FORM 4

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

OMB APPROVAL
OMB Number: 3235-0287
Estimated average burden
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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

pe Response	s)														
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) 08/16/2022							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						
) WA 90	(State)	(Zip)		7	able	I - Nor	ı-Deri	ivative	Securities	Acqu	ired, Dispo	osed of, or l	Beneficially (Owned	
1.Title of Security (Instr. 3)		Date	any	f Code (Instr. 8)				of (D)	Beneficial Reported	ally Owned Following Transaction(s)		Ownership Form:	Beneficial		
			(Month/Day/Year)			Code	V	Amour	(A) or (D)	Price	(Instr. 3 a	nd 4)		or Indirect (I)	ect (Instr. 4)
Stock		08/16/2022			A	A (1)	V	1,817			3,931			D	
						cquire	the fo	orm di	splays a o	curre eficial	ntly valid		•		
2. Conversion or Exercise Price of Derivative Security	Date	3A. Deemed Execution Da	te, if T	ransaction	5. Num of Deri Secu Acq (A) Disp of (I (Inst	nber ivative prities uired or posed D) tr. 3,	6. Da	ate Exer Expirati	cisable on Date	7. T Ame Und Secu	ount of lerlying urities		Derivative Securities Beneficially Owned Following Reported	Ownersh Form of Derivativ Security Direct (I or Indirects)	Beneficial Ownershi (Instr. 4)
	and Address of CINDY CINDY TH DR SI CL, WA 98 Curity Stock Report on a s Conversion or Exercise Price of Derivative	Conversion or Exercise Price of Derivative (First) (Strest) (Str	Address of Reporting Person* GCINDY (First) (Middle) OTH DR SE, SUITE 100 (Street) CL, WA 98021 (State) (Zip) Eccurity 2. Transaction Date (Month/Day/Year) A Stock 08/16/2022 Report on a separate line for each class of secundary of Exercise of Date OTE Exercise of Derivative (Month/Day/Year) 3. Transaction Date (Month/Day/Year) 3. A. Deemed Execution Data any (Month/Day/Year)	Address of Reporting Person* 2. Is: ACH CINDY CINDY (First) (Middle) (Street) 3. Dat (08/16 (Street) 4. If A CL, WA 98021 (State) (Zip) Cecurity 2. Transaction Date (Month/Day/Year) (Month/Day/Year) 2. Transaction Date (Month/Day/Year) Table II - Derivative Conversion or Exercise Price of Derivative ACH 2. Is: (Middle) 3. Dat (08/16 2. Transaction Date (Month/Day/Year) Sacurities be Table II - Derivative (e.g., pt. any (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year)	Address of Reporting Person* 2. Issuer Name ACHIEVE LI 3. Date of Earlier 08/16/2022 (Street) 4. If Amendment LL, WA 98021 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 3. Deemed Execution Date, if any (Month/Day/Year) 2. Table II - Derivative Securities beneficially of Code (Instr. 8)	Achieve Life Scientify Circuity Ci	2. Issuer Name and Ticker of ACHIEVE LIFE SCIENT ACHIEVE LIFE SCIE	Address of Reporting Person 2 CINDY	2. Issuer Name and Ticker or Trading Sy ACHIEVE LIFE SCIENCES, INC ON (First) (Middle) 3. Date of Earliest Transaction (Month/Day 08/16/2022 (Street) 4. If Amendment, Date Original Filed(Month On 1/2) (State) (Zip) Table I - Non-Derivative (A) or Date (A) or Disposed of (D) (Instr. 8) 2. Transaction Date (Month/Day/Year) (Month/Day/Year) (A) OR (Instr. 8) 2. Transaction Date (A) or Date (A) or Disposed of (D) (Instr. 8) 2. Table II - Derivative Securities Acquired (A) or Disposed of (D) (Instr. 8) 3. Transaction (A) or Disposed (A) or Disposed of (D) (Instr. 8) 4. If Amendment, Date Original Filed(Month On 1/2) (Month/Day/Year) (Month/Day/Year) (Instr. 8) 4. If Amendment, Date Original Filed(Month On 1/2) (Month/Day/Year) (Instr. 8) 5. Table II - Derivative Securities Acquired, Disposed (A) or Disposed of (D) (Instr. 