

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 <u>01/01/2022</u> and ending <u>12/31/2022</u>	
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 <u>TEACHERS COLLEGE, COLUMBIA UNIVERSITY DC RETIREMENT PLAN</u>	1b Three-digit plan number (PN) ▶	<u>001</u>
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) <u>TEACHERS COLLEGE, COLUMBIA UNIVERSITY</u> <u>525 WEST 120TH STREET</u> <u>NEW YORK, NY 10027-6625</u>	1c Effective date of plan <u>01/01/1970</u>	2b Employer Identification Number (EIN) <u>13-1624202</u>
	2c Plan Sponsor's telephone number <u>212-678-8146</u>	2d Business code (see instructions) <u>611000</u>

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.	10/16/2023	ROBYN DAVIS-MAHONEY
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/16/2023	ROBYN DAVIS-MAHONEY
	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 2499
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) 1007
a(2) Total number of active participants at the end of the plan year		6a(2) 1350
b Retired or separated participants receiving benefits		6b 0
c Other retired or separated participants entitled to future benefits.....		6c 1659
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d 3009
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e 57
f Total. Add lines 6d and 6e		6f 3066
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		6g 2577
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: 2F 2G 2L 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 TEACHERS COLLEGE, COLUMBIA UNIVERSITY DC RETIREMENT PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 TEACHERS COLLEGE, COLUMBIA UNIVERSITY	D Employer Identification Number (EIN) 13-1624202

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	101796	1669	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.

(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	123605810
5	Current value of plan's interest under this contract in separate accounts at year end.....	5	132779415

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	122591097
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c	Additions: (1) Contributions deposited during the year	7c(1)	2927618
	(2) Dividends and credits	7c(2)	
	(3) Interest credited during the year	7c(3)	4835946
	(4) Transferred from separate account	7c(4)	9413853
	(5) Other (specify below)	7c(5)	173898

▶ MISCELLANEOUS CREDITS, INCLUDING INVESTMENT GAINS AND TRANSFERS FROM FULLY ALLOCATED CONTRACTS

(6) Total additions	7c(6)	17351315
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d	Total of balance and additions (add lines 7b and 7c(6))	7d	139942412
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e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	6852733
(2) Administration charge made by carrier	7e(2)	109125
(3) Transferred to separate account	7e(3)	9204712
(4) Other (specify below)	7e(4)	170032

▶ MISCELLANEOUS DEBITS, INCLUDING INVESTMENT LOSSES AND TRANSFERS TO FULLY ALLOCATED CONTRACTS

(5) Total deductions	7e(5)	16336602
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f	Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	123605810
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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 TEACHERS COLLEGE, COLUMBIA UNIVERSITY DC RETIREMENT PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 TEACHERS COLLEGE, COLUMBIA UNIVERSITY	D Employer Identification Number (EIN) 13-1624202	

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

TIAA

13-1624203

(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)

TIAA

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 17 27 28 38 50 52 54 64 66	NONE	209181	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

CAPFINANCIAL PARTNERS LLC

26-0058143

(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?
28 50	NONE	73325	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

WISS & COMPANY, LLP

22-1732349

(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?
10 50	NONE	34750	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 TEACHERS COLLEGE, COLUMBIA UNIVERSITY DC RETIREMENT PLAN	B Three-digit plan number (PN) ►	001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 TEACHERS COLLEGE, COLUMBIA UNIVERSITY	D Employer Identification Number (EIN) 13-1624202	

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) 22782220
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
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
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)

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
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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

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>TEACHERS COLLEGE, COLUMBIA UNIVERSITY DC RETIREMENT PLAN</u>	B Three-digit plan number (PN) ►	<u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>TEACHERS COLLEGE, COLUMBIA UNIVERSITY</u>	D Employer Identification Number (EIN) <u>13-1624202</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)	126980	1061087
(9) Value of interest in common/collective trusts.....	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)	21462429	22782220
(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)	387095538	314420151
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	122591097	123605810
(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	531276044	461869268

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	531276044	461869268
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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)	7836827	
(B) Participants	2a(1)(B)	6128027	
(C) Others (including rollovers)	2a(1)(C)	3545973	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		17510827
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)	31721	
(F) Other	2b(1)(F)	4835946	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		4867667
(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)	6248965	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		6248965
(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)		1765417
(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)		-73864304
c Other income	2c		358098
d Total income. Add all income amounts in column (b) and enter total	2d		-43113330
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	24242550	
(2) To insurance carriers for the provision of benefits	2e(2)	1672010	
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		25914560
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		61630
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)	34750	
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)	73325	
(4) Other	2i(4)	209181	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		317256
j Total expenses. Add all expense amounts in column (b) and enter total	2j		26293446
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-69406776
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: **WISS & COMPANY, LLP**

