

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

Part II Basic Plan Information —enter all requested information		
1a Name of plan <u>FERMI NATIONAL ACCELERATOR LABORATORY TAX SHELTERED ANNUITY PLAN</u>	1b Three-digit plan number (PN) ▶	<u>001</u>
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>FERMI RESEARCH ALLIANCE, LLC</u> <u>FERMINATIONAL ACCELERATOR LABORATORY</u> <u>JENNIFER GONDORCHIN</u> <u>PO BOX 500</u> <u>KIRK RD AND PINE ST</u> <u>MS 126</u> <u>BATAVIA, IL 60510</u> <u>BATAVIA, IL 60510</u>	1c Effective date of plan <u>07/01/1975</u>	2b Employer Identification Number (EIN) <u>57-1239010</u>
2c Plan Sponsor's telephone number <u>630-840-4361</u>	2d Business code (see instructions) <u>541700</u>	

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

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

SIGN HERE	Filed with authorized/valid electronic signature.	10/12/2023	MARIA LIFKA
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/12/2023	JENNIFER GONDORCHIN
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

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

Form 5500 (2022)
v. 220413

3a Plan administrator's name and address ☒ Same as Plan Sponsor		3b Administrator's EIN
		3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name		4b EIN 4d PN
5 Total number of participants at the beginning of the plan year		5 2267
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).		
a(1) Total number of active participants at the beginning of the plan year		6a(1) 1951
a(2) Total number of active participants at the end of the plan year		6a(2) 1842
b Retired or separated participants receiving benefits		6b 43
c Other retired or separated participants entitled to future benefits.....		6c 1393
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d 3278
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e 122
f Total. Add lines 6d and 6e		6f 3400
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		6g 2765
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6h 0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)		7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2L 2M		
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:		
9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)		
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☒ 3 A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)	

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

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

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

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

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

Receipt Confirmation Code _____

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A Name of plan FERMI NATIONAL ACCELERATOR LABORATORY TAX SHELTERED ANNUITY PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 FERMI RESEARCH ALLIANCE, LLC	D Employer Identification Number (EIN) 57-1239010

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

(a) Name of insurance carrier NEW YORK LIFE INSURANCE COMPANY
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(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
13-5582869	66915	GA80106	90	01/01/2022	12/31/2022

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

(a) Total amount of commissions paid	(b) Total amount of fees paid

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	

Part II Investment and Annuity Contract Information

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

4 Current value of plan's interest under this contract in the general account at year end.....	4	10598341
5 Current value of plan's interest under this contract in separate accounts at year end.....	5	0

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

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

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

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

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

b Balance at the end of the previous year	7b	10341495
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c Additions: (1) Contributions deposited during the year	7c(1)	3869805
(2) Dividends and credits.....	7c(2)	0
(3) Interest credited during the year.....	7c(3)	244181
(4) Transferred from separate account.....	7c(4)	0
(5) Other (specify below)	7c(5)	0

(6) Total additions.....	7c(6)	4113986
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d Total of balance and additions (add lines 7b and 7c(6))	7d	14455481
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e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	3846298
(2) Administration charge made by carrier.....	7e(2)	10281
(3) Transferred to separate account.....	7e(3)	0
(4) Other (specify below)	7e(4)	561

▶ MARKET VALUE ADJUSTMENT

(5) Total deductions.....	7e(5)	3857140
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f Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	10598341
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Part III Welfare Benefit Contract Information

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

8 Benefit and contract type (check all applicable boxes)

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

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid	9a(2)		
(3) Increase (decrease) in unearned premium reserve.....	9a(3)		
(4) Earned ((1) + (2) - (3)).....		9a(4)	0
b Benefit charges (1) Claims paid.....	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2)).....		9b(3)	0
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees	9c(1)(B)		
(C) Other specific acquisition costs.....	9c(1)(C)		
(D) Other expenses	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies	9c(1)(F)		
(G) Other retention charges.....	9c(1)(G)		
(H) Total retention.....		9c(1)(H)	0
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement.....		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).).....		9e	

10 Nonexperience-rated contracts:

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

Part IV Provision of Information

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

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

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A Name of plan FERMI NATIONAL ACCELERATOR LABORATORY TAX SHELTERED ANNUITY PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 FERMI RESEARCH ALLIANCE, LLC	D Employer Identification Number (EIN) 57-1239010

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

(a) Name of insurance carrier TIAA-CREF
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(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
13-1624203	69345	101301	1626	01/01/2022	12/31/2022

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

(a) Total amount of commissions paid	(b) Total amount of fees paid

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	

Part II Investment and Annuity Contract Information

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

4	Current value of plan's interest under this contract in the general account at year end.....	4	171113504
5	Current value of plan's interest under this contract in separate accounts at year end.....	5	207075181

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

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

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

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

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

b	Balance at the end of the previous year	7b	177735932
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c	Additions: (1) Contributions deposited during the year	7c(1)	0	
	(2) Dividends and credits	7c(2)	0	
	(3) Interest credited during the year	7c(3)	7092446	
	(4) Transferred from separate account	7c(4)	19608203	
	(5) Other (specify below)	7c(5)	0	

(6) Total additions	7c(6)	26700649
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d Total of balance and additions (add lines 7b and 7c(6))	7d	204436581
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e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	13349409	
(2) Administration charge made by carrier	7e(2)	0	
(3) Transferred to separate account	7e(3)	19216239	
(4) Other (specify below)	7e(4)	757429	

▶ OTHER ADJUSTMENT

(5) Total deductions	7e(5)	33323077
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f Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	171113504
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Part III Welfare Benefit Contract Information

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

8 Benefit and contract type (check all applicable boxes)

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

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid	9a(2)		
(3) Increase (decrease) in unearned premium reserve	9a(3)		
(4) Earned ((1) + (2) - (3))		9a(4)	0
b Benefit charges (1) Claims paid	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2))		9b(3)	0
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees	9c(1)(B)		
(C) Other specific acquisition costs	9c(1)(C)		
(D) Other expenses	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies	9c(1)(F)		
(G) Other retention charges	9c(1)(G)		
(H) Total retention		9c(1)(H)	0
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)		9e	

10 Nonexperience-rated contracts:

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

Part IV Provision of Information

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

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

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A Name of plan FERMI NATIONAL ACCELERATOR LABORATORY TAX SHELTERED ANNUITY PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 FERMI RESEARCH ALLIANCE, LLC	D Employer Identification Number (EIN) 57-1239010

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

(a) Name of insurance carrier TIAA-CREF
--

(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	150114	84	01/01/2022	12/31/2022

