

# SECURITIES AND EXCHANGE COMMISSION

## FORM 13F-HR

Initial quarterly Form 13F holdings report filed by institutional managers

Filing Date: **2005-05-02** | Period of Report: **2005-03-31**  
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### FILER

#### MASSACHUSETTS INSTITUTE OF TECHNOLOGY

CIK: **351051** | IRS No.: **042103594** | State of Incorporation: **MA** | Fiscal Year End: **0630**  
Type: **13F-HR** | Act: **34** | File No.: **028-01002** | Film No.: **05788646**

#### Mailing Address

238 MAIN STREET SUITE 200  
CAMBRIDGE MA 021421012

#### Business Address

238 MAIN STREET SUITE 200  
CAMBRIDGE MA 021421012  
6172533333

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

Form 13F

Form 13F Cover Page

Report for the quarter ended: March 31, 2005

Investment Manager Filing this Report:

Name: Massachusetts Institute of Technology  
Address: 238 Main Street, Suite 200  
Cambridge, MA 02142-1012

13F File Number: 28-1002

The institutional investment manager filing this report and the person by whom it is signed hereby represent that the person signing the report is authorized to submit it, that all information contained herein is true, correct and complete, and that it is understood that all required items, statements, schedules, lists, and tables, are considered integral parts of this form.

Person signing this Report on Behalf of Reporting Manager:

Name: Allan S. Bufferd  
Title: Treasurer  
Phone: 617-253-3333  
Signature, Place and Date of Signing:

Allan S. Bufferd Cambridge, Massachusetts May 2, 2005

Report Type: 13F Holdings Report

List of Other Managers Reporting for this Manager: None

I AM SIGNING THIS REPORTS AS REQUIRED BY THE SECURITIES EXCHANGE ACT OF 1934.

FORM 13F SUMMARY PAGE

Report Summary:

Number of Other Included Managers: 0

Form 13F Information Table Entry Total: 55

Form 13F Information Table Value Total: 55,893,598

List of Other Included Managers: NONE

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AMERICAN INTL GROUP INC	,COM	,026874107	,678773	,12250	,SH	,	,SOLE	,	,12250	,
AMERICAN SUPERCONDUCTOR CORP	,COM	,030111108	,768031	,76957	,SH	,	,SOLE	,	,76957	,
ARGONAUT TECHNOLOGIES INC	,COM	,040175101	,25999	,29212	,SH	,	,SOLE	,	,29212	,
AUTOMATIC DATA PROCESSING INC	,COM	,053015103	,593340	,13200	,SH	,	,SOLE	,	,13200	,
BANK AMER CORP	,COM	,060505104	,273420	,6200	,SH	,	,SOLE	,	,6200	,
BRISTOL MYERS SQUIBB CO	,COM	,110122108	,280060	,11000	,SH	,	,SOLE	,	,11000	,
CHEVRONTEXACO CORP	,COM	,166764100	,559776	,9600	,SH	,	,SOLE	,	,9600	,
CIENA CORP	,COM	,171779101	,366166	,212887	,SH	,	,SOLE	,	,212887	,
CINERGY CORP	,COM	,172474108	,451798	,11150	,SH	,	,SOLE	,	,11150	,
CISCO SYS INC	,COM	,17275R102	,412365	,23050	,SH	,	,SOLE	,	,23050	,
CITIGROUP INC	,COM	,172967101	,913001	,20316	,SH	,	,SOLE	,	,20316	,
COCA COLA CO	,COM	,191216100	,292732	,7025	,SH	,	,SOLE	,	,7025	,
COMCAST CORP NEW	,COM	,20030N200	,210420	,6300	,SH	,	,SOLE	,	,6300	,
CSX CORP	,COM	,126408103	,408170	,9800	,SH	,	,SOLE	,	,9800	,
CVS CORP	,COM	,126650100	,285464	,5425	,SH	,	,SOLE	,	,5425	,
DELL INC	,COM	,24702R101	,315044	,8200	,SH	,	,SOLE	,	,8200	,

