

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2022 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A	This return/report is for: ☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____
B	This return/report is: ☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C	If the plan is a collectively-bargained plan, check here. ▶ ☐
D	Check box if filing under: ☐ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
E	If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. ▶ ☐

Part II	Basic Plan Information—enter all requested information		
1a	Name of plan WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH 403B PLAN	1b	Three-digit plan number (PN) ▶ 002
		1c	Effective date of plan 07/01/1982
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH 455 MAIN STREET CAMBRIDGE, MA 02142	2b	Employer Identification Number (EIN) 06-1043412
		2c	Plan Sponsor's telephone number 617-258-6725
		2d	Business code (see instructions) 611000

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	07/31/2023	DILKUSHI WILSON
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2022)
v. 220413

3a Plan administrator's name and address ☒ Same as Plan Sponsor		3b Administrator's EIN
		3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name		4b EIN 4d PN
5 Total number of participants at the beginning of the plan year		5 616
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).		
a(1) Total number of active participants at the beginning of the plan year		6a(1) 291
a(2) Total number of active participants at the end of the plan year		6a(2) 300
b Retired or separated participants receiving benefits		6b 0
c Other retired or separated participants entitled to future benefits.....		6c 325
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d 625
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e 2
f Total. Add lines 6d and 6e		6f 627
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		6g 472
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6h 0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)		7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2G 2M 2T		
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:		
9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)		
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☒ 1 A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)	

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2022 Form M-1 annual report. If the plan was not required to file the 2022 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH 403B PLAN	B Three-digit plan number (PN) ▶	002
C Plan sponsor's name as shown on line 2a of Form 5500 WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	D Employer Identification Number (EIN) 06-1043412	

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions	Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
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1 Coverage Information:

(a) Name of insurance carrier TIAA CREF
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(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
13-1624203	69345	104199	279	01/01/2022	12/31/2022

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.
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(a) Total amount of commissions paid	(b) Total amount of fees paid
0	0

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid
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(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid
--

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4	Current value of plan's interest under this contract in the general account at year end.....	4	8267854
5	Current value of plan's interest under this contract in separate accounts at year end.....	5	15376290

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶

b	Premiums paid to carrier	6b	
c	Premiums due but unpaid at the end of the year	6c	
d	If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount..... Specify nature of costs ▶	6d	

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity
(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐**7** Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee
(3) ☒ guaranteed investment (4) ☐ other ▶

b	Balance at the end of the previous year	7b	8121845
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c	Additions: (1) Contributions deposited during the year	7c(1)	118865	
	(2) Dividends and credits	7c(2)		
	(3) Interest credited during the year	7c(3)	274477	
	(4) Transferred from separate account	7c(4)	113985	
	(5) Other (specify below)	7c(5)	29006	

▶ PLAN SERVICING CREDIT, PARTICIPANT LOAN INTEREST

(6) Total additions	7c(6)	536333
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d	Total of balance and additions (add lines 7b and 7c(6))	7d	8658178
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e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	267052	
(2) Administration charge made by carrier	7e(2)		
(3) Transferred to separate account	7e(3)	118128	
(4) Other (specify below)	7e(4)	5144	

▶ FEES, PARTICIPANT LOANS ISSUED

(5) Total deductions	7e(5)	390324
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f	Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	8267854
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Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
b ☐ Dental
c ☐ Vision
d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
f ☐ Long-term disability
g ☐ Supplemental unemployment
h ☐ Prescription drug
i ☐ Stop loss (large deductible)
j ☐ HMO contract
k ☐ PPO contract
l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid	9a(2)		
(3) Increase (decrease) in unearned premium reserve	9a(3)		
(4) Earned ((1) + (2) - (3))		9a(4)	
b Benefit charges (1) Claims paid	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2))		9b(3)	
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees	9c(1)(B)		
(C) Other specific acquisition costs	9c(1)(C)		
(D) Other expenses	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies	9c(1)(F)		
(G) Other retention charges	9c(1)(G)		
(H) Total retention		9c(1)(H)	
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount. Specify nature of costs.	10b	

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2022
		This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH 403B PLAN	B Three-digit plan number (PN) ▶	002
C Plan sponsor's name as shown on line 2a of Form 5500 WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	D Employer Identification Number (EIN) 06-1043412	

Part I Service Provider Information (see instructions)

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No
- b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

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13-1624203

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
15 19 37 38 64	NONE	100	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH 403B PLAN	B Three-digit plan number (PN) ►	002
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	D Employer Identification Number (EIN) 06-1043412	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: TIAA REAL ESTATE		
b Name of sponsor of entity listed in (a): TIAA CREF		
c EIN-PN 13-1624203-004	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1723062
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II **Information on Participating Plans (to be completed by DFEs)**

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
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plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH 403B PLAN</u>		B Three-digit plan number (PN) <u>002</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH</u>		D Employer Identification Number (EIN) <u>06-1043412</u>

