

<p style="text-align: center;">Form 5500</p> <p style="font-size: small;">Department of the Treasury Internal Revenue Service</p> <hr/> <p style="font-size: small;">Department of Labor Employee Benefits Security Administration</p> <hr/> <p style="font-size: x-small;">Pension Benefit Guaranty Corporation</p>	<p>Annual Return/Report of Employee Benefit Plan</p> <p style="font-size: x-small;">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).</p> <p style="text-align: center;">▶ Complete all entries in accordance with the instructions to the Form 5500.</p>	<p style="font-size: x-small;">OMB Nos. 1210-0110 1210-0089</p> <hr/> <p style="font-size: large; font-weight: bold; text-align: center;">2024</p> <hr/> <p style="text-align: center; font-weight: bold;">This Form is Open to Public Inspection</p>
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Part I Annual Report Identification Information
 For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

A This return/report is for: a multiemployer plan a multiple-employer plan (Filers checking this box must provide 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

<p>1a Name of plan <u>AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE DEFINED CONTRIBUTION PLAN</u></p>	<p>1b Three-digit plan number (PN) ▶ <u>001</u></p>
<p>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>AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE</u> <u>AAAS</u></p> <p><u>1200 NEW YORK AVENUE, NW</u> <u>WASHINGTON, DC 20005</u></p>	<p>1c Effective date of plan <u>01/01/1957</u></p> <p>2b Employer Identification Number (EIN) <u>53-0196568</u></p> <p>2c Plan Sponsor's telephone number <u>202-326-6685</u></p> <p>2d Business code (see instructions) <u>813000</u></p>

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.	10/15/2025	STEPHEN ISSING
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/15/2025	STEPHEN ISSING
	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

3a Plan administrator's name and address <input checked="" type="checkbox"/> 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	1342
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 a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits..... c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) g(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	6a(1)	463
	6a(2)	468
	6b	0
	6c	881
	6d	1349
	6e	6
	6f	1355
	6g(1)	1334
6g(2)	1347	
6h	21	
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 2R 2S 2T 3D

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)	9b Plan benefit arrangement (check all that apply)
(1) <input checked="" type="checkbox"/> Insurance	(1) <input checked="" type="checkbox"/> Insurance
(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts	(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts
(3) <input checked="" type="checkbox"/> Trust	(3) <input checked="" type="checkbox"/> Trust
(4) <input type="checkbox"/> General assets of the sponsor	(4) <input type="checkbox"/> 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
- (4) **DCG** (Individual Plan Information) – Number Attached _____
- (5) **MEP** (Multiple-Employer Retirement Plan Information)

b General Schedules

- (1) **H** (Financial Information)
- (2) **I** (Financial Information – Small Plan)
- (3) **A** (Insurance Information) – Number Attached 1
- (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 2024 Form M-1 annual report. If the plan was not required to file the 2024 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 _____

<p>SCHEDULE A (Form 5500)</p> <p>Department of the Treasury Internal Revenue Service</p> <hr/> <p>Department of Labor Employee Benefits Security Administration</p> <hr/> <p>Pension Benefit Guaranty Corporation</p>	<p>Insurance Information</p> <p>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</p> <p>▶ File as an attachment to Form 5500.</p> <p>▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).</p>	<p>OMB No. 1210-0110</p> <hr/> <p>2024</p> <hr/> <p>This Form is Open to Public Inspection</p>
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For calendar plan year 2024 or fiscal plan year beginning **01/01/2024** and ending **12/31/2024**

<p>A Name of plan AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE DEFINED CONTRIBUTION PLAN</p>	<p>B Three-digit plan number (PN) ▶ 001</p>	
<p>C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE</p>	<p>D Employer Identification Number (EIN) 53-0196568</p>	

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.

