

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>UMGC VENTURES, INC. 401(K) 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>UMGC VENTURES, INC.</u> <u>7315 WISCONSIN AVENUE, SUITE 400</u> <u>BETHESDA, MD 20814</u>	1c	Effective date of plan <u>09/01/2017</u>
	2b	Employer Identification Number (EIN) <u>81-2898004</u>
	2c	Plan Sponsor's telephone number <u>301-990-7898</u>
	2d	Business code (see instructions) <u>813000</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.	07/31/2023	NICHOLE MCDONALD
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

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

Form 5500 (2022)
v. 220413

3a Plan administrator's name and address ☒ Same as Plan Sponsor		3b Administrator's EIN 3c Administrator's telephone number 																												
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name UMUC VENTURES, INC. c Plan Name UMUC VENTURES, INC. 401(K) PLAN		4b EIN 81-2898004 4d PN 001																												
5 Total number of participants at the beginning of the plan year		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; border: 1px solid black; text-align: center;">5</td> <td style="border: 1px solid black; text-align: right;">221</td> </tr> </table>	5	221																										
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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).		<table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="background-color: #cccccc; height: 20px;"></td> </tr> <tr> <td style="width: 10%; border: 1px solid black; text-align: center;">6a(1)</td> <td style="border: 1px solid black; text-align: right;">159</td> </tr> <tr> <td style="border: 1px solid black; text-align: center;">6a(2)</td> <td style="border: 1px solid black; text-align: right;">152</td> </tr> <tr> <td style="border: 1px solid black; text-align: center;">6b</td> <td style="border: 1px solid black; text-align: right;">0</td> </tr> <tr> <td style="border: 1px solid black; text-align: center;">6c</td> <td style="border: 1px solid black; text-align: right;">68</td> </tr> <tr> <td style="border: 1px solid black; text-align: center;">6d</td> <td style="border: 1px solid black; text-align: right;">220</td> </tr> <tr> <td style="border: 1px solid black; text-align: center;">6e</td> <td style="border: 1px solid black; text-align: right;">0</td> </tr> <tr> <td style="border: 1px solid black; text-align: center;">6f</td> <td style="border: 1px solid black; text-align: right;">220</td> </tr> <tr> <td style="border: 1px solid black; text-align: center;">6g</td> <td style="border: 1px solid black; text-align: right;">220</td> </tr> <tr> <td style="border: 1px solid black; text-align: center;">6h</td> <td style="border: 1px solid black; text-align: right;">0</td> </tr> </table>			6a(1)	159	6a(2)	152	6b	0	6c	68	6d	220	6e	0	6f	220	6g	220	6h	0								
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a(1) Total number of active participants at the beginning of the plan year																														
a(2) Total number of active participants at the end of the plan year																														
b Retired or separated participants receiving benefits																														
c Other retired or separated participants entitled to future benefits.....																														
d Subtotal. Add lines 6a(2) , 6b , and 6c																														
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.																														
f Total. Add lines 6d and 6e																														
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....																														
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....																														
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; border: 1px solid black; text-align: center;">7</td> <td style="border: 1px solid black;"></td> </tr> </table>	7																											
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8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2A 2E 2J 2K 2F 2G 3D 3H																														
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) <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%; text-align: center;">(1)</td> <td style="width: 5%; text-align: center;">☒</td> <td>Insurance</td> </tr> <tr> <td style="text-align: center;">(2)</td> <td style="text-align: center;">☐</td> <td>Code section 412(e)(3) insurance contracts</td> </tr> <tr> <td style="text-align: center;">(3)</td> <td style="text-align: center;">☒</td> <td>Trust</td> </tr> <tr> <td style="text-align: center;">(4)</td> <td style="text-align: center;">☐</td> <td>General assets of the sponsor</td> </tr> </table>	(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) <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%; text-align: center;">(1)</td> <td style="width: 5%; text-align: center;">☒</td> <td>Insurance</td> </tr> <tr> <td style="text-align: center;">(2)</td> <td style="text-align: center;">☐</td> <td>Code section 412(e)(3) insurance contracts</td> </tr> <tr> <td style="text-align: center;">(3)</td> <td style="text-align: center;">☒</td> <td>Trust</td> </tr> <tr> <td style="text-align: center;">(4)</td> <td style="text-align: center;">☐</td> <td>General assets of the sponsor</td> </tr> </table>		(1)	☒	Insurance	(2)	☐	Code section 412(e)(3) insurance contracts	(3)	☒	Trust	(4)	☐	General assets of the sponsor				
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10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)																														
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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 UMGC VENTURES, INC. 401(K) PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 UMGC VENTURES, INC.	D Employer Identification Number (EIN) 81-2898004

