### FORM 4

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL
OMB Number: 3235-0287
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

#### STATEMENT OF CHANGES IN 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 Re	esponses)																
1. Name and Address of Reporting Person * JACOBS CINDY				2. Issuer Name and Ticker or Trading Symbol ACHIEVE LIFE SCIENCES, INC. [ACHV]							:	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  X Director 10% Owner					
(Last) (First) (Middle) 22722 29TH DR SE, SUITE 100				3. Date of Earliest Transaction (Month/Day/Year) 04/28/2022							Ī	X_ Officer (give title below) Other (specify below) President & CMO					
(Street)				4. If Amendment, Date Original Filed(Month/Day/Year)								6. Individual or Joint/Group Filing(Check Applicable Line)  X_ Form filed by One Reporting Person  Form filed by More than One Reporting Person					
(City)	BOTHELL, WA 98021 (City) (State) (Zip)				Table I - Non-Derivative Securities Acqui							uired, Disposed of, or Beneficially Owned					
(Instr. 3) Date		2. Transaction Date (Month/Day/Year	2A. Deemed Execution Date, if any (Month/Day/Year)		(Instr. 8)		4. Securities Acquires (A) or Disposed of (Instr. 3, 4 and 5)		f (D)				curities Beneficially g Reported		7. Nature of Indirect Beneficial Ownership		
							Code	V	Amoun	(A) or (D)	Price		or Indire (I)		or Indirect (I) (Instr. 4)	(Instr. 4)	
Common Sto	ck		04/28/2022				M		2,500 (1)	A	\$ 0	2,723				D	
Common Stock 04/28/2022			04/28/2022				F		609 (2	, , , , , , , , , , , , , , , , , , , ,	\$ 7.43	2,114			D		
			Table II -	- Derivative				in this a curred	s form a rently va sposed of	are not re alid OMB	quired contro	to res	spond u nber.		on containe form displa		1474 (9-02)
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security  3. Transaction Date (Month/Day/Y			te, if Transaction of Code De Cear) (Instr. 8) Sec (A) Dis		5. N of Der Sec Acc (A) Dis of (	. Number 6. Da		ration Date nth/Day/Year)		7. Titl of Und Securi	7. Title and Amount of Underlying Securities (Instr. 3 and 4)		Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	Owners Form of Derivati Security Direct ( or Indire	Beneficial Ownership (Instr. 4)
				Code	V	(A)		Date Exercis		piration te	Title		Amount or Number of Shares				
Performance Restricted Stock Unit (PRSU)	(3)	04/28/2022		М			2,500	<u>(4</u>	01.	/26/2025	Com		2,500	\$ 0	2,500	D	

### **Reporting Owners**

D (1 0 V /	Relationships						
Reporting Owner Name / Address	Director	10% Owner	Officer	Other			
JACOBS CINDY 22722 29TH DR SE SUITE 100 BOTHELL, WA 98021	X		President & CMO				

#### **Signatures**

Sandra Thomson as attorney-in-fact for Cindy Jacobs	04/29/2022	
**Signature of Reporting Person	Date	

## **Explanation of Responses:**

- \* 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).
- (1) Represents shares of common stock acquired upon settlement of the performance restricted stock units ("PRSUs") listed in Table II.
- (2) Represents shares of common stock that have been withheld by the issuer to satisfy the tax liability in connection with the settlement of PRSUs.
- (3) Each PRSU represents a contingent right to receive one share of the issuer's common stock at settlement.
- (4) Pursuant to the terms of the PRSU 50% of the total shares underlying the PRSU vest on the achievement of a performance-based milestone, and 50% vest on the first anniversary of the achievement of such milestone.

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.