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.
--

(a) Total amount of commissions paid	(b) Total amount of fees paid

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

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	(c) Amount	(d) Purpose	

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

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

Part II Investment and Annuity Contract Information

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

4	Current value of plan's interest under this contract in the general account at year end.....	4	2541478
5	Current value of plan's interest under this contract in separate accounts at year end.....	5	3055110

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

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

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

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

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

b	Balance at the end of the previous year	7b	2847893
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c	Additions: (1) Contributions deposited during the year	7c(1)	0
	(2) Dividends and credits.....	7c(2)	0
	(3) Interest credited during the year.....	7c(3)	96935
	(4) Transferred from separate account.....	7c(4)	25504
	(5) Other (specify below)	7c(5)	0

(6) Total additions.....	7c(6)	122439
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d	Total of balance and additions (add lines 7b and 7c(6))	7d	2970332
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e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	403350
(2) Administration charge made by carrier.....	7e(2)	0
(3) Transferred to separate account.....	7e(3)	25504
(4) Other (specify below)	7e(4)	0

(5) Total deductions.....	7e(5)	428854
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f	Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	2541478
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Part III Welfare Benefit Contract Information

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

8 Benefit and contract type (check all applicable boxes)

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

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid	9a(2)		
(3) Increase (decrease) in unearned premium reserve.....	9a(3)		
(4) Earned ((1) + (2) - (3)).....		9a(4)	0
b Benefit charges (1) Claims paid.....	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2)).....		9b(3)	0
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees	9c(1)(B)		
(C) Other specific acquisition costs.....	9c(1)(C)		
(D) Other expenses	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies	9c(1)(F)		
(G) Other retention charges.....	9c(1)(G)		
(H) Total retention.....		9c(1)(H)	0
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement.....		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).).....		9e	

10 Nonexperience-rated contracts:

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

Part IV Provision of Information

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

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

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

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A Name of plan FERMI NATIONAL ACCELERATOR LABORATORY TAX SHELTERED ANNUITY PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 FERMI RESEARCH ALLIANCE, LLC	D Employer Identification Number (EIN) 57-1239010

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
FIDELITY INVESTMENTS INSTITUTIONAL
04-2647786

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

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

(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

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)

FIDELITY INVESTMENTS INSTITUTIONAL

04-2647786

(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?
13 15 19 37 64 65 71	NONE	66705	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

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

CREF-TIAA-INVESTMENT MANAGEMENT,LLC

13-3586142

(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	NONE	0	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

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

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

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
INVESCO S&P 500 INDEX CLASS A 11 GREENWAY PLAZA HOUSTON, TX 77046	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
INVESCO EQUALLY WEIGHTED S&P 500 A 11 GREENWAY PLAZA HOUSTON, TX 77046	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
ADV PREFERRED GOLD BULLION STRAT IN 1445 RESEARCHED BLVD ROCKVILLE, MD 20850	0.40%	

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
INVESCO INTL SMALL MID COMPANY A 11 GREENWAY PLAZA HOUSTON, TX 77046	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
AMERICAN MUTUAL FUNDCLASS F1 3500 WISEMAN BLVD SAN ANTONIO, TX 78251-4321	0.37%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
ARTISAN SMALL CAP FUND INVESTOR CL 875 EAST WISCONSIN AVENUE MILWAUKEE, WI 53202	0.39%	

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
BNY MELLON NATURAL RESOURCES A 144 GLENN CURTISS BLVD UNIONDALE, NY 11556	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
BARON REAL ESTATE FUND RETAIL 767 5TH AVENUE NEW YORK, NY 10153	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
BARON GLOBAL ADVANTAGE FD RETAIL 767 5TH AVENUE NEW YORK, NY 10153	0.40%	

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
BLACKROCK TECHNOLOGY OPPORTUNITIES C 40 EAST 52ND STREET NEW YORK, NY 10022	0.40%

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	16

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
EATON VANCE GREATER INDIA FUND CLAS TWO INTERNATIONAL PLACE BOSTON, MA 02110	

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
FMI INTERNATIONAL 777 EAST WISCONSIN AVENUE MILWAUKEE, WI 53202	0.40%

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
FIRST EAGLE GOLD CLASS A 1345 AVE OF THE AMERICAS NEW YORK, NY 10105	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
FROST TOTAL RETURN BOND FD INVESTOR P.O. BOX 2509 SAN ANTONIO, TX 78299-2509	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
GABELLI GOLD FUND CLAA 401 THEODORE FREMD. RYE, NY 10580	0.40%	

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
AMERICAN GROWTH FUND OF AMERICA CLAS 3500 WISEMAN BLVD SAN ANTONIO, TX 78251-4321	0.37%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
HARBOR CAP APP INV 111 S. WACKER DR CHICAGO, IL 60606	0.35%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
JANUS HENDERSON VENTURE T 151 DETROIT ST DENVER, CO 80206	0.35%	

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
JANUS HENDERSON ENTERPRISE T 151 DETROIT ST DENVER, CO 80206	0.35%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
JANUS HENDERSON FORTY T 151 DETROIT ST DENVER, CO 80206	0.35%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
JANUS HENDERSON EUROPEAN FOCUS CL T 151 DETROIT ST DENVER, CO 80206	0.35%	

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
MFS GLOBAL REAL ESTATE CL A 111 HUNTINGTON AVE BOSTON, MA 02199-7632	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
MFS GROWTH FUND CLASS A 111 HUNTINGTON AVE BOSTON, MA 02199-7632	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
MATHEWS CHINA DIV FUND INVESTOR CL 4 EMBARCADERO CENTER SAN FRANCISCO, CA 94111	0.40%	

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
MATTHEWS PACIFIC TIGER FUND 4 EMBARCADERO CENTER SAN FRANCISCO, CA 94111	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
MATTHEWS CHINA FUND 4 EMBARCADERO CENTER SAN FRANCISCO, CA 94111	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
MORGAN STANLEY DISCOVERY PORT CL A 522 FIFTH AVENUE NEW YORK, NY 10036	0.40%	

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
MORGAN STA INST INC. INCEPTION PORT 522 FIFTH AVENUE NEW YORK, NY 10036	0.40%

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
MORGAN STANLEY INSIGHT A 522 FIFTH AVENUE NEW YORK, NY 10036	0.40%

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
MORGAN STANLEY GLOBAL OPPORTUNITY A 522 FIFTH AVENUE NEW YORK, NY 10036	0.40%

