

Contractor Reports

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Higher Education (NTIS order #PB 88-177 951/AS)

1. "The Apollo Program: Science and Engineering Personnel Demand Created by a Federal Research Mission," Arnold S. Levine
2. "Institutional Productivity: The Undergraduate Origins of Science and Engineering Ph.D.s," Betty D. Maxfield
3. "The History of Engineering Education: Perennial Issues in the Supply and Training of Talent," Steven L. Goldman, Lehigh University

Elementary and Secondary Education (NTIS order #PB 88-177 944/AS)

1. "Images of Science: Factors Affecting the Choice of Science as a Career," Robert E. Fullilove, University of California at Berkeley
2. "Identifying Potential Scientists and Engineers: An Analysis of the High School-College Transition," Valerie E. Lee, University of Michigan

¹Guy R. Neave's report, "Science and Engineering Work Force Policies: Western Europe," is only available through the Science, Education, and Transportation Program office (202) 228-6920.

International Comparisons (NTIS order #PB 88-177 969/AS)

1. "Japan's Science and Engineering Pipeline: Structure, Policies, and Trends," William K. Cummings, Harvard University
2. "Soviet Science and Engineering Education and Work Force Policies: Recent Trends," Harley Balzer, Georgetown University

Funding for Higher Education: Part I (NTIS order #PB 88-177 928/AS)

1. "Federal Funding of Science and Engineering Education: Effect on Output of Scientists and Engineers, 1945 -1985," Betty M. Vetter (Commission on Professionals in Science and Technology) and Henry Hertzfeld (Consultant)
2. "Science in the Steady State: The Changing Research University and Federal Funding," Edward J. Hackett, Rensselaer Polytechnic Institute

Funding for Higher Education: Part II (NTIS order #PB 88-177 936/AS)

1. "Industrial Support of University Training and Research: Implications for Scientific Training in the 'Steady State'," Michael E. Gluck, Harvard University
2. "Financial Assistance, Education Debt and Starting Salaries of Science and Engineering Graduates: Evidence From the 1985 Survey of Recent College Graduates," Applied Systems Institute, Inc., Richard Wabnick (Principal Investigator)