATIONS""; ""Predoctoral
Training Levels""; ""Postdoctoral Training Levels""; ""Training Grant
Awards""; ""NOTES""; ""4. BEHAVIORAL SCIENCES""; ""THE TRAINING OF
BEHAVIORAL SCIENTISTS""; ""THE MARKET FOR BEHAVIORAL SCIENCE
PH.D.'S""
""Current Indicators""
```

""Career Plans of Medical Students"""Test Scores""; ""Gender""; ""Experiences During Medical School""; ""Debt""; ""Factors Influencing