

**Form 5500**

Department of the Treasury  
Internal Revenue Service

Department of Labor  
Employee Benefits Security  
Administration

Pension Benefit Guaranty Corporation

**Annual Return/Report of Employee Benefit Plan**

This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

▶ **Complete all entries in accordance with the instructions to the Form 5500.**

OMB Nos. 1210-0110  
1210-0089

**2024**

**This Form is Open to Public Inspection**

**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
  - special extension (enter description)
  - the DFVC program
- 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**

<b>1a</b> Name of plan <u>FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY DC PLAN</u>	<b>1b</b> Three-digit plan number (PN) ▶ <u>001</u>
<b>2a</b> 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>FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY</u>  <u>6120 EXECUTIVE BOULEVARD, SUITE 230</u> <u>ROCKVILLE, MD 20852</u>	<b>1c</b> Effective date of plan <u>04/01/1957</u>  <b>2b</b> Employer Identification Number (EIN) <u>52-0700497</u>  <b>2c</b> Plan Sponsor's telephone number <u>301-634-7086</u>  <b>2d</b> Business code (see instructions) <u>541990</u>

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

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

<b>SIGN HERE</b>	Filed with authorized/valid electronic signature.	10/08/2025	SUSAN M. SCHIAFFINO
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
<b>SIGN HERE</b>	Filed with authorized/valid electronic signature.	10/08/2025	SUSAN M. SCHIAFFINO
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
<b>SIGN HERE</b>			
	Signature of DFE	Date	Enter name of individual signing as DFE

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

Form 5500 (2024)  
v. 240311

<b>3a</b> Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor		<b>3b</b> Administrator's EIN	
		<b>3c</b> Administrator's telephone number	
<b>4</b> 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:		<b>4b</b> EIN 52-0700497	
<b>a</b> Sponsor's name THE FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY		<b>4d</b> PN 001	
<b>c</b> Plan Name FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY DEFINED CONT			
<b>5</b> Total number of participants at the beginning of the plan year	<b>5</b>	919	
<b>6</b> 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).			
<b>a(1)</b> Total number of active participants at the beginning of the plan year	<b>6a(1)</b>	292	
<b>a(2)</b> Total number of active participants at the end of the plan year	<b>6a(2)</b>	275	
<b>b</b> Retired or separated participants receiving benefits	<b>6b</b>	0	
<b>c</b> Other retired or separated participants entitled to future benefits	<b>6c</b>	628	
<b>d</b> Subtotal. Add lines 6a(2), 6b, and 6c	<b>6d</b>	903	
<b>e</b> Deceased participants whose beneficiaries are receiving or are entitled to receive benefits	<b>6e</b>	3	
<b>f</b> Total. Add lines 6d and 6e	<b>6f</b>	906	
<b>g(1)</b> Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item)	<b>6g(1)</b>	908	
<b>g(2)</b> Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	<b>6g(2)</b>	831	
<b>h</b> Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	<b>6h</b>	0	
<b>7</b> Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	<b>7</b>		

**8a** If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:  
 2F 2G 2L 2M 2T 2X 3D

**b** If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

<b>9a</b> Plan funding arrangement (check all that apply)		<b>9b</b> 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
(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
(3) <input checked="" type="checkbox"/> Trust	(4) <input type="checkbox"/> General assets of the sponsor	(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)

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

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**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.

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**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 \_\_\_\_\_

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**SCHEDULE A  
(Form 5500)**

Department of the Treasury  
Internal Revenue Service

Department of Labor  
Employee Benefits Security Administration  
Pension Benefit Guaranty Corporation

**Insurance Information**

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).

▶ **File as an attachment to Form 5500.**

▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).

OMB No. 1210-0110

**2024**

**This Form is Open to Public Inspection**

For calendar plan year 2024 or fiscal plan year beginning **01/01/2024** and ending **12/31/2024**

**A** Name of plan  
**FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY DC PLAN**

**B** Three-digit plan number (PN) ▶ **001**

**C** Plan sponsor's name as shown on line 2a of Form 5500  
**FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY**

**D** Employer Identification Number (EIN)  
**52-0700497**

**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	408070	840	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

**(b)** Total amount of fees paid

**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

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

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

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

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

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

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

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

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

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

<b>Part II</b>	<b>Investment and Annuity Contract Information</b>	
	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.	
<b>4</b>	Current value of plan's interest under this contract in the general account at year end .....	40265158
<b>5</b>	Current value of plan's interest under this contract in separate accounts at year end.....	58597043
<b>6</b>	<b>Contracts With Allocated Funds:</b>	
<b>a</b>	State the basis of premium rates ▶	
<b>b</b>	Premiums paid to carrier .....	<b>6b</b>
<b>c</b>	Premiums due but unpaid at the end of the year .....	<b>6c</b>
<b>d</b>	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 ▶	<b>6d</b>
<b>e</b>	Type of contract: (1) <input type="checkbox"/> individual policies (2) <input type="checkbox"/> group deferred annuity (3) <input type="checkbox"/> other (specify) ▶	
<b>f</b>	If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ <input type="checkbox"/>	
<b>7</b>	<b>Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)</b>	
<b>a</b>	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>b</b>	Balance at the end of the previous year .....	<b>7b</b> 47940548
<b>c</b>	Additions: (1) Contributions deposited during the year .....	<b>7c(1)</b> 745485
	(2) Dividends and credits.....	<b>7c(2)</b>
	(3) Interest credited during the year.....	<b>7c(3)</b> 1799621
	(4) Transferred from separate account .....	<b>7c(4)</b> 1643660
	(5) Other (specify below).....	<b>7c(5)</b> 89675
	▶ MISCELLANEOUS CREDITS, INCLUDING INVESTMENT GAINS AND TRANSFERS FROM FULLY ALLOCATED CONTRACTS	
	(6) Total additions .....	<b>7c(6)</b> 4278441
<b>d</b>	Total of balance and additions (add lines <b>7b</b> and <b>7c(6)</b> ) .....	<b>7d</b> 52218989
<b>e</b>	<b>Deductions:</b>	
	(1) Disbursed from fund to pay benefits or purchase annuities during year	<b>7e(1)</b> 4212590
	(2) Administration charge made by carrier.....	<b>7e(2)</b> 39028
	(3) Transferred to separate account .....	<b>7e(3)</b> 1784824
	(4) Other (specify below).....	<b>7e(4)</b> 5917389
▶ MISCELLANEOUS DEBITS, INCLUDING INVESTMENT LOSSES AND TRANSFERS TO FULLY ALLOCATED CONTRACTS		
	(5) Total deductions .....	<b>7e(5)</b> 11953831
<b>f</b>	Balance at the end of the current year (subtract line <b>7e(5)</b> from line <b>7d</b> ).....	<b>7f</b> 40265158

**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:

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

**10** Nonexperience-rated contracts:

<b>a</b>	Total premiums or subscription charges paid to carrier .....	<b>10a</b>	
<b>b</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. ....	<b>10b</b>	

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. ▶

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

<b>A</b> Name of plan <b>FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY DC PLAN</b>	<b>B</b> Three-digit plan number (PN) ▶	<b>001</b>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY</b>	<b>D</b> Employer Identification Number (EIN) <b>52-0700497</b>	

**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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**(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)

KESTRA ADVISORY SERVICES LLC

35-2552359

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50	NONE	50129	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)

FLEXPATH STRATEGIES, LLC

46-4782313

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50	NONE	23454	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)

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	1600	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"/>

**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.

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

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

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

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

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

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

<b>(a)</b> Enter name and EIN or address of service provider (see instructions)	<b>(b)</b> Nature of Service Code(s)	<b>(c)</b> 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)

<b>a</b> Name: SB & COMPANY, LLC	<b>b</b> EIN: 20-2153727
<b>c</b> Position: AUDITOR	
<b>d</b> Address: 10200 GRAND CENTRAL AVENUE SUITE 250 OWINGS MILLS, MD 21117	<b>e</b> Telephone: 410-584-1405

Explanation: THE REASON FOR CHANGING AUDITORS WAS THEIR CONSISTENT NEED FOR FILING EXTENSIONS.

