BlackRock Health Sciences Trust Form 4

October 19, 2015

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

Check this box

if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

FLYNN JAMES T

(Last)

1.Title of

Security

(Instr. 3)

(First) (Middle)

55 EAST 52ND STREET

(Street)

NEW YORK, NY 10055

2. Issuer Name and Ticker or Trading

Symbol

BlackRock Health Sciences Trust [BME]

3. Date of Earliest Transaction (Month/Day/Year)

10/15/2015

4. If Amendment, Date Original

Filed(Month/Day/Year)

OMB APPROVAL

OMB Number:

3235-0287

Expires:

January 31, 2005

Estimated average burden hours per

response...

0.5

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

X_ Director 10% Owner Other (specify Officer (give title

below)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

5. Amount of

(City) (State) (Zip)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8)

(Instr. 3, 4 and 5)

Code V Amount (D) Price

(A)

or

Owned Following Reported Transaction(s) (Instr. 3 and 4)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

Securities Form: Direct Beneficially (I) (Instr. 4)

6. Ownership 7. Nature of Indirect (D) or Indirect Beneficial Ownership (Instr. 4)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of 3. Transaction Date 3A. Deemed 5. Number of 6. Date Exercisable and 7. Title and Amount of Conversion TransactionDerivative Derivative (Month/Day/Year) Execution Date, if **Expiration Date Underlying Securities** or Exercise Code (Month/Day/Year) (Instr. 3 and 4) Security Securities any

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr.	8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Performance Rights (1)	<u>(2)</u>	10/15/2015		A		127.09		(3)	<u>(3)</u>	Common Stock	127.09

Reporting Owners

Reporting Owner Name / Address	Relationships							
Reporting Owner Name / Address	Director	10% Owner	Officer	Other				
FLYNN JAMES T								
55 EAST 52ND STREET	X							
NEW YORK, NY 10055								

Signatures

/s/ Eugene Drozdetski as Attorney-in-Fact

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations, See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) The Performance Rights were accrued under the BlackRock Deferred Compensation Plan.
- (2) One Performance Right is convertible into the cash value of one share of BlackRock Health Sciences Trust.
- (3) The Performance Rights are to be settled 100% in cash at the deferral period chosen by the reporting person.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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