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 PRINCIPAL LIFE INSURANCE COMPANY

(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
42-0127290	61271	613953	222	01/01/2022	12/31/2022

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

(a) Total amount of commissions paid	(b) Total amount of fees paid
0	87

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 RETIREMENT BENEFIT SOLUTIONS, LLC 205 VAN BUREN STREET SUITE 120 HERNDON, VA 20170
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(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
	87	REFERRAL/SERVICE FEE	3

(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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	(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	0
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 ▶ CUSTODIAL GUARANTEED INTEREST CONTRACT

b	Balance at the end of the previous year	7b	37139
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c	Additions: (1) Contributions deposited during the year	7c(1)	18792	
	(2) Dividends and credits	7c(2)	0	
	(3) Interest credited during the year	7c(3)	3902	
	(4) Transferred from separate account	7c(4)	0	
	(5) Other (specify below)	7c(5)	356398	

▶ LOAN PAYMENT, OUTSIDE INVESTMENT TRANSFER

(6) Total additions	7c(6)	379092
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d	Total of balance and additions (add lines 7b and 7c(6))	7d	416231
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e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	9512	
(2) Administration charge made by carrier	7e(2)	400	
(3) Transferred to separate account	7e(3)	0	
(4) Other (specify below)	7e(4)	6368	

▶ LOAN WITHDRAWAL, OUTSIDE INVESTMENT TRANSFER

(5) Total deductions	7e(5)	16280
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f	Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	399951
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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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1 Coverage Information:

(a) Name of insurance carrier PRINCIPAL LIFE INSURANCE COMPANY

(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
42-0127290	61271	465246	222	01/01/2022	12/31/2022

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

(a) Total amount of commissions paid	(b) Total amount of fees paid
0	538

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 RETIREMENT BENEFIT SOLUTIONS, LLC 205 VA HERN, VA 20170

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
	538	REFERRAL/SERVICE FEE	3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid
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(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
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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	0
5	Current value of plan's interest under this contract in separate accounts at year end.....	5	1113442

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	0
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c	Additions: (1) Contributions deposited during the year	7c(1)		
	(2) Dividends and credits.....	7c(2)		
	(3) Interest credited during the year.....	7c(3)		
	(4) Transferred from separate account.....	7c(4)		
	(5) Other (specify below)	7c(5)		

(6) Total additions.....	7c(6)	0
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d	Total of balance and additions (add lines 7b and 7c(6))	7d	0
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e Deductions:

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

(5) Total deductions.....	7e(5)	0
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f	Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	0
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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.	10b	

Specify nature of costs.

Part IV Provision of Information

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

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

SCHEDULE C (Form 5500) 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 UMGC VENTURES, INC. 401(K) PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 UMGC VENTURES, INC.	D Employer Identification Number (EIN) 81-2898004	

Part I	Service Provider Information (see instructions)
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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
(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

(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)

MML INVESTORS SERVICES, LLC

04-1590850

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27 99	INVESTMENT ADVISORY	0	Yes ☒ No ☐	Yes ☐ No ☒	36271	Yes ☐ No ☒

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

PRINCIPAL LIFE INSURANCE COMPANY

42-0127290

(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 37 50 64	CONTRACT ADMINISTRATOR	16487	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

RETIREMENT BENEFIT SOLUTIONS

54-1953648

(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 50 49 99	CONTRACT ADMINISTRATOR	675	Yes ☒ No ☐	Yes ☐ No ☒	6177	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
MML INVESTORS SERVICES, LLC	27 99	36271