Part I Asset and Liability Statement			
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash.....	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)		
(2) Participant contributions.....	1b(2)		
(3) Other.....	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants).....	1c(7)		
(8) Participant loans.....	1c(8)		28254
(9) Value of interest in common/collective trusts.....	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)	1590865	1723062
(11) Value of interest in master trust investment accounts.....	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	40168186	33359124
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	8121845	8267854
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	49880896	43378294

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	49880896	43378294
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Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)		
(B) Participants	2a(1)(B)	1543958	
(C) Others (including rollovers)	2a(1)(C)	436936	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		1980894
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	711	
(F) Other	2b(1)(F)	274476	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		275187
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	983019	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		983019
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		134436
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		-8493187
c Other income	2c		28905
d Total income. Add all income amounts in column (b) and enter total	2d		-5090746
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	1410133	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		1410133
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)	1723	
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		1723
j Total expenses. Add all expense amounts in column (b) and enter total	2j		1411856
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-6502602
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☐ Unmodified (2) ☐ Qualified (3) ☒ Disclaimer (4) ☐ Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☒ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☐ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: **MAYER HOFFMAN MCCANN P.C.**

(2) EIN: **43-1947695**

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)

	Yes	No	Amount
4a		X	

	Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)			
4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)			
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)			
4d		X	
e Was this plan covered by a fidelity bond?	X		500000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)			
4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?			
4k		X	
l Has the plan failed to provide any benefit when due under the plan?			
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH 403B PLAN		B Three-digit plan number (PN) 002
C Plan sponsor's name as shown on line 2a of Form 5500 WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH		D Employer Identification Number (EIN) 06-1043412
Part I Distributions		
All references to distributions relate only to payments of benefits during the plan year.		
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....		1 0
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 13-1622420		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....		3 11
Part II Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)		
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☐ No ☐ N/A If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....		6a
b Enter the amount contributed by the employer to the plan for this plan year.....		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☐ N/A		
Part III Amendments		
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box..... ☐ Increase ☐ Decrease ☐ Both ☐ No		
Part IV ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.		
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?..... ☐ Yes ☐ No		
11 a Does the ESOP hold any preferred stock?..... ☐ Yes ☐ No		
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)..... ☐ Yes ☐ No		
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?..... ☐ Yes ☐ No		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14 Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:	14a	
a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment).....	14b	
b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14c	
c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)		
15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:		
a The corresponding number for the plan year immediately preceding the current plan year.....	15a	
b The corresponding number for the second preceding plan year.....	15b	
16 Information with respect to any employers who withdrew from the plan during the preceding plan year:	16a	
a Enter the number of employers who withdrew during the preceding plan year	16b	
b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....		
17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment		☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment

19 If the total number of participants is 1,000 or more, complete lines (a) through (c)

a Enter the percentage of plan assets held as:
 Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

b Provide the average duration of the combined investment-grade and high-yield debt:
☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

c What duration measure was used to calculate line 19(b)?
☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____

20 PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No

b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

☐ Yes.

☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.

☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.

☐ No. Other. Provide explanation _____



Whitehead Institute for Biomedical Research 403(b) Plan

**Financial Statements and Supplemental Schedule
December 31, 2022 and 2021**



Whitehead Institute for Biomedical Research 403(b) Plan

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* Other supplemental schedules required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 ("ERISA") have been omitted because they are not applicable.



Independent Auditors' Report

The Plan Administrator
Whitehead Institute for Biomedical Research 403(b) Plan
Cambridge, Massachusetts

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit

We have performed the audit of the financial statements of the Whitehead Institute for Biomedical Research 403(b) Plan ("the Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 ("ERISA"), as permitted by ERISA Section 103(a)(3)(C) ("ERISA Section 103(a)(3)(C) audit"). The financial statements comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of the Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the Plan ("investment information") by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA ("qualified institution").

Management has obtained certifications from a qualified institution as of and for the years ended December 31, 2022 and 2021, stating that the certified investment information, as described in Note 7 to the financial statements, is complete and accurate.

Disclaimer of Opinion

We do not express an opinion on the accompanying financial statements of the Plan. Because of the significance of the matter described in the Basis for Disclaimer of Opinion section of our report, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion on the financial statements.

Basis for Disclaimer of Opinion

The Plan has not maintained sufficient accounting records and supporting documents relating to certain annuity contracts and custodial accounts issued to current and former employees prior to January 1, 2009. Accordingly, we were unable to apply auditing procedures sufficient to determine the extent to which the accompanying financial statements may have been affected by these conditions.

Further, as described in Note 2, the Plan has excluded from investments in the accompanying statements of net assets available for benefits certain annuity and custodial accounts issued to current and former employees prior to January 1, 2009, as permitted by the Department of Labor's Field Assistance Bulletin No. 2009-02, Annual Reporting Requirements for 403(b) Plans. The investment income and distributions related to such accounts have also been excluded from the accompanying statements of changes in net assets available for benefits. The amount of these excluded annuity and custodial accounts and the related income and distributions are not determinable. Accounting principles generally accepted in the United States of America require that these accounts and the related income and distributions be included in the accompanying financial statements.



Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern within one year after the date that the financial statements are issued or available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the Plan, and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditors' Responsibilities for the Audit of the Financial Statements

Our responsibility is to conduct an audit of the Plan's financial statements in accordance with auditing standards generally accepted in the United States of America and to issue an auditors' report. However, because of the matters described in the Basis for Disclaimer of Opinion section of our report, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion on these financial statements. We are required to be independent of the Plan, and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit.

Other Matter - Supplemental Schedule Required by ERISA

The supplemental schedule, Schedule H, Line 4i - Schedule of Assets (Held at End of Year) as of December 31, 2022, is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. Because of the significance of the matters described in the Basis for Disclaimer of Opinion section, it is inappropriate to and we do not express an opinion on the supplemental schedule referred to above.

Mayer Hoffman McCann P.C.

Boston, Massachusetts
July 31, 2023

Whitehead Institute for Biomedical Research 403(b) Plan
Statements of Net Assets Available for Benefits
December 31, 2022 and 2021

	2022	2021
Assets		
Investments, at fair value	\$ 35,082,186	\$ 41,759,051
Fully benefit-responsive investment contracts, at contract value	<u>8,267,854</u>	<u>8,121,845</u>
Total investments	43,350,040	49,880,896
Receivables:		
Notes receivable from participants	<u>28,254</u>	<u>-</u>
Net assets available for benefits	\$ <u>43,378,294</u>	\$ <u>49,880,896</u>

Whitehead Institute for Biomedical Research 403(b) Plan
Statements of Changes in Net Assets Available for Benefits
Years Ended December 31, 2022 and 2021

	2022	2021
Additions to net assets attributable to:		
Participant contributions	\$ 1,543,958	\$ 1,471,025
Rollovers	436,936	44,134
Dividends and interest income	1,257,495	1,997,356
Net appreciation in fair value of investments	-	4,031,703
Other income	28,905	18,212
Interest income on notes receivable from participants	<u>711</u>	<u>-</u>
Total additions to net assets	<u>3,268,005</u>	<u>7,562,430</u>
Deductions from net assets attributable to:		
Net (depreciation) in fair value of investments	(8,358,751)	-
Benefits paid to plan participants or beneficiaries	(1,410,133)	(1,131,743)
Administrative expenses	<u>(1,723)</u>	<u>(23,770)</u>
Total deductions from net assets	<u>(9,770,607)</u>	<u>(1,155,513)</u>
Net (decrease) increase in net assets available for benefits	<u>(6,502,602)</u>	<u>6,406,917</u>
Net assets available for benefits, beginning of year	<u>49,880,896</u>	<u>43,473,979</u>
Net assets available for benefits, end of year	<u>\$ 43,378,294</u>	<u>\$ 49,880,896</u>

Whitehead Institute for Biomedical Research 403(b) Plan

Notes to Financial Statements

December 31, 2022 and 2021

1. Plan Description

General

The Whitehead Institute for Biomedical Research 403(b) Plan (the “Plan”) provides employees of Whitehead Institute for Biomedical Research (the “Institute”) a way to save for retirement through salary reduction. The Plan is an individual account plan and is subject to the provisions of the Employee Retirement Income Security Act of 1974 (“ERISA”).

The Plan is administered by the Institute’s Retirement Committee whose members are appointed by the Institute. TIAA and CREF and TIAA as agent for TIAA, FSB are the custodians of the Plan (the “Custodians”). TIAA, FSB, a federal savings association (TIAA Trust), became the custodian of the Plan’s institutional mutual funds. Pursuant to the service agreement with TIAA and CREF and TIAA, FSB, a duly authorized employee of TIAA and CREF executed as agent a certification of Plan records with respect to the institutional mutual funds required under Department of Labor Section 2520.130-5. Upon retirement, the TIAA Real Estate Account and the CREF variable annuities may be invested in either the TIAA Real Estate Account or Traditional Annuities or may continue to be invested in CREF variable annuities. TIAA and CREF institutional mutual funds are not eligible to be annuitized by TIAA and CREF.

All employees of the Institute are eligible to participate in the Plan.

A complete description of the Plan is provided in the Plan document. Participants should refer to the Plan document for complete information.

Contributions

Contributing to the Plan is voluntary. Employees who contribute to the Plan enter into a Salary Reduction Agreement. Under the agreement, employees elect to have the Institute contribute part of their salary to the Plan. Contributions to the Plan are limited by Federal law. For the years ended 2022 and 2021, employees under age 50 could contribute up to the Federal limit of \$20,500 and \$19,500, respectively, and employees age 50 or older could contribute an additional \$6,500. Contributions to the Plan are invested by the Custodians as directed by the participants.

