

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

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

1. Name and Address of Reporting Person* <u>ARCH Venture Fund VIII, L.P.</u>			2. Issuer Name and Ticker or Trading Symbol <u>Scholar Rock Holding Corp [SRRK]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) _____ Other (specify below) _____		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>05/29/2018</u>			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		
<u>8755 WEST HIGGINS ROAD, SUITE 1025</u>			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street)	<u>CHICAGO</u>	<u>IL</u>	<u>60631</u>					
(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 Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	05/29/2018		C		437,859	A	(1)	437,859	I	By ARCH Venture Fund VIII, L.P. (2)
Common Stock	05/29/2018		C		634,579	A	(1)	1,072,438	I	By ARCH Venture Fund VIII, L.P. (2)
Common Stock	05/29/2018		C		551,807	A	(1)	1,624,245	I	By ARCH Venture Fund VIII, L.P. (2)
Common Stock	05/29/2018		C		719,559	A	(1)	2,343,804	I	By ARCH Venture Fund VIII, L.P. (2)
Common Stock	05/29/2018		C		293,813	A	(1)	2,637,617	I	By ARCH Venture Fund VIII, L.P. (2)

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				
Series A-2 Preferred	(1)	05/29/2018		C		1,249,999		(1)	(1)	Common Stock	437,859	(1)	0	I	By ARCH Venture Fund VIII, L.P. (2)
Series A-3 Preferred	(1)	05/29/2018		C		1,811,595		(1)	(1)	Common Stock	634,579	(1)	0	I	By ARCH Venture Fund VIII, L.P. (2)

**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				
Series A-4 Preferred	(1)	05/29/2018		C			1,575,299	(1)	(1)	Common Stock	551,807	(1)	0	I	By ARCH Venture Fund VIII, L.P. ⁽²⁾
Series B Preferred	(1)	05/29/2018		C			2,054,197	(1)	(1)	Common Stock	719,559	(1)	0	I	By ARCH Venture Fund VIII, L.P. ⁽²⁾
Series C Preferred	(1)	05/29/2018		C			838,780	(1)	(1)	Common Stock	293,813	(1)	0	I	By ARCH Venture Fund VIII, L.P. ⁽²⁾

1. Name and Address of Reporting Person*

[ARCH Venture Fund VIII, L.P.](#)

(Last) (First) (Middle)

8755 WEST HIGGINS ROAD, SUITE 1025

(Street)

CHICAGO IL 60631

(City)

(State)

(Zip)

1. Name and Address of Reporting Person*

[ARCH Venture Partners VIII, LLC](#)

(Last) (First) (Middle)

8755 WEST HIGGINS ROAD, SUITE 1025

(Street)

CHICAGO IL 60631

(City)

(State)

(Zip)

1. Name and Address of Reporting Person*

[CRANDELL KEITH](#)

(Last) (First) (Middle)

8755 WEST HIGGINS ROAD, SUITE 1025

(Street)

CHICAGO IL 60631

(City)

(State)

(Zip)

1. Name and Address of Reporting Person*

[BYBEE CLINTON](#)

(Last) (First) (Middle)

8755 WEST HIGGINS ROAD, SUITE 1025

(Street)

CHICAGO IL 60631

(City)

(State)

(Zip)

1. Name and Address of Reporting Person*

[NELSEN ROBERT](#)

(Last) (First) (Middle)

8755 WEST HIGGINS ROAD, SUITE 1025

(Street)

CHICAGO	IL	60631
(City)	(State)	(Zip)
1. Name and Address of Reporting Person*		
<u>ARCH Venture Partners VIII, L.P.</u>		
(Last)	(First)	(Middle)
8755 WEST HIGGINS ROAD, SUITE 1025		
(Street)		
CHICAGO	IL	60631
(City)	(State)	(Zip)

Explanation of Responses:

1. Each share of Preferred Stock automatically converted into Common Stock, for no additional payment or consideration, on a 2.8548-for-1 basis at the closing of the Issuer's initial public offering on May 29, 2018 and had no expiration date.

2. The reportable securities are owned directly by ARCH Venture Fund VIII, L.P. ("ARCH Fund VIII"). The sole general partner of ARCH Fund VIII is ARCH Venture Partners VIII, L.P. or ARCH Partners VIII, which may be deemed to beneficially own the shares held by ARCH Fund VIII. The sole general partner of ARCH Partners VIII is ARCH Venture Partners VIII, LLC or ARCH VIII LLC, which may be deemed to beneficially own the shares held by ARCH Fund VIII. ARCH Partners VIII and ARCH VIII LLC disclaim beneficial ownership of such shares, except to the extent of any pecuniary interest therein. The managing directors of ARCH VIII LLC are Keith L. Crandell, Clinton Bybee and Robert Nelsen, and they may be deemed to beneficially own the shares held by ARCH Fund VIII. Messrs. Crandell, Bybee and Nelsen disclaim beneficial ownership of such shares, except to the extent of any pecuniary interest therein.

ARCH Venture Fund VIII, L.P.
By: ARCH Venture Partners
VIII, L.P., its General Partner
By: ARCH Venture Partners 05/31/2018
VIII, LLC, its General Partner
By: /s/ Mark McDonnell, as
Attorney-in-Fact for Keith
Crandell, Managing Director
ARCH Venture Partners VIII,
L.P. By: ARCH Venture
Partners VIII, LLC, its General
Partner By: /s/ Mark 05/31/2018
McDonnell, as Attorney-in-Fact
for Keith Crandell, Managing
Director
ARCH Venture Partners VIII,
LLC By: /s/ Mark McDonnell, 05/31/2018
as Attorney-in-Fact for Keith
Crandell, Managing Director
Keith Crandell, Managing
Director By: /s/ Mark 05/31/2018
McDonnell, as Attorney-in-Fact
Clinton Bybee, Managing
Director By: /s/ Mark 05/31/2018
McDonnell, as Attorney-in-Fact
Robert Nelsen, Managing
Director By: /s/ Mark 05/31/2018
McDonnell, as Attorney-in-Fact
 ** 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.