(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.
PRINCIPAL LIFE INSURANCE COMPANY 42-0127290	INVESTMENT ADVISORY (PLAN)

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
RETIREMENT BENEFIT SOLUTIONS	13 50 49 99	6177

(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.
PRINCIPAL LIFE INSURANCE COMPANY 42-0127290	REFERRAL/SERVICE FEE

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

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan UMGC VENTURES, INC. 401(K) PLAN	B Three-digit plan number (PN) ►	001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 UMGC VENTURES, INC.		
D Employer Identification Number (EIN) 81-2898004		
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)		
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYBR INC CIT Z		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 26-6447574-011	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 443
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LGCP S&P 500 INDEX SA-Z		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-016	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 677225
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN SMCAP S&P 600 INDEX SA-Z		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-028	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 258101
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN MIDCAP S&P 400 IDX SA-Z		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-023	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 178116
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYBR 2015 CIT Z		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-002	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 27228
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYBR 2020 CIT Z		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-003	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 452801
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYBR 2025 CIT Z		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-004	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 465137

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYBR 2030 CIT Z		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-005	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 993617
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYBR 2035 CIT Z		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6557574-006	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1759090
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYBR 2040 CIT Z		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-007	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2373541
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYBR 2045 CIT Z		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-008	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2070942
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYBR 2050 CIT Z		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-009	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1122166
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYBR 2055 CIT Z		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-010	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 711897
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYBR 2060 CIT Z		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-012	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 124241
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYBR 2065 CIT Z		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-013	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 76542
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYBR 2010 CIT Z		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 7013
a Name of MTIA, CCT, PSA, or 103-12 IE: MID CAP GROWTH R1 FUND		
b Name of sponsor of entity listed in (a): WILMINGTON TRUST, NA		
c EIN-PN 38-4126247-549	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 239825

a Name of MTIA, CCT, PSA, or 103-12 IE: LARGE CAP GROWTH FUND II R1 FD

b Name of sponsor of entity listed in (a): WILMINGTON TRUST, NA

c EIN-PN 38-4139844-626	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0
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a Name of MTIA, CCT, PSA, or 103-12 IE: SMALL CAP VALUE II R1 FUND

b Name of sponsor of entity listed in (a): WILMINGTON TRUST, NA

c EIN-PN 38-4126250-554	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 79401
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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)
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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)
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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)
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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)
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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)
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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)
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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)
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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)
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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
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plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>UMGC VENTURES, INC. 401(K) 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>UMGC VENTURES, INC.</u>		D Employer Identification Number (EIN) <u>81-2898004</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)	3994	393
(2) Participant contributions.....	1b(2)	400	0
(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)	124791	228319
(9) Value of interest in common/collective trusts.....	1c(9)	12246315	10503884
(10) Value of interest in pooled separate accounts	1c(10)	1235540	1113442
(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)	1422609	1905520
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	37139	399951
(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	15070788	14151509

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j	0	0
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	15070788	14151509
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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)	1382973	
(B) Participants	2a(1)(B)	1293559	
(C) Others (including rollovers)	2a(1)(C)	316681	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		2993213
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)	7088	
(F) Other	2b(1)(F)	3901	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		10989
(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)	33465	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		33465
(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)		-2366973
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		-204620
(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)		-290981
c Other income	2c		
d Total income. Add all income amounts in column (b) and enter total	2d		175093
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	1077198	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)	11	
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		1077209
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)	17163	
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		17163
j Total expenses. Add all expense amounts in column (b) and enter total	2j		1094372
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-919279
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: GELMAN, ROSENBERG & FREEDMAN, PC

(2) EIN: 52-1392008

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

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

Part IV Compliance Questions

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

During the plan year:

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

	Yes	No	Amount
4a		X	

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

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

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

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

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined

If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan UMGC VENTURES, INC. 401(K) PLAN		B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 UMGC VENTURES, INC.		D Employer Identification Number (EIN) 81-2898004
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): 42-0127290		
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:	14a		
a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment).....		14b	
b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)			14c
c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)			
15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:	15a		
a The corresponding number for the plan year immediately preceding the current plan year.....		15b	
b The corresponding number for the second preceding plan year.....			
16 Information with respect to any employers who withdrew from the plan during the preceding plan year:	16a		
a Enter the number of employers who withdrew during the preceding plan year		16b	
b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....			
17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐			

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

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

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

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

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

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

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

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

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

☐ Yes.