Participants are eligible to contribute on a pre-tax basis and/or to Roth elective contributions on an after-tax basis. The Plan also accepts rollover contributions for participants from qualified retirement plans.

Vesting

Participants are 100% vested at all times.

Payment of Benefits

At age 59 ½ or termination of employment with the Institute, participants are eligible to receive payment of their vested account balance. Employees must elect the form of benefit payment, which may be a lump sum, an installment plan, or lifetime annuities. If a participant retires or terminates and the value of his or her vested account balance is \$1,000 or less, the Institute reserves the right to distribute the account in a lump sum. Payments from the TIAA Traditional Annuities are made according to the predetermined installment schedule. Payments from other plan assets can be made according to the permitted format of the investment.

Whitehead Institute for Biomedical Research 403(b) Plan

Notes to Financial Statements

December 31, 2022 and 2021

If upon termination of service the participant elects to receive benefit payments under the lifetime income benefits available through the TIAA and CREF annuities, the benefit is based upon the value of the investment results, the life expectancy of the participant and the expense associated with the specific annuities available through TIAA and CREF. The annuities are used to purchase a guaranteed amount of future benefits.

Hardship Withdrawals

The Plan allows participants to withdraw a limited amount of funds, excluding amounts attributable to investment earnings accrued on pre-tax elective contributions, upon demonstration of immediate and heavy financial hardship. The distribution is limited to the amount necessary to meet the need and may include the amount of any federal, state or local income taxes or penalties reasonably anticipated to result from the hardship.

Notes Receivable from Participants and Plan Loans

Participants may borrow a minimum of \$1,000 up to a maximum amount equal to the lesser of \$50,000 or 50% of their account balance. The loans are secured by the balance in the Participant's account. Loan terms are generally up to five years (up to 10 years for the purchase of a primary residence) and bear interest at a reasonable rate to be determined by the Plan administrator. Principal and interest are paid by participants directly to TIAA. As of December 31, 2022 and 2021, there were \$28,254 and \$0, respectively, of outstanding notes receivable from participants. The current maturity dates are through 2027 and the interest rate is 6.50%.

Prior to September 2020, participants could borrow directly from TIAA and CREF using a portion of their plan account as security for the loan. To secure plan loans, TIAA and CREF transferred 110% of the loan amount from the participant's account to a retirement loan contract in the participant's name as collateral in the event of default. Plan loan balances outstanding from TIAA and CREF to the Plan's participants were \$21,292 and \$60,832 as of December 31, 2022 and 2021, respectively. Repayment of loans is made directly to TIAA and CREF for a period not to exceed five years (up to 10 years for a residential loan). The current maturity dates are 2023 through 2024. Interest rates ranged from 4.31% to 4.65% in 2022 and 4.00% to 4.31% in 2021.

2. Summary of Significant Accounting Policies

Basis of Presentation

The Plan's financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America using the accrual basis of accounting.

In November 2007, the Department of Labor ("DOL") issued amended regulations eliminating an exemption granted to 403(b) plans from the annual Form 5500 reporting, disclosure, and audit requirements under Part 1 of Subtitle B of Title I of ERISA. The Plan, however, was established in 1982, and historically the Plan was viewed as a collection of individual contracts with which participants could engage in a range of actions with limited involvement, if any, by the Plan sponsor. Accordingly, complete accounting records and supporting documents relating to certain annuity and custodial contracts issued to current and former employees prior to January 1, 2009 have not been maintained by the Plan. Consequently, the financial statements have been prepared based on available records analyzed by Plan management. As certain records were not available from the inception of the Plan, there can be no assurance as to the completeness or accuracy of the Plan's reported financial information.

Whitehead Institute for Biomedical Research 403(b) Plan

Notes to Financial Statements

December 31, 2022 and 2021

Investments, Investment Valuation and Income Recognition

Investments held by defined contribution plans are required to be reported at fair value, except for fully benefit-responsive investment contracts, which are reported at contract value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Contract value is the relevant measure for the portion of net assets available for benefits of a defined contribution plan attributable to fully benefit-responsive investment contracts because contract value is the amount participants normally would receive if they were to initiate permitted transactions under the terms of the Plan. Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net (depreciation) appreciation includes the Plan's gains and losses on investments bought and sold, as well as held during the year. Net (depreciation) appreciation includes realized and unrealized gains and losses on investments other than TIAA Traditional Annuity contracts. Earnings for TIAA Traditional Annuity contracts are included in dividends and interest income on the statements of changes in net assets available for benefits.

Related-Party Transactions and Party-In-Interest Transactions

Certain Plan investments are managed by TIAA and CREF and TIAA as agent for TIAA, FSB, the custodians of the Plan. These transactions qualify as party-in-interest transactions. For the years ended December 31, 2022 and 2021, direct fees paid by the Plan to TIAA and CREF for administrative services amounted to \$1,723 and \$23,770, respectively. During the Plan years ended December 31, 2022 and 2021, the Plan received revenue credits of \$28,905 and \$18,212, respectively, from TIAA and CREF. The revenue credits are reported as other income on the statements of changes in net assets available for benefits.