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
AMERICAN NEW WORLD CLASS F1 3500 WISEMAN BLVD SAN ANTONIO, TX 78251-4321	0.37%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
PARNASSUS VALUE EQUITY INVESTOR ONE MARKET STREET SAN FRANCISCO, CA 94105	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
PRIMECAP ODYSSEY STOCK FUND 2020 E. FINANCIAL WAY GLEN DORA, CA 91741	0.10%	

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
AKRE FOCUS FUND RETAIL 777 E. WISCONSIN AVE. MILWAUKEE, WI 53202	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
PGIM JENNISON GROWTH CL Z 655 BROAD STREET NEWARK, NJ 07102	0.10%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
T ROWE PRICE FINANCIAL SERVICES 4515 PAINTERS MILL RD OWINGS MILLS, MD 21117	0.15%	

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
T ROWE PRICE BLUE CHIP GROWTH INC 4515 PAINTERS MILL RD OWINGS MILLS, MD 21117	0.15%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
T ROWE PRICE GLOBAL STOCK 4515 PAINTERS MILL RD OWINGS MILLS, MD 21117	0.15%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
T ROWE PRICE QM US SML CAP GRWTH EQ 4515 PAINTERS MILL RD OWINGS MILLS, MD 21117	0.15%	

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
SHELTON NASDAQ 100 INDEX INVESTOR P.O. BOX 87 DENVER, CO 80201-0087	0.12%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
SHELTON S&P SMALL CAP INDEX INVESTO P.O. BOX 87 DENVER, CO 80201-0087	0.12%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
SMEAD VALUE INSTL SHARE CLASS 1290 BROADWAY STE1100 DENVER, CO 80203	0.15%	

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
THRIVENT SMALL CAP STOCK FUND CL S 4321 N. BALLARD ROAD APPLETON, WI 54919-0001	0.15%

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
THRIVENT MID CAP STOCK FUND CL S 4321 N. BALLARD ROAD APPLETON, WI 54919-0001	0.15%

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
USAA SCIENCE & TECHNOLOGY CL A 4900 TIEDEMAN RD BROOKLYN, OH 44114	0.40%

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
VICTORY RS GLOBAL FUND CLASS A 4900 TIEDEMAN RD BROOKLYN, OH 44114	0.40%

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
VIRTUS ZEVENBERGEN INNOVATIVE GR 100 SUMMIT LAKE DR 201 ST GREENFIELD, MA 01301	0.40%

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
C&S INST REALTY SHS-DST AS MGR SOL 430 W 7TH STREET KANSAS CITY, MO 64105	0.10%

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
DL TOT RTN BND I-US BANCORP FD SER 615 EAST MICHIGAN STE. MILWAUKEE, WI 53201	0.15%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
DODGE&COX GLB DST ASSET MGM SOL INC 430 W 7TH STREET STE KANSAS CITY, MO 64105	0.10%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
WM BLA SMD GR-I-DST AST MGN SOL INC 430 W 7TH STREET STE KANSAS CITY, MO 64105	0.15%	

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan FERMI NATIONAL ACCELERATOR LABORATORY TAX SHELTERED ANNUITY PLAN	B Three-digit plan number (PN) ►	001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 FERMI RESEARCH ALLIANCE, LLC	D Employer Identification Number (EIN) 57-1239010	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: TIAA REAL ESTATE FUND		
b Name of sponsor of entity listed in (a): TIAA-CREF		
c EIN-PN 13-1624203-004	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 20935203
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

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

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

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

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

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>FERMI NATIONAL ACCELERATOR LABORATORY TAX SHELTERED ANNUITY PLAN</u>	B Three-digit plan number (PN) ►	<u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>FERMI RESEARCH ALLIANCE, LLC</u>	D Employer Identification Number (EIN) <u>57-1239010</u>	

Part I	Asset and Liability Statement		
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash.....	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)		
(2) Participant contributions.....	1b(2)		
(3) Other.....	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants).....	1c(7)		
(8) Participant loans.....	1c(8)	709023	865815
(9) Value of interest in common/collective trusts.....	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)	20396433	20935203
(11) Value of interest in master trust investment accounts.....	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	569243045	453670340
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	190925320	184253323
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	781273821	659724681

Liabilities

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

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	781273821	659724681
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Part II Income and Expense Statement

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

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)		
(B) Participants	2a(1)(B)	16987307	
(C) Others (including rollovers)	2a(1)(C)	1929817	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		18917124
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	38242	
(F) Other	2b(1)(F)	17293486	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		17331728
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	1695702	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		1695702
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		1709182
(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)		-112629921
c Other income	2c		
d Total income. Add all income amounts in column (b) and enter total	2d		-72976185
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	45671014	
(2) To insurance carriers for the provision of benefits	2e(2)	2835236	
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		48506250
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)	66705	
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		66705
j Total expenses. Add all expense amounts in column (b) and enter total	2j		48572955
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-121549140
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

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

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

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

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

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

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

(1) Name: CROWE, LLP

(2) EIN: 35-0921680

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

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

Part IV Compliance Questions

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

During the plan year:

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

	Yes	No	Amount
4a		X	

	Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)		X	
4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		X	
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)		X	
4d		X	
e Was this plan covered by a fidelity bond?	X		1000000
4e	X		1000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)		X	
4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X	
4k		X	
l Has the plan failed to provide any benefit when due under the plan?		X	
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		X	
4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n			

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

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

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

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

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan FERMI NATIONAL ACCELERATOR LABORATORY TAX SHELTERED ANNUITY PLAN		B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 FERMI RESEARCH ALLIANCE, LLC		D Employer Identification Number (EIN) 57-1239010
Part I	Distributions	
All references to distributions relate only to payments of benefits during the plan year.		
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....		1 0
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 04-2647786 13-1624203		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....		3
Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)	
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☐ No ☐ N/A If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....		6a
b Enter the amount contributed by the employer to the plan for this plan year.....		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☐ N/A		
Part III	Amendments	
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box..... ☐ Increase ☐ Decrease ☐ Both ☐ No		
Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.	
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?..... ☐ Yes ☐ No		
11 a Does the ESOP hold any preferred stock?..... ☐ Yes ☐ No		
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)..... ☐ Yes ☐ No		
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?..... ☐ Yes ☐ No		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

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

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

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

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

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

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

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

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

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

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

☐ Yes.

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

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

☐ No. Other. Provide explanation _____

**FERMI NATIONAL ACCELERATOR LABORATORY
TAX SHELTERED ANNUITY PLAN**

Employer Identification #57-1239010

FINANCIAL STATEMENTS

December 31, 2022 and 2021

FERMI NATIONAL ACCELERATOR LABORATORY
TAX SHELTERED ANNUITY PLAN

FINANCIAL STATEMENTS
December 31, 2022 and 2021

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Supplemental schedules required by the Employee Retirement Income Security Act of 1974, as amended that have not been included are not applicable.