(2) EIN: **22-1732349**

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.)		X	
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.)		X	
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.)		X	
4d		X	
e Was this plan covered by a fidelity bond?	X		1000000
4e	X		1000000
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?		X	
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?		X	
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.)		X	
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?		X	
4k		X	
l Has the plan failed to provide any benefit when due under the plan?		X	
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		X	
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 TEACHERS COLLEGE, COLUMBIA UNIVERSITY DC RETIREMENT PLAN		B Three-digit plan number (PN) 001
C Plan sponsor's name as shown on line 2a of Form 5500 TEACHERS COLLEGE, COLUMBIA UNIVERSITY		D Employer Identification Number (EIN) 13-1624202
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): 82-2826183		
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
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:		
	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).....	14a	
	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)	14b	
	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)	14c	
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:		
	a Enter the number of employers who withdrew during the preceding plan year	16a	
	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.....	16b	
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
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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 _____



**TEACHERS COLLEGE, COLUMBIA UNIVERSITY
DEFINED CONTRIBUTION RETIREMENT PLAN**

**FINANCIAL REPORT
DECEMBER 31, 2022**

**TEACHERS COLLEGE, COLUMBIA UNIVERSITY
DEFINED CONTRIBUTION RETIREMENT PLAN**

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Florham Park, NJ 07932
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INDEPENDENT AUDITORS' REPORT

The Plan Administrator of
Teachers College, Columbia University Defined Contribution Retirement Plan

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

We were engaged to perform audits of the accompanying financial statements of Teachers College, Columbia University Defined Contribution Retirement 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 statement of changes in net assets available for benefits for the year ended December 31, 2022, 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 ("DOL'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 DOL's Rules and Regulations for Reporting and Disclosure under ERISA ("qualified institution").

Management has obtained certifications from qualified institutions as of December 31, 2022 and 2021, and for the year ended December 31, 2022, stating that the certified investment information, as described in Note 3 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 financial statements have been affected by these conditions.

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 for one year after the date the financial statements are 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 matter 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 audits.

Other Matter - Supplemental Schedule Required by ERISA

The supplemental schedule of Schedule H, Part IV, 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 DOL'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 of our report, it is inappropriate to and we do not express an opinion on the supplemental schedule.

A handwritten signature in black ink that reads "Wiss & Company". The script is cursive and fluid, with the "W" and "C" being particularly large and stylized.

WISS & COMPANY, LLP

Florham Park, New Jersey
October 12, 2023

TEACHERS COLLEGE, COLUMBIA UNIVERSITY
DEFINED CONTRIBUTION RETIREMENT PLAN

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS

ASSETS	December 31,	
	<u>2022</u>	<u>2021</u>
Investments at fair value:		
Registered investment companies	\$ 314,420,151	\$ 387,095,538
Pooled separate account	22,782,220	21,462,429
TIAA traditional annuity accounts - non-benefit responsive	<u>89,672,907</u>	<u>90,356,525</u>
	426,875,278	498,914,492
Investment at contract value -		
TIAA traditional annuity accounts - fully benefit responsive	<u>33,932,903</u>	<u>32,234,572</u>
Receivables -		
Notes receivable from participants	<u>1,122,717</u>	<u>126,980</u>
 NET ASSETS AVAILABLE FOR BENEFITS	 <u>\$ 461,930,898</u>	 <u>\$ 531,276,044</u>

See accompanying notes to financial statements.

**TEACHERS COLLEGE, COLUMBIA UNIVERSITY
DEFINED CONTRIBUTION RETIREMENT PLAN**

STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

YEAR ENDED DECEMBER 31, 2022

ADDITIONS/(DEDUCTIONS) TO NET ASSETS ATTRIBUTED TO:

Investment (loss)/income:

Net depreciation in fair value of investments	\$ (68,380,487)
Dividend and interest income	<u>7,439,074</u>

Total investment loss, net	\$ (60,941,413)
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Contributions:

Participant	6,128,027
Employer	7,836,827
Rollover	<u>3,545,973</u>

Total contributions	<u>17,510,827</u>
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Total deductions, net	(43,430,586)
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DEDUCTIONS FROM NET ASSETS ATTRIBUTED TO -

Benefits paid to participants	<u>25,914,560</u>
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Total deductions	<u>25,914,560</u>
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NET DECREASE	(69,345,146)
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NET ASSETS AVAILABLE FOR BENEFITS:

Beginning of the year	<u>531,276,044</u>
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End of the year	<u><u>\$ 461,930,898</u></u>
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See accompanying notes to financial statements.

**TEACHERS COLLEGE, COLUMBIA UNIVERSITY
DEFINED CONTRIBUTION RETIREMENT PLAN**

NOTES TO FINANCIAL STATEMENTS

Note 1 - Description of Plan:

The following description of the Teachers College, Columbia University Defined Contribution Retirement Plan (the "Plan") is provided for general information purposes only. Participants should refer to the Plan document for more complete information.