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

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

☐ No. Other. Provide explanation _____

FINANCIAL STATEMENTS

UMGC VENTURES, INC. 401(K) PLAN

**FOR THE YEARS ENDED
DECEMBER 31, 2022 AND 2021**

UMGC VENTURES, INC. 401(K) PLAN

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INDEPENDENT AUDITOR'S REPORT

To the Plan Administrator
UMGC Ventures, Inc. 401(k) Plan
Bethesda, Maryland

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

We have performed audits of the financial statements of UMG Ventures, Inc. 401(k) Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

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

Management has obtained certifications from the qualified institutions as of December 31, 2022 and 2021, and for the years then ended, stating that the certified investment information, as described in Note 4 to the financial statements, is complete and accurate.

Opinion

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

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

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

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

Basis for Opinion

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

Responsibilities of Management for the Financial Statements

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

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

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

Auditor's Responsibilities for the Audit of the Financial Statements

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

In performing an audit in accordance with GAAS, we:

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

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

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

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

Supplemental Schedule Required by ERISA

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

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

In our opinion —

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



July 26, 2023

UMGC VENTURES, INC. 401(K) PLAN

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
AS OF DECEMBER 31, 2022 AND 2021

ASSETS			
		<u>2022</u>	<u>2021</u>
INVESTMENTS			
Registered investment companies, at fair value	\$	1,905,520	\$ 1,422,609
Pooled separate accounts, at net asset value		1,113,442	1,235,540
Common collective trusts, at net asset value		10,503,884	12,246,315
Fully benefit-responsive investment contract, at contract value		<u>399,951</u>	<u>37,139</u>
Total investments		<u>13,922,797</u>	<u>14,941,603</u>
RECEIVABLES			
Employer contributions receivable		393	3,994
Employee contributions receivable		-	400
Notes receivable from participants		<u>228,319</u>	<u>124,791</u>
Total receivables		<u>228,712</u>	<u>129,185</u>
NET ASSETS AVAILABLE FOR BENEFITS	\$	<u>14,151,509</u>	<u>15,070,788</u>

UMGC VENTURES, INC. 401(K) PLAN

STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
FOR THE YEARS ENDED DECEMBER 31, 2022 AND 2021

	<u>2022</u>	<u>2021</u>
ADDITIONS		
Investment (loss) income:		
Net (depreciation) appreciation in fair value of investments	\$ (2,862,574)	\$ 1,869,767
Interest and dividends	<u>33,465</u>	<u>23,416</u>
Total investment (loss) income	<u>(2,829,109)</u>	<u>1,893,183</u>
Contributions:		
Employee contributions	1,293,559	1,303,171
Employer contributions	1,382,973	1,446,286
Rollover contributions	<u>316,681</u>	<u>782,563</u>
Total contributions	<u>2,993,213</u>	<u>3,532,020</u>
Plan servicing credits	3,901	868
Participant loan interest	<u>7,088</u>	<u>4,198</u>
Total additions	<u>175,093</u>	<u>5,430,269</u>
DEDUCTIONS		
Benefits paid to participants or their beneficiaries	1,077,209	908,363
Administrative fees	<u>17,163</u>	<u>17,665</u>
Total deductions	<u>1,094,372</u>	<u>926,028</u>
(Decrease) increase in net assets available for benefits	(919,279)	4,504,241
Net assets available for benefits, beginning of year	<u>15,070,788</u>	<u>10,566,547</u>
NET ASSETS AVAILABLE FOR BENEFITS, END OF YEAR	<u>\$ 14,151,509</u>	<u>\$ 15,070,788</u>

UMGC VENTURES, INC. 401(K) PLAN

NOTES TO FINANCIAL STATEMENTS DECEMBER 31, 2022 AND 2021

1. DESCRIPTION OF THE PLAN

The following description of UMGC Ventures, Inc. 401(k) Plan (the Plan) is provided for general information purposes only. Participants should refer to the Plan agreement for more complete information.