INDEPENDENT AUDITOR'S REPORT

Plan Administrator
Fermi National Accelerator Laboratory Tax Sheltered Annuity Plan
Batavia, Illinois

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

We were engaged to perform audits of the financial statements of Fermi National Accelerator Laboratory Tax Sheltered Annuity Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statement of changes in net assets available for benefits for the years ended December 31, 2022 and 2021, and the related notes to the financial statements.

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

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

Disclaimer of Opinion

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

Basis for Disclaimer of Opinion

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

(Continued)

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

Responsibilities of Management for the Financial Statements

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

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

Our responsibility is to conduct an audit of the Plan's financial statements in accordance with auditing standards generally accepted in the United States of America and to issue an auditor's report. However, because of the matters described in the Basis for Disclaimer of Opinion section of our report, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion on these financial statements.

We are required to be independent of the Plan, and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits.

Other Matter – Supplemental Schedules Required by ERISA

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


Crowe LLP

Oak Brook, Illinois
October 4, 2023

FERMI NATIONAL ACCELERATOR LABORATORY
TAX SHELTERED ANNUITY PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
December 31, 2022 and 2021

	<u>2022</u>	<u>2021</u>
Assets		
Investments, at fair value		
Mutual Funds	\$ 229,875,749	\$ 269,516,124
Self-Directed Brokerage Accounts	34,599,503	47,164,394
CREF Variable Annuities	189,195,088	252,562,527
Teachers Insurance and Annuity Association Real Estate Fund	20,935,203	20,396,433
Teachers Insurance and Annuity Associated Traditional Account	<u>134,702,893</u>	<u>140,560,415</u>
Total investments, at fair value	609,308,436	730,199,893
Investments, at contract value		
Teachers Insurance and Annuity Association Traditional		
Account – benefit responsive	38,952,089	40,023,410
New York Life Guaranteed Interest Account – benefit responsive	<u>10,598,341</u>	<u>10,341,495</u>
Total investments, at contract value	49,550,430	50,364,905
Receivables		
Notes receivable from participants	<u>865,815</u>	<u>709,023</u>
Net assets available for benefits	<u>\$ 659,724,681</u>	<u>\$ 781,273,821</u>

See accompanying notes to financial statements.

FERMI NATIONAL ACCELERATOR LABORATORY
TAX SHELTERED ANNUITY PLAN
STATEMENTS OF CHANGES NET ASSETS AVAILABLE FOR BENEFITS
Years ended December 31, 2022 and 2021

	<u>2022</u>	<u>2021</u>
Additions:		
Participant contributions	\$ 16,987,307	\$ 16,257,181
Rollover contributions	1,929,817	2,582,277
Investment income		
Net appreciation in fair value of investments	-	66,963,393
Interest income and dividends	<u>19,027,430</u>	<u>19,520,178</u>
Total investment income	<u>19,027,430</u>	<u>86,483,571</u>
Total additions	37,944,554	105,323,029
Deductions:		
Net depreciation in fair value of investments	110,920,739	-
Benefits paid	48,506,250	57,213,995
Administrative expenses	<u>66,705</u>	<u>65,263</u>
Total deductions	<u>159,493,694</u>	<u>57,279,258</u>
Net (decrease) increase	(121,549,140)	48,043,771
Net assets available for benefits		
Beginning of year	<u>781,273,821</u>	<u>733,230,050</u>
End of year	<u>\$ 659,724,681</u>	<u>\$ 781,273,821</u>

See accompanying notes to financial statements.

FERMI NATIONAL ACCELERATOR LABORATORY
TAX SHELTERED ANNUITY PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2022 and 2021

NOTE 1 - DESCRIPTION OF PLAN

The following brief description of the Fermi National Accelerator Laboratory Tax Sheltered Annuity Plan (the Plan) is provided for general informational purposes only. Participants should refer to the Plan's description in the plan document for a more complete description of the Plan's provisions.

General: The Plan allows either or both deferred compensation and Roth designated contributions and satisfies the Internal Revenue Code (IRC) Section 403(b). The effective date of the Plan was July 1, 1975.

Plan Administration: The Plan is administered by Fermi Research Alliance, LLC (the Plan Sponsor). Assets of the Plan are held by Fidelity Management Trust Company (Fidelity), Teachers Insurance and Annuity Association of America (TIAA) and College Retirement Equities Fund (CREF) (collectively, TIAA-CREF), BNY Mellon Investment Management (BNY Mellon), and Newport Trust Company (Newport) (collectively, the Custodians and Recordkeepers).

On February 2, 2015, Fidelity became the sole Custodian and Recordkeeper for all future contributions to the Plan. As of this date, no new accounts are allowed to be opened or new contributions deposited with the other Custodians and Recordkeepers of the Plan. The participants had the option to either retain their accounts at Vanguard, BNY Mellon and TIAA-CREF or transfer them to Fidelity to the fund of their choice. For account balances not transferred to Fidelity funds, Newport, BNY Mellon and TIAA-CREF are the Custodians and Recordkeepers for those Plan assets.

On December 1, 2017 assets held by The Vanguard Trust Company were transferred to the Newport. Newport is the Custodian for those assets, while Vanguard remains the Recordkeeper.

Participants and Contributions: Substantially all employees of Fermi Research Alliance are eligible to join the Plan on their first day of employment. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA), as amended.

Each year participants may make tax deferred contributions as defined by the Plan, subject to the limitations of the IRC. Additionally, participants age 50 or older or who will attain age 50 during the plan year may make a "catch-up" contribution as defined by the IRC. The Plan Sponsor does not make any contributions to the Plan. The contributions made by participants to the Plan are made on a weekly or monthly basis.

Participant Accounts: A separate account is maintained for each participant. Each participant's account is credited with contributions and earnings thereon and charged with his or her withdrawals and an allocation of administrative expenses. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account. Participants may direct their contributions into a variety of investment options made available under the Plan.

Vesting: A participant's contributions, plus income and gains or losses from investment of such contributions, are fully vested and nonforfeitable at all times.

Payment of Benefits: Participants may receive all or a portion of their vested account balance upon reaching 59½ years of age or termination of employment. Participants can elect to receive all or a portion of their account balances including rollovers for financial hardship. Participants who terminate employment prior to retirement may elect to leave their accumulations in the funding vehicles or have their balance distributed in a lump sum or transferred to an individual retirement account or another employer's qualified plan. Generally, participants must begin taking minimum distributions upon April 1 following, the later of, reaching 72 years of age or retirement. Death benefits are paid according to the benefits election in effect at the time of death.