Administrative Expenses

The Plan's expenses are paid either by the Plan or by the Institute. Expenses that are paid directly by the Institute are excluded from these financial statements. Certain expenses incurred in connection with the general administration of the Plan that are paid by the Plan are recorded as deductions in the accompanying financial statements.

Benefit Payments

Benefits are recorded when paid.

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2022 and 2021.

Use of Estimates

The preparation of the Plan's financial statements in conformity with accounting principles generally accepted in the United States of America requires the Plan Administrator to make significant estimates and assumptions, which affect the reported amounts of net assets available for benefits at the dates of the financial statements and the changes in net assets available for benefits during the reporting period and, when applicable, disclosures of contingent assets and liabilities at the dates of the financial statements. Actual results could differ from those estimates.

Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks, such as interest rate, market and credit risks. Market risks include global events such as an international conflict, which could impact the value of investment securities. Due to the level of risk associated with these investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

Whitehead Institute for Biomedical Research 403(b) Plan

Notes to Financial Statements

December 31, 2022 and 2021

3. Fair Value Measurements

The framework for measuring fair value provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. Fair value is defined as the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. Valuation techniques used to measure fair value must maximize the use of observable inputs and minimize the use of unobservable inputs. The fair value hierarchy is based on three levels of inputs, of which the first two are considered observable and the last is considered unobservable, that may be used to measure fair value:

Level 1 - Unadjusted quoted prices in active markets for identical assets or liabilities.

Level 2 - Observable inputs, other than Level 1 prices, such as quoted prices for similar assets or liabilities; or other inputs that are observable or have been corroborated by observable market data for substantially the full term of the related assets or liabilities.

Level 3 - Unobservable inputs supported by little or no market activity that are significant to the fair value of the assets or liabilities.

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement.

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2022 and 2021.

TIAA Real Estate Account

The account generally invests in real estate properties and real estate-related investments. The account's value is principally derived from the market value of the underlying real estate holdings or other real estate-related investments. Real estate holdings are valued principally utilizing external appraisals, which are estimates of property values based on a professional's opinion. The account sometimes holds securities as well, and these securities are generally priced using values obtained from independent pricing sources.

The fair value of the Plan's interest in the TIAA Real Estate Account (a pooled separate account) is based on the fund's daily Net Asset Value ("NAV"), which is considered by Plan management to be the best approximation of fair value. This investment is measured at net asset value in the fair value hierarchy. The unit value of the fund is calculated daily and available to Plan Administrators and client investors on TIAA and CREF's website. There are no unfunded commitments from participants in the Plan who invest in this account. These investments may be redeemed quarterly with one day's notice. Transfers out of the TIAA Real Estate Account are limited to one per calendar quarter.

CREF Variable Annuities

The accounts invest principally in equity securities, fixed income instruments and short-term investments in accordance with each portfolio's investment objectives. The fair values of accumulation units held by the Plan in CREF Variable Annuity accounts are based on each account's daily NAV, which is considered by Plan management to be the best approximation of the fair value. Data for NAVs are available daily to Plan Administrators and client investors on TIAA and CREF's website and provides sufficient corroborative evidence to ascertain the relationship between each fund's NAV and the values of individual underlying holdings. Underlying holdings are primarily valued using market quotations or prices obtained from independent pricing sources. There are no unfunded commitments from participants in the Plan who invest in these accounts. The variable annuities are measured at net asset value in the valuation hierarchy and are redeemable on the measurement date. Participants can enter and exit out of these funds daily with no restrictions.

Whitehead Institute for Biomedical Research 403(b) Plan
Notes to Financial Statements
December 31, 2022 and 2021

Mutual Funds

Mutual funds held by the Plan are open-end mutual funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily NAV and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded and are valued at the daily closing price as reported by the fund.

The following table sets forth by level, within the fair value hierarchy, the Plan's investments at fair value as of December 31, 2022:

Assets at Fair Value as of December 31, 2022

Description	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 19,705,896	\$ -	\$ -	\$ 19,705,896
Total assets in the fair value hierarchy	19,705,896	-	-	19,705,896
Investments measured at NAV practical expedient:				
Variable rate annuities	-	-	-	13,653,228
Pooled separate accounts	-	-	-	1,723,062
Total Investments	\$ 19,705,896	\$ -	\$ -	\$ 35,082,186

The following table sets forth by level, within the fair value hierarchy, the Plan's investments at fair value as of December 31, 2021:

Assets at Fair Value as of December 31, 2021

Description	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 22,686,931	\$ -	\$ -	\$ 22,686,931
Total assets in the fair value hierarchy	22,686,931	-	-	22,686,931
Investments measured at NAV practical expedient:				
Variable rate annuities	-	-	-	17,481,255
Pooled separate accounts	-	-	-	1,590,865
Total Investments	\$ 22,686,931	\$ -	\$ -	\$ 41,759,051

There were no transfers in or out of Level 3 during the years ended December 31, 2022 and 2021.