1 Coverage Information:

(a) Name of insurance carrier
TIAA-CREF

(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	151028	815	01/01/2024	12/31/2024

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 0	(b) Total amount of fees paid 0
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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

(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

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(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 46430268
5	Current value of plan's interest under this contract in separate accounts at year end.....	5 127889743
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) <input type="checkbox"/> individual policies (2) <input type="checkbox"/> group deferred annuity (3) <input type="checkbox"/> other (specify) ▶	
f	If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ <input type="checkbox"/>	
7	Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)	
a	Type of contract: (1) <input type="checkbox"/> deposit administration (2) <input type="checkbox"/> immediate participation guarantee (3) <input checked="" type="checkbox"/> guaranteed investment (4) <input type="checkbox"/> other ▶	
b	Balance at the end of the previous year	7b 45723100
c	Additions: (1) Contributions deposited during the year	7c(1) 398879
	(2) Dividends and credits.....	7c(2)
	(3) Interest credited during the year.....	7c(3) 2035749
	(4) Transferred from separate account	7c(4) 1549402
	(5) Other (specify below).....	7c(5) 104051
	▶ MISCELLANEOUS CREDITS, INCLUDING INVESTMENT GAINS AND TRANSFERS FROM FULLY ALLOCATED CONTRACTS	
	(6) Total additions	7c(6) 4088081
d	Total of balance and additions (add lines 7b and 7c(6))	7d 49811181
e	Deductions:	
	(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1) 2058280
	(2) Administration charge made by carrier.....	7e(2) 104021
	(3) Transferred to separate account	7e(3) 1217950
	(4) Other (specify below).....	7e(4) 662
	▶ MISCELLANEOUS DEBITS, INCLUDING INVESTMENT LOSSES AND TRANSFERS TO FULLY ALLOCATED CONTRACTS	
	(5) Total deductions	7e(5) 3380913
f	Balance at the end of the current year (subtract line 7e(5) from line 7d).....	7f 46430268

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 <input type="checkbox"/> paid in cash, or <input type="checkbox"/> 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.	10b

Specify nature of costs.

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) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	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.	<small>OMB No. 1210-0110</small> 2024 This Form is Open to Public Inspection.
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For calendar plan year 2024 or fiscal plan year beginning **01/01/2024** and ending **12/31/2024**

A Name of plan AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE DEFINED CONTRIBUTION PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE	D Employer Identification Number (EIN) 53-0196568	

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)

PENSIONMARK FINANCIAL GROUP, LLC

61-1758632

(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?
27 50	NONE	64250	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

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

BDO USA, P.C.

13-5381590

(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	26976	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

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

GROOM LAW GROUP, CHARTERED

52-1219029

(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?
29 50	NONE	12780	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

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	1300	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	0	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

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

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

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

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

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) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small>	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.	<small>OMB No. 1210-0110</small> 2024 This Form is Open to Public Inspection.
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

A Name of plan <u>AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE DEFINED CONTRIBUTION PLAN</u>	B Three-digit plan number (PN)	<u>001</u>
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE</u>	D Employer Identification Number (EIN) <u>53-0196568</u>	

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:	<u>TIAA REAL ESTATE</u>		
b Name of sponsor of entity listed in (a):	<u>TIAA-CREF</u>		
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)	
<u>13-1624203-004</u>	<u>P</u>		<u>8657905</u>
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 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)

SCHEDULE H (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	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 2024 This Form is Open to Public Inspection
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For calendar plan year 2024 or fiscal plan year beginning **01/01/2024** and ending **12/31/2024**

A Name of plan AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE DEFINED CONTRIBUTION PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE	D Employer Identification Number (EIN) 53-0196568	

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)	208085
(2) Participant contributions	1b(2)	147760
(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)	226591
(9) Value of interest in common/collective trusts	1c(9)	
(10) Value of interest in pooled separate accounts	1c(10)	8657905
(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)	199809399
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)	46430268
(15) Other	1c(15)	1231912

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	228016694	256711920
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	228016694	256711920

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)	5186101	
(B) Participants.....	2a(1)(B)	3701429	
(C) Others (including rollovers).....	2a(1)(C)	1220834	
(2) Noncash contributions.....	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		10108364
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)	18616	
(F) Other.....	2b(1)(F)	2035749	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		2054365
(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)	3206353	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		3206353
(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)		
(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)		

		(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)		-346929
(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)		23182230
c Other income	2c		215703
d Total income. Add all income amounts in column (b) and enter total.....	2d		38420086

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers.....	2e(1)	9599049	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other.....	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		9599049
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions).....	2g		20504
h Interest expense.....	2h		
i Administrative expenses:			
(1) Salaries and allowances	2i(1)		
(2) Contract administrator fees	2i(2)		
(3) Recordkeeping fees	2i(3)	1300	
(4) IQPA audit fees	2i(4)	26976	
(5) Investment advisory and investment management fees	2i(5)	64250	
(6) Bank or trust company trustee/custodial fees	2i(6)		
(7) Actuarial fees	2i(7)		
(8) Legal fees	2i(8)	12781	
(9) Valuation/appraisal fees	2i(9)		
(10) Other trustee fees and expenses	2i(10)		
(11) Other expenses.....	2i(11)		
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		105307
j Total expenses. Add all expense amounts in column (b) and enter total.....	2j		9724860