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>SCHEDULE D</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>	<b>DFE/Participating Plan Information</b>  This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).  <b>▶ File as an attachment to Form 5500.</b>	<small>OMB No. 1210-0110</small>  <b>2024</b>  <b>This Form is Open to Public Inspection.</b>
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

<b>A</b> Name of plan <u>FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY DC PLAN</u>	<b>B</b> Three-digit plan number (PN)	<u>001</u>
<b>C</b> Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY</u>	<b>D</b> Employer Identification Number (EIN) <u>52-0700497</u>	

<b>Part I</b>	<b>Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)</b> (Complete as many entries as needed to report all interests in DFEs)
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<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:	<u>TIAA REAL ESTATE</u>		
<b>b</b> Name of sponsor of entity listed in (a):	<u>TIAA-CREF</u>		
<b>c</b> EIN-PN	<u>13-1624203-004</u>	<b>d</b> Entity code	<u>P</u>
<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	<u>2739428</u>		
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:			
<b>b</b> Name of sponsor of entity listed in (a):			
<b>c</b> EIN-PN		<b>d</b> Entity code	
<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)			
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:			
<b>b</b> Name of sponsor of entity listed in (a):			
<b>c</b> EIN-PN		<b>d</b> Entity code	
<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)			
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:			
<b>b</b> Name of sponsor of entity listed in (a):			
<b>c</b> EIN-PN		<b>d</b> Entity code	
<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)			
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:			
<b>b</b> Name of sponsor of entity listed in (a):			
<b>c</b> EIN-PN		<b>d</b> Entity code	
<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)			
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:			
<b>b</b> Name of sponsor of entity listed in (a):			
<b>c</b> EIN-PN		<b>d</b> Entity code	
<b>e</b> 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)



<b>SCHEDULE H</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Financial Information</b>  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).  <b>▶ File as an attachment to Form 5500.</b>	OMB No. 1210-0110  <b>2024</b>  <b>This Form is Open to Public Inspection</b>
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For calendar plan year 2024 or fiscal plan year beginning <b>01/01/2024</b> and ending <b>12/31/2024</b>	
<b>A</b> Name of plan <b>FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY DC PLAN</b>	<b>B</b> Three-digit plan number (PN) ▶ <b>001</b>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY</b>	<b>D</b> Employer Identification Number (EIN) <b>52-0700497</b>

<b>Part I</b>	<b>Asset and Liability Statement</b>
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**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.

	(a) Beginning of Year	(b) End of Year
<b>Assets</b>		
<b>a</b> Total noninterest-bearing cash .....	<b>1a</b>	
<b>b</b> Receivables (less allowance for doubtful accounts):		
<b>(1)</b> Employer contributions .....	<b>1b(1)</b>	
<b>(2)</b> Participant contributions .....	<b>1b(2)</b>	
<b>(3)</b> Other .....	<b>1b(3)</b>	
<b>c</b> General investments:		
<b>(1)</b> Interest-bearing cash (include money market accounts & certificates of deposit) .....	<b>1c(1)</b>	
<b>(2)</b> U.S. Government securities .....	<b>1c(2)</b>	
<b>(3)</b> Corporate debt instruments (other than employer securities):		
<b>(A)</b> Preferred .....	<b>1c(3)(A)</b>	
<b>(B)</b> All other .....	<b>1c(3)(B)</b>	
<b>(4)</b> Corporate stocks (other than employer securities):		
<b>(A)</b> Preferred .....	<b>1c(4)(A)</b>	
<b>(B)</b> Common .....	<b>1c(4)(B)</b>	
<b>(5)</b> Partnership/joint venture interests .....	<b>1c(5)</b>	
<b>(6)</b> Real estate (other than employer real property) .....	<b>1c(6)</b>	
<b>(7)</b> Loans (other than to participants) .....	<b>1c(7)</b>	
<b>(8)</b> Participant loans .....	<b>1c(8)</b>	504007
<b>(9)</b> Value of interest in common/collective trusts .....	<b>1c(9)</b>	
<b>(10)</b> Value of interest in pooled separate accounts .....	<b>1c(10)</b>	3438948
<b>(11)</b> Value of interest in master trust investment accounts .....	<b>1c(11)</b>	
<b>(12)</b> Value of interest in 103-12 investment entities .....	<b>1c(12)</b>	
<b>(13)</b> Value of interest in registered investment companies (e.g., mutual funds) .....	<b>1c(13)</b>	107094164
<b>(14)</b> Value of funds held in insurance company general account (unallocated contracts).....	<b>1c(14)</b>	47940548
<b>(15)</b> Other.....	<b>1c(15)</b>	260279
		2739428
		100807381
		40265158

<b>1d</b> Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities.....	<b>1d(1)</b>		
(2) Employer real property.....	<b>1d(2)</b>		
<b>e</b> Buildings and other property used in plan operation.....	<b>1e</b>		
<b>f</b> Total assets (add all amounts in lines 1a through 1e).....	<b>1f</b>	158977667	144072246
<b>Liabilities</b>			
<b>g</b> Benefit claims payable.....	<b>1g</b>		
<b>h</b> Operating payables.....	<b>1h</b>		
<b>i</b> Acquisition indebtedness.....	<b>1i</b>		
<b>j</b> Other liabilities.....	<b>1j</b>		
<b>k</b> Total liabilities (add all amounts in lines 1g through 1j).....	<b>1k</b>	0	0
<b>Net Assets</b>			
<b>l</b> Net assets (subtract line 1k from line 1f).....	<b>1l</b>	158977667	144072246

**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.

<b>Income</b>		(a) Amount	(b) Total
<b>a Contributions:</b>			
(1) Received or receivable in cash from: <b>(A)</b> Employers.....	<b>2a(1)(A)</b>	2293636	
<b>(B)</b> Participants.....	<b>2a(1)(B)</b>	1977175	
<b>(C)</b> Others (including rollovers).....	<b>2a(1)(C)</b>	128859	
(2) Noncash contributions.....	<b>2a(2)</b>		
(3) Total contributions. Add lines <b>2a(1)(A)</b> , <b>(B)</b> , <b>(C)</b> , and line <b>2a(2)</b> .....	<b>2a(3)</b>		4399670
<b>b Earnings on investments:</b>			
<b>(1) Interest:</b>			
<b>(A)</b> Interest-bearing cash (including money market accounts and certificates of deposit).....	<b>2b(1)(A)</b>		
<b>(B)</b> U.S. Government securities.....	<b>2b(1)(B)</b>		
<b>(C)</b> Corporate debt instruments.....	<b>2b(1)(C)</b>		
<b>(D)</b> Loans (other than to participants).....	<b>2b(1)(D)</b>		
<b>(E)</b> Participant loans.....	<b>2b(1)(E)</b>	32642	
<b>(F)</b> Other.....	<b>2b(1)(F)</b>	1799621	
<b>(G)</b> Total interest. Add lines <b>2b(1)(A)</b> through <b>(F)</b> .....	<b>2b(1)(G)</b>		1832263
<b>(2) Dividends:</b>			
<b>(A)</b> Preferred stock.....	<b>2b(2)(A)</b>		
<b>(B)</b> Common stock.....	<b>2b(2)(B)</b>		
<b>(C)</b> Registered investment company shares (e.g. mutual funds).....	<b>2b(2)(C)</b>	1468155	
<b>(D)</b> Total dividends. Add lines <b>2b(2)(A)</b> , <b>(B)</b> , and <b>(C)</b> .....	<b>2b(2)(D)</b>		1468155
<b>(3)</b> Rents.....	<b>2b(3)</b>		
<b>(4) Net gain (loss) on sale of assets:</b>			
<b>(A)</b> Aggregate proceeds.....	<b>2b(4)(A)</b>		
<b>(B)</b> Aggregate carrying amount (see instructions).....	<b>2b(4)(B)</b>		
<b>(C)</b> Subtract line <b>2b(4)(B)</b> from line <b>2b(4)(A)</b> and enter result.....	<b>2b(4)(C)</b>		
<b>(5) Unrealized appreciation (depreciation) of assets:</b>			
<b>(A)</b> Real estate.....	<b>2b(5)(A)</b>		
<b>(B)</b> Other.....	<b>2b(5)(B)</b>		
<b>(C)</b> Total unrealized appreciation of assets. Add lines <b>2b(5)(A)</b> and <b>(B)</b> .....	<b>2b(5)(C)</b>		