General - The Plan is a participant-directed defined contribution plan sponsored by Teachers College, Columbia University (the Plan Sponsor, the College, or the Plan Administrator) pursuant to Internal Revenue Code (IRC) Section 403(b). Covered employees, as defined by the Plan, include all instructors, lecturers, executives, professional staff members, and members of the faculty within the College, who work at least 1,000 hours per year. Eligible employees include all employees other than employees who are nonresident aliens described in IRC Section 410(b)(3)(C) and are not receiving any U.S. source income and employees who are students of the College and only perform services described in IRC Section 3121(b)(10).

Plan Administration - The Plan is administered by the Plan Sponsor. Teacher's Insurance and Annuity Association of America (TIAA) and College Retirement Equities Fund (CREF) (collectively, TIAA and CREF) are the Record Keepers or Custodians of the Plan and TIAA and CREF and its affiliates are the issuers or sponsors of the Plan's investment assets and are responsible for the custody and management of the Plan's assets.

Eligibility - Eligible employees may become a participant in the Plan and may start salary deferrals as of the first day of any month after 30 days of employment with the College. Eligible employees in certain positions may become covered employees and eligible for employer matching contributions after completing two years of service. A covered employee who submits an affidavit attesting that employee has completed at least two years of service at a comparable institution in a position classified as a covered employee directly prior to becoming a College employee shall be treated as having satisfied the two years of service requirement. A comparable institution is considered to be a tax-exempt research institution or an accredited college or university.

Contributions - For covered employees, the College makes a mandatory contribution of 8% of an employee's base salary (as defined) if hired into benefit-eligible positions prior to January 1, 2006 and 5% for employees hired thereafter. For covered employees hired prior to January 1, 2006, the 8% mandatory contribution is increased to 9% commencing upon the covered employee's attainment of age 45, provided that the covered employee elects to waive his or her rights to receive College contribution benefits available to eligible employees (hired prior to 2006 and who have reached age 55 with 15 years of eligible service) under the College's retiree medical benefit plan. The College will make an additional matching contribution of up to 250% of the covered employees' salary deferral election. The salary deferral eligible for a matching contribution shall not exceed 2% of the employee's total salary.

Participant and covered employees salary deferrals and College contributions are subject to Internal Revenue Service (IRS) limitations. Each year, participants may contribute up to the maximum annual limit (\$20,500 in 2022) of pretax annual compensation, as defined in the plan document. Eligible employees over age 50 may elect to make additional contributions to the Plan under the age 50 catch-up provisions in IRC Section 414(v).

Vesting - All contributions are fully vested immediately. Income or losses thereon are also fully vested.

**TEACHERS COLLEGE, COLUMBIA UNIVERSITY
DEFINED CONTRIBUTION RETIREMENT PLAN**

NOTES TO FINANCIAL STATEMENTS

Participant Accounts - Individual accounts are valued daily and maintained for each of the Plan's participants to reflect the participant's contributions, the College's contributions, and the participant's share of the Plan's income or loss and any related administrative expenses. Participants may direct their contributions into a variety of investment options provided through TIAA and CREF. The benefit to which a participant is entitled is the benefit that can be provided from the participants vested account.

Plan Loans - For Plan loans issued before November 1, 2021 participants could borrow a minimum of \$1,000 up to a maximum of \$50,000, subject to certain restrictions. Plan loans are repayable over five years except in the case of a loan used to acquire a principal residence which is repayable over a period of up to 10 years. Plan loans are secured against the balance in the participant's account, which must be maintained at 110% of the outstanding loan balance. Participant account balances are reserved and held as collateral in case of loan default. Plan loans were issued directly from funds owned by TIAA and CREF and not directly from a participant's account. Interest and principal are paid by the participant directly to TIAA and CREF. Plan loans are not considered investments of the Plan and therefore are not reported in the Statements of Net Assets Available for Benefits. The interest rates were determined by TIAA and CREF at the time of the loan and may be fixed or variable. The initial rate was determined by the terms of the controlling contract, as was the rate adjustment details and frequency and ranged from 4.00% to 7.77% as of December 31, 2022 and 2021 and mature through April 2031. Plan loans amounted to approximately \$1.5 million and \$2.6 million at December 31, 2022 and 2021, respectively.

