

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person* <u>LANE WENDY E</u>			2. Issuer Name and Ticker or Trading Symbol <u>LABORATORY CORP OF AMERICA HOLDINGS [ LH ]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>04/23/2010</u>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person		
531 SOUTH SPRING STREET			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street) BURLINGTON NC 27215								
(City) (State) (Zip)								

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	04/23/2010		M		1,268	A	\$30.36	13,212 <sup>(1)</sup>	D	
Common Stock	04/23/2010		M		992	A	\$38.8	14,204 <sup>(1)</sup>	D	
Common Stock	04/23/2010		M		948	A	\$34.25	15,152 <sup>(1)</sup>	D	
Common Stock	04/23/2010		M		771	A	\$49.93	15,923 <sup>(1)</sup>	D	
Common Stock	04/23/2010		M		676	A	\$48.02	16,599 <sup>(1)</sup>	D	
Common Stock	04/23/2010		S		268	D	\$79.944	16,331 <sup>(1)</sup>	D	
Common Stock	04/23/2010		S		300	D	\$79.92	16,031 <sup>(1)</sup>	D	
Common Stock	04/23/2010		S		376	D	\$79.924	15,655 <sup>(1)</sup>	D	
Common Stock	04/23/2010		S		400	D	\$79.89	15,255 <sup>(1)</sup>	D	
Common Stock	04/23/2010		S		548	D	\$79.894	14,707 <sup>(1)</sup>	D	
Common Stock	04/23/2010		S		771	D	\$79.93	13,936 <sup>(1)</sup>	D	
Common Stock	04/23/2010		S		992	D	\$79.91	12,944 <sup>(1)</sup>	D	
Common Stock	04/23/2010		S		1,000	D	\$79.943	11,944 <sup>(1)</sup>	D	
Common Stock								400	I	By trust for children

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Non-qualified Stock Options <sup>(2)</sup>	\$34.25	04/23/2010		M			948	05/24/2002 <sup>(3)</sup>	05/24/2011	Common Stock	948	\$34.25	948	D	
Non-qualified Stock Options <sup>(2)</sup>	\$48.02	04/23/2010		M			676	05/15/2003 <sup>(3)</sup>	05/15/2012	Common Stock	676	\$48.02	677	D	
Non-qualified Stock Options <sup>(2)</sup>	\$30.36	04/23/2010		M			1,268	05/14/2004 <sup>(3)</sup>	05/14/2013	Common Stock	1,268	\$30.36	1,268	D	

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Non-qualified Stock Options <sup>(2)</sup>	\$38.8	04/23/2010		M			992	05/12/2005 <sup>(3)</sup>	05/12/2014	Common Stock	992	\$38.8	992	D	
Non-qualified Stock Options <sup>(2)</sup>	\$49.93	04/23/2010		M			771	05/18/2006 <sup>(3)</sup>	05/18/2015	Common Stock	771	\$49.93	771	D	

**Explanation of Responses:**

- Amount shown reflects a 2-for-1 stock split effective on May 10, 2002.
- Common stock purchase option granted under the Laboratory Corporation of America Holdings 2000 Stock Incentive Plan.
- The option vests in three equal annual installments beginning on the date reflected in this column.

**Remarks:**

/s/ F. Samuel Eberts III                      04/27/2010

\*\* Signature of Reporting Person                      Date

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

\* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.