

**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

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

(Print or Type Responses)

1. Name and Address of Reporting Person * <b>FISCHETTE CHRISTINE</b>  (Last) (First) (Middle) <b>C/O ENZO BIOCHEM, INC, 520 MADISON AVENUE</b>  (Street)  <b>NEW YORK, NY 10022</b>  (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <b>01/03/2008</b>	3. Issuer Name and Ticker or Trading Symbol <b>ENZO BIOCHEM INC [ENZ]</b>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) <b>President, Enzo Therapeutics</b>	
		5. If Amendment, Date Original Filed (Month/Day/Year)	
6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person			

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4) <b>Restricted Stock (1)</b>	2. Amount of Securities Beneficially Owned (Instr. 4) <b>0 (2)</b>	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) <b>D</b>	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

**Reporting Owners**

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
FISCHETTE CHRISTINE C/O ENZO BIOCHEM, INC 520 MADISON AVENUE NEW YORK, NY 10022			President, Enzo Therapeutics	

**Signatures**

/s/ Dr. Christine Fischette	01/14/2008
<small>*Signature of Reporting Person</small>	<small>Date</small>

**Explanation of Responses:**

\* If the form is filed by more than one reporting person, see Instruction 5(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) On January 3, 2008, the Reporting Person was granted 8,500 shares of restricted common stock, par value \$.01 (the "Restricted Stock") as compensation for serving as an officer of the Issuer. The Restricted Stock is subject to a three-year vesting period, subject to acceleration in certain circumstances.
- (2) None of the shares of Restricted Stock are deemed to be beneficially owned by the Reporting Person as of the date hereof because none of the shares of Restricted Stock will vest within the next 60 days.

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.