Notes Receivable from Participants - Loans taken on or after November 1, 2021 are subject to the Participant loan format, where loans are funded directly from the participant's accounts; therefore, no funds are required to be held as collateral, but are considered investments of the Plan and are reported in the Statements of Net Assets Available for Benefits. Borrowing amounts under Participant loans are consistent with the previous Plan loan format. Participant loans have a one-time origination fee and a flat, annual maintenance fee thereafter and are expensed when they are incurred. Both the Schedule of Assets Held for Investment and Statement of Changes to Net Assets reflect participant loans. Participant loans are measured at their unpaid principal balance plus any accrued, but unpaid interest. Interest income is recorded on an accrual basis. No allowance for credit losses has been recorded as of December 31, 2022. If a participant ceases to make loan repayments and the Plan Administrator deems the participant loan to be in default, the participant's loan balance is reduced, and a benefit payment is recorded. Interest rates are fixed over the life of the loan and ranged from 4.25% - 8.00% and 4.25% as of December 31, 2022 and 2021, respectively. Participant loans amounted to approximately \$1.1 million and \$127,000 at December 31, 2022 and 2021, respectively.

Hardship Withdrawals - Hardship withdrawals are available to all participants to the extent of employee contributions and income and losses thereon in the event of an immediate and heavy financial need arising from certain occurrences set forth in the plan document.

Benefit Payments - A Participant may receive a distribution of any portion (or all) of his/her plan account in any of the following events:

- Participant's death
- Participant's becoming disabled (as defined under the terms of the Plan)
- Participant's attaining age 59½
- The severance of participant's employment with the College (in the form of a rollover)

The Plan is subject to certain distribution requirements under the terms of the IRC. A participant may be required to take certain "minimum distributions" from his/her plan account.

**TEACHERS COLLEGE, COLUMBIA UNIVERSITY
DEFINED CONTRIBUTION RETIREMENT PLAN**

NOTES TO FINANCIAL STATEMENTS

A participant may retire from or terminate employment with the College and begin receiving benefits from the Plan at any date thereafter. The payment of benefits to a participant shall not be deferred any later than April 1 of the calendar year following the later of the calendar year in which a participant attains age 72, or the calendar year in which a participant retires.

Plan Expenses - Administrative expenses related to investment management services and advisory service expenses are not separately reflected in the Statement of Changes in Net Assets Available for Benefits. These expenses are allocated among various funds and are included as an offset to net depreciation in fair value of investments.

Note 2 - Summary of Significant Accounting Policies:

Basis of Accounting - The accompanying financial statements are presented on the accrual basis of accounting.

Investment Valuation and Income Recognition - The Plan's investments are recorded at fair value except for the TIAA Traditional Annuity Accounts – fully benefit responsive, which are reported at contract value (note 5). 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. See note 4 for discussion of fair value measurement. Contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan. Purchases and sales 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 in the fair value of investments consists of realized gains and losses and changes in unrealized gains and losses in the Plan's investments.

Use of Estimates - The preparation of the Plan's financial statements in accordance with accounting principles generally accepted in the United States of America requires the Plan Administrator to make estimates and assumptions that affect the reported amounts of assets and liabilities, and the changes therein, and disclosure of contingent assets and liabilities and the reported amounts of additions to and deductions in net assets for benefits during the reporting period. Actual results, as determined at a later date, could differ materially from those estimates.

Payment of Benefits - Benefits are recorded when paid.

Subsequent Events - The Plan's Administrator has reviewed and evaluated all events and transactions from December 31, 2022 through October 12, 2023, the date the financial statements were available to be issued. The effect of those events and transactions that provide additional pertinent information about conditions that existed at the Statements of Net Assets Available for Benefits date have been recognized in the accompanying financial statements.

Note 3 - Certified Investment Information:

The Plan Administrator has elected the method of annual reporting compliance permitted by ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the DOL's Rules and Regulations for Reporting and Disclosures under ERISA. Accordingly, the Custodians, qualified institutions, have certified that the following investment information included in the accompanying financial statements and ERISA-required supplemental schedule is complete and accurate:

- (a) Investments, as shown in the Statements of Net Assets Available for Benefits as of December 31, 2022 and 2021.

TEACHERS COLLEGE, COLUMBIA UNIVERSITY
DEFINED CONTRIBUTION RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

- (b) Investment (loss)/income, as shown in the Statement of Changes in Net Assets Available for Benefits for the year ended December 31, 2022.
- (c) Investment information included in the Schedule H, Part IV, Line 4i - Schedule of Assets (Held at End of Year) as of December 31, 2022, as shown on the ERISA-required supplemental schedule of assets held (at end of year).

At the request of the Plan Administrator, the Plan's independent auditors did not perform auditing procedures with respect to this certified information, except for comparing such certified investment information to the related investment information included in the financial statements and ERISA-required supplemental schedule of assets (held at end of year).

Note 4 - Fair Value Measurements:

Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) 820, *Fair Value Measurements*, provides the framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (level 1 measurements) and the lowest priority to unobservable inputs (level 3 measurements). The three levels of the fair value hierarchy under FASB ASC 820 are described as follows:

- *Level 1* - Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.
- *Level 2* - Inputs to the valuation methodology include:
 - Quoted prices for similar assets or liabilities in active markets;
 - Quoted prices for identical or similar assets or liabilities in inactive markets;
 - Inputs other than quoted prices that are observable for the asset or liability; and
 - Inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified contractual term, the Level 2 input must be observable for substantially the full term of the asset or liability.