(Continued)

FERMI NATIONAL ACCELERATOR LABORATORY
TAX SHELTERED ANNUITY PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2022 and 2021

NOTE 1 - DESCRIPTION OF PLAN (Continued)

Plan Assets Pledged as Collateral: Participants with funds held in TIAA-CREF are permitted to obtain loans directly from TIAA. Adequate security is required and a portion of a participant's TIAA Traditional Annuity Account balance serves as collateral to cover 110% of the outstanding loan amount for the period of time the loan is outstanding in case of default. Effective January 1, 2022, TIAA-CREF stopped issuing collateralized loans.

At December 31, 2022 there were no plan loan balances in the Plan. At December 31, 2021, participants had outstanding plan loan balances due to TIAA of \$23,127. During 2022 and 2021, accumulations used to satisfy plan loan defaults were not material.

Notes Receivable from Participants: Participants contributing to Fidelity may borrow, from their before-tax account or rollover account, a minimum of \$1,000 up to a maximum equal to the lesser of (i) \$50,000, reduced for participants with prior loans by the highest outstanding balance of loans from the Plan during the one-year period ending on the day before the date the loan is made or (ii) 50.00% of their vested pretax and rollover account balance. Loans used to purchase a primary residence can be repaid over 15 years. Loans for all other purposes must be repaid within five years. Principal and interest are repaid monthly directly by participants. Participant loans are measured at their unpaid principal plus any accrued but unpaid interest.

Plan Termination: Although the Plan Sponsor has not expressed any intent to terminate the Plan, the Plan Sponsor is free to do so at any time, subject to the provisions of ERISA.

NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Presentation: The accompanying financial statements have been prepared on the accrual basis of accounting.

As discussed in Note 1, the Plan was established in 1975 and historically was viewed as an accumulation of individual custodial accounts and the Plan and its Custodians and TIAA-CREF did not maintain financial information at the plan level. As of December 31, 2008, the Plan's Custodians and TIAA-CREF began to provide the Plan Sponsor with annual certified statements summarizing the Plan's activities and holdings. Because certain historical records were not maintained or are not available at the plan level, the Plan may have excluded from investments in the accompanying statements of net assets available for benefits certain custodial accounts and annuity contracts, and the related activity, issued to former employees prior to January 1, 2009. The amount of these potentially excluded custodial accounts and annuity contracts and the related income and distributions are not determinable.

Contributions: Contributions by participants are accrued in the period in which they become payable to the Plan.

Investment Valuation and Income Recognition: The Plan's investments, other than fully benefit-responsive contracts, are reported at fair value, as further described in Note 6.

(Continued)

FERMI NATIONAL ACCELERATOR LABORATORY
TAX SHELTERED ANNUITY PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2022 and 2021

NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

The unit values of the Plan's holdings in fully benefit-responsive investment contracts including certain TIAA Traditional Annuities and the New York Life Guaranteed Interest Account are reported at contract value, which equals the accumulated cash contributions and interest credited to the Plan's contracts, less any withdrawals. Contract value is the relevant measure for the Plan's fully benefit-responsive investment contracts, because contract value is the amount Plan participants generally receive when executing transactions under the terms of the contract and Plan provisions, as further described in Note 3.

Net realized and unrealized appreciation or depreciation in fair value of investments represents the Plan's gains and losses on investments bought and sold as well as held during the year, net of certain expenses. Purchases and sales of investment securities are recorded on a trade-date basis. Interest income is recorded on an accrual basis as earned. Dividend income is recorded on the ex-dividend date.

Use of Estimates: The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities, and changes therein and disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

Risks and Uncertainties: The Plan provides for various investment options. Investment securities are exposed to various risks, such as interest rate, market, liquidity, credit risks, and risks related to global events. 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 the amounts reported in the statements of net assets available for benefits and changes in net assets available for benefits.

Payment of Benefits: Benefits are recorded when paid.

Administrative Expenses: Service fees necessary for the operation of the Custodians and Recordkeeper, including the rendering of investment advice, the administration of funds, and the distribution of annuity certificates, are deducted quarterly from the net assets of the funds, thereby reducing the value of a participant's account. Investment management fees are charged to the Plan as a reduction of investment return and included in the investment income (loss) reported by the Plan. The Plan Sponsor provides the Plan with certain other administrative services without charge and pays various other miscellaneous expenses on behalf of the Plan.

Subsequent Events: The Plan has evaluated subsequent events through October 4, 2023 the date the financial statements were available to be issued.

NOTE 3 - FULLY BENEFIT-RESPONSIVE INVESTMENT CONTRACTS

The plan holds fully benefit-responsive investment contracts. These contracts meet the fully benefit-responsive investment contract criteria and therefore are reported at contract value.

Participants in fully benefit-responsive contracts may ordinarily direct the withdrawal or transfer of all or a portion of their investment at contract value. The Plan holds a direct interest in fully benefit-responsive contracts through the TIAA Traditional Annuity Account ("TAA") and the New York Life Guaranteed Interest Account ("GIA"). The Plan holds \$49,550,430 and \$50,364,905 in fully benefit-responsive investment contracts as of December 31, 2022 and 2021, respectively, through its investment holdings in TAA (TIAA, issuer) and GIA (New York Life Insurance Company ("NYLIC"), issuer) accounts.

(Continued)

FERMI NATIONAL ACCELERATOR LABORATORY
TAX SHELTERED ANNUITY PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2022 and 2021

NOTE 3 - FULLY BENEFIT-RESPONSIVE INVESTMENT CONTRACTS (Continued)

The traditional investment contracts held by the Plan are guaranteed investment contracts. TIAA and NYLIC are contractually obligated to repay the principal and interest at a specified interest rate that is guaranteed to the Plan. The crediting rate is based on a formula established by the issuer. The crediting rate is reviewed periodically for resetting. The contract cannot be terminated before the scheduled maturity date.

The Plan's ability to receive amounts due in accordance with fully benefit-responsive investment contracts is dependent on TIAA and NYLIC's ability to meet its financial obligations. TIAA and NYLIC's ability to meet its contractual obligations may be affected by future economic and regulatory developments.

Certain events might limit the ability of the Plan to transact at contract value with TIAA and NYLIC. These events may be different under each contract. Examples of such events include the following:

- The Plan's failure to qualify under Section 403(b) of the Internal Revenue Code or the failure of the Plan to be tax-exempt under section 501(a) of the Internal Revenue Code
- Premature termination of the contracts
- Plan termination or merger
- Changes to the Plan's prohibition on competing investment options
- Bankruptcy of the plan sponsor or other plan sponsor events that significantly affect the Plan's normal operations.

