

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

1. Name and Address of Reporting Person* CARLSON MARILYN R. _____ (Last) (First) (Middle) C/O EVOKE PHARMA, INC. 505 LOMAS SANTA FE DRIVE, SUITE 270 _____ (Street) SOLANA CA 92075 _____ (City) (State) (Zip)			2. Issuer Name and Ticker or Trading Symbol Evoke Pharma Inc [EVOK]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) Chief Medical Officer		
			3. Date of Earliest Transaction (Month/Day/Year) 02/05/2016					
			4. If Amendment, Date of Original Filed (Month/Day/Year)			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		

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			

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
Stock Option (Right to Buy)	\$8.67	02/05/2016		D		100,000		(1)	12/01/2023	Common Stock	100,000	(2)	0	D	
Stock Option (Right to Buy)	\$6.22	02/05/2016		D		45,000		(3)	03/05/2025	Common Stock	45,000	(4)	0	D	
Stock Option (Right to Buy)	\$3.04	02/05/2016		A		75,000		(5)	12/01/2023	Common Stock	75,000	\$0.00	75,000	D	
Stock Option (Right to Buy)	\$3.04	02/05/2016		A		33,750		(5)	03/05/2025	Common Stock	33,750	\$0.00	33,750	D	

Explanation of Responses:

- 25% of the total number of shares of common stock subject to the option vested on December 1, 2014, and the remainder will vest in 36 equal monthly installments thereafter, subject to the reporting person's continued service to the Issuer through each such vesting date.
- On February 5, 2016, the Issuer canceled an option granted on December 2, 2013. In exchange for the canceled option, the reporting person received 75,000 options to purchase common stock.
- The total number of shares of common stock subject to the option vests in 48 equal monthly installments over the four-year period beginning on January 1, 2015, subject to the reporting person's continued service to the Issuer through each such vesting date.
- On February 5, 2016, the Issuer canceled an option granted on March 6, 2015. In exchange for the canceled option, the reporting person received 33,750 options to purchase common stock.
- The total number of shares of common stock subject to the option vests in 36 equal monthly installments over the three-year period beginning on January 1, 2016, subject to the reporting person's continued service to the Issuer through each such vesting date.

Remarks:

/s/ Matthew J. D'Onofrio,
Attorney-in-fact for Marilyn R. Carlson 02/05/2016

** 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.