- *Level 3* - Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset's 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. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

The following is a description of the valuation methodologies used for assets measured at fair value at December 31, 2022 and 2021:

- *TIAA Traditional Annuity: non-benefit responsive*: Valued at contract value which approximates fair value. Contract value represents an aggregate of contributions, plus interest less withdrawals, if any. The fair value is derived from a discounted cash flow analysis and other factors (note 5).

**TEACHERS COLLEGE, COLUMBIA UNIVERSITY
DEFINED CONTRIBUTION RETIREMENT PLAN**

NOTES TO FINANCIAL STATEMENTS

- *Pooled Separate Account:* Valued at the net asset value (NAV) of shares held by the Plan at year-end as determined and published by the issuer and is the basis for current transactions. The NAV is principally derived from the market value of the underlying real estate holdings or other real-estate-related investments. In addition, the pooled separate account periodically holds securities that are generally priced using values obtained from independent pricing sources.
- *Registered Investment Companies:* Consists of mutual funds and variable annuities and are valued at the quoted prices of shares held by the Plan at year-end, which are quoted daily and listed on an active market. Prices quoted are the NAV of the shares of the investments, which are based on the fair value of the underlying securities.

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan Sponsor believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date. There were no changes in methodologies used at December 31, 2022 and 2021 and there were no transfers between levels for the years ended December 31, 2022 and 2021.

The College's Retirement Committee meets quarterly and performs due diligence reviews of the Plan's investments.

The following tables set forth by level, within the fair value hierarchy, the Plan's investments at fair value:

<i>Investments at Fair Value as of December 31, 2022</i>				
	<i>Level 1</i>	<i>Level 2</i>	<i>Level 3</i>	<i>Total</i>
Registered investment companies	\$ 314,420,151	\$ -	\$ -	\$ 314,420,151
Pooled separate account	22,782,220	-	-	22,782,220
TIAA traditional annuity accounts - non-benefit responsive	-	-	89,672,907	89,672,907
Total investments at fair value	<u>\$ 337,202,371</u>	<u>\$ -</u>	<u>\$ 89,672,907</u>	<u>\$ 426,875,278</u>
<i>Investments at Fair Value as of December 31, 2021</i>				
	<i>Level 1</i>	<i>Level 2</i>	<i>Level 3</i>	<i>Total</i>
Registered investment companies	\$ 387,095,538	\$ -	\$ -	\$ 387,095,538
Pooled separate account	21,462,429	-	-	21,462,429
TIAA traditional annuity accounts - non-benefit responsive	-	-	90,356,525	90,356,525
Total investments at fair value	<u>\$ 408,557,967</u>	<u>\$ -</u>	<u>\$ 90,356,525</u>	<u>\$ 498,914,492</u>

There are no unfunded commitments for investments that calculate NAV. Redemptions may occur daily, except for the TIAA Real Estate Pooled Separate Account, which offers daily liquidity, but interests may only be redeemable once per quarter and for the TIAA Traditional Annuity Accounts as described in note 5.

TEACHERS COLLEGE, COLUMBIA UNIVERSITY
DEFINED CONTRIBUTION RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

The following table presents information about significant unobservable inputs related to the Plan's investments in assets categorized as Level 3 in the fair value hierarchy at December 31, 2022 and 2021:

Type	Fair Value	Valuation Technique	Significant Unobservable Inputs	Range
December 31, 2022 -				
TIAA Traditional Annuity - Non-benefit responsive	\$ 89,672,907	Discounted cash flow Theoretical transfer (exit value)	Risk-adjusted discount rate applied*	RA: 3.70% - 6.25%
December 31, 2021 -				
TIAA Traditional Annuity - Non-benefit responsive	\$ 90,356,525	Discounted cash flow Theoretical transfer (exit value)	Risk-adjusted discount rate applied*	RA: 3.00% - 3.80%

* Unobservable inputs discount rate applied. Increases (decreases) in the discount rate applied in isolation can result in significantly lower (higher) fair values.

TIAA Traditional Annuity non-benefit responsive investments are held in the Retirement Annuity (RA) contract (note 5).