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		28695226
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: **BDO USA, P.C.**

(2) EIN: **13-5381590**

d The opinion of an independent qualified public accountant is **not attached** as part of Schedule H because:

(1) This form is filed for a CCT, PSA, DCG 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. DCGs do not complete lines 4e, 4f, 4k, 4l, and 5, and DCGs generally complete the rest of Part IV collectively for all plans in the DCG, except as otherwise provided (see instructions).

During the plan year:

	Yes	No	Amount
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.)		X	
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	
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	
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	
e Was this plan covered by a fidelity bond?	X		10000000
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	
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	
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	
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		
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	
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	
l Has the plan failed to provide any benefit when due under the plan?		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		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.			

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) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	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.	<small>OMB No. 1210-0110</small> 2024 This Form is Open to Public Inspection.
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

A Name of plan <u>AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE DEFINED CONTRIBUTION 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>AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE</u>	D Employer Identification Number (EIN) <u>53-0196568</u>	

Part I	Distributions
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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
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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	
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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.)
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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
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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.
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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

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: <input type="checkbox"/> last contributing employer <input type="checkbox"/> alternative <input type="checkbox"/> reasonable approximation (see instructions for required attachment).....	14a	
b The plan year immediately preceding the current plan year. <input type="checkbox"/> 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. <input type="checkbox"/> 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

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) and (b):

a Enter the percentage of plan assets held as:
 Public Equity: _____% Private Equity: _____% Investment-Grade Debt and Interest Rate Hedging Assets: _____%
 High-Yield Debt: _____% Real Assets: _____% Cash or Cash Equivalents: _____% Other: _____%

b Provide the average duration of the Investment-Grade Debt and Interest Rate Hedging Assets:
 0-5 years 5-10 years 10-15 years 15 years or more

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: _____

Part VII IRS Compliance Questions

21a Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? Yes No

21b If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).
 Design-based safe harbor method
 "Prior year" ADP test
 "Current year" ADP test
 N/A

22 If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter 08 / 07 / 2017 (MM/DD/YYYY) and the Opinion Letter serial number J600957A.

**American Association for the Advancement of Science
Defined Contribution Plan
Financial Statements and ERISA-Required Supplemental Schedule
As of December 31, 2024 and 2023
and for the Year Ended December 31, 2024**

The report accompanying these financial statements was issued by BDO USA, P.C., a Virginia professional corporation and the U.S. member of BDO International Limited, a UK company limited by guarantee.



**American Association for the Advancement of Science
Defined Contribution Plan
Report and Financial Statements**

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Note: Other schedules required by Section 2520.103.10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA have been omitted because they are not applicable



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Independent Auditor's Report

To the Plan Administrator
American Association for the Advancement of Science
Defined Contribution Plan
Washington, D.C.

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

We were engaged to perform audits of the financial statements of **American Association for the Advancement of Science Defined Contribution 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). The financial statements comprise the statements of net assets available for benefits as of December 31, 2024 and 2023, and the related statement of changes in net assets available for benefits for the year ended December 31, 2024, 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) Rules and Regulations for Reporting and Disclosure under ERISA (ERISA Section 103(a)(3)(C) audit). 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 (qualified institution), provided that the investment information is prepared and certified to by the qualified institution in accordance with 29 CFR 2520.103-5 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

Management has obtained certifications from a qualified institution as of December 31, 2024 and 2023, and for the year ended December 31, 2024, 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

Prior to January 1, 2009, records were maintained at a contract, not a plan level; therefore, management has not maintained, and Teachers Insurance and Annuity Association and College Retirement Equities Fund (TIAA and CREF) did not provide, sufficient accounting records and supporting documentation relating to certain annuity contracts and custodial accounts issued to current and former employees, and supporting documentation is not adequate to assure the completeness and accuracy of the amounts included in the financial statements. 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 (GAAP), and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.



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

Management is responsible for maintaining a current plan instrument, including all plan amendments. Management is also responsible for 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.