General -

The Plan is a defined contribution plan established on September 1, 2017 by UMUC Ventures, Inc. (the Company) that covers all eligible employees of the Company. The Plan provides for employee contributions, employer matching and other qualified contributions and participant-directed investments. The Plan qualifies under Section 401(a) of the Internal Revenue Code and is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA").

Eligibility -

An employee is considered eligible unless they are an independent contractor who is later determined by the Internal Revenue Service (IRS) to be an employee. Also, an acquired employee may be excluded by the Plan for a period of time, as determined by the Plan Sponsor and in accordance with the requirements of the Internal Revenue Code (IRC). An employee is eligible to participate in the employer contributions of the Plan after attaining age 21 and completing 30 days of service.

Contributions -

Each year, participants may contribute up to 100 percent of eligible salary on a pretax basis, subject to annual IRS limitations. However, participants who have attained age 50 before the end of the Plan year are eligible to make catch-up contributions. Participants may designate all or a portion of their 401(k) elective deferral contributions as Roth elective deferral contributions instead of pre-tax elective deferral contributions. Such designation must be made before the deferral is made and cannot be changed except for future contributions. Participants may also contribute amounts representing distributions from other qualified defined benefit or contribution plans.

The Company makes a safe harbor nonelective contribution equal to 3% of participant's eligible earnings, each payroll period, for the portion of the Plan year that they were an active participant. The Company makes an additional employer non-elective contribution each payroll period that equals 4.25% of eligible earnings for that period. If the Plan is determined to be a "top-heavy Plan" as defined in the Internal Revenue Code, employer contributions are required under a formula based upon the compensation of the Plan participants.

Vesting -

Participants are immediately vested in their contributions plus employer matching and discretionary contributions as well as employee rollover contributions.

Participant accounts -

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

UMGC VENTURES, INC. 401(K) PLAN

NOTES TO FINANCIAL STATEMENTS DECEMBER 31, 2022 AND 2021

1. DESCRIPTION OF THE PLAN (Continued)

Investments elections -

Contributions to the Plan are invested with Principal Trust Company, the trustee, according to participant instructions. The Plan Administrator has selected a list of investment options and has provide participants with information describing these investment options.

Payment of benefits -

Participants are entitled to receive a distribution of their vested account in the Plan upon termination of their employment; retirement; death or disability and termination of the Plan without the establishment of a successor plan. A participant may elect to receive a lump sum amount equal to the value of his or her account.

Notes receivable from participants -

Participants may borrow from their accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their vested account balance. Principal and interest is paid ratably through payroll deductions. Note terms are up to five years, except for notes to fund the purchase of a principal residence, for which the note may be repaid over a reasonable period that may exceed five years. All notes receivable from participants are secured by the balance in the participant's account. Interest rates on loans to participants range from 3.25% to 8.25%.

Plan termination -

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

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of accounting -

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

Use of estimates -

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

Fair value measurement -

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

UMGC VENTURES, INC. 401(K) PLAN

NOTES TO FINANCIAL STATEMENTS DECEMBER 31, 2022 AND 2021

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Valuation of investments -

Investments are stated at their fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. See Note 8 for discussion on fair value measurement.

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

Certain Plan assets are invested in pooled accounts and common collective trusts (CCTs). Under the pooled investment concept and CCTs, the investment advisors account for the Plan's share of the total portfolio on a unit basis and are the custodians of the investments (net asset value).

Contract value is the relevant measurement attributable to the fully benefit-responsive investment contract because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan. The Statements of Net Assets Available for Benefits present, for the fully-benefit responsive contracts held by the Plan, the investments at contract value.

