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Two-year colleges are critical to science education. In fact, some data indicate that half of future science teachers will take their first years of science at a two-year school. To address the unique challenges of this special setting, presents 24 articles featuring the most useful and relevant insights and advice from NSTA's *Journal of College Science Teaching*. The intellectual heritage of MIT: an account of "the

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flow of ideas" about science and education that shaped the Institute as it emerged and that inspires it today. The motto on the seal of the Massachusetts Institute of Technology, "Mens et Manus" -- "mind and hand" -- signals the Institute's dedication to what MIT founder William Barton Rogers called "the most earnest cooperation of intelligent culture with industrial pursuits." Mind and Hand traces the ideas about science and education that have shaped MIT and defined its mission -- from the new science of the Enlightenment era and the ideals of representative democracy spurred by the Industrial Revolution to new theories on the nature and role of

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higher education in nineteenth-century America. MIT emerged in mid-century as an experiment in scientific and technical education, with its origins in the tension between these old and new ideas. *Mind and Hand* was undertaken by Julius Stratton after his retirement from the presidency of MIT and continued by Loretta Mannix after his death; Philip N. Alexander, of the MIT Program in Writing and Humanistic Studies, stepped in to complete the project. The combined efforts of these three authors have given us what Julius Stratton envisioned -- "a coherent account of the flow of ideas" from which MIT emerged.

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[Annual Report](#)

[Historic homes and institutions and genealogical and personal memoirs of the Lehigh Valley, Pennsylvania](#)

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[Financial Statement for the Fiscal Year](#)

[Effective Strategies for Educators Worldwide](#)

[New and Revised Astronomy Education Materials](#)

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[Chemical News and Journal of Industrial Science](#)

[Report of the Commissioner of Education, with](#)

[Circulars and Documents Accompanying the Same](#)

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[Report of the Commissioner of Education Made to the Secretary of the Interior for the Year ... with Accompanying Papers](#)

This translation of *A Brief History of Radio Astronomy in the USSR* makes descriptions of the antennas and instrumentation used in the USSR, the astronomical discoveries, as well as interesting personal backgrounds of many of the early key players in Soviet radio astronomy available in the English language for the first time. This book is a collection of memoirs recounting an interesting but largely still dark era of Soviet astronomy. The arrangement of the essays is determined primarily by the

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time when radio astronomy studies began at the institutions involved. These include the Lebedev Physical Institute (FIAN), Gorkii State University and the affiliated Physical-Technical Institute (GIFTI), Moscow State University Sternberg Astronomical institute (GAISH) and Space Research Institute (IKI), the Department of Radio Astronomy of the Main Astronomical Observatory in Pulkovo (GAO), Special Astrophysical Observatory (SAO), Byurakan Astrophysical Observatory (BAO), Crimean Astrophysical Observatory, Academy of Sciences of the Ukraine (SSR), Institute of Radio Physics and Electronics of the USSR Academy of Sciences (IRE),

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Institute of Terrestrial Magnetism, the Ionosphere and Radio-Wave Propagation Institute (IZMIRAN), Siberian Institute of Terrestrial Magnetism, the Ionosphere and Radio-Wave Propagation (SibIZMIRAN), the Radio Astrophysical Observatory of the Latvian Academy of Sciences and Leningrad State University. A Brief History of Radio Astronomy in the USSR is a fascinating source of information on a past era of scientific culture and fields of research including the Soviet SETI activities. Anyone interested in the recent history of science will enjoy reading this volume.

This volume highlights the many places for astronomy in

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the curriculum; relevant education research and 'best practice'; strategies for pre-service and in-service teacher education; the use of the Internet and other technologies; and the role that planetariums, observatories, science centres, and organisations of professional and amateur astronomers can play. It concludes by addressing how the teaching and learning of astronomy can be improved world-wide. This valuable overview is based on papers and posters presented by experts at a Special Session of the International Astronomical Union.

[The 1984 Guide to the Evaluation of Educational Experiences in the Armed Services](#)

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[Teaching Science in the Two-year College](#)

[Report of the United States Civil Service Commission](#)

[Ladies in the Laboratory? American and British Women in Science, 1800-1900](#)

[Forty Years of Astronomy in the USSR, 1917-1957: Text-v.2. Bibliography](#)

[Circular of Information of the Bureau of Education, for A Philosophy of Criminal Attempts](#)

[Report of the Federal Security Agency](#)

[University of Michigan Official Publication](#)

[Statistics of Mines and Mining in the States and Territories](#)

[West of the Rocky Mountains](#)

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Extends and adapts G. E. M. Anscombe's philosophy to reveal attempting as a subjective species of intentional action. Locates criminal attempts therein.

Teaching Science in the Two-year College
NSTA Press

Mind and Hand

Chemistry Between the Stars

Being the [1st-8th] Annual Report of Rossiter

W. Raymond, U.S. Commissioner of Mining

Statistics

A Collection of Scientific Essays

Proceedings of the Board of Regents

A Brief History of Radio Astronomy in the USSR

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Regents' Proceedings

14th Congress, 1st Session-48th Congress, 2nd Session and Special Session

Announcement

General Register

Announcements for the following year included in some vols.

New Scientist magazine was launched in 1956 "for all those men and women who are interested in scientific discovery, and in its industrial, commercial and social consequences". The brand's mission is no different today - for its consumers, New

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Scientist reports, explores and interprets the results of human endeavour set in the context of society and culture.

[New Scientist](#)

[The President's Report to the Board of Regents for the Academic Year ...](#)

[The Chemical News and Journal of Physical Science](#)

[Teaching and Learning Astronomy](#)

[The 1980 Guide to the Evaluation of Educational Experiences in the Armed Services: Army](#)

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[History of Higher Education in Rhode Island](#)

[The Birth of MIT](#)

[A Curriculum Project of the American Astronomical Society](#)

[Industrial Education in the United States](#)

A systematic survey and comparison of the work of 19th-century American and British women in scientific research, this book covers the two countries in which women of the period were most active in scientific work and examines all the fields in which they were engaged. Fourth, 1886/87, contains the Civil-Service law, rules and regulations.

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[NASA EP.](#)

[United States Congressional Serial Set
Senate Documents, Otherwise Publ. as Public
Documents and Executive Documents](#)

[Office of Education](#)

[A Survey of Their Contributions to Research
Contributions to American Educational History](#)

[Occasional Papers](#)

[1973: January-June](#)