	(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)	-134973
(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)	14274816
<b>c</b> Other income .....	2c	38546
<b>d</b> Total income. Add all <b>income</b> amounts in column (b) and enter total.....	2d	21878477

**Expenses**

<b>e</b> Benefit payment and payments to provide benefits:		
(1) Directly to participants or beneficiaries, including direct rollovers.....	2e(1)	11007579
(2) To insurance carriers for the provision of benefits .....	2e(2)	2078439
(3) Other.....	2e(3)	
(4) Total benefit payments. Add lines 2e(1) through (3) .....	2e(4)	13086018
<b>f</b> Corrective distributions (see instructions) .....	2f	
<b>g</b> Certain deemed distributions of participant loans (see instructions).....	2g	28611
<b>h</b> Interest expense.....	2h	
<b>i</b> Administrative expenses:		
(1) Salaries and allowances .....	2i(1)	
(2) Contract administrator fees .....	2i(2)	
(3) Recordkeeping fees .....	2i(3)	1600
(4) IQPA audit fees .....	2i(4)	
(5) Investment advisory and investment management fees .....	2i(5)	73583
(6) Bank or trust company trustee/custodial fees .....	2i(6)	
(7) Actuarial fees .....	2i(7)	
(8) Legal fees .....	2i(8)	
(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)	75183
<b>j</b> Total expenses. Add all <b>expense</b> amounts in column (b) and enter total.....	2j	13189812

**Net Income and Reconciliation**

<b>k</b> Net income (loss). Subtract line 2j from line 2d.....	2k	8688665
<b>l</b> Transfers of assets:		
(1) To this plan.....	2l(1)	
(2) From this plan .....	2l(2)	23594086

**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: **GELMAN, ROSENBERG & FREEDMAN, PC**

(2) EIN: **52-1392008**

**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
<b>a</b> 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>b</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	
<b>c</b> 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	
<b>d</b> 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	
<b>e</b> Was this plan covered by a fidelity bond?	X		1000000
<b>f</b> Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
<b>g</b> 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	
<b>h</b> 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	
<b>i</b> Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
<b>j</b> 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	
<b>k</b> Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X	
<b>l</b> Has the plan failed to provide any benefit when due under the plan?		X	
<b>m</b> If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		X	
<b>n</b> 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.)

<b>5b(1)</b> Name of plan(s)	<b>5b(2)</b> EIN(s)	<b>5b(3)</b> PN(s)
AMERICAN PHYSIOLOGICAL SOCIETY RETIREMENT PLAN	53-0204660	001

**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 \_\_\_\_\_.

<b>SCHEDULE R</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Retirement Plan Information</b>  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).  <b>▶ File as an attachment to Form 5500.</b>	<small>OMB No. 1210-0110</small>  <b>2024</b>  <b>This Form is Open to Public Inspection.</b>
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

<b>A</b> Name of plan <u>FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY DC PLAN</u>	<b>B</b> Three-digit plan number (PN) ▶	<u>001</u>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <u>FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY</u>	<b>D</b> Employer Identification Number (EIN) <u>52-0700497</u>	

<b>Part I</b>	<b>Distributions</b>
---------------	----------------------

**All references to distributions relate only to payments of benefits during the plan year.**

**1** Total value of distributions paid in property other than in cash or the forms of property specified in the instructions..... 

1		0
---	--	---

**2** Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits):  
 EIN(s): 82-2826183

**Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.**

**3** Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year..... 

3	
---	--

<b>Part II</b>	<b>Funding Information</b> (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
----------------	---

**4** Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?.....  Yes  No  N/A  
**If the plan is a defined benefit plan, go to line 8.**

**5** If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. **Date:** Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_  
**If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.**

<b>6 a</b> Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived) .....	<b>6a</b>	
<b>b</b> Enter the amount contributed by the employer to the plan for this plan year .....	<b>6b</b>	
<b>c</b> 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).....	<b>6c</b>	

**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

<b>Part III</b>	<b>Amendments</b>
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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

<b>Part IV</b>	<b>ESOPs</b> (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
----------------	---

**10** Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan? .....  Yes  No

**11 a** Does the ESOP hold any preferred stock?.....  Yes  No

**b** If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.).....  Yes  No

**12** Does the ESOP hold any stock that is not readily tradable on an established securities market?.....  Yes  No

**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:

<b>a</b> 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).....	<b>14a</b>	
<b>b</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).....	<b>14b</b>	
<b>c</b> 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).....	<b>14c</b>	

**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:

<b>a</b> The corresponding number for the plan year immediately preceding the current plan year .....	<b>15a</b>	
<b>b</b> The corresponding number for the second preceding plan year .....	<b>15b</b>	

**16** Information with respect to any employers who withdrew from the plan during the preceding plan year:

<b>a</b> Enter the number of employers who withdrew during the preceding plan year .....	<b>16a</b>	
<b>b</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.....	<b>16b</b>	

**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 J500954A.

<p><b>SCHEDULE MEP (Form 5500)</b></p> <p>Department of the Treasury Internal Revenue Service</p> <hr/> <p>Department of Labor Employee Benefits Security Administration</p>	<p><b>MULTIPLE-EMPLOYER RETIREMENT PLAN INFORMATION</b></p> <p>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)</p> <p>▶ <b>File as an attachment to Form 5500.</b></p>	<p>OMB No. 1210-0110</p> <hr/> <p style="font-size: 24pt; font-weight: bold;">2024</p> <hr/> <p><b>This Form is Open to Public Inspection</b></p>
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For calendar plan year 2024 or fiscal plan year beginning **01/01/2024** and ending **12/31/2024**

<p><b>A</b> Name of plan <b>FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY DC PLAN</b></p>	<p><b>B</b> Three-digit Plan number (PN)..... ▶</p>	<p><b>001</b></p>
<p><b>C</b> Plan administrator's name as shown on line 3a of Form 5500/Form 5500-SF <b>FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY</b></p>	<p><b>D</b> Administrator's EIN <b>52-0700497</b></p>	

**Part I Type of Multiple-Employer Pension Plan.** All multiple-employer pension plans must complete.

**1 Check the appropriate box to indicate type of multiple-employer pension plan. (Only defined contribution plans may check lines 1a, 1b, and 1c. Defined benefit plans and defined contribution plans not checking lines 1a, 1b, or 1c should check line 1d. See Instructions).**

- a  association retirement plan (See 29 CFR 2510.3-55) (Complete Part II)
- b  professional employer organization plan (PEO Plan) (See 29 CFR 29 CFR 2510.3-55) (Complete Part II)
- c  pooled employer plan (PEP) (See 29 CFR 2510.3-44) (Complete Parts II and III)
- d  other multiple-employer pension plan (Describe) \_\_\_\_\_ (Complete Part II)