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

In addition, certain events allow TIAA or NYLIC to terminate the contracts with the Plan and settle at an amount different from contract value. Those events may be different under each contract. Examples of such events include the following:

- An uncured violation of the Plan's investment guidelines
- A breach of a material obligation under the contract
- A material misrepresentation
- A material amendment to the agreements without the consent of the issuer

NOTE 4 - NEW YORK LIFE GUARANTEED INTEREST ACCOUNT

The GIA is a group annuity contract available as an investment option to plan participants. The GIA consists of a broadly diversified fixed income portfolio within NYLIC's general account and is intended to provide a stable crediting rate consistent with preservation of principal. Interest is accrued daily and credited monthly to the GIA and reflects the crediting rate declared in advance and guaranteed by NYLIC.

The key factors that impact the crediting rate under the group annuity contract are the timing and magnitude of the cash flows in and out of the general account as well as prevailing market rates on fixed income assets available for investment by the general account. The interest crediting rate may not be reset more frequently than semi-annually after the first contract year. The crediting rate is subject to a minimum rate provision as provided in the group annuity contract, but may never fall below 1% after deduction for any expenses.

(Continued)

FERMI NATIONAL ACCELERATOR LABORATORY
TAX SHELTERED ANNUITY PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2022 and 2021

NOTE 4 - NEW YORK LIFE GUARANTEED INTEREST ACCOUNT (Continued)

The group annuity contract provides that, subject to certain limitations, withdrawals for benefit payments at death, retirement, disability, termination of employment, and for loans, hardship withdrawals or in-service withdrawals as permitted by the Plan are completed at contract value. Certain distributions, including but not limited to distributions resulting from employer-initiated events such as Plan termination, merger, spin-off, and early retirement incentives may be completed subject to a market value adjustment, however the Plan Administrator deems these employer-initiated events are not probable to occur.

The group annuity contract may be terminated by the contract holder at any time, provided written notice of termination is received by NYLIC at least 30 days but not more than 60 days prior to the intended termination date. At contract termination, the participant may elect to receive either an immediate lump sum distribution subject to a market value adjustment or receive a contract value distribution in 6 annual installments over a period of 5 years.

NOTE 5 - TIAA TRADITIONAL ACCOUNT

The TIAA Traditional Account is a guaranteed fixed annuity contract available as an investment option to plan participants. Each contract is fully and unconditionally guaranteed by TIAA. The TIAA Traditional Individual Fixed Annuity Contracts are offered through a variety of contract types, including Retirement Annuities (RA), Group Retirement Annuities (GRA), Supplemental Retirement Annuities (SRA), and Group Supplemental Retirement Annuities (GSRA). The type of contract through which a participant invests in the TIAA Traditional Account determines the applicability of certain account features, such as the guaranteed minimum interest rate, additional interest declarations, the degree of liquidity of the participant's account, and the options for receiving income upon retirement. There are certain restrictions on the RA and GRA contracts. Participants with RA and GRA contracts have certain restrictions over the availability of lump-sum withdrawals from the contracts as well as over the number of installments in which participant-initiated transfers and participant-initiated withdrawals are made. Based on these provisions, the RA and GRA contracts are considered to be non-fully benefit-responsive. As there are no comparable restrictions over the SRA and GSRA contracts, those contracts are considered fully benefit-responsive. Participants in the Plan hold investments in both non-fully benefit-responsive and fully benefit-responsive contracts through the TIAA Traditional Account.

All investment contracts through the TIAA Traditional Account are directly between TIAA and the participants. The contracts do not provide any provisions that would allow TIAA to terminate the contracts between TIAA and the participants.

When participants choose to allocate a portion of their retirement savings to the TIAA Traditional Account during the accumulation phase of the contract, their contributions purchase a specific amount of lifetime income based on the contractual rate schedule in effect at the time the premium is paid. The participant's principal, plus a specified minimum rate of interest, is guaranteed by TIAA's claims paying ability and maintained by TIAA in its general account. Based upon recent credit ratings for TIAA, management believes no adjustment to contract value is required related to credit quality.

(Continued)

FERMI NATIONAL ACCELERATOR LABORATORY
TAX SHELTERED ANNUITY PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2022 and 2021

NOTE 5 - TIAA TRADITIONAL ACCOUNT (Continued)

The TIAA Traditional Annuity also provides the potential for additional interest if declared by TIAA's Board of Trustees. Additional interest, when declared, remains in effect for the declaration year, which begins each March 1 for accumulating annuities, and January 1 for lifetime payout annuities. Additional interest is not guaranteed for future years. Together, the guaranteed minimum and additional amounts make up the crediting interest rate. The crediting rates are based on an agreed-upon formula with the issuer, as defined in the contract agreement. The guaranteed annual interest rate is 3.00% for all premiums remitted since 1979 under the RA, GRA, SRA and GSRA contracts. Such interest rates are reviewed on a periodic basis and may from time to time have a new rate substituted for the one in the current certificate. A new rate will apply only to benefits arising from any premiums, additional amounts, and internal transfers applied to the Traditional Annuity while such rate schedule is in effect and will not affect any benefits purchased prior to the change, as defined in the contracts. The key factors that influence future interest crediting rates could include the following: the level of market interest rates; the amount and timing of participant contributions, transfers and withdrawals into/out of the contracts; and the duration of the underlying investments backing the contracts.

The RA contract does not allow lump-sum cash withdrawals and transfers must be spread over 10 annual installments. With the GRA, SRA, and GSRA contracts, lump-sum withdrawals are available within 120 days of termination of employment. The GRA is also subject to a 2.50% surrender charge. All other withdrawals and transfers from RA, GRA, SRA, and GSRA contracts must be spread over 10 annual installments (5 annual installments for withdrawals after termination of employment). The SRA and GSRA contracts provide for full participant-directed liquidity. When a participant's accumulation in the TIAA Traditional Annuity is converted to a lifetime payout annuity, the present value of the stream of payments is equal to the accumulated balance, and the entire amount is recorded as a distribution in the statements of changes in assets available for benefits.