Auditor's 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 (GAAS) and to issue an auditor's 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 (Schedule H, line 4i- Schedule of Assets (Held at End of Year) as of December 31, 2024) 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 matter 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 referred to above.

BDO USA, P.C.

McLean, Virginia

October 15, 2025

**American Association for the Advancement of Science
Defined Contribution Plan
Statements of Net Assets Available for Benefits**

<i>December 31,</i>	2024	2023
Assets		
Investments:		
Investments, at fair value	\$ 249,546,852	\$ 220,111,978
Investments, at contract value	6,582,632	7,376,140
Total Investments	256,129,484	227,488,118
Receivables:		
Employer contributions	208,085	197,315
Participant contributions	147,760	138,360
Notes receivable from participants	226,591	192,901
Total Receivables	582,436	528,576
Net Assets Available for Benefits	\$ 256,711,920	\$ 228,016,694

See accompanying notes to financial statements.

**American Association for the Advancement of Science
Defined Contribution Plan
Statement of Changes in Net Assets Available for Benefits**

<i>Year ended December 31,</i>	<i>2024</i>
Additions	
Investment income:	
Net appreciation in fair value of investments	\$ 24,057,062
Interest and dividend income	4,020,341
Total Investment Income	28,077,403
Interest income on notes receivable from participants	18,616
Other income	215,703
Contributions:	
Employer	5,186,101
Participants	3,701,429
Rollovers	1,220,834
Total Contributions	10,108,364
Total Additions	38,420,086
Deductions	
Benefits paid to participants	9,619,553
Administrative expenses	105,307
Total Deductions	9,724,860
Net Increase	28,695,226
Net Assets Available for Benefits, beginning of year	228,016,694
Net Assets Available for Benefits, end of year	\$ 256,711,920

See accompanying notes to financial statements.

**American Association for the Advancement of Science
Defined Contribution Plan
Notes to Financial Statements**

1. Description of Plan

The following description of the American Association for the Advancement of Science (“AAAS” or the “Association”) Defined Contribution Plan (the “Plan”) provides only general information. Participants should refer to the Plan document for a more complete description of the Plan’s provisions.

- a) *General.* The Plan, established January 1, 1957, is a defined contribution plan established under the provisions of section 403(b) of the Internal Revenue Code (the “Code”) covering all eligible Association employees, as defined in the Plan. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (“ERISA”), as amended.
- b) *Custodian and Administration of the Plan.* All investments are managed by TIAA or an affiliated entity. The AAAS Defined Contribution Retirement Committee determines the appropriateness of the Plan’s investment offerings and monitors investment performance. The administrator of the Plan is AAAS.
- c) *Annual Reporting Requirements.* In November 2007, the Department of Labor (“DOL”) issued amended regulations eliminating an exemption granted to 403(b) plans from the annual Form 5500 reporting, disclosure and audit requirements under ERISA effective for tax year 2009. Prior to January 1, 2009, the Plan sponsor and TIAA and CREF were not required to, and did not, maintain records at a plan level. Neither the Plan sponsor nor TIAA and CREF have been able to produce sufficient accounting records and supporting documents relating to certain annuity and custodial accounts issued to current and former employees prior to January 1, 2009. As a result, the completeness and the accuracy of the excluded annuity and custodial accounts, related investment income and distributions related to these accounts, if any, could not be determined.
- d) *Eligibility.* Employees may participate in the Plan immediately upon hire by the Association. Employees are eligible for employer matching effective the latter of reaching age 21 or at the beginning of the payroll period immediately following the completion of six months of eligibility service. Employees continue to be eligible to participate in the Plan, but will receive no employer match, during an unpaid leave of absence or if disabled under the Association’s long term disability program. Once retirement distributions are initiated, no further contributions may be made by the employer to the participant’s retirement account.
- e) *Contributions.* Each year, participants may make contributions from Regular Salary, as defined in the Plan, on a pre-tax basis, up to the Internal Revenue Service (“IRS”) 402(g) limit. For 2024, the IRS pre-tax contribution limit was the lesser of total compensation or \$23,000. Participants may contribute after-tax contributions to the Plan in accordance with the Plan provisions. Participants who have attained age 50 before the end of the Plan year are eligible to make catch-up contributions up to a maximum of \$7,500, per IRS regulations. Participants are entitled to receive a distribution from another plan as described in section 403(b) of the Code or section 401(k) of the Code that is an eligible rollover distribution under section 402 of the Code. The Plan sponsor will accept such amount under the Plan provided the rollover to the Plan is made either directly from the other plan or by the participant within sixty days of the receipt of the distribution. The Plan will not accept rollovers of after-tax contributions from another plan. Participants direct the investment of their contributions into various investment options offered by the Plan. The Plan currently offers various registered investment companies, a pooled separate account, and several insurance investment contracts as investment options for participants. The Association contributes eight percent of Regular Salary, as defined in the Plan, for