Whitehead Institute for Biomedical Research 403(b) Plan

Notes to Financial Statements

December 31, 2022 and 2021

4. Fully Benefit-Responsive Investment Contracts

TIAA Traditional

The TIAA Traditional Annuity is a fixed rate annuity unallocated insurance contract fully and unconditionally guaranteed by the general account of TIAA. The Plan has TIAA Traditional SRA and GSRA contracts that provide for full participant-directed liquidity. The type of contract through which a participant invests in the TIAA Traditional Annuity determines the applicability of certain account features, such as the guaranteed minimum interest rate, additional interest declarations, the degree of liquidity of the participant's account, and the options for receiving income upon retirement.

Following is a description of the investment and valuation methodology for the fully benefit-responsive investment contract held by the Plan at December 31, 2022 and 2021:

Instrument	2022	2021
Guaranteed annuity contracts	\$ 8,267,854	\$ 8,121,845

TIAA and CREF maintains the contributions in a general account. The investment contract is included in the financial statements at contract value as reported to the Plan by TIAA and CREF. Contract value represents contributions made under the contract, plus earnings, less participant withdrawals and administrative expenses. Participants may ordinarily direct the withdrawal or transfer of all or a portion of their investment at contract value.

There are no reserves against contract value for credit risk of the contract issuer or otherwise. The crediting interest rate is based on a formula agreed upon with the issuer and guarantees minimum rate of interest between 1% and 3%. Such interest rates are reviewed on a quarterly basis for resetting.

The Plan's ability to receive amounts due is dependent on the issuer's ability to meet its financial obligations. The issuer's ability to meet its contractual obligations may be affected by future economic and regulatory developments.

Certain events limit the ability of the Plan to transact at contract value with the issuer. Such events include (1) amendments to the Plan documents (including complete or partial Plan termination or merger with another plan), (2) changes to the Plan's prohibition on competing investment options or deletion of equity wash provisions, (3) bankruptcy of the Plan sponsor or other Plan sponsor events (for example, divestitures or spin-offs of a subsidiary) that cause a significant withdrawal from the Plan, or (4) the failure of the trust to qualify for exemption from federal income taxes or any required prohibited transaction exemption under ERISA. The Plan Administrator believes that any events that would limit the Plan's ability to transact at contract value with participants are probable of not occurring.

In addition, certain events allow the issuer to terminate the contract with the Plan and settle at an amount different from contract value. Such events include (1) an uncured violation of the Plan's investment guidelines, (2) a breach of material obligation under the contract, (3) a material misrepresentation, and (4) a material amendment to the agreement without the consent of the issuer.

The guaranteed investment contract does not permit the insurance company to terminate the agreement prior to the scheduled maturity date.

Whitehead Institute for Biomedical Research 403(b) Plan

Notes to Financial Statements

December 31, 2022 and 2021

When a participant's accumulation in the TIAA Traditional Annuity is converted to a lifetime payout annuity, the present value of the stream of payments is equal to the accumulated balance, and the entire amount is recorded as an annuity settlement option in the statements of changes in net assets available for benefits.

5. Fair Value of Investments that Calculate Net Asset Value

The following table for December 31, 2022 and 2021 sets forth a summary of the Plan's investments measured at fair value based on NAV per share.

Investments	Fair Value 12/31/2022	Fair Value 12/31/2021	Unfunded Commitments	Redemption Frequency	Redemption Notice Period
Variable rate annuities (a)	\$ 13,653,228	\$ 17,481,255	\$ -	daily	1 day
Pooled separate accounts (a)	1,723,062	1,590,865	-	daily	1 day

(a) See Note 3 for the description of the pooled separate accounts and variable rate annuities.

6. Tax Status

The Plan has been designed to qualify for tax-exempt status under Section 403(b) of the Internal Revenue Code (the "Code"). The terms of the Plan have been prepared to conform with the sample language provided by the Internal Revenue Service ("IRS") in Revenue Procedure 2007-71. The Plan is required to operate in conformity with the Code to maintain the tax-exempt status for Plan participants under Section 403(b). The Plan Administrator believes that the Plan is currently designed and operating in accordance with the applicable requirements of Section 403(b) of the Code and, therefore, believes the Plan is qualified and the related custodial accounts and tax-deferred annuities are tax-exempt. Therefore, no provision for income taxes has been included in the Plan's financial statements.