The following table presents a reconciliation for all Level 3 assets measured at fair value at December 31, 2022 and 2021:

	December 31,	
	2022	2021
Beginning balance	\$ 90,356,525	\$ 90,206,164
Purchases/contributions	680,137	521,095
Withdrawals/distributions	(5,093,769)	(4,829,504)
Earnings in accounts	3,730,014	4,458,770
Ending balance	<u>\$ 89,672,907</u>	<u>\$ 90,356,525</u>

**TEACHERS COLLEGE, COLUMBIA UNIVERSITY
DEFINED CONTRIBUTION RETIREMENT PLAN**

NOTES TO FINANCIAL STATEMENTS

Note 5 - TIAA Traditional Annuity Accounts:

The TIAA Traditional Annuity is offered through a number of insurance contracts issued by TIAA, which guarantees principal and also includes a guaranteed minimum interest rate based on TIAA's claims paying ability. The guaranteed annual interest rate is 3% for all premiums remitted since 1979 under all TIAA Traditional Annuity accumulating contracts with the exception of the Retirement Choice (RC) and Retirement Choice Plus (RCP) contracts. For the RC and RCP contracts, the guaranteed rate is between 1% and 3%. The contracts also offer the potential for greater growth through additional amounts, which may be declared on a year-by-year basis by the TIAA Board of Trustees. These additional amounts, when declared, remain in effect for the "declaration year," which begins each March 1. The additional interest can vary by contract. The TIAA Traditional Annuity contracts allocated by Plan participants include the RA, with an average yield and crediting interest rates ranging from 4.00% to 6.25% for 2022 and 3.00% for 2021 and the Supplemental Retirement (SRA) and the Group Supplemental Retirement Annuity (GSRA), with rates ranging from 3.25% to 5.50% for 2022 and 3.00% for 2021.

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

The TIAA Traditional Annuity is segregated into non-benefit and fully benefit responsive contract categories. The non-benefit responsive accounts are reported at contract value, which represents management's estimate of approximate fair value and is based on a discounted cash flow value calculated using an appropriate risk-adjusted market discount rate that correlates closely with TIAA Traditional Annuity Accounts' historical crediting rates. The fully benefit responsive accounts are reported at contract value. The contract value of the TIAA Traditional Annuity Accounts equals the accumulated cash contributions, interest credited to the plan's contracts, and transfers, if any, less any withdrawals. The TIAA Traditional Annuity Accounts are not available for sale or transfer on any securities exchange. Accordingly, transactions in similar investment instruments are not observable.

The annuity contracts have various liquidity restrictions on withdrawals and transfers. The RA non-benefit responsive contract does not permit lump-sum withdrawals and transfers must be spread over a period of 10 annual installments (or five annual installments for withdrawals after termination of employment). Fully benefit responsive contracts (SRA, GSRA) do not have restrictions on transfers or withdrawals except that the transfers cannot be made to competing funds.

TIAA invests amounts that back contracts in individual bonds, commercial mortgages, real estate, stocks, and other assets, which are selected by specialized teams targeting different sectors of the marketplace. The portfolio follows specific guidelines with respect to major asset classes, sectors, industries, property types, geographic regions, individual issuers/borrowers, foreign holdings, liquidity, quality, and derivatives.

For the fully benefit responsive accounts, certain events might limit the ability of the Plan to transact at contract value with the contract issuer. These events may be different under each contract. Examples of such events include the following:

1. The Plan's failure to qualify under Section 401(a) of the IRC
2. Premature termination of the contracts
3. Plan termination or merger

**TEACHERS COLLEGE, COLUMBIA UNIVERSITY
DEFINED CONTRIBUTION RETIREMENT PLAN**

NOTES TO FINANCIAL STATEMENTS

4. Changes to the Plan's prohibition on competing investment options
5. Bankruptcy of the Plan Sponsor or other Plan Sponsor events (for example, divestitures or spinoffs of a subsidiary) that significantly affect the Plan's normal operations.

No events are probable of occurring that might limit the ability of the Plan to transact at contract value with the contract issuers and that also would limit the ability of the Plan to transact at contract value with the participants.

In addition, certain events may allow the issuer to terminate the contracts with the Plan and settle at an amount different from contract value for the fully benefit responsive accounts. Those events may be different under each contract. Examples of such events include the following:

1. An uncured violation of the Plan's investment guidelines
2. A breach of material obligation under the contract
3. A material misrepresentation
4. A material amendment to the agreements without the consent of the issuer.

Note 6 - Notes Receivable from Participants:

Participants may obtain loans from the Plan at a minimum of \$1,000 and maximum of one-half of a participant's vested account balance, or \$50,000 whichever is less. Loans bear interest at a reasonable rate as determined at the time the loan is approved and are collateralized by the participant's account balance. Loans are payable directly to TIAA through personal deposits.

Note 7 - Tax Status:

The Plan has been designed to qualify under Section 403(b) of the IRC. The terms of the Plan have been prepared to conform with the sample language provided by the IRS in Revenue Procedure 2007-71. The Plan is required to operate in conformity with the IRC to maintain the tax-exempt status for plan participants under Section 403(b).

U.S. GAAP requires the Plan's 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.

Note 8 - Party-in-Interest Transactions:

All plan investments are managed by TIAA and CREF and affiliates, therefore, the related investment transactions qualify as party-in-interest transactions.