American Association for the Advancement of Science
Defined Contribution Plan
Notes to Financial Statements

current employee participants, as defined in the Plan, regardless of whether the participant contributes, and matches additional employee contributions to the Plan up to four percent (whole percentages only), based on the participant's contribution, of Regular Salary, as defined in the Plan. These amounts are established through salary reduction agreements with the Association. Every enrolled participant is subject to the Automatic Contribution Arrangement ("ACA") with a default base rate at 1% of regular salary unless the participant has elected a higher deferral percentage. The participant has the right to waive out of the ACA default online but will default to 1% at the beginning of each Plan year. After defaulting to 1% contribution in the first year, the default contribution will automatically increase by 1% until the fourth year at 4%.

- f) *Participant Accounts.* Each participant's account is credited with (i) the participant's contribution, including qualified rollovers, (ii) the Association's contribution designated for the participant, based on the contribution formula provided in the Plan, and (iii) Plan earnings (losses), and charged with an allocation of administrative expenses. Allocations are based on participant earnings or account balances, as defined.
- g) *Vesting.* For all participants in the Plan hired after July 1, 2018, employer contributions will vest at 20% each year over five years. Contributions, plus earnings thereon, for all participants hired prior to July 1, 2018 are fully vested and non- forfeitable when such Plan contributions are made.
- h) *Plan Loans.* Participants have the ability to enter into loans directly with TIAA and CREF, using their contributions as collateral for the loan. The participant must maintain 110% of the loan as collateral to secure the loan in the event of default. The minimum loan amount is \$1,000 and the maximum loan amount is \$50,000 or 45% of a participant's vested account balance (whichever is less). The maximum term of a Plan loan is five years, or ten years if the loan is for the purchase of a principal residence. As of December 31, 2024 and 2023, participants had outstanding loans of \$31,613 and \$58,997, respectively, and participants had pledged \$34,774 and \$64,896 of Plan assets as collateral, respectively. Interest is paid by the participants to TIAA with rates ranging from 5.02% to 5.68% for years ended December 31, 2024 and 2023. The collateral is held in the TIAA Traditional Annuity as either part of a Group Supplemental Retirement Annuity ("GSRA") contract or as a separate Retirement Loan contract. When a Plan loan goes into default, the collateral associated with the loan would not be distributed to TIAA and CREF unless the participant was otherwise eligible for a distribution. The loans are not shown in the Plan's statements of net assets available for benefits as the loans are not made from Plan assets and are therefore not considered assets of the Plan.
- i) *Notes Receivable from Participants.* Participants are permitted to borrow from their accounts a minimum of \$1,000 up to a maximum equal to the lesser of 50% of the vested balance or \$50,000 reduced by the participant's highest outstanding note balance during the 12-month period ending on the date of the note. Also, each participant may not have more than one loan outstanding at any time. A note is secured by the balance in the participant's account and bears interest at a rate commensurate with market rates for similar notes, defined as the prime rate plus one percent. The notes bear interest rates that ranged from 4.25% to 9.50% for the year ended December 31, 2024. Principal and interest are paid through bi-weekly payroll deductions.
- j) *Payment of Benefits.* A participant may elect to receive retirement benefits under any of the forms of benefit available under the relevant funding vehicle, as defined in the Plan. However, notwithstanding any other provision in the Plan, distributions of employer contributions may be paid only when a participant attains age 59 1/2, separates from service, dies or becomes terminally ill as defined in the

**American Association for the Advancement of Science
Defined Contribution Plan
Notes to Financial Statements**

Plan. Distributions of participant contributions may be paid only when a participant attains age 59 1/2, separates from service, dies, becomes terminally ill as defined in the Plan, or has a qualifying hardship, as defined in the Plan. Upon retirement, participants may elect to transfer the accumulations in their Plan investments to a TIAA Retirement Annuity.