Notes receivable from participants -

Notes receivable from participants are measured at their unpaid principal balance, plus accrued interest. Delinquent loans are treated as distributions based upon the terms of the Plan document. Delinquent loans are loans for which any scheduled repayment remains unpaid at the end of the period specified in the loan documents and any loans for which there is an outstanding principal balance existing after the last scheduled repayment date. No allowance for credit losses has been recorded as of December 31, 2022 and 2021.

Benefit payments -

Benefits are recorded when paid.

Administrative expenses -

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

3. INCOME TAX STATUS

The Plan was established as a qualified plan under Section 401(k) of the Internal Revenue Code (IRC). The Plan Administrator believes that the Plan is currently designed and operated in compliance with the applicable requirements of the IRC. Therefore, the Plan Administrator believes that the Plan was qualified and tax-exempt as of the financial statement date.

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

UMGC VENTURES, INC. 401(K) PLAN

NOTES TO FINANCIAL STATEMENTS DECEMBER 31, 2022 AND 2021

3. INCOME TAX STATUS (Continued)

The Plan Administrator 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.

4. INFORMATION CERTIFIED BY TRUSTEE

The Plan Administrator has elected the method of annual reporting compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, as permitted under such election, the Plan's Administrator instructed the Plan's independent auditors not to perform, and they did not perform, such auditing procedures with respect to the information certified by Principal Trust Company and Principal Life Insurance Company (collectively, Principal). Principal issued Certification Statements, certifying the information presented in the Schedule of Assets (Held at End of Year) and the Statements of Changes in Net Assets Available for Benefits for the years ended December 31, 2022 and 2021.

5. PARTY-IN-INTEREST TRANSACTIONS

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

6. RISKS AND UNCERTAINTIES

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

Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the Statements of Net Assets Available for Benefits.

7. FULLY BENEFIT-RESPONSIVE INVESTMENT CONTRACT

The Plan maintains an investment in a benefit-responsive guaranteed investment contract with Principal Life Insurance Company (Principal). Principal maintains the contributions in a general account. The account is credited with earnings on the underlying investments and charged for participant withdrawals and administrative expenses. The guaranteed investment contract issuer is contractually obligated to repay the principal and a specified interest rate that is guaranteed to the Plan. Because the guaranteed investment contract is fully benefit-responsive, contract value is the relevant measurement attribute for that portion of the net assets available for benefits attributable to the guaranteed investment contract. The guaranteed investment contract is presented on the face of the Statements of Net Assets Available for Benefits at contract value.

Contract value, as reported to the Plan by Principal, represents contributions made under the contract, plus earnings, less participant withdrawals and administrative expenses. Participants may ordinarily direct the withdrawals or transfer of all or a portion of their investment at contract value.

UMGC VENTURES, INC. 401(K) PLAN

NOTES TO FINANCIAL STATEMENTS DECEMBER 31, 2022 AND 2021

7. FULLY BENEFIT-RESPONSIVE INVESTMENT CONTRACT (Continued)

There are no reserves against contract value for credit risk of the contract issuer or otherwise. The crediting interest rate is based on a formula agreed upon with the issuer, but it may not be less than 1%. Such interest rates are reviewed on an annual basis for resetting.

Certain events limit the ability of the Plan to transact with the issuer. Such events include termination of the Plan, the failure of the trust to qualify for exemption from Federal income taxes under ERISA, or any prohibited transactions. The Plan Administrator does not believe that the occurrence of any such event, which would limit the Plan's ability to transact at contract value with participants, is probable.

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

8. FAIR VALUE MEASUREMENT

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

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

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

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

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

Following is a description of the valuation methodology used for investments measured at fair value.

- *Mutual Funds (Registered Investment Companies)* - Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the SEC. These funds are required to publish their daily value and to transact at that price. Mutual funds held by the Plan are deemed to be actively traded.
- *Pooled Separate Accounts* - Valued at the number of participation units held at year-end multiplied by the current participation-unit value. Investments in pooled separate accounts represent ownership of units of participation in various funds, and not ownership of specific assets. The value of a unit of participation is the total value of each fund within the separate accounts divided by the number of units outstanding.

