

Preliminary Inventory to the Records of the Secondary Technical Education Project AC.0117

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Summary Information

Repository	Massachusetts Institute of Technology. Institute Archives and Special Collections
Creator	Secondary Technical Education Project
Title	Secondary Technical Education Project records
Date [inclusive]	1975-1988
Extent	26.3 cubic feet (26 record cartons, 1 manuscript box)
Language	English

Citation

Secondary Technical Education Project Records, AC 117, box X. Massachusetts Institute of Technology, Institute Archives and Special Collections, Cambridge, Massachusetts.

Historical note

The Secondary Technical Education Project (STEP) was established at the Massachusetts Institute of Technology in 1975 as the Institute's effort to participate in the Phase II desegregation program for the Boston Public Schools. In 1976 MIT, in partnership with the Wentworth Institute of Technology and the Massachusetts Port Authority, helped establish the Mario Umana Harbor School of Science and Technology, a magnet school for grades 7-12 that provided a technical education to students from all parts of Boston. Several dozen members of the MIT community, including faculty, administrators, staff, and scientists, acted as advisors in the program.

Between 1975 and 1982, STEP was part of the Division for Study and Research in Education at MIT; when the division closed in 1982 it became an ad hoc program administered through the president's office. Dr. Stanley Russell directed STEP between 1975 and 1980.

Scope and Contents of the Collection

The collection documents the Massachusetts Institute of Technology's involvement in curriculum planning, staff development, the acquisition of specialized equipment, and the renovation of facilities at the Mario Umana Harbor School in Boston. Included are meeting minutes of the Steering Committee, Advisory Board correspondence and memoranda, project proposals, evaluation reports, personnel files of consultants and tutors in the project, information about the Massachusetts Pre-Engineering Program for Minority Students, and correspondence between Stanley Russell and the Boston School Committee.

Administrative Information

Publication Information

Massachusetts Institute of Technology. Institute Archives and Special Collections

Revision Description

2011

Access note

The collection is open for research; however, in accordance with MIT policy, there may be restrictions on access to some of the records.

Intellectual Property Rights

Access to collections in the Institute Archives and Special Collections is not authorization to publish. Separate written application for permission to publish must be made to the Institute Archives. Copyright of some items in this collection may be held by respective creators, not by the creating office.

Controlled Access Headings

Corporate Name(s)

- Boston (Mass.) School Committee
- Massachusetts Pre-Engineering Program for Minority Students
- Secondary Technical Education Project

Personal Name(s)

- Russell, Stanley

Subject(s)

- Massachusetts Institute of Technology--History

Collection Inventory

	Box
Ad Hoc Advisory Committee - Minutes and Agendas 1976-1979	1
Ad Hoc Committee on Boston Desegregation 1975	1
Air Force Junior Reserve Officers Training Corps (ROTC)	1
Area Development Team - Computer Curriculum Committee 1973-1976	1
Area Development Team - Electronics Area Development Team 1977-1980	1
Area Development Team - Environmental Protection, General Information	1
Area Development Team - Environmental Protection Panel, Records of Meetings	1
Area Development Team - Medical Technology, General	1
Area Development Team - Medical Technology Planning Group	1
Area Development Team - Medical Technology Planning Group, Minutes and Memos 1979-1980	1
Area Development Team - Science Advisory Group, General Information	1
Area Development Team - Science Advisory Group, Minutes and Memos 1979	1
Area Development Team Panels - Records of Meetings 1977-1978	1
College Coordinators - Memoranda and Minutes 1975-1979	1
Area Development Team - Math Advisory Group	1
College Coordinators - Memoranda and Minutes 1975-1979	1
College Coordinators - Winter Conference 1976	1
College Coordinators - Conference 1977 January	1

Contract - Boston School Committee and Heuristics, Inc. 1977	1
Contract and Service Proposal - City of Boston 1977-1978	1
Curricula - Abstracts from the Preliminary Curricula	1
Curricula - Preliminary Curriculum in Aviation Science	1
Curricula - Preliminary Curriculum in Communication	1
Curricula - Preliminary Curriculum in Computer Science	1
Curricula - Preliminary Curriculum in Electronics	1
Curricula - Preliminary Curriculum in Environmental Sciences	1
Curricula - Preliminary Curricular Units in Social Science	1
Curricula - Preliminary Medical Technology Curriculum	1
Curriculum Vitae	2
Draper Lab Proposal 1976-1977	2
East Boston Technical High School (EBTHS) - General Advisory Committee 1976	2
Equipment - Computer hardware from Control Data Corporation	2
Equipment - Surplus from Lincoln Lab	2
Equipment bids - Computer technology equipment	2
Equipment and facilities renovation - Correspondence 1976-1977	2
Equipment and facilities renovation - Field reports 1977-1978	2
Equipment and facilities renovation - Records of meetings 1976-1977	2
Equipment requests - Closed circuit television 1976-1980	2
Evaluation - Correspondence with Heuristics, Inc. 1977	2
Evaluation - Records of meetings 1977	2