- k) *Forfeitures.* Forfeitures of the nonvested portion of the Plan balance resulting from termination of employment may be used reduce the Plan's future contributions to the Plan. Forfeitures in the amount of \$52,171 was used to reduce contributions to the Plan in 2024. The Plan's forfeited nonvested account balance was \$155,637 and \$161,484 as of December 31, 2024 and 2023, respectively.

2. Summary of Accounting Policies

Basis of Accounting

The financial statements of the Plan are prepared based on the accrual basis of accounting in accordance with generally accepted accounting principles in the United States of America (U.S. GAAP).

Use of Estimates

The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein, and disclosure of contingent assets and liabilities. Actual results could differ materially, in the near term, from those estimates.

Investment Valuation and Income Recognition

Investments are reported at fair value except for the Plan's direct investment in fully-benefit responsive investment contracts which are reported at contract value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Management reviews and evaluates the fair values provided by TIAA and CREF and agrees with the valuation methods and assumptions used. See Note 4 for further information related to fair value measurements.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation (depreciation) in the fair value of investments includes the Plan's gains and losses on investments bought and sold as well as held during the year.

Contributions Receivable

Participant contributions and any related employer matching contributions are recognized in the period during which the Association makes the respective payroll deduction from the participant's compensation. Employer contributions are recorded in the relevant period in accordance with the terms in the Plan document.

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance plus accrued unpaid interest. If a participant ceases to make loan repayments and the Plan Administrator deems the participant loan to be in default, the participant loan balance is reduced, and a benefit payment is recorded.

**American Association for the Advancement of Science
Defined Contribution Plan
Notes to Financial Statements**

Payment of Benefits

Benefits are recorded when paid.

Administrative Expenses

Certain expenses of maintaining the Plan are paid by the Plan, unless otherwise paid by the Association. Expenses that are paid by the Association are excluded from these financial statements. Fees related to participant-initiated transactions are charged directly to the participant's account and are included in administrative expenses. Investment-related expenses are included in net appreciation (depreciation) in fair value of investments.

3. Information Certified by TIAA and CREF

Certain information related to investments and notes receivable from participants disclosed in the accompanying financial statements and ERISA-required supplemental schedule, held at December 31, 2024 and 2023, and net appreciation in fair value of investments, interest and dividends, and interest income on notes receivable from participants for the year ended December 31, 2024, was obtained by management and agreed to or derived from information certified as complete and accurate by TIAA and CREF, a qualified institution.

4. Fair Value Measurements

Accounting Standards Codification (ASC) 820, *Fair Value Measurement*, provides the framework for measuring fair value, and defines fair value as the exchange price that would be received for an asset or paid to transfer a liability in the principal or most advantageous market for the asset or liability (an exit price) in an orderly transaction between market participants on the measurement date. 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 fair value hierarchy 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:

- i) quoted prices for similar assets or liabilities in active markets;
- ii) quoted prices for identical or similar assets or liabilities in inactive markets;
- iii) inputs other than quoted prices that are observable for the asset or liability;
- iv) 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.

**American Association for the Advancement of Science
Defined Contribution Plan
Notes to Financial Statements**

The following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2024 and 2023.

TIAA Traditional Annuities - RA: The TIAA Traditional Retirement Annuity ("RA") is a guaranteed fixed annuity whereby TIAA guarantees principal and pays a guaranteed minimum interest rate, as declared by the TIAA Board on at least an annual basis. Distributions, withdrawals, and transfer out of the RA contract can only be made in 10 annual installments. The RA contract is non-fully benefit responsive. Fair value is determined based on a discounted cash flow model by discounting the related cash flows based on current yields of similar instruments with comparable durations considering the creditworthiness of the issuer or the theoretical exit price. The annuity is not for sale or transfer on any securities exchange.

TIAA Real Estate pooled separate account: Units held in the pooled separate account ("PSA") are valued at the net asset value ("NAV") based on the fair market value of the underlying investments of the account less its liabilities. The NAV is published daily on NASDAQ. Valuation of the PSA's real estate properties are based on real estate appraisals, which are estimates of property values based on a professional's opinion and may not be accurate predictors of the amount the PSA would actually receive if it sold a property. Appraisals can be subjective in certain respects and rely on a variety of assumptions (including comparable property sales and historic pricing) and conditions at that property or in the market in which the property is located, which may change materially after the appraisal is conducted. Among other things, market prices for comparable real estate may be volatile, in particular if there has been a lack of recent transaction activity in such market. Redemptions are limited to one per quarter.