UMGC VENTURES, INC. 401(K) PLAN

NOTES TO FINANCIAL STATEMENTS DECEMBER 31, 2022 AND 2021

8. FAIR VALUE MEASUREMENT (Continued)

- *Common/Collective Trusts* - These funds invest in benefit-responsive investment contracts issued by insurance companies and other financial institutions ("Contracts"), fixed income securities, and money market funds. Under the terms of the Contracts, the assets of the fund are invested in fixed income securities and shares of money market funds. The fund may also invest in futures contracts, option contracts, and swap agreements. The fund seeks to preserve the participant's principal investment while earning a level of interest income that is consistent with principal preservation. The fund seeks to maintain a stable NAV of \$1 per share, but it cannot guarantee that it will be able to do so.
- *Fully Benefit-Responsive Investment Contract* - The fully benefit-responsive investment contract is reported at contract value. Contract value is the relevant measurement attribute for fully benefit-responsive investment contracts because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan. The contract value of the fully benefit-responsive investment contract represents contributions plus earnings, less participant withdrawals and administrative expenses. In determining the reasonableness of the methodology, a number of factors are considered, such as economic conditions, industry and market developments and overall credit ratings. Certain unobservable inputs are assessed through review of contract terms, while others are substantiated utilizing available market data.

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

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

The table below summarizes, by level within the fair value hierarchy, the Plan's investments as of December 31, 2022:

	Level 1	Level 2	Level 3	Investments Measured at NAV	Investments Measured at Contract Value	Total December 31, 2022
Asset Class:						
Registered investment companies, at fair value	\$ 1,905,520	\$ -	\$ -	\$ -	\$ -	\$ 1,905,520
Pooled separate accounts, at net asset value	-	-	-	1,113,442	-	1,113,442
Common collective trusts, at net asset value	-	-	-	10,503,884	-	10,503,884
Fully benefit-responsive investment contract, at contract value	-	-	-	-	399,951	399,951
TOTAL INVESTMENTS	\$ 1,905,520	\$ -	\$ -	\$11,617,326	\$ 399,951	\$ 13,922,797

UMGC VENTURES, INC. 401(K) PLAN

**NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021**

8. FAIR VALUE MEASUREMENT (Continued)

The table below summarizes, by level within the fair value hierarchy, the Plan's investments as of December 31, 2021:

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Investments Measured at NAV</u>	<u>Investments Measured at Contract Value</u>	<u>Total December 31, 2021</u>
Asset Class:						
Registered investment companies, at fair value	\$ 1,422,609	\$ -	\$ -	\$ -	\$ -	\$ 1,422,609
Pooled separate accounts, at net asset value	-	-	-	1,235,540	-	1,235,540
Common collective trusts, at net asset value	-	-	-	12,246,315	-	12,246,315
Fully benefit-responsive investment contract, at contract value	-	-	-	-	37,139	37,139
TOTAL INVESTMENTS	<u>\$ 1,422,609</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$13,481,855</u>	<u>\$ 37,139</u>	<u>\$ 14,941,603</u>

The following is a summary of the investments valued using NAV as a practical expedient and the related unfunded commitments and redemption restrictions associated with each major category at December 31, 2022 and 2021:

	<u>2022 Net Asset Value</u>	<u>2021 Net Asset Value</u>	<u>Redemption Frequency</u>	<u>Full Redemption Notice Period</u>
Pooled Separate Accounts	<u>\$ 1,113,442</u>	<u>\$ 1,235,540</u>	Daily	30 Days
Common Collective Trusts	<u>\$10,503,884</u>	<u>\$12,246,315</u>	Daily	30 Days

There were no unfunded commitments as of December 31, 2022 and 2021.

9. SUBSEQUENT EVENTS

In preparing these financial statements, the Plan has evaluated events and transactions for potential recognition or disclosure through July 26, 2023, the date the financial statements were issued.