Note 9 - Risk and Uncertainties and Concentration of Investment Risk:

The Plan invests in registered investment companies, a pooled separate account, and the TIAA Traditional Annuity Accounts. Investment securities, in general, are exposed to various risks, such as interest rate risk, credit risk, and overall market volatility. Due to the level of risk associated with certain investment securities, it is 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 financial statements.

TEACHERS COLLEGE, COLUMBIA UNIVERSITY
DEFINED CONTRIBUTION RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

Some of the Plan's investments may invest directly or indirectly in securities with contractual cash flows, such as asset-backed securities, collateralized mortgage obligations, and commercial mortgage-backed securities, including securities backed by subprime mortgage loans. The value, liquidity, and related delinquencies or defaults, or both, may be adversely affected by shifts in the market's perception of the issuers and changes in interest rates. The TIAA Traditional Annuity Accounts represent approximately 27% and 23% of the Plan's net assets as of December 31, 2022 and 2021, respectively, and represents an obligation from TIAA to repay as amounts come due. There are no reserves against contract value for credit risk of the contract issuer or otherwise.

Users of these financial statements should be aware that the financial markets' volatility may significantly impact the subsequent valuation of the Plan's investments. Accordingly, the valuation of investments at December 31, 2022 and 2021 may not necessarily be indicative of amounts that could be realized in a current market exchange.

The Plan's investment in two funds comprise approximately 32% of investments at December 31, 2022 and 2021, respectively.

Note 10 - Plan Termination:

While the College has not expressed any intent to discontinue its contributions or to terminate the Plan, it has the right to do so at any time subject to the provisions of ERISA. In the event of Plan termination, participants' contributions and College contributions remain fully vested. Under no circumstances may the College take ownership of any of the Plan's assets as a result of such termination.

Note 11 - Reconciliation of Financial Statements to Form 5500:

The following is a reconciliation of net assets available for benefits per the accompanying financial statement and Form 5500:

	December 31,	
	2022	2021
Net assets available for benefits per the financial statements	\$ 461,930,898	\$ 531,276,044
Less: deemed distributions from loans	(61,630)	-
Net assets available for benefits per the Form 5500	<u>\$ 461,869,268</u>	<u>\$ 531,276,044</u>

The following is a reconciliation of the net decrease per the statement of changes in net assets available for benefits per the accompanying financial statements and Form 5500 for the year ended December 31, 2022:

Net decrease per the financial statements	\$ (69,345,146)
Add: deemed distributions	<u>(61,630)</u>
Net decrease per Schedule H of Form 5500	<u>\$ (69,406,776)</u>

**TEACHERS COLLEGE, COLUMBIA UNIVERSITY
DEFINED CONTRIBUTION RETIREMENT PLAN**

Schedule 1

SUPPLEMENTAL INFORMATION

SCHEDULE H, PART IV, LINE 4i – SCHEDULE OF ASSETS (HELD AT END OF YEAR)

DECEMBER 31, 2022

EIN 13-1624202

PLAN NUMBER 001

(a)	(b) Identity of Issuer	(c) Description	(e) Current Value
	<i>Guaranteed Investment Contracts:</i>		
*	TIAA	TIAA Traditional Annuity Accounts – Non-benefit Responsive	\$ 89,672,907
*	TIAA	TIAA Traditional Annuity Accounts – Fully Benefit Responsive	33,932,903
			<u>123,605,810</u>
	<i>Pooled Separate Account -</i>		
*	TIAA	TIAA Real Estate Account	<u>22,782,220</u>
	<i>Registered Investment Companies:</i>		
*	CREF	CREF Stock	60,144,484
*	CREF	CREF Money Market	4,267,608
*	CREF	CREF Social Choice	9,589,889
*	CREF	CREF Core Bond	3,836,428
*	CREF	CREF Global Equities	6,284,423
*	CREF	CREF Growth	14,281,206
*	CREF	CREF Equity Index	9,628,600
*	CREF	CREF Inflation-Linked Bond	1,964,557
*	TIAA-CREF	TIAA-CREF Lfcyle Idx 2010-Inst	5,990,567
*	TIAA-CREF	TIAA-CREF Lfcyle Idx 2015-Inst	5,939,736
*	TIAA-CREF	TIAA-CREF Lfcyle Idx 2020-Inst	5,257,206
*	TIAA-CREF	TIAA-CREF Lfcyle Idx 2025-Inst	7,104,353
*	TIAA-CREF	TIAA-CREF Lfcyle Idx 2030-Inst	12,084,372
*	TIAA-CREF	TIAA-CREF Lfcyle Idx 2035-Inst	12,977,615
*	TIAA-CREF	TIAA-CREF Lfcyle Idx 2040-Inst	13,599,264
*	TIAA-CREF	TIAA-CREF Lfcyle Idx 2045-Inst	8,608,753
*	TIAA-CREF	TIAA-CREF Lfcyle Idx 2050-Inst	5,137,283
*	TIAA-CREF	TIAA-CREF Lfcyle Idx 2055-Inst	1,883,933
*	TIAA-CREF	TIAA-CREF Lfcyle Idx 2060-Inst	757,763
*	TIAA-CREF	TIAA-CREF Lfcyle Idx 2065-Inst	242,957
*	TIAA-CREF	TIAA-CREF Lfcyle Idx RtIn-Inst	231,212
*	TIAA-CREF	TIAA-CREF Intl Eq Idx-Inst	15,641,092
*	TIAA-CREF	TIAA-CREF Real Est Secs-Inst	2,573,691
*	TIAA-CREF	TIAA-CREF Social Ch Eq-Inst	2,986,365
	MFS	MFS Intl Diversification R4	9,681,963
	MFS	MFS Mid Cap Growth Fund R6	700,431
	T. Rowe Price	T Rowe Price QM US Sm Cp Gr Eq	1,811,785
	T. Rowe Price	T. Rowe Price Blue Chip Gr I	2,419,600
	Metropolitan West	Metropolitan West TotRet Bnd I	2,946,960
	BlackRock	BlackRock Hgh Yld Bd Portf K	4,289,018
	J.P.Morgan Asset Management	JPMorgan Equity Inc Fd Cla R6	18,042,241
	American Funds	American Funds New World R6	1,315,950
	Victory Funds	Victory Sycamore Estab Val R6	3,574,118