Evaluation contract selection process 1977-1978	2
Evaluation report by K.C. Cohen 1976	2
Evaluation report by Heuristics, Inc. 1976-1978	2
Evaluator - Training/Development/Research Association (TDR) 1978-1979	2
Evaluator selection - Proposals submitted 1977-1978	2
Evaluator selection 1978-1979	2
General correspondence and memoranda 1975-1978	2
Interim report 1977	3
Interim report 1978	3
Mario Umana Faculty 1977-1979	3
Mario Umana Library 1977	3
Mario Umana Math Achievement Test 1978	3
Mario Umana Science Fair 1976	3
MIT - Consultant agreement (Reading Is Yours to Keep, Inc.) 1977-1978	3
MIT - Logo group	3
MIT - Mario Umana tutorial program 1981	3
MIT - Open house 1976	3
MIT/STEP Interns 1976 Summer	3
MIT/Wellesley Upward Bound - Tutoring program 1975-1981	3
Microprocessing Group, Minutes and correspondence 1976	3
Minorities in engineering - General information	3
Minorities in engineering - General information	3

Minorities in Engineering Workshop 1976	3
Project proposals - #77-95-383 1976 June	3
Project proposals - #78-95-0383 1977 June	3
Project proposals - #78-95-0383 1977 June	3
Project proposals - #79- 1978 May	3
Project proposals - #79-95-0383 1979 June	3
Project Report on Services Provided by MIT... to Boston School Committee 1976 December 31	3
Proposal for Improved Instruction and Student Assignment - Mario Umana 1980	3
Report on Services Provided to Boston School Committee	3
Report on Staff Development for Vocational Education Teachers	3
Steering Committee - Minutes and agendas 1975-1979	3
Student assignment/enrollment - Umana School	3
Student assignment/enrollment - Boston Public Schools	3
US District Court - Desegregation Plan 1975-1977	4
Visits to Schools	4
Reports and papers: "A Plan for the Voluntary Elimination of Racial and Ethnic Isolation," US Department of HEW 1974	4
Reports and papers: "The Classroom As a Learning Environment for Adults," Eva Kerr 1977	4
Reports and papers: "Computers and People," Seymour Papert, MIT 1977	4
Reports and papers: "Magnet Schools in Boston" 1976-1978	4
Reports and papers: "The Promise/the Problems: Looking Ahead at the Mario Umana Harbor School of Science and Technology"	4

Reports and papers: "Reading Content for Today's Children: Some New Possibilities,"
Gregory Coffin 1979 4

Reports and papers: "Unified Plan for Occupational and Vocational Education in the City of
Boston" 1975 4

Reports and papers: "University Partnerships in Boston," Massachusetts Department of
Education 1979 4

Appointment of S. Russell as Director of STEP 4

Access note

Restricted for 75 years.

Evaluation: Remedial Math (Alan Natapoff) 4

Access note

Restricted for 75 years.

Staffing of East Boston Technical School 4

Access note

Restricted for 75 years.

Critique of "The Classroom As a Learning Environment for Adults," Eva Kerr 1977 4

Access note

Restricted for 75 years.

Ad Hoc Advisory Committee on Secondary Technical Education Project (STEP) 1979-1980 5