NOTE 6 - FAIR VALUE MEASUREMENTS

Fair value is the price that would be received by the Plan for an asset or paid by the Plan to transfer a liability (and exit price) in an orderly transaction between market participants on the measurement date in the Plan's principal or most advantageous market for the asset or liability. FASB Accounting Standards Codification (ASC) 820, Fair Value Measurements, provides a framework for measuring fair value, which provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under ASC 820 are described below:

Level 1 - Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

Level 2 - Inputs to the valuation methodology include:

- Quoted prices for similar assets or liabilities in active markets
- Quoted prices for identical or similar assets or liabilities in inactive markets
- Inputs other than quoted prices that are observable for the assets or liabilities
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means

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

(Continued)

FERMI NATIONAL ACCELERATOR LABORATORY
TAX SHELTERED ANNUITY PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2022 and 2021

NOTE 6 - FAIR VALUE MEASUREMENTS (Continued)

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

The asset's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

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

Mutual Funds: The fair values of mutual funds are based on 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 U.S. Securities and Exchange Commission. These funds are required to publish their daily net asset value and to transact at that price (Level 1).

Self-directed brokerage account: The self-directed brokerage accounts consist primarily of mutual funds that are valued on the basis of readily determinable market prices (Level 1).

Variable annuities and pooled separate account: The fair values of the Plan's interest in the CREF variable annuities and the TIAA Real Estate Account (a variable annuity pooled separate account) are determined by obtaining quoted prices on the NASDAQ Stock Market (Level 1).

TIAA Traditional Annuity: Investments in TIAA Traditional Annuity contracts (not fully benefit-responsive) are reported at contract value which has been determined to be the most reasonable estimate of fair value. As these investments are contract-based, observable prices for identical or similar investments do not exist, and accordingly, these investments are valued using unobservable inputs (Level 3). The contract value equals the accumulated cash contributions and interest credited to the contract, less any withdrawals. Liquidity restrictions apply to certain types of contracts that could impact the value realized upon exiting the contract. See also Note 5 for discussion of the TIAA Traditional Annuity contracts.

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. While plan management believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

The following table sets forth by level, within the fair value hierarchy, the Plan's investments at fair value as of December 31, 2022 and 2021:

	Investments at fair value as of December 31, 2022			
	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Mutual Funds	\$ 229,875,749	\$ -	\$ -	\$ 229,875,749
Self-Directed Brokerage Account	34,599,503	-	-	34,599,503
CREF Variable Annuities	189,195,088	-	-	189,195,088
TIAA Real Estate Fund	20,935,203	-	-	20,935,203
TIAA Traditional Annuity	-	-	134,702,893	134,702,893
Investments at fair value	<u>\$ 474,605,543</u>	<u>\$ -</u>	<u>\$ 134,702,893</u>	<u>\$ 609,308,436</u>

(Continued)

FERMI NATIONAL ACCELERATOR LABORATORY
TAX SHELTERED ANNUITY PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2022 and 2021

NOTE 6 - FAIR VALUE MEASUREMENTS (Continued)

	Investments at fair value as of December 31, 2021			
	Level 1	Level 2	Level 3	Total
Mutual Funds	\$ 269,516,124	\$ -	\$ -	\$ 269,516,124
Self-Directed Brokerage Account	47,164,394	-	-	47,164,394
CREF Variable Annuities	252,562,527	-	-	252,562,527
TIAA Real Estate Fund	20,396,433	-	-	20,396,433
TIAA Traditional Annuity	-	-	140,560,415	140,560,415
Investments at fair value	<u>\$ 589,639,478</u>	<u>\$ -</u>	<u>\$ 140,560,415</u>	<u>\$ 730,199,893</u>

The following table represents the Plan's Level 3 financial instruments, the valuation techniques used to measure the fair value of those financial instruments, and the significant unobservable inputs and the ranges of values for those inputs as December 31, 2022 and 2021:

Instrument	Fair Value		Principal Valuation Technique	Unobservable Inputs	Range of Significant Input Values
	2022	2021			
TIAA Traditional Annuity (not fully benefit responsive)	\$ 134,702,893	\$ 140,560,415	Discounted cash flow	Risk-adjusted discount rate applied	2022 RA - 3.70% - 6.25% GRA - 3.70% - 6.25%
			Theoretical transfer (exit value)		2021 RA - 3.00% - 3.80% GRA - 3.00% - 3.80%

Plan investments measured at fair value on a recurring basis using significant unobservable inputs (Level 3) during the years ended December 31, 2022 and 2021 included \$23,037,529 and \$17,533,659 in purchases, respectively, and \$28,895,052 and \$21,841,351 in sales, respectively.

NOTE 7 - CERTIFIED INVESTMENTS

Certain information related to investments and notes receivable from participants disclosed in the accompanying financial statements and ERISA-required supplemental schedule, including investments and notes receivable from participants held at December 31, 2022 and 2021, and net appreciation (depreciation) in fair value of investments, interest and dividends, and interest income on notes receivable from participants for the years ended December 31, 2022 and 2021, was obtained by management and agreed to or derived from information certified as complete and accurate by Fidelity Management Trust Company and TIAA-CREF.

(Continued)

FERMI NATIONAL ACCELERATOR LABORATORY
TAX SHELTERED ANNUITY PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2022 and 2021

NOTE 8 - PARTY-IN-INTEREST TRANSACTIONS

Parties-in-interest are defined under Department of Labor regulations as any fiduciary of the plan, any party rendering service to the plan, the employer, and certain others. Certain plan investments are/were managed by Fidelity Investments, and BNY Mellon, as the Custodians, and other investments by Vanguard and TIAA-CREF, as the Recordkeepers. Therefore, the related investment transactions qualify as party-in-interest transactions. Notes receivable from participants also reflect party-in-interest transactions.

NOTE 9 - INCOME TAX STATUS

The Plan is intended to comply with the applicable requirements of Section 403(b) of IRC. A tax determination letter program is not yet available for IRC Section 403(b) plans through the Internal Revenue Service (IRS). The Plan Sponsor believes that the Plan is currently designed and being operated in compliance with applicable requirements of the IRC and as such is exempt from federal income taxes.

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 Sponsor has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2022 and 2021, 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. The Plan Sponsor believes it is no longer subject to income tax examinations for years prior to 2019.