Accounting principles generally accepted in the United States of America require Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

Whitehead Institute for Biomedical Research 403(b) Plan

Notes to Financial Statements

December 31, 2022 and 2021

7. Summary of Information Certified by the Custodians

The following is a summary of the financial information certified by TIAA and CREF and TIAA as agent for TIAA, FSB, the Custodians of the Plan, as complete and accurate, as permitted under Section 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA:

	2022	2021
Statements of Net Assets Available for Benefits		
Investments at fair and contract value	\$ 43,350,040	\$ 49,880,896
Notes receivable from participants	28,254	-
	2022	2021
Statements of Changes in Net Assets Available for Benefits		
Dividends and interest income	\$ 1,257,495	\$ 1,997,356
Net (depreciation) appreciation in fair value of investments	(8,358,751)	4,031,703
Other income	28,905	18,212

In addition, information in the supplemental schedule of assets (held at end of year) was also certified by TIAA and CREF and TIAA as agent for TIAA, FSB for 2022 and 2021.

8. Plan Amendment and Termination

The Institute has the right to amend, suspend or terminate the Plan, but may not do so in a way which would reduce any participant's non forfeitable account balance. If the Plan is terminated, the Custodians will continue to hold the assets for distribution as directed by the Plan Administrator. The Plan Administrator will determine whether to direct the Custodians to disburse the Plan's assets as immediate benefit payments, to retain and disburse them in the future or to follow any other advisable procedures. The Institute currently has no intention to terminate the Plan.

9. Subsequent Events

The Plan evaluated all events or transactions that occurred after December 31, 2022 up through July 31, 2023, the date the financial statements were available to be issued. No significant matters were identified for disclosure during this evaluation.

Supplemental Schedule

Whitehead Institute for Biomedical Research 403(b) Plan
(E.I.N. 06-1043412 - Plan Number 002)
Schedule H, Line 4i - Schedule of Assets (Held at End of Year)
December 31, 2022

(a)	(b) Identity of Issue	(c) Description of Investment	(d) Cost	(e) Current Value
* CREF Equity Index		Variable Rate Annuity	**	\$ 4,784,085
* CREF Stock		Variable Rate Annuity	**	3,945,137
* CREF Growth		Variable Rate Annuity	**	1,971,433
* CREF Social Choice		Variable Rate Annuity	**	1,320,574
* CREF Global Equities		Variable Rate Annuity	**	843,877
* CREF Inflation-Linked Bond		Variable Rate Annuity	**	353,056
* CREF Money Market		Variable Rate Annuity	**	277,808
* CREF Core Bond		Variable Rate Annuity	**	157,257
* TIAA TRADITIONAL Benefit Responsive		Guaranteed Annuity Contract	**	8,267,854
* TIAA Real Estate		Pooled Separate Account	**	1,723,062
* TIAA-CREF Lifecycle 2035-Rtmt		Mutual Fund	**	1,798,028
T. Rowe Blue Chip Growth		Mutual Fund	**	1,677,915
Vanguard Strategic Equity Inv		Mutual Fund	**	1,625,903
MFS Intl Diversification R4		Mutual Fund	**	1,553,802
* TIAA-CREF Lifecycle 2040-Rtmt		Mutual Fund	**	1,525,168
Vanguard 500 Idx Adm		Mutual Fund	**	1,393,954
* TIAA-CREF Lifecycle 2045-Rtmt		Mutual Fund	**	1,278,889

Whitehead Institute for Biomedical Research 403(b) Plan
(E.I.N. 06-1043412 - Plan Number 002)
Schedule H, Line 4i - Schedule of Assets (Held at End of Year)
December 31, 2022

(a)	(b) Identity of Issue	(c) Description of Investment	(d) Cost	(e) Current Value
	JPMorgan Equity Income Select	Mutual Fund	**	\$ 1,211,804
*	TIAA-CREF Lifecycle 2025-Rtmt	Mutual Fund	**	1,039,950
	Vanguard Ttl Intl Stk Idx Adm	Mutual Fund	**	817,844
	Vanguard Treasury MoneyMkt Inv	Mutual Fund	**	780,516
	Metropolitan West TotRet Bnd I	Mutual Fund	**	731,938
*	TIAA-CREF Lifecycle 2050-Rtmt	Mutual Fund	**	694,049
*	TIAA-CREF Lifecycle 2030-Rtmt	Mutual Fund	**	650,500
	BlackRock High Yield Bd Instl	Mutual Fund	**	542,019
	Vanguard Small-Cap Idx Adm	Mutual Fund	**	535,187
*	TIAA-CREF Short-Term Bond-Rtmt	Mutual Fund	**	516,742
*	TIAA-CREF Lifecycle 2020-Rtmt	Mutual Fund	**	337,428
	Vanguard Infl Protect Sec Adm	Mutual Fund	**	266,782
*	TIAA-CREF Bond Index-Rtmt	Mutual Fund	**	205,921
*	TIAA-CREF Lifecycle 2055-Rtmt	Mutual Fund	**	170,191
*	TIAA-CREF Lifecycle 2010-Rtmt	Mutual Fund	**	168,984
*	TIAA-CREF Lifecycle 2060-Rtmt	Mutual Fund	**	109,537
*	TIAA-CREF Lifecycle 2015-Rtmt	Mutual Fund	**	40,632
*	TIAA-CREF Lfcyle Rtmt Inc-Rtmt	Mutual Fund	**	28,951
*	TIAA-CREF Lifecycle 2065-Rtmt	Mutual Fund	**	3,263
*	Participant Loans	Loans (Interest Rate 6.50%)	-0-	28,254
				\$ 43,378,294

* Denotes a party-in-interest to the Plan.