DU PONT E I DE NEMOURS + CO	,COM	,263534109	,348432	,6800	,SH	,SOLE	,6800	,
EMERSON ELEC CO	,COM	,291011104	,493468	,7600	,SH	,SOLE	,7600	,
EXACT SCIENCES CORP	,COM	,30063P105	,360142	,100880	,SH	,SOLE	,100880	,
EXXON MOBIL CORP	,COM	,30231G102	,784038	,13155	,SH	,SOLE	,13155	,
GANNETT INC	,COM	,364730101	,470526	,5950	,SH	,SOLE	,5950	,
GENERAL ELEC CO	,COM	,369604103	,1004271	,27850	,SH	,SOLE	,27850	,
GENERAL MLS INC	,COM	,370334104	,332991	,6775	,SH	,SOLE	,6775	,
GILLETTE CO	,COM	,375766102	,575472	,11400	,SH	,SOLE	,11400	,
GOLDEN WEST FINL CORP DEL	,COM	,381317106	,484000	,8000	,SH	,SOLE	,8000	,
GOOGLE INC	,COM	,38259P508	,27807385	,154049	,SH	,SOLE	,154049	,
HALLIBURTON CO	,COM	,406216101	,314644	,7275	,SH	,SOLE	,7275	,
INGERSOLL RAND COMPANY LIMITED	,COM	,G4776G101	,455996	,5725	,SH	,SOLE	,5725	,
INTEL CORP	,COM	,458140100	,429871	,18505	,SH	,SOLE	,18505	,
INTERNATIONAL BUSINESS MACHS	,COM	,459200101	,772161	,8450	,SH	,SOLE	,8450	,
INTERNATIONAL PAPER CO	,COM	,460146103	,228098	,6200	,SH	,SOLE	,6200	,
IPASS INC	,COM	,46261V108	,1500502	,245180	,SH	,SOLE	,245180	,
JOHNSON + JOHNSON	,COM	,478160104	,799204	,11900	,SH	,SOLE	,11900	,
KIMBERLY CLARK CORP	,COM	,494368103	,208035	,3165	,SH	,SOLE	,3165	,
LOWES COS INC	,COM	,548661107	,473847	,8300	,SH	,SOLE	,8300	,
MARATHON OIL CORP	,COM	,565849106	,242811	,5175	,SH	,SOLE	,5175	,
MEDTRONIC INC	,COM	,585055106	,351555	,6900	,SH	,SOLE	,6900	,
MICROSOFT CORP	,COM	,594918104	,821780	,34000	,SH	,SOLE	,34000	,
NEUROMETRIX INC	,COM	,641255104	,2920466	,305808	,SH	,SOLE	,305808	,
PEPSICO INC	,COM	,713448108	,714579	,13475	,SH	,SOLE	,13475	,
PROCTER AND GAMBLE CO	,COM	,742718109	,381600	,7200	,SH	,SOLE	,7200	,
SBC COMMUNICATIONS INC	,COM	,78387G103	,329291	,13900	,SH	,SOLE	,13900	,
SCHLUMBERGER LTD	,COM	,806857108	,345352	,4900	,SH	,SOLE	,4900	,
SCRIPPS E W CO OH	,COM	,811054204	,271781	,5575	,SH	,SOLE	,5575	,
SPRINT CORP	,COM	,852061100	,455000	,20000	,SH	,SOLE	,20000	,
STATE STREET CORPORATION	,COM	,857477103	,619512	,14170	,SH	,SOLE	,14170	,
TEXAS INSTRS INC	,COM	,882508104	,274018	,10750	,SH	,SOLE	,10750	,
TEXTRON INC	,COM	,883203101	,596960	,8000	,SH	,SOLE	,8000	,
TIME WARNER INC NEW	,COM	,887317105	,533520	,30400	,SH	,SOLE	,30400	,
UNITED TECHNOLOGIES CORP	,COM	,913017109	,246526	,2425	,SH	,SOLE	,2425	,
VOLTERRA SEMICONDUCTOR CORP	,COM	,928708106	,270675	,20050	,SH	,SOLE	,20050	,
WAL MART STORES INC	,COM	,931142103	,392111	,7825	,SH	,SOLE	,7825	,
WEB MD CORP	,COM	,94769M105	,783318	,92155	,SH	,SOLE	,92155	,
WYETH	,COM	,983024100	,630591	,14950	,SH	,SOLE	,14950	,
ZANETT INC	,COM	,98906R109	,34510	,10000	,SH	,SOLE	,10000	,

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