8) 6. Date Execution Date, if On 1/2 (Instr. 8) 7. Table II - Derivative Securities Acquired (A) or Disposed of (D) (Instr. 8) 8. Table II - Derivative Securities Acquired (A) or Disposed of (D) (Instr. 8)	2. Issuer Name and Ticker or Trading Symbol ACHIEVE LIFE SCIENCES, INC. [ACHV ON THE DR SE, SUITE 100 (Street) 3. Date of Earliest Transaction (Month/Day/Year) 08/16/2022 4. If Amendment, Date Original Filed(Month/Day/Year) 4. If Amendment, Date Original Filed(Month/Day/Year) 5. Table I - Non-Derivative Securities Security (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 3. Transaction Date (Month/Day/Year) 4. Stock (A) or Disposed (Instr. 8) (Instr. 8) (A) or Disposed of Oberivative Securities	2. Issuer Name and Ticker or Trading Symbol ACHIEVE LIFE SCIENCES, INC. [ACHV] 3. Date of Earliest Transaction (Month/Day/Year) 08/16/2022 4. If Amendment, Date Original Filed(Month/Day/Year) 1. If Amendment, Date Original Filed(Month/Day/Year) 1. If Amendment, Date Original Filed(Month/Day/Year) 2. Transaction Date (Month/Day/Year) 3. Transaction Date of Execution Date, if (Month/Day/Year) 3. Transaction Date of Execution Date, if (Month/Day/Year) 4. Securities Acquired (A) or Disposed of (D) (Instr. 8) 1. Stock 08/16/2022 2. A Deemed Execution Date, if (Month/Day/Year) 2. Transaction (Month/Day/Year) 3. Transaction (Instr. 8) 4. Securities Acquired (A) or Disposed of (D) Price of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 8) Persons who respond to contained in this form arthe form displays a curre Table II - Derivative Securities Acquired, Disposed of, or Beneficial (e.g., puts, calls, warrants, options, convertible securities) 2. Security 3. Transaction Date of Code (Instr. 8) 4. Securities Acquired (A) or Disposed of (D) (Instr. 8) 6. Date Exercisable and Expiration Date of (Doerivative Securities) 6. Date Exercisable of (Doerivative Securities) 6. Date Exercisable of (Instr. 8) 6. Date Exercisable of (Month/Day/Year) 6. Derivative Securities Acquired (A) or Disposed of (D) (Instr. 8) 6. Date Exercisable of (Month/Day/Year) 7. Transaction Ode (Instr. 8) 8. Deemed Execution Date of (Doerivative Securities Acquired (A) or Disposed of (D) (Instr. 8) 8. Derivative Securities Acquired (A) or Disposed of (D) (Instr. 8) 8. Derivative Securities Acquired (A) or Disposed of (D) (Instr. 8) 8. Derivative Securities Acquired (A) or Disposed of (D) (Instr. 8) 8. Derivative Securities Acquired (A) or Disposed of (D) (Instr. 8)	Address of Reporting Person * CINDY	Address of Reporting Person CINDY	Address of Reporting Person* CINDY 2. Issuer Name and Ticker or Trading Symbol ACHIEVE LIFE SCIENCES, INC. [ACHV] OTH DR SE, SUITE 100 (Street) 4. If Amendment, Date Original Filed(Month/Day/Year) OS(State) (Street) 4. If Amendment, Date Original Filed(Month/Day/Year) OS(State) (State) (A) or Disposed of (D) (Instr. 3, 4 and 5) (Instr. 3 and 4) (Instr. 4) (Instr. 3) (Instr. 4) (Instr. 4) (Instr. 4)	Address of Reporting Person.* CENDY ACHIEVE LIFE SCIENCES, INC. [ACHV] THOR SE, SUITE 100 (Middle) 3. Date of Earliest Transaction (Month/Day/Year) O8/16/2022 4. If Amendment, Date Original Filed/Month/Day/Year) O(State) Code (Month/Day/Year) O(State) 2. Transaction Date (Month/Day/Year) O(Month/Day/Year) O(Month/Day/Yea

Reporting Owners

B # 0 Y /	Relationships						
Reporting Owner Name / Address	Director 10% Owner Officer		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	08/18/2022	
**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 under the Issuer's 2017 Employee Stock Purchase Plan.

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.