** All investments are participant or beneficiary directed; cost information is not required.

The information on this schedule has been certified to its completeness and accuracy by TIAA and CREF and TIAA as agent for TIAA, FSB, the Custodians of the Plan.

Whitehead Institute for Biomedical Research 403(b) Plan
(E.I.N. 06-1043412 - Plan Number 002)
Schedule H, Line 4i - Schedule of Assets (Held at End of Year)
December 31, 2022

(a)	(b) Identity of Issue	(c) Description of Investment	(d) Cost	(e) Current Value
* CREF Equity Index		Variable Rate Annuity	**	\$ 4,784,085
* CREF Stock		Variable Rate Annuity	**	3,945,137
* CREF Growth		Variable Rate Annuity	**	1,971,433
* CREF Social Choice		Variable Rate Annuity	**	1,320,574
* CREF Global Equities		Variable Rate Annuity	**	843,877
* CREF Inflation-Linked Bond		Variable Rate Annuity	**	353,056
* CREF Money Market		Variable Rate Annuity	**	277,808
* CREF Core Bond		Variable Rate Annuity	**	157,257
* TIAA TRADITIONAL Benefit Responsive		Guaranteed Annuity Contract	**	8,267,854
* TIAA Real Estate		Pooled Separate Account	**	1,723,062
* TIAA-CREF Lifecycle 2035-Rtmt		Mutual Fund	**	1,798,028
T. Rowe Blue Chip Growth		Mutual Fund	**	1,677,915
Vanguard Strategic Equity Inv		Mutual Fund	**	1,625,903
MFS Intl Diversification R4		Mutual Fund	**	1,553,802
* TIAA-CREF Lifecycle 2040-Rtmt		Mutual Fund	**	1,525,168
Vanguard 500 Idx Adm		Mutual Fund	**	1,393,954
* TIAA-CREF Lifecycle 2045-Rtmt		Mutual Fund	**	1,278,889

Whitehead Institute for Biomedical Research 403(b) Plan
(E.I.N. 06-1043412 - Plan Number 002)
Schedule H, Line 4i - Schedule of Assets (Held at End of Year)
December 31, 2022

(a)	(b) Identity of Issue	(c) Description of Investment	(d) Cost	(e) Current Value
	JPMorgan Equity Income Select	Mutual Fund	**	\$ 1,211,804
*	TIAA-CREF Lifecycle 2025-Rtmt	Mutual Fund	**	1,039,950
	Vanguard Ttl Intl Stk Idx Adm	Mutual Fund	**	817,844
	Vanguard Treasury MoneyMkt Inv	Mutual Fund	**	780,516
	Metropolitan West TotRet Bnd I	Mutual Fund	**	731,938
*	TIAA-CREF Lifecycle 2050-Rtmt	Mutual Fund	**	694,049
*	TIAA-CREF Lifecycle 2030-Rtmt	Mutual Fund	**	650,500
	BlackRock High Yield Bd Instl	Mutual Fund	**	542,019
	Vanguard Small-Cap Idx Adm	Mutual Fund	**	535,187
*	TIAA-CREF Short-Term Bond-Rtmt	Mutual Fund	**	516,742
*	TIAA-CREF Lifecycle 2020-Rtmt	Mutual Fund	**	337,428
	Vanguard Infl Protect Sec Adm	Mutual Fund	**	266,782
*	TIAA-CREF Bond Index-Rtmt	Mutual Fund	**	205,921
*	TIAA-CREF Lifecycle 2055-Rtmt	Mutual Fund	**	170,191
*	TIAA-CREF Lifecycle 2010-Rtmt	Mutual Fund	**	168,984
*	TIAA-CREF Lifecycle 2060-Rtmt	Mutual Fund	**	109,537
*	TIAA-CREF Lifecycle 2015-Rtmt	Mutual Fund	**	40,632
*	TIAA-CREF Lfcyle Rtmt Inc-Rtmt	Mutual Fund	**	28,951
*	TIAA-CREF Lifecycle 2065-Rtmt	Mutual Fund	**	3,263
*	Participant Loans	Loans (Interest Rate 6.50%)	-0-	28,254
				\$ 43,378,294

* Denotes a party-in-interest to the Plan.

** All investments are participant or beneficiary directed; cost information is not required.

The information on this schedule has been certified to its completeness and accuracy by TIAA and CREF and TIAA as agent for TIAA, FSB, the Custodians of the Plan.