See independent auditors' report.

**TEACHERS COLLEGE, COLUMBIA UNIVERSITY
DEFINED CONTRIBUTION RETIREMENT PLAN**

**Schedule 1
(continued)**

SUPPLEMENTAL INFORMATION

SCHEDULE H, PART IV, LINE 4i – SCHEDULE OF ASSETS (HELD AT END OF YEAR)

**DECEMBER 31, 2022
EIN 13-1624202
PLAN NUMBER 001**

(a)	(b) Identity of Issuer	(c) Description	(e) Current Value
	Allspring Global Investments	Allspring Spec SmallCap Val R6	1,262,709
	Vanguard	Vanguard Inst Idx Inst	22,230,278
	Vanguard	Vanguard Extended Mkt Idx Inst	18,014,673
	Vanguard	Vanguard Federal Money Mkt Inv	2,946,921
	Vanguard	Vanguard Infl Protect Sec Inst	3,863,066
	Vanguard	Vanguard Short-Trm Invt Gd Adm	3,064,686
	Vanguard	Vanguard Ttl Bd Mkt Idx Inst	4,752,417
	Vanguard	Vanguard Real Estate Idx Adm	<u>2,489,978</u>
			314,420,151
	* Notes receivable from participants	Interest rates of 4.25% - 8%	<u>1,122,717</u>
			<u>\$ 461,930,898</u>

* Indicates party-in-interest to the Plan.

See independent auditors' report.

Plan Name	Teachers College, Columbia University DC Retirement Plan
Plan Sponsor EIN	13-1624202
ERISA Plan #	001
Plan Year Ending	December 31, 2022

The required attachment marked with an "X" in the Attachment column is included within the Accountant's Opinion attachment to Sch. H, Part III, Line 3, which consists of the entire audit report issued by the plan's Independent Qualified Public Accountant (IQPA).

Form/Schedule	Line #	Description	Attachment
5500 Sch. H	Line 3	Financial statements used in formulating the IQPA's opinion	X
5500 Sch. H	Line 4i	Schedule of Assets (Held at End of Year)	X
5500 Sch. H	Line 4i	Schedule of Assets (Acquired and Disposed of Within Year)	
5500 Sch. H	Line 4j	Schedule of Reportable Transactions	
5500 Sch. H	Line 4a	Schedule of Delinquent Participant Contributions	

Plan Name	Teachers College, Columbia University DC Retirement Plan
Plan Sponsor EIN	13-1624202
ERISA Plan #	001
Plan Year Ending	December 31, 2022

The required attachment marked with an "X" in the Attachment column is included within the Accountant's Opinion attachment to Sch. H, Part III, Line 3, which consists of the entire audit report issued by the plan's Independent Qualified Public Accountant (IQPA).

Form/Schedule	Line #	Description	Attachment
5500 Sch. H	Line 3	Financial statements used in formulating the IQPA's opinion	X
5500 Sch. H	Line 4i	Schedule of Assets (Held at End of Year)	X
5500 Sch. H	Line 4i	Schedule of Assets (Acquired and Disposed of Within Year)	
5500 Sch. H	Line 4j	Schedule of Reportable Transactions	
5500 Sch. H	Line 4a	Schedule of Delinquent Participant Contributions	