**Part II Participating Employer Information.**

**2 All multiple-employer pension plans that are subject to section 210(a) of ERISA (see instructions for filing the Form 5500) must complete Part II, in addition to Part I, in accordance with the instructions, to report the information for each employer participating in the multiple-employer pension plan. Defined contribution plans must complete lines 2a-2d. All other multiple-employer pension plans complete lines 2a-2c only. Complete as many entries as needed to list the required information for each participating employer that is not an individual person (see instructions).**

<b>2a</b> Name of Participating Employer <b>THS AMERICAN ASSOCIATION OF IMMUNOLOGISTS, INC.</b>	<b>2b</b> EIN <b>52-2317193</b>	<b>2c</b> Percentage of Total Contributions for the Plan Year <b>21.30</b>	<b>2d</b> Aggregate Account Balances Attributable to Participating Employer <b>785020</b>
<b>2a</b> Name of Participating Employer <b>ASSOCIATION FOR MOLECULAR PATHOLOGY</b>	<b>2b</b> EIN <b>31-1671642</b>	<b>2c</b> Percentage of Total Contributions for the Plan Year <b>10.78</b>	<b>2d</b> Aggregate Account Balances Attributable to Participating Employer <b>397450</b>

**CAUTION** Do not individually list information for working owners (see instructions and 29 CFR 2510.3-55(d)(2)) or other individuals who are participants or beneficiaries in the plan or arrangement that are no longer associated with a particular participating employer or participating employer plan (see instructions). Providing identifying information for individuals may result in rejection of this filing. If there are any such individuals in the plan, answer "Yes" to line 2e and provide the total information for all such individuals, without providing names or other identifying information.

<b>2e</b> Does the plan include any individuals not participating through an employer or who are individual working owners?	<b>2e</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>2f</b> If you answer "Yes" in line 2e, enter a good faith estimate of the percentage of total contributions made by all such individuals that are not listed on line 2a during the plan year.	<b>2f</b>	
<b>2g</b> If you answer "Yes" in Line 2e, enter the aggregate account balances for all such individuals that are not listed on line 2a.	<b>2g</b>	

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

**Schedule MEP (2024)  
v. 240311**

**Part II Participating Employer Information (Continued).**

Use this page for additional participating employer information.

2 All multiple-employer pension plans that are subject to section 210(a) of ERISA (see instructions for filing the Form 5500) must complete Part II, in addition to Part I, in accordance with the instructions, to report the information for each employer participating in the multiple-employer pension plan.

**Defined contribution plans must complete lines 2a-2d. All other multiple-employer pension plans complete lines 2a-2c only. Complete as many entries as needed to list the required information for each participating employer that is not an individual person (see instructions).**

2a Name of Participating Employer	2b EIN	2c Percentage of Total Contributions for the Plan Year	2d Aggregate Account Balances Attributable to Participating Employer
THE AMERICAN SOCIETY FOR BIOCHEMISTRY & MOLECULAR BIOLOGY	52-6050165	18.39	677655
AMERICAN SOCIETY FOR INVESTIGATIVE PATHOLOGY	94-6079945	7.24	266718
AMERICAN SOCIETY FOR PHARMACOLOGY & EXPERIMENTAL THERAPEUTICS	58-6032060	10.98	404825
FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY	52-0700497	18.32	675459
THE GENETICS SOCIETY OF AMERICA	93-6023830	7.04	259650
SOCIETY FOR DEVELOPMENTAL BIOLOGY	38-1909157	2.27	83503
AMERICAN ASSOCIATION OF ANATOMISTS	23-6239047	3.68	135481

**CAUTION** Do not individually list information for working owners (see instructions and 29 CFR 2510.3-55(d)(2)) or other individuals who are participants or beneficiaries in the plan or arrangement that are no longer associated with a particular participating employer or participating employer plan (see instructions). Providing identifying information for individuals may result in rejection of this filing. If there are any such individuals in the plan, answer "Yes" to line 2e and provide the total information for all such individuals, without providing names or other identifying information.

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<b>Part III</b>	<b>Pooled Employer Plan Information</b>
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**Line 3.** All Pooled employer plans must answer all of the questions in Part III, in addition to completing all of Parts I and II.

**3a** Is the pooled plan provider (identified as the plan sponsor and administrator in Part II of the Form 5500) currently in compliance with the Form PR (Pooled Plan Provider Registration Statement) requirements? (See instructions and 29 CFR 2510.3-44).....  Yes  No

**3b** If line 3a is "Yes", enter the ACK ID for the most recent Form PR that was required to be filed under the Form PR filing requirements. (Failure to enter a valid ACK ID will subject the Form 5500 filing to rejection as incomplete.)  
ACK ID \_\_\_\_\_

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**FINANCIAL STATEMENTS**

**FEDERATION OF AMERICAN SOCIETIES  
FOR EXPERIMENTAL BIOLOGY DC PLAN**

**FOR THE YEARS ENDED  
DECEMBER 31, 2024 AND 2023**

**FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY DC PLAN**

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**CPAs & ADVISORS**

## **INDEPENDENT AUDITOR'S REPORT**

To the Board of Directors  
Federation of American Societies for Experimental Biology DC Plan  
Rockville, Maryland

### **Scope and Nature of the ERISA Section 103(a)(3)(C) Audit for the 2024 Financial Statements**

We have performed an audit of the financial statements of the Federation of American Societies for Experimental Biology DC Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) [ERISA Section 103(a)(3)(C) audit]. The financial statements comprise the statement of net assets available for benefits as of December 31, 2024, and the related statement of change in net assets available for benefits for the year then ended, and the related notes to the financial statements.

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

Management has obtained certifications from the custodians as of December 31, 2024 and for the year then ended, stating that the certified investment information, as described in Note 4 to the financial statements, is complete and accurate.

### **Opinion on the 2024 Financial Statements**

In our opinion, based on our audit and on the procedures performed as described in the Auditor's Responsibilities for the Audit of the Financial Statements section -

- The amounts and disclosures in the accompanying financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.
- The information in the accompanying financial statements related to assets held by and certified to by a qualified institution agrees to or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

4550 MONTGOMERY AVENUE · SUITE 800 NORTH · BETHESDA, MARYLAND 20814  
(301) 951-9090 · WWW.GRFCPA.COM

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MEMBER OF CPAMERICA INTERNATIONAL, AN AFFILIATE OF CROWE GLOBAL  
MEMBER OF THE AMERICAN INSTITUTE OF CERTIFIED PUBLIC ACCOUNTANTS' PRIVATE COMPANIES PRACTICE SECTION

## **Basis for Opinion on the 2024 Financial Statements**

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

## **Responsibilities of Management for the 2024 Financial Statements**

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

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

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

## **Auditor's Responsibilities for the Audit of the 2024 Financial Statements**

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements, including omissions, are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

Our audit did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

### **Other Matter - 2024 Supplemental Schedule Required by ERISA**

The supplemental schedule is presented for purposes of additional analysis and is not a required part of the financial statements, but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedule that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, other than the information agreed to or derived from the certified investment information, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion -

- The form and content of the supplemental schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- The information in the supplemental schedule related to assets held by and certified to by a qualified institution agrees to or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

### **Auditor's Report on the 2023 Financial Statements**

The financial statements of the Plan as of December 31, 2023, were audited by predecessor auditors. In accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA, the prior year audit did not extend to any statements or information related to assets held for investment of the Plan that were certified by a qualified institution. Their report dated August 30, 2024, indicated that in their opinion (a) the amounts and disclosures in the 2023 financial statements, other than those agreed to or derived from the certified investment information, were presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America, and (b) the information in the 2023 financial statements related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Their report also indicated that the form and content of the 2023 supplemental schedule, other than the information in the 2023 supplemental schedule that agrees to or is derived from the certified investment information, was presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA, and the information in the 2023 supplemental schedule related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