UMGC VENTURES, INC. 401(K) PLAN

SCHEDULE H, LINE 4I, SCHEDULE OF ASSETS (HELD AT END OF YEAR)
FOR THE YEAR ENDED DECEMBER 31, 2022

EIN: 81-2898004

Plan Number: 001

(a) Party-in-Interest	(b) Identity of Issue, Borrower, Lessor or Similar Party	(c) Description of Investment	(d) Cost	(e) Current Value
<u>Fully Benefit-Responsive Investment</u>				
<u>Contract:</u>				
*	Principal Life Insurance Company	Prin Fixed Inc Guar Option	N/A	\$ 399,951
<u>Pooled Separate Accounts:</u>				
*	Principal Life Insurance Company	Prin LgCp S&P 500 Index SA-Z	N/A	677,225
*	Principal Life Insurance Company	Prin MidCap S&P 400 Index SA-Z	N/A	178,116
*	Principal Life Insurance Company	Prin SmCap S&P 600 Index SA-Z	N/A	258,101
<u>Registered Investment Companies:</u>				
	BlackRock	BlackRock High Yield Bond K Fund	N/A	173,995
	Dimensional Fund Advisors	DFA Infl Protected Sec I Fund	N/A	76,355
	JP Morgan Funds	JP Morgan Emerging Markets	N/A	94,098
	Parnassus	Parnassus Core Equity I Fund	N/A	155,330
	The American Funds	Am Fds Euro Pacific Grth R6 Fd	N/A	70,625
	The American Funds	American Century Ultra R6 Fd	N/A	536,280
	Vanguard Group	Vanguard Equity-Inc Adm Fund	N/A	440,990
	Vanguard Group	Vanguard Dev Mkts Index Adm Fd	N/A	123,305
	Vanguard Group	Vanguard Explorer Admiral Fund	N/A	132,009
	Allspring	Allspring Sp Md Cp Val R6 Fd	N/A	71,618
	Western Asset Management Co.	Western Asset Cr Pls Bd IS Fd	N/A	30,915
<u>Common Collective Trusts:</u>				
*	Principal Global Investors Trust Co	Prin LifeTime Hybr 2015 CIT Z	N/A	27,228
*	Principal Global Investors Trust Co	Prin LifeTime Hybr 2050 CIT Z	N/A	1,122,166
*	Principal Global Investors Trust Co	Prin LifeTime Hybr 2060 CIT Z	N/A	124,241
*	Principal Global Investors Trust Co	Prin LifeTime Hybr 2025 CIT Z	N/A	465,137
*	Principal Global Investors Trust Co	Prin LifeTime Hybr 2020 CIT Z	N/A	452,801
*	Principal Global Investors Trust Co	Prin LifeTime Hybr 2030 CIT Z	N/A	993,617
*	Principal Global Investors Trust Co	Prin LifeTime Hybr 2035 CIT Z	N/A	1,759,090
*	Principal Global Investors Trust Co	Prin LifeTime Hybr 2040 CIT Z	N/A	2,373,541
*	Principal Global Investors Trust Co	Prin LifeTime Hybr 2045 CIT Z	N/A	2,070,942
*	Principal Global Investors Trust Co	Prin LifeTime Hybr 2055 CIT Z	N/A	711,897
*	Principal Global Investors Trust Co	Prin LifeTime Hybr 2065 CIT Z	N/A	76,542
*	Principal Global Investors Trust Co	PRIN LIFETIME HYBR 2010 CIT Z	N/A	7,013
*	Principal Global Investors Trust Co	Mid Cap Growth R1 Fund	N/A	239,825
*	Principal Global Investors Trust Co	Principal LifeTime Hybrid Income CIT Z	N/A	443
*	Principal Global Investors Trust Co	Small Cap Value II R1 Fund	N/A	79,401
<u>Notes Receivable from Participants:</u>				
*	Principal Global Investors Trust Co	Participant loans with interest rate ranging 3.25% - 8.25%	-0-	228,319
			<u>\$ 14,151,116</u>	

* Denotes party-in-interest

N/A - Cost information not required for participant directed investments