SUPPLEMENTAL SCHEDULE

FERMI NATIONAL ACCELERATOR LABORATORY
TAX SHELTERED ANNUITY PLAN
SCHEDULE H, LINE 4i – SCHEDULE OF ASSETS (HELD AT END OF YEAR)
December 31, 2022

Name of Plan Sponsor: Fermi Research Alliance, LLC
Employer Identification Number: 57-1239010
Three-Digit Plan Number: 001

(b) Identity of issuer, borrower, lessor, or similar party		(c) Description of investment	(d) Cost **	(e) Current value
Mutual Funds:				
*	Vanguard	Vanguard Inst Trgt Retire 2025	\$	35,238,094
*	Vanguard	Vanguard Inst Trgt Retire 2020		29,295,563
*	Vanguard	Vanguard Institutional Index		29,532,587
*	Vanguard	Vanguard Inst Trgt Retire 2030		26,478,503
*	Vanguard	Vanguard Inst Trgt Retire 2035		15,444,216
*	Vanguard	Vanguard Inst Trgt Retire 2040		12,095,150
*	Vanguard	Vanguard Inst Trgt Retire 2045		9,100,764
*	Vanguard	Vanguard Inst Trgt Retire 2050		6,423,231
*	Vanguard	Vanguard Inst Trgt Retire 2055		3,953,973
*	Vanguard	Vanguard Inst Trgt Retire 2060		1,923,506
*	Vanguard	Vanguard Inst Trgt Retire 2065		206,631
*	Vanguard	Vanguard Inst Trgt Retire 2070		1,619
*	Vanguard	Vanguard Instl Trgt Retire Income		19,083,787
*	Fidelity	Fidelity Extnd Mkt Idx		6,193,090
	DoubleLine	DoubleLine Total Return Bond I		3,485,274
*	Vanguard	Vanguard Total Bond Mrkt Inst		5,088,480
*	Vanguard	Vanguard Total Intl Stock IS		3,462,826
	William Blair	William Blair Small-Mid Cap Gr I		2,653,741
	Goldman Sachs	GQG international OPPS R6		2,502,680
	Cohen & Steers	Cohen & Steers Instl Realty Shares		1,355,153
	T. Rowe Price	T. Rowe Price Large-Cap Growth I		4,586,108
	T. Rowe Price	T. Rowe Price Instl Large Cap Value I		3,081,443
	DFA	DFA US Targeted Value I		2,531,684
	Dodge & Cox	Dodge & Cox Global Stock		1,368,876
	BlackRock	BlackRock Inflation Protected Bond K		1,216,272
*	Vanguard	Vanguard VMMR - Fed MMKT		370,511
*	Vanguard	Vanguard STAR Fund Investor Shares		225,529
*	Vanguard	Vanguard Int'l Growth Fund Admiral Shares		223,008
*	Vanguard	Vanguard High Dividend Yield Index ADM		18,061
*	Vanguard	Vanguard 500 Index Fund Admiral Shares		84,066
*	Vanguard	Vanguard Mid-Cap Index Fund Admiral Shares		151,843
*	Vanguard	Vanguard Health Care Fund Admiral Shares		145,873
*	Vanguard	Vanguard Dividend Growth Fund Investor Shares		170,126
*	Vanguard	Vanguard Capital Opportunity Fund Admiral Shares		90,987
*	Vanguard	Vanguard Energy Fund Admiral Shares		37,452
*	Vanguard	Vanguard Mid-Cap Growth Index Fund		387,541
*	Vanguard	Vanguard Real Estate Index Admiral Shares		47,453
*	Vanguard	Vanguard Small-Cap Growth Index Fund Admiral Shares		189,482
*	Vanguard	Vanguard Long-Term Investment-Grade Fund Admiral Share		22,185
*	Vanguard	Vanguard High-Yield Corporate Fund Admiral Shares		23,741
*	Vanguard	Vanguard Equity Income Fund Admiral Shares		19,251
*	Vanguard	Vanguard European Stock Index Fund Admiral Shares		7,650
*	Vanguard	Vanguard Total Int'l Stock Index Fund Admiral Shares		8,959

(Continued)

FERMI NATIONAL ACCELERATOR LABORATORY
TAX SHELTERED ANNUITY PLAN
SCHEDULE H, LINE 4i – SCHEDULE OF ASSETS (HELD AT END OF YEAR)
December 31, 2022

Name of Plan Sponsor: Fermi Research Alliance, LLC
Employer Identification Number: 57-1239010
Three-Digit Plan Number: 001

(b) Identity of issuer, borrower, lessor, or similar party			(d) Cost **	(e) Current value
(a)	party	(c) Description of investment		
Mutual Funds (Continued)				
*	BNY Mellon	BNY Mellon Equity Income Fund-Class A	\$	448,711
*	BNY Mellon	BNY Mellon Sustainable U.S. Equity Fund - Class Z		436,802
*	BNY Mellon	Dreyfus Government Cash management - Wealth Shares		130,386
*	BNY Mellon	BNY Mellon S&P 500 Index Fund		120,665
*	BNY Mellon	Dreyfus Money Market Fund, Wealth Shares		25,530
*	BNY Mellon	BNY Mellon Smallcap Stock Index Fund		107,228
*	BNY Mellon	BNY Mellon Bond Market Index Fund-Investor Shares		23,500
*	BNY Mellon	BNY Mellon International Stock Index Fund		16,840
*	BNY Mellon	BNY Mellon Balanced Opportunity Fund - Class I		14,930
*	BNY Mellon	BNY Mellon Midcap Index Fund Investor Shares		14,390
*	BNY Mellon	BNY Mellon Core Plus Fund - Class I		4,392
*	BNY Mellon	BNY Mellon Active Mid Cap Fund - Class A		5,406
Total Mutual Funds				<u>229,875,749</u>
*	Fidelity	Self-Directed Brokerage Accounts		34,599,503
CREF Variable Annuities				
*	CREF	College Retirement Equities Fund - Stock		108,622,651
*	CREF	College Retirement Equities Fund - Global Equities		18,240,920
*	CREF	College Retirement Equities Fund - Growth		15,583,189
*	CREF	College Retirement Equities Fund - Equity Index		15,342,505
*	CREF	College Retirement Equities Fund - Bond Market		9,730,858
*	CREF	College Retirement Equities Fund - Money Market		8,841,418
*	CREF	College Retirement Equities Fund - Inflation Linked Bond		7,170,991
*	CREF	College Retirement Equities Fund - Social Choice		5,662,556
Total CREF Variable Annuities				<u>189,195,088</u>
Pooled Separate Accounts				
*	TIAA	TIAA Real Estate Fund		20,935,203
Funds held in insurance company general account				
*	TIAA	TIAA Traditional Annuity		173,654,982
	New York Life	New York Life Guaranteed Interest Account		10,598,341
Participants Loans				
*	Participants Loans	Interest rates ranging from 4.25% - 7.25%; maturing through April, 2037		865,815
				<u>\$ 659,724,681</u>

* These investments are considered party-in-interest as defined by ERISA Section 3(14).

** Cost information is not required as the investments are participant directed.

See accompanying independent auditor's report.