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

CREF Variable Annuities: The CREF variable annuities are separate accounts which are registered investments that invest principally in equity securities, fixed-income instruments and short-term investments in accordance with each portfolio's investment objectives. Units held in the registered investments are valued at the NAV. The NAV is published daily on NASDAQ and on the TIAA website. The NAV is measured based on the fair value of the underlying investments held by the fund less its liabilities. The fair value of the underlying investments are determined using market quotations or prices obtained from independent pricing sources that may employ various pricing methods to value the investments, including matrix pricing. On a daily basis, units in the registered investments are revalued to reflect performance of the underlying investments minus any fees and charges. There are no trading restrictions relating to the registered investments. Participant transactions (purchases and sales) may occur daily, with certain restrictions impacting participants' ability to transact.

The TIAA-CREF Self-Directed brokerage account consists of mutual funds, as described above.

The preceding methods described may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Plan 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.

**American Association for the Advancement of Science
Defined Contribution Plan
Notes to Financial Statements**

The following tables set forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2024 and 2023.

Investments at Fair Value as of December 31, 2024

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Traditional Annuities - RA	\$ -	\$ -	\$ 39,847,636	\$ 39,847,636
Pooled Separate Account	-	8,657,905	-	8,657,905
Mutual Funds	80,577,561	-	-	80,577,561
Variable Annuities	-	119,231,838	-	119,231,838
Self-directed brokerage accounts	1,231,912	-	-	1,231,912
Total investments at fair value	\$ 81,809,473	\$ 127,889,743	\$ 39,847,636	\$ 249,546,852

Investments at Fair Value as of December 31, 2023

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Traditional Annuities - RA	\$ -	\$ -	\$ 38,346,960	\$ 38,346,960
Pooled Separate Account	-	8,248,964	-	8,248,964
Mutual Funds	69,241,203	-	-	69,241,203
Variable Annuities	-	104,206,432	-	104,206,432
Self-directed brokerage accounts	68,419	-	-	68,419
Total investments at fair value	\$ 69,309,622	\$ 112,455,396	\$ 38,346,960	\$ 220,111,978

The following table presents information about the valuation techniques used by management and using information provided by TIAA and CREF to measure fair value, significant unobservable inputs and the range of values for those inputs related to the Plan's investment in assets categorized as Level 3 in the fair value hierarchy at December 31, 2024 and 2023:

Quantitative Information about Significant Unobservable Inputs Used in Level 3 Fair Value Measurements

Type	Fair Value 2024	Fair Value 2023	Principal Valuation Technique	Significant Unobservable Inputs	Range of Significant Input Values
TIAA Traditional Annuity - RA	\$39,847,636	\$38,346,960	Discounted cash flow Theoretical transfer (exit value)	Risk-adjusted discount rate applied	RA – 1.00% - 3.00%

During 2024, total purchases and sales of the TIAA Traditional RA were \$1,666,000 and \$1,940,562, respectively.

**American Association for the Advancement of Science
Defined Contribution Plan
Notes to Financial Statements**

5. Investments at Contract Value

The TIAA Traditional Group Supplemental Retirement Annuity ("GSRA") contracts are fully benefit-responsive, as contract value is the relevant measurement attribute for that portion of the net assets available for benefits attributable to the guaranteed investment contract. The TIAA Traditional Annuity holdings within the GSRA contracts contain no liquidity restrictions. The traditional annuity contracts are presented on the face of the statements of net assets available for benefits at contract value. Participants may ordinarily direct the withdrawal or transfer of all or a portion of their investment at contract value without restriction.

There are no reserves against contract value for credit risk of the contract issuer or otherwise. The crediting interest rate is based on a formula agreed upon with the issuer, but it may not be less than 3 percent. Such interest rates are reviewed on an annual basis for resetting. Additional amounts may be declared on a year-by-year basis by the TIAA Board of Trustees.

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

6. Parties-in-Interest and Related-Party Transactions

Certain Plan investments are investments issued by TIAA and CREF. TIAA is the plan's recordkeeper and service provider; therefore, these transactions all qualify as party-in-interest transactions. The Plan pay certain expenses related to plan operations and investment activity to TIAA and CREF. The Plan receives revenue sharing credits from TIAA and CREF. The Plan also issues loans to participants which are secured by the vested balance of the participant's accounts. These transactions are party-in-interest transactions, which are exempt from the prohibited transaction rules.