*Gelman Rosenberg & Friedman*

October 2, 2025

## FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY DC PLAN

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS  
AS OF DECEMBER 31, 2024 AND 2023

	<u>2024</u>	<u>2023</u>
<b>INVESTMENTS</b>		
Registered investment companies, at fair value	\$ 100,848,968	\$ 107,094,164
Pooled separate account, at net asset value	2,739,428	3,438,948
Fully benefit-responsive investment contracts, at contract value	16,669,889	20,698,452
Non benefit-responsive investment contracts, at fair value	<u>23,553,682</u>	<u>27,242,096</u>
Total investments	<u>143,811,967</u>	<u>158,473,660</u>
<b>RECEIVABLES</b>		
Notes receivable from participants	<u>297,344</u>	<u>512,461</u>
<b>NET ASSETS AVAILABLE FOR BENEFITS</b>	<b><u>\$ 144,109,311</u></b>	<b><u>\$ 158,986,121</u></b>

## FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY DC PLAN

STATEMENT OF CHANGE IN NET ASSETS AVAILABLE FOR BENEFITS  
FOR THE YEAR ENDED DECEMBER 31, 2024**ADDITIONS**

Investment income:	
Net appreciation in fair value of investments	\$ 15,611,666
Interest and dividends	<u>1,797,408</u>
Total investment income	<u>17,409,074</u>
Contributions:	
Employee contributions	1,977,175
Employer contribution	2,293,636
Rollover contribution	<u>128,859</u>
Total contributions	<u>4,399,670</u>
Plan servicing credits	<u>38,546</u>
Total additions	<u>21,878,479</u>

**DEDUCTIONS**

Benefits paid to participants or their beneficiaries	13,086,177
Administrative fees	<u>75,026</u>
Total deductions	<u>13,161,203</u>

Increase in net assets available for benefits before other item 8,717,276

**OTHER ITEM**

Transfer of Plan assets	<u>(23,594,086)</u>
Decrease in net assets available for benefits	(14,876,810)
Net assets available for benefits, beginning of year	<u>158,986,121</u>
<b>NET ASSETS AVAILABLE FOR BENEFITS, END OF YEAR</b>	<b>\$ <u>144,109,311</u></b>

# FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY DC PLAN

## NOTES TO FINANCIAL STATEMENTS DECEMBER 31, 2024 AND 2023

### 1. DESCRIPTION OF THE PLAN

The following description of the Federation of American Societies for Experimental Biology DC Plan (the Plan) is provided for general information purposes only. Participants should refer to the Plan agreement for more complete information.

#### General -

The Plan is a multiple-employer 403(b) defined contribution plan covering substantially all of the employees of Federation of American Societies for Experimental Biology (the Federation) and its adopting member societies (collectively referred to as the Federation or Plan Sponsor). The adopting member societies include the following:

- American Society for Biochemistry & Molecular Biology (ASBMB)
- American Society for Pharmacology & Experimental Therapeutics (ASPET)
- Society for Developmental Biology (SDB)
- American Association for Anatomy (AAA)
- American Society for Investigative Pathology (ASIP)
- American Association of Immunologists (AAI)
- Association for Molecular Pathology (AMP)
- American Physiological Society (APS) until March 1, 2024. See Note 10

The Benefits Committee is responsible for oversight of the Plan. The Benefits Committee determines the appropriateness of the Plan's investment offerings and monitors investment performance. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA). The Plan was amended and restated effective January 1, 2018.

The Secure 2.0 Act of 2022 was signed into law on December 29, 2022. This legislation includes a vast array of provisional changes to retirement plans. Plan management is evaluating the impact of the adoption and implementation of this legislation on the Plan.

#### Eligibility -

An employee is eligible to make elective deferrals into the Plan beginning on his or her date of hire. There is no minimum age an employee must attain to become a participant in the Plan for purposes of making elective deferrals.

An employee is eligible to participate in the employer portion of the Plan on the first of the month following the date of hire once he or she has completed three months of service or 1,000 hours.

Additionally, employees of the Federation who previously worked at a not-for-profit scientific organization and immediately enroll in the Plan may be eligible for matching contributions the first of the month following their hire date.

#### Contributions -

Under the terms of the Plan, participants may make voluntary Roth or pre-tax contributions to the Plan, subject to annual Federal limitations. The Plan also allows for catch up contributions for participants who are 50 and older.

**FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY DC PLAN**

**NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2024 AND 2023**

**1. DESCRIPTION OF THE PLAN (Continued)**

Contributions (continued) -

In addition to these voluntary contributions, all eligible employees of the Federation must make a mandatory pre-tax contribution of 2.5% of their base salary upon attaining age 30 and completing two years of service.

The Federation makes an employer matching contribution of 10% of the participants base salary.

Vesting -

Participants are fully vested in their elective deferral contributions and employer matching contributions, plus actual earnings thereon.

Participant accounts -

Each participant's account is credited with (a) the employee's contributions, (b) investment earnings and losses and (c) the employer's contributions. Participants accounts are charged with an allocation of administrative expenses that are paid by the Plan. Allocations of investment earnings and losses, and administrative expenses, are based on account balances, or specific participant transactions, as defined in the Plan document.

Investments elections -

Contributions to the Plan are invested with the Custodians (as defined in Note 4) according to participant instructions. The Federation has selected a list of investment options and has provided participants with information describing these investment options.

Payment of benefits -

Benefits provided by the Plan are paid from net assets available for benefits. The benefit to which a Plan participant is entitled is the benefit that can be provided by the contributions and net earnings thereon allocated to such participant's account. Benefit payments are made in the form of participant directed lump sum, installment, or annuity payments upon separation, retirement, total and permanent disability, or death, as applicable. Benefits are recorded when paid whether directly to or on behalf of a participant.

If the total vested value is below \$1,000 in a participant's account at the time of termination, then a distribution will be made to the participant regardless of whether they consent to receive it. If the total vested value is greater than \$1,000, but less than \$5,000, the participant has the option of either 1) rolling over their balance into a qualified individual retirement account, or 2) receiving a distribution. If the vested value is greater than \$5,000, the participant may remain in the Plan.

Hardship distributions to employees are permitted if certain conditions are met.

The Plan also provides for minimum required distributions per IRS regulations by April 1 of the calendar year following the later of the calendar year in which the participant reaches age 73 or the calendar year the participant retires. In addition, participants may elect in-service withdrawals of their vested account balances after reaching age 59½.

**FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY DC PLAN**

**NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2024 AND 2023**

**1. DESCRIPTION OF THE PLAN (Continued)**

Notes receivable from participants -

Participants may borrow from their accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their vested account balance. Principal and interest is paid ratably through payroll deductions. Note terms are up to five years, except for notes to fund the purchase of a principal residence, for which the note may be repaid over a reasonable period that may exceed five years. All notes receivable from participants are secured by the balance in the participant's account. Interest rates on loans to participants range from 4.25% to 9.50% with maturities at various dates through 2033.

Collateralized Assets with the Plan's Custodians (Plan Loans) -

Prior to April 1, 2020, participants could take loans which were issued as separate contracts by Teachers Insurance and Annuity Association of America (TIAA) and did not represent Plan assets. Plan loans are collateralized using a participant's TIAA Traditional account balance in an amount equal to 110% of the outstanding loan balance. Participants could borrow a minimum of \$1,000, up to a maximum equal to the lesser of \$50,000 or 45% of his or her TIAA Traditional account balance, subject to annuity contract and Plan provisions. Loan terms ranged from one (1) to five (5) years in one-year increments (up to ten years for the purchase of the participant's primary residence). The loans bear interest at rates that range from 4.33% to 6.84%, which are commensurate with local prevailing rates as determined periodically by TIAA. Principal and interest is paid ratably by the participant to TIAA, and each payment reduces the amounts collateralized by the borrowing participant's TIAA Traditional account balance.

