

Statistical Profiles of Foreign Doctoral Recipients in Science and Engineering:

Plans to Stay in the United States



An SRS Special Report

Division of Science Resources Studies
Directorate for Social, Behavioral and Economic Sciences



National Science Foundation

November 1998

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Jean M. Johnson, Author
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Suggested Citation

National Science Foundation, Division of Science Resources Studies, *Statistical Profiles of Foreign Doctoral Recipients in Science and Engineering: Plans to Stay in the United States*, NSF 99-304, Author, Jean M. Johnson (Arlington, VA , November 1998).

November 1998

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ACKNOWLEDGMENTS

Susan T. Hill, Director of the Doctorate Data Project within the Division of Science Resources Studies (SRS), designed the initial table format for the statistical profiles in Appendix B. The source of the data is the Survey of Earned Doctorates (SED). The SED is conducted annually for NSF and four other Federal agencies. Prior to 1997, it was conducted by the National Research Council (NRC), and since 1997 it has been conducted by the National Opinion Research Corporation (NORC). NRC staff, under the direction of Peter Henderson, used data from the SED to prepare the statistical profiles in Appendix B. Jeanne E. Griffith, Director of SRS and Ron Fecso, Chief Statistician provided overall review and guidance for this report. Jennifer S. Bond, Director of the Science & Engineering Indicators Program, supported the expansion of these profiles to include major countries

of Asia, Europe, and North America; encouraged a summary analysis; and provided review and guidance on this report. NSF/SRS colleagues, including Linda Hardy, Alan Rapaport, Ann Lanier, and Melissa Pollak, reviewed drafts of this report and provided helpful suggestions. Paul W. Jennings of NSF's Division of Graduate Education and Drew Malizio of the National Center for Educational Statistics (NCES) also reviewed a draft of this report and suggested clarifications. Anne Houghton, Publications Manager of SRS with assistance from Julia Harriston and Tanya Gore provided copyediting, processing, final composition, and contracting support for this report. Amy Olenner, Michelle Neil, and Joanna Zito of ESNE provided editing, proofreading, and composition support for this report.

FOREWORD

The international mobility of foreign scientists and engineers and their significant presence in the U.S. labor force often begins with their graduate education at U.S. universities. This report provides detailed statistical profiles of students from several major countries who were doctoral recipients in science and engineering (S&E) at U.S. universities. It also provides information on the initial intent of these foreign doctoral recipients to locate in the United States after graduation.

The National Science Foundation (NSF), Division of Science Resources Studies (SRS), is developing a database on global human resources for science and engineering and has data on doctoral S&E programs for some countries in Asia, Europe, and North America. (See *Human Resources for Science and Technology: The Asian Region* [NSF 93-303] and *Human Resources for Science and Technology: The European Region* [NSF 96-316]). This report provides the U.S. component of

doctoral training of students from these countries. It also supplements coverage of foreign doctoral recipients in the National Science Board's *Science and Engineering Indicators: 1998* and other reports published by SRS, e.g., Issue Brief, "International Mobility of Scientists and Engineers to the United States—Brain Drain or Brain Circulation?"

It is hoped that these statistical profiles will prove useful to policymakers and to the research community and will lead to additional analyses in an area of growing interest.

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November, 1998

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