7. Plan Termination

Although it has not expressed any intent to do so, the Association has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of a complete or partial termination of the Plan or a discontinuance of contributions, all individual accounts will be fully vested to the extent funded.

8. Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market and credit risks. Market values of investments may decline for any number of reasons, including changes in prevailing market and interest rates, increases in defaults and credit rating downgrades. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the

**American Association for the Advancement of Science
Defined Contribution Plan
Notes to Financial Statements**

statements of net assets available for benefits.

9. Tax Status

The Plan uses a volume submitter plan from TIAA and CREF, which received an opinion letter from the Internal Revenue Service (the IRS) on August 7, 2017, which states that the volume submitter plan, as then designed, satisfies the applicable provisions under Section 403(b) of the IRC. Although the Plan has been amended since the date of the opinion letter, the Plan's management believes that the Plan is currently designed and being operated in compliance with the applicable requirements of the code. Therefore, no provision for income tax has been included in the Plan's financial statements.

U.S. GAAP requires plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

10. Subsequent Events

The Plan Administrator has evaluated subsequent events through October 15, 2025 the date the financial statements were available to be issued.

**American Association for the Advancement of Science
Defined Contribution Plan
Schedule H, Line 4i - Schedule of Assets (Held at End of Year) as of December 31, 2024**

EIN: 53-0196568
Plan number: 001

(a)	(b) Identity of "Issuer", Borrower, Lessor, or Similar Party	(c) Description of Investments Including Maturity Date, Rate of Interest, Collateral and Par or Maturity Value	(d) Cost *	(e) Current Value
	Insurance Company General Contract			
**	TIAA	Traditional Annuity - RA	\$	39,847,636
**	TIAA	Traditional Annuity - GSRA		6,582,632
**	TIAA Pooled Separate Account	Real Estate Account		8,657,905
	Mutual Funds			
	PIMCO	RealPath Blend 2025 Inst		6,171,595
	PIMCO	RealPath Blend 2030 Inst		7,628,651
	PIMCO	RealPath Blend 2035 Inst		5,691,280
	PIMCO	RealPath Blend 2040 Inst		14,404,651
	PIMCO	RealPath Blend 2045 Inst		9,785,018
	PIMCO	RealPath Blend 2050 Inst		8,864,918
	PIMCO	RealPath Blend 2055 Inst		5,774,408
	PIMCO	RealPath Blend 2060 Inst		2,977,760
	PIMCO	RealPath Blend 2065 Inst		679,457
	PIMCO	RealPath Blend Inc Inst		1,789,325
	Dodge & Cox	Income Fund		2,921,937
	BlackRock	Technology Opps k		879,548
	Columbia	Dividend Income R		2,712,443
	Madison	Mid Cap Fund Class R6		1,477,717
	Vanguard	Treasury MoneyMkt Inv		699,008
	Vanguard	Small-Cap Idx Adm		3,430,440
	Vanguard	Devlopd Mkts Idx Adm		4,404,582
	PGIM	High Yield R6		284,823
	CREF Variable Annuities			
**	CREF	Stock R2		41,923,515
**	CREF	Growth R2		23,166,358
**	CREF	Equity Index R2		17,782,956
**	CREF	Global Equities R2		14,559,235
**	CREF	Core Bond R2		7,109,776
**	CREF	Social Choice R2		9,280,820
**	CREF	Inflation-Linked Bond R2		3,143,836
**	CREF	Money Market R2		2,265,342
**	TIAA-CREF	Self Directed Acct		1,231,912
	Total Investments Per Financial Statements			256,129,484
**	Participant Loans	Interest rates ranging from 4.25% to 9.50%	-	226,591
	Total Investments Per Form 5500			\$ 256,356,075

* Cost is omitted because it is not required for participant-directed investments.

** Denotes a party-in-interest as defined by ERISA.

Plan Name	American Association for the Advancement of Science Defined Contribution Plan
Plan Sponsor EIN	53-0196568
ERISA Plan #	001
Plan Year Ending	December 31, 2024

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	American Association for the Advancement of Science Defined Contribution Plan
Plan Sponsor EIN	53-0196568
ERISA Plan #	001
Plan Year Ending	December 31, 2024

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Form/Schedule	Line #	Description	Attachment
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5500 Sch. H	Line 4a	Schedule of Delinquent Participant Contributions	