If the borrower does not repay the loan and related interest due, in accordance with the schedule set forth in the loan agreement, his/her loan will be deemed to be in default.

Plan loan balances as of December 31, 2024 and 2023, totaled \$97,982 and \$325,887, respectively. As of December 31, 2024 and 2023, loans in default were \$41,587 and \$161,128, respectively, including principal and accumulated interest. Because the source assets to fund the loans were not Plan assets, these loans are not considered assets of the Plan and have not been included in the accompanying Statements of Net Assets Available for Benefits.

Plan termination -

Although it has not expressed any intent to do so, the employer has the right under the Plan to discontinue contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, the participants would become 100% vested in their accounts.

**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

Basis of accounting -

The financial statements are prepared on the accrual basis of accounting and in accordance with FASB ASC 962, *Plan Accounting Defined Contribution Pension Plans*.

Use of estimates -

The preparation of the financial statements in conformity with accounting principles generally accepted in the United States of America requires the Plan Administrator to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY DC PLAN

NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2024 AND 2023

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Fair value measurement -

The Plan applies the provisions of FASB ASC 820, *Fair Value Measurement*. FASB ASC 820 defines fair value, establishes a framework for measuring fair value, establishes a fair value hierarchy based on the quality of inputs (assumptions that market participants would use in pricing assets and liabilities, including assumptions about risk) used to measure fair value, and enhances disclosure requirements for fair value measurements. The Plan accounts for a significant portion of its financial instruments at fair value or considers fair value in their measurement.

Valuation of investments -

Investments are stated at their fair 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. See Note 8 for discussion on fair value measurement.

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 includes the Plan's gains on investments bought and sold as well as held during the year.

Certain Plan assets are invested in pooled separate accounts. Under this investment concept the custodian accounts for the Plan's share of the total portfolio on a unit basis and reports the pooled separate accounts at net asset value (NAV).

Contract value is the relevant measurement attributable to the fully benefit-responsive investment contract because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan.

The non benefit-responsive contracts (TIAA Traditional Annuity) are reported at fair value by the insurance company by discounting the related cash flows based on current yields of similar instruments with comparable durations considering the creditworthiness of the issuers. Because the participants transact at contract value, fair value is determined annually for financial statement reporting purposes only.

Notes receivable from participants -

Notes receivable from participants are measured at their unpaid principal balance, plus accrued interest. Delinquent loans are treated as distributions based upon the terms of the Plan document. Delinquent loans are loans for which any scheduled repayment remains unpaid at the end of the period specified in the loan documents and any loans for which there is an outstanding principal balance existing after the last scheduled repayment date.

Benefit payments -

Benefits are recorded when paid.

Administrative expenses -

Certain expenses of maintaining the Plan are paid directly by the Plan Sponsor and some are paid out of the Plan, which are included in these financial statements. Investment-related expenses are included as a reduction in the net appreciation of fair value of investments presented in the accompanying Statements of Changes in Net Assets Available for Benefits. Expenses that are paid by the Plan Sponsor are excluded from these financial statements.

**FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY DC PLAN**

**NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2024 AND 2023**

**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

Reclassification -

Certain amounts in the prior year's financial statements have been reclassified to conform to the current year's presentation. These reclassifications had no effect on the previously reported changes in net assets available for benefits.

**3. INCOME TAX STATUS**

The Plan was established as a qualified Plan under Section 403(b) of the Internal Revenue Code (IRC). The volume submitter Plan obtained its latest opinion letter dated August 7, 2017, in which the Internal Revenue Service (the IRS) indicated that the Plan, as then designed, was in compliance with the applicable requirements of the IRC and was qualified and tax-exempt. Therefore, the Plan Administrator believes that the Plan was qualified and tax-exempt as of the financial statement date.

Accounting principles generally accepted in the United States of America require Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the Internal Revenue Service.

The Plan Administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2024 and 2023, there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

**4. INFORMATION CERTIFIED BY THE CUSTODIANS**

The Federation has elected the method of annual reporting compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, as permitted under such election, the Federation instructed the Plan's independent auditors not to perform, and they did not perform, such auditing procedures with respect to the information certified by Teachers Insurance and Annuity Association of America (TIAA) and College Retirement Equities Fund (CREF). TIAA and CREF issued Certification Statements, certifying the information presented in the Schedule of Assets (Held at End of Year) and the Statement of Change in Net Assets Available for Benefits for the years ended December 31, 2024 and 2023.

**5. PARTY-IN-INTEREST TRANSACTIONS**

The Plan investments are managed by TIAA and CREF who provides recordkeeping, Plan management, and day-to-day support to the Plan; therefore, these transactions qualify as party-in-interest.

**6. RISKS AND UNCERTAINTIES**

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rates, market and credit risks. Market risks include global events which could impact the value of investment securities, such as a pandemic or international conflict.

**FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY DC PLAN**

**NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2024 AND 2023**

**6. RISKS AND UNCERTAINTIES (Continued)**

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 Statements of Net Assets Available for Benefits.

**7. FULLY BENEFIT-RESPONSIVE AND NON BENEFIT-RESPONSIVE INVESTMENT CONTRACTS**

The Plan has both non benefit and fully benefit-responsive investment contracts with TIAA and CREF. TIAA and CREF maintains the contributions in a general account. The account is credited with earnings on the underlying investments and charged for participant withdrawals and administrative expenses.

The guaranteed investment contract issuer is contractually obligated to repay the principal and a specified interest rate that is guaranteed to the Plan. There are no reserves against contract value for credit risk of the contract issuer or otherwise.

Contract Information

The Plan has a fixed annuity contract that is guaranteed by TIAA and CREF. TIAA and CREF provides a guarantee of principal, a guaranteed minimum rate of interest (generally 3%, but in some recent contracts, between 1% and 3%), and the potential for additional interest if declared by TIAA and CREF. Additional interest, when declared, remains in effect for the "declaration year," which begins each March 1. Additional interest is not guaranteed for future years. When the accumulation in TIAA Traditional Annuity is converted to an annuity based on life expectancy, the present value of the stream of payments is equal to the accumulation.

As of December 31, 2024 and 2023, the non benefit-responsive portion of the contracts totaled \$23,553,682 and \$27,242,096, respectively. These contracts are presented at fair value in the accompanying financial statements.

As of December 31, 2024 and 2023, the remaining contracts held with TIAA and CREF totaled \$16,669,889 and \$20,698,452, respectively, and are considered fully benefit-responsive. These contracts presented at contract value in the accompanying financial statements.

Contract Value

Contract value is the relevant measurement attributable to the fully benefit-responsive investment contract. Contract value, as reported to the Plan, represents contributions made under the contract, plus earnings, less participant withdrawals and administrative expenses. Participants may ordinarily direct the withdrawal or transfer of all or a portion of their investment at contract value.

Events

Certain events limit the ability of the Plan to transact at contract value with the insurance company and the financial institution issuer. Such events include the following: (i) amendments to the Plan documents (including complete or partial Plan termination or merger with another plan); (ii) changes to the Plan's prohibition on competing investment options or deletion of equity wash provisions; (iii) bankruptcy of the Plan Sponsor or other Plan Sponsor events (e.g., divestitures or spin-offs of a subsidiary), which cause a significant withdrawal of from the Plan; or (iv) the failure of the trust to qualify for exemption from Federal income taxes or any required prohibited transaction exemption under ERISA.

FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY DC PLAN

NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2024 AND 2023

7. FULLY BENEFIT-RESPONSIVE AND NON BENEFIT-RESPONSIVE INVESTMENT  
CONTRACTS (Continued)

Events (continued)

The Plan Administrator does not believe that the occurrence of any events, which would limit the Plan's ability to transact at contract value with participants are probable of occurring.

Interest Crediting Rates

The average yield and crediting interest rate for the years ended December 31, 2024 and 2023, was 3.88% and 3.96%, respectively. The guaranteed investment contract does not permit the insurance company to terminate the agreement prior to the scheduled maturity date.

8. FAIR VALUE MEASUREMENT

In accordance with FASB ASC 820, *Fair Value Measurement*, the Plan has categorized its financial instruments, based on the priority of the inputs to the valuation technique, into a three-level fair value hierarchy. The fair value hierarchy gives the highest priority to quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). If the inputs used to measure the financial instruments fall within different levels of hierarchy, the categorization is based on the lowest level input that is significant to the fair value measurement of the instrument.

Investments recorded in the Statements of Net Assets Available for Benefits are categorized based on the inputs to valuation techniques as follows:

**Level 1.** These are investments where values are based on unadjusted quoted prices for identical assets in an active market the Plan has the ability to access.

**Level 2.** These are investments where values are based on quoted prices for similar instruments in active markets, quoted prices for identical or similar instruments in markets that are not active, or model-based valuation techniques that utilize inputs that are observable either directly or indirectly for substantially the full-term of the investments.

**Level 3.** These are investments where inputs to the valuation methodology are unobservable and significant to the fair value measurement.

Following is a description of the valuation techniques used for assets measured at fair value. There have been no changes in the techniques used or transfers between Levels as of and for the years ended December 31, 2024 and 2023:

- *Registered Investment Companies (Mutual Funds)* - Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the SEC. These funds are required to publish their daily value and to transact at that price. Mutual funds held by the Plan are deemed to be actively traded. Registered investment companies include variable contracts offered by CREF, whereby these accounts invest principally in equity securities, fixed-income instruments and short-term investments in accordance with each portfolio's investment objectives.

## FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY DC PLAN

### NOTES TO FINANCIAL STATEMENTS DECEMBER 31, 2024 AND 2023

#### 8. FAIR VALUE MEASUREMENT (Continued)

- *Registered Investment Companies (Mutual Funds) (continued)* - Account investments are primarily valued using market quotations or prices obtained from independent pricing sources who may employ various pricing methods to value the investments including matrix pricing. The daily values are published on the TIAA and CREF website, which deems these to be valued in the fair value hierarchy.
- *Pooled Separate Accounts* - Valued at the number of participation units held at year-end multiplied by the current participation-unit value. Investments in pooled separate accounts represent ownership of units of participation in various funds, and not ownership of specific assets. The value of a unit of participation is the total value of each fund within the separate accounts divided by the number of units outstanding.
- *Non Benefit-Responsive Investment Contract (TIAA Traditional Annuity)* - The non benefit-responsive portion of the Traditional Annuity is reported at fair value by the insurance company by discounting the related cash flows based on current yields of similar instruments with comparable durations considering the creditworthiness of the issues. Because the participants transact at contract value, fair value is determined annually for financial statement reporting purposes only. Benefits under the non benefit-responsive category of the Annuity have liquidity restrictions. Distributions, withdrawals, and transfers out of the non benefit category of the contract can only be made in 10 annual installments. Distributions can also be made over longer periods.
- *Fully Benefit-Responsive Investment Contract* - The fully benefit-responsive investment contract is reported at contract value. Contract value is the relevant measurement attribute for fully benefit-responsive investment contracts because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan. The contract value of the fully benefit-responsive investment contract represents contributions plus earnings, less participant withdrawals and administrative expenses. In determining the reasonableness of the methodology, a number of factors are considered, such as economic conditions, industry and market developments, and overall credit ratings. Certain unobservable inputs are assessed through review of contract terms, while others are substantiated utilizing available market data.

The fair value of investments within the scope of FASB issued Accounting Standards Update (ASU) 2009-12, *Investment in Certain Entities that Calculate Net Asset Value per Share*, can be determined using NAV per share as a practical expedient when the fair value is not readily determinable, unless its probable that the investment will be sold at something other than NAV. The ASU requires disclosure of certain attributes by major category for investments within the scope of the ASU, regardless of whether the practical expedient was used. The Federation has determined that the Pooled Separate Accounts can be measured using the practical expedient.

Certain investments that are measured at net asset value and contract value have not been categorized in the fair value hierarchy; however, the net asset value and contract value amounts presented in the tables are intended to permit reconciliation of the fair value hierarchy to the amounts presented in the Statements of Net Assets Available for Benefits.

**FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY DC PLAN**

**NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2024 AND 2023**

**8. FAIR VALUE MEASUREMENT (Continued)**

The table below summarizes, by level within the fair value hierarchy, the Plan's investments as of December 31, 2024:

<b>Asset Class:</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Investments Measured at NAV</b>	<b>Investments Measured at Contract Value</b>	<b>Total</b>
Registered investment companies, at fair value	\$ 100,848,968	\$ -	\$ -	\$ -	\$ -	\$ 100,848,968
Pooled separate account, at net asset value	-	-	-	2,739,428	-	2,739,428
Fully benefit-responsive investment contracts, at contract value	-	-	-	-	16,669,889	16,669,889
Non benefit-responsive investment contracts, at fair value	-	-	23,553,682	-	-	23,553,682
<b>TOTAL INVESTMENTS</b>	<b>\$ 100,848,968</b>	<b>\$ -</b>	<b>\$ 23,553,682</b>	<b>\$ 2,739,428</b>	<b>\$ 16,669,889</b>	<b>\$ 143,811,967</b>

The table below summarizes, by level within the fair value hierarchy, the Plan's investments as of December 31, 2023:

<b>Asset Class:</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Investments Measured at NAV</b>	<b>Investments Measured at Contract Value</b>	<b>Total</b>
Registered investment companies, at fair value	\$ 107,094,164	\$ -	\$ -	\$ -	\$ -	\$ 107,094,164
Pooled separate account, at net asset value	-	-	-	3,438,948	-	3,438,948
Fully benefit-responsive investment contracts, at contract value	-	-	-	-	20,698,452	20,698,452
Non benefit-responsive investment contracts, at fair value	-	-	27,242,096	-	-	27,242,096
<b>TOTAL INVESTMENTS</b>	<b>\$ 107,094,164</b>	<b>\$ -</b>	<b>\$ 27,242,096</b>	<b>\$ 3,438,948</b>	<b>\$ 20,698,452</b>	<b>\$ 158,473,660</b>

The following table provides a summary of changes in fair value of the Plan's Level 3 financial assets for the years ended December 31, 2024 and 2023:

	<b>Non-Benefit-Responsive Investment Contracts</b>
<b>Balance as of December 31, 2022</b>	\$ 28,928,835
Contributions	55,893
Investment income	1,296,390
Distributions	(2,616,867)
Net transfers	(422,155)
<b>Balance as of December 31, 2023</b>	27,242,096
Contributions	37,380
Investment income	1,114,429
Distributions	(2,587,921)
Net transfers	(2,252,302)
<b>BALANCE AS OF DECEMBER 31, 2024</b>	<b>\$ 23,553,682</b>

FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY DC PLAN

NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2024 AND 2023

8. FAIR VALUE MEASUREMENT (Continued)

The following is a summary of the Plan's Level 3 financial instruments, the valuation techniques used to measure fair value of those financial instruments, and the significant unobservable inputs and the ranges of values for those inputs as of December 31, 2024 and 2023:

	<u>2024 Fair Value</u>	<u>2023 Fair Value</u>	<u>Principal Valuation Technique</u>	<u>Significant Unobservable Inputs</u>	<u>Range</u>
TIAA Traditional Annuity Investment Contract	<u>\$ 23,553,682</u>	<u>\$ 27,242,096</u>	Discounted Cash Flow	Risk Adjusted Discount Rate Applied	3.88% - 3.96%

The following is a summary of the investments valued using NAV as a practical expedient and the related unfunded commitments and redemption restrictions associated with each major category at December 31, 2024 and 2023:

	<u>2024 Net Asset Value</u>	<u>2023 Net Asset Value</u>	<u>Redemption Frequency</u>	<u>Full Redemption Notice Period</u>
Pooled Separate Accounts	<u>\$ 2,739,428</u>	<u>\$ 3,438,948</u>	Daily	30 Days

There were no unfunded commitments as of December 31, 2024 and 2023.