Ad Hoc Advisory Board - Background 1975-1977 5

Ad Hoc Advisory Board - Correspondence and memoranda 1975-1977 5

Ad Hoc Advisory Board - Membership lists 1976-1977	5
Ad Hoc Advisory Board - Minutes 1976-1978	5
Ad Hoc Advisory Committee - Notes 1977-1978	5
Ad Hoc Advisory Committee - Minutes 1978-1979	5
Ad Hoc Advisory Committee for STEP 1978	5
Alpha Tau Omega Fraternity 1980	5
Building 20 Exhibit 1980 February 20 to June 13	5
Community Service Fund 1976	5
Computer Planning Group: Minutes, etc. 1975-1980	5
Correspondence 1979	5
Correspondence 1981-1982	5
Correspondence - MIT President's Office 1976-1977	5
Division for Study and Research in Education 1976-1979	5
Draper Laboratory Proposal 1976 July 27	5
Driscoll, Stephen R.: <i>The Reemphatic Curriculum</i> 1978 March	5
Evaluation: Training, Research, Evaluation, and Development (TREAD) 1979-1980	5
Exploration School, Inc. - Brandeis University 1977-1978	5
Exploration: MIT Summer Program 1976	5
Explorer: Exploration Newsletter 1978 June	5
Field trips 1982 May	5
Ford Account 25541 1981	5
General inquiries/resumes 1976-1980	5

Human relations 1975-1976	5
Independant Activities Period 1979	5
Interim Report STEP 1976 March 12	5
Job Classification 1975-1979	5
Lilly Endowment, Inc. (Dean Evans) 1978	5
STEP Report Recipients undated	5
MASSPEP - Advisory Council Meeting 1979-1980	5
MASSPEP - Education Committee 1979	5
MASSPEP - General 1977-1980	5
MASSPEP - General Electric Summer Program 1979	5
MASSPEP - Schools Information 1979-1980	5
MASSPEP - Summer Program 1979	5
Medical meetings 1980-1981	5
Meetings between Stanley Russell, Barbara Nelson, and Walter Milne 1977-1978	5
Memoranda - Incoming 1979	6
Memoranda - Outgoing 1979, 1980	6
Suspense Accounting/Xeroxing 1983?	6
MIT: Committee on the Institute (Tech Talk supplement) 1977-1978	6
MIT/UMANA - Staff Development for Vocational Education Teachers undated	6
MIT: University Film Study Center 1978	6
North Carolina School of Science and Mathematics 1982	6
Parent Council Masters undated	6

Preliminary Curriculum in Electronics undated	6
Preliminary Curriculum in Environmental Sciences undated	6
Preliminary Medical Technology Curriculum undated	6
Project Proposals 1976-1979	6
Project SEED 1978	6
Quotes from Articles (W. Milne, P. Ingenieri) 1975	6
"Report" undated	6
Staff Development for Vocational Education at Umana 1979	6
Steering Committee: Minutes and agendas 1979-1980	6
STEP News 1981 January	6
STEP - Math 1981-1982	6
STEP - Narrative, Curriculum, and Evaluation - 1976 originals 1976	6
Technical Curriculum Research and Development Project - John McWane (Junior High Vocational Education) 1979	6
MIT: Registry of Guests 1976	6
Shakespeare Ensemble 1980	6
Tour Guides - 8, 9 December, Historical Collections, 1980 1980	6
Umana - Evaluation Report #1 - Karen C. Cohen, Ph.D. 1976 October 31	6
Stanley Russell: Photograph of/at Mario Umana School 1978	6
Umana Personnel 1980-1981	6
Urban League of Eastern Massachusetts 1978	6
Visitation Sites 1980-1982	6
Wentworth: General (correspondence, information) 1976-1981	6

Wentworth 1976-1979	6
Wellesley College - Discovery in Math, Alice T. Schafer undated	6
Consultants - General information/correspondence, etc. 1978	6
Consultants - Contracts 1976	6
Tutors 1981-1982	6
Tutors - Appeal 1977-1980	6
Tutors - New Applications 1982	6
Tutors - Applications 1981	6
Tutors - Correspondence 1976-1979	6
Tutors - General (memoranda, job descriptions, etc.) 1976-1977	6
Tutors - General (memoranda, job descriptions, etc.) 1977-1978	6
Tutors - General (memoranda, job descriptions, etc.) 1978-1979	6
Tutors - Grievance 1978-1980	7
Tutors - Letters 1981-1982	7
Tutors - Miscellaneous 1981, undated	7
Tutors - MIT Term Papers 1976-1977	7
Tutors - Resumes 1975-1981	7
Tutors - Tutor review/transcription 1982 January 19	7
Tutors - Tutorial Sessions 1981	7
Tutors - Mailing list 1981-1982, undated	7
Tutors - Work/study eligibility 1978	7
Consultant and tutor personnel files, A-Y 1978	7

STEP Director's Files (Stanley Russell) 1976-1981	8-13
STEP Director's Files (Robert Hayden) 1980-1983	14-16
STEP Director's Files (Alan Dyson) 1983-1988	17-27