FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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

DEMSKI MARTHA J	Date of Event equiring Stater Month/Day/Yea 4/10/2013	nent	3. Issuer Name and Ticker or Trac CHIMERIX INC [CMR					
(Last) (First) (Middle) C/O CHIMERIX, INC.			Relationship of Reporting Perso (Check all applicable) X Director	on(s) to Issuer		5. If Amendment, Date of Original Filed (Month/Day/Year)		
2505 MERIDIAN PKY, SUITE 340			Officer (give title below)	Other (specify below)		6. Individual or Joint/Group Filing (Check Applicable Line)		
(Street)								One Reporting Person
DURHAM NC 27713						Reporti		More than One erson
(City) (State) (Zip)								
Table I - Non-Derivative Securities Beneficially Owned								
1. Title of Security (Instr. 4)			Amount of Securities eneficially Owned (Instr. 4)			4. Nature of Indirect Beneficial Ownership (Instr. 5)		
Common Stock			3,697	D				
Common Stock			11,091	I	I By the 10/01		ue Martha J. Demski Trust u/a 1/94	
Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)								
1. Title of Derivative Security (Instr. 4) 2. Date Expirat (Month			3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Convers	cise Form:	Ownership Form:	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Price of Derivati Security	ative or Indirect		
Stock Option (Right to Buy)	(1)	06/25/2018	Common Stock	21,126	1.53	3 D		
Stock Option (Right to Buy)	(2)	05/04/2019	Common Stock	4,225	1.57	7 D		
Stock Option (Right to Buy)	(3)	08/11/2020	Common Stock	14,084	3.16	6 D		
Stock Option (Right to Buy)	(4)	04/06/2021	Common Stock	7,042	2.35	5 D		

Explanation of Responses:

- $1.\ The\ shares\ vest\ in\ 48\ equal\ monthly\ installments\ commencing\ on\ July\ 26,\ 2008.$
- $2. \ The \ shares \ vest \ in \ 48 \ equal \ monthly \ installments \ commencing \ on \ June \ 5, \ 2009.$
- 3. 1/4th of the shares vest on August 12, 2011; the remainder of the shares vest in equal monthly installments thereafter over the next three years.
- 4. 1/4th of the shares vest on April 7, 2012; the remainder of the shares vest in equal monthly installments thereafter over the next three years.

<u>/s/ Martha J. Demski</u> <u>04/10/2013</u>

** 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 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).

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.

POWER OF ATTORNEY

Know all by these presents, that the undersigned hereby constitutes and appoints each of Timothy W. Trost, C.P.A. and Michael Alrutz of Chimerix, Inc. (the "Company"), signing individually, the undersigned's true and lawful attorney-in fact and agent to:

- (1) execute for and on behalf of the undersigned, an officer, director or holder of 10% of more of a registered class of securities of the Company, Forms 3, 4 and 5 in accordance with Section 16(a) of the Securities Exchange Act of 1934, as amended (the "Exchange Act") and the rules thereunder:
- (2) do and perform any and all acts for and on behalf of the undersigned that may be necessary or desirable to complete and execute such Form 3, 4 or 5, complete and execute any amendment or amendments thereto, and timely file such forms or amendments with the United States Securities and Exchange Commission and any stock exchange or similar authority; and
- (3) take any other action of any nature whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorney-in-fact, in serving in such capacity at the request of the undersigned, is not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Exchange Act.

This Power of Attorney shall remain in full force and effect until the earliest to occur of (a) the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, (b) revocation by the undersigned in a signed writing delivered to the foregoing attorney-in-fact or (c) until such attorney-in-fact shall no longer be employed by the Company.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 10th day of April, 2013.

/s/ Martha J. Demski Martha J. Demski