9. RECONCILIATION OF FINANCIAL STATEMENTS TO FORM 5500

The following is a reconciliation of net assets available for benefits per the financial statements to the Form 5500 as of December 31:

	<u>2024</u>	<u>2023</u>
Net assets available for plan benefits per the financial statements	\$ 144,109,311	\$ 158,986,121
Deemed distributions	<u>(37,065)</u>	<u>(8,454)</u>
<b>NET ASSETS AVAILABLE FOR BENEFITS PER THE FORM 5500</b>	<b><u>\$ 144,072,246</u></b>	<b><u>\$ 158,977,667</u></b>

The following is a reconciliation of changes in net assets available for benefits per the financial statements to the Form 5500 for the year ended December 31:

	<u>2024</u>	<u>2023</u>
Change in net assets available for benefits per the financial statements	\$ 8,717,276	\$ 8,733,770
Change in deemed distributions	<u>(28,611)</u>	<u>(8,454)</u>
<b>CHANGE IN NET ASSETS AVAILABLE FOR BENEFITS PER THE FORM 5500</b>	<b><u>\$ 8,688,665</u></b>	<b><u>\$ 8,725,316</u></b>

**FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY DC PLAN**

**NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2024 AND 2023**

**10. TRANSFER OF PLAN ASSETS**

Effective March 1, 2024, one of the previously participating societies, the American Physiological Society (APS), adopted a resolution and amendment whereby they withdrew from participation in the Plan. The assets of APS were transferred to a newly established, unrelated, defined contribution plan on May 24, 2024, and are presented as an Other item in the accompanying financial statements.

**11. SUBSEQUENT EVENTS**

In preparing these financial statements, the Plan has evaluated events and transactions for potential recognition or disclosure through October 2, 2025, the date the financial statements were issued.

Subsequent to year end, two Societies elected to withdraw from participation in the Plan. The American Society for Biochemistry & Molecular Biology (ASBMB) adopted a resolution and amendment effective April 1, 2025 and the American Association of Immunologists (AAI) adopted a resolution and amendment effective April 21, 2025. The assets of these societies were transferred as soon as reasonably possible after the effective dates.

**SUPPLEMENTAL INFORMATION**

## FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY DC PLAN

SCHEDULE H, LINE 4I, SCHEDULE OF ASSETS (HELD AT END OF YEAR)  
FOR THE YEAR ENDED DECEMBER 31, 2024

EIN: 52-0700497

Plan Number: 001

(a) Party-in- Interest	(b) Identity of Issue, Borrower, Lessor or Similar Party	(c) Description of Investment	(d) Cost	(e) Current Value
<b><u>Fully Benefit-Responsive Investment Contracts:</u></b>				
*	TIAA	TIAA Traditional Benefit Responsive	N/A \$	3,205,576
*	TIAA	TIAA Traditional Benefit Responsive 2	N/A	13,464,313
<b><u>Non Benefit-Responsive Investment Contracts:</u></b>				
*	TIAA	TIAA Traditional Non Benefit Responsive 2	N/A	657,484
*	TIAA	TIAA Traditional Non Benefit Responsive	N/A	22,896,198
<b><u>Pooled Separate Account:</u></b>				
*	TIAA	TIAA Real Estate	N/A	2,739,428
<b><u>Registered Investment Companies:</u></b>				
*	CREF	CREF Stock R2	N/A	23,461,667
*	CREF	CREF Money Market R2	N/A	1,384,636
*	CREF	CREF Social Choice R2	N/A	5,255,878
*	CREF	CREF Social Choice R4	N/A	158,097
*	CREF	CREF Global Equities R2	N/A	8,912,311
*	CREF	CREF Growth R2	N/A	9,868,418
*	CREF	CREF Equity Index R2	N/A	4,113,079
*	CREF	CREF Inflation-Linked Bond R2	N/A	783,904
*	CREF	CREF Core Bond R2	N/A	1,919,625
*	TIAA	Plan Loan Default Fund	N/A	41,587
	Nuveen	Nuveen Money Market Premier	N/A	9
	American Funds	American EuroPac Growth R6	N/A	429,637
	Vanguard	Vanguard Equity Income Adm	N/A	698,635
	Vanguard	Vanguard Small-Cap Idx Adm	N/A	444,364
	Vanguard	Vanguard Mid-Cap Idx Adm	N/A	793,609
	Nuveen	Nuveen Core Impact Bond R6	N/A	4,935
	American Century	American Cent MdCpVa Fd Cla R6	N/A	115,057
	iShares	iShares Developd Real Est Ix K	N/A	898,259
	BlackRock	BlackRock Mid Cap Growth Eq K	N/A	322,341
	ClearBridge	ClearBridge Small Cp Growth IS	N/A	137,887
	PIMCO	PIMCO Income Fd Institutional	N/A	267,038
	PGIM	PGIM Total Return Bond R6	N/A	180,815
	Charles Schwab	Schwab Treas Infl Prot Sec Idx	N/A	1,090,021
	Vanguard	Vanguard Developd Mkts Idx Adm	N/A	942,275
	State Street	State Street Equity 500 Idx K	N/A	20,305,102
	State Street	State Street Aggrgte Bnd Idx K	N/A	3,611,351
	State Street	State Street Sm Md Cp Eq Idx K	N/A	1,851,592
	State Street	State Street Cap Eq ExUS Idx K	N/A	11,427,705
	American Century	American Century Sm Cap Val R6	N/A	298,724
	Alliance Bernstein	AB Large Cap Growth Fund Z	N/A	852,366
	Calvert	CalvertUSLargeCapCoreRespldxR6	N/A	5,489
	Nuveen	Nuveen Intl Resp Equity R6	N/A	263,924
	Amana	Amana Growth Fd Institutional	N/A	6,064
	Amana	Amana Income Fund Inst	N/A	2,567
<b><u>Participant Loans:</u></b>				
*	Participants	Participant Loans with interest from 4.25% - 9.50% and maturities through 2033	-0-	297,344
				<b>\$ 144,109,311</b>

<b>Plan Name</b>	<b>Federation of American Societies for Experimental Biology Defined Contribution Plan</b>
<b>Plan Sponsor EIN</b>	<b>52-0700497</b>
<b>ERISA Plan #</b>	<b>001</b>
<b>Plan Year Ending</b>	<b>December 31, 2024</b>

**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).**

<b>Form/Schedule</b>	<b>Line #</b>	<b>Description</b>	<b>Attachment</b>
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	

<b>Plan Name</b>	<b>Federation of American Societies for Experimental Biology Defined Contribution Plan</b>
<b>Plan Sponsor EIN</b>	<b>52-0700497</b>
<b>ERISA Plan #</b>	<b>001</b>
<b>Plan Year Ending</b>	<b>December 31, 2024</b>

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