

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 2018 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2018 or fiscal plan year beginning <u>01/01/2018</u> and ending <u>12/31/2018</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)

Part II	Basic Plan Information—enter all requested information				
1a Name of plan <u>MUSKINGUM UNIVERSITY DEFINED CONTRIBUTION AND TAX DEFERRED ANNUITY PLAN</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1b Three-digit plan number (PN) ▶</td> <td style="width: 20%; text-align: center;"><u>001</u></td> </tr> <tr> <td colspan="2">1c Effective date of plan <u>04/01/1948</u></td> </tr> </table>	1b Three-digit plan number (PN) ▶	<u>001</u>	1c Effective date of plan <u>04/01/1948</u>	
1b Three-digit plan number (PN) ▶	<u>001</u>				
1c Effective date of plan <u>04/01/1948</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>MUSKINGUM UNIVERSITY</u> <u>163 STORMONT ST</u> <u>NEW CONCORD, OH 43762-1118</u> <u>163 STORMONT ST</u> <u>NEW CONCORD, OH 43762-1118</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>2b Employer Identification Number (EIN) <u>31-4379515</u></td> </tr> <tr> <td>2c Plan Sponsor's telephone number <u>740-826-8101</u></td> </tr> <tr> <td>2d Business code (see instructions) <u>611000</u></td> </tr> </table>	2b Employer Identification Number (EIN) <u>31-4379515</u>	2c Plan Sponsor's telephone number <u>740-826-8101</u>	2d Business code (see instructions) <u>611000</u>	
2b Employer Identification Number (EIN) <u>31-4379515</u>					
2c Plan Sponsor's telephone number <u>740-826-8101</u>					
2d Business code (see instructions) <u>611000</u>					

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

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

SIGN HERE	Filed with authorized/valid electronic signature.	10/11/2019	KATHY MOORE
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/11/2019	PHILIP LAUBE
	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 (2018)
v. 171027

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 744
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits..... c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	6a(1) 333 6a(2) 323 6b 0 6c 419 6d 742 6e 2 6f 744 6g 741 6h 0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:

2L 2M 2G

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

9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
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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)

a Pension Schedules

- (1)** ☒ **R** (Retirement Plan Information)
- (2)** ☐ **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3)** ☐ **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

- (1)** ☒ **H** (Financial Information)
- (2)** ☐ **I** (Financial Information – Small Plan)
- (3)** ☒ 1 **A** (Insurance Information)
- (4)** ☒ **C** (Service Provider Information)
- (5)** ☒ **D** (DFE/Participating Plan Information)
- (6)** ☐ **G** (Financial Transaction Schedules)

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

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

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

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

11c Enter the Receipt Confirmation Code for the 2018 Form M-1 annual report. If the plan was not required to file the 2018 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 2018 This Form is Open to Public Inspection
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For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018	
A Name of plan MUSKINGUM UNIVERSITY DEFINED CONTRIBUTION AND TAX DEFERRED ANNUITY PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 MUSKINGUM UNIVERSITY	D Employer Identification Number (EIN) 31-4379515

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

(a) Name of insurance carrier TIAA-CREF

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
13-1624203	69345	151155	493	01/01/2018	12/31/2018

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

(a) Total amount of commissions paid 0	(b) Total amount of fees paid 0
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3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).
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(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

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

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

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

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

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

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

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

Part II Investment and Annuity Contract Information

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

4 Current value of plan's interest under this contract in the general account at year end	4	29628873
5 Current value of plan's interest under this contract in separate accounts at year end	5	35862423

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	28784560
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c Additions: (1) Contributions deposited during the year	7c(1)	333578	
	7c(2)	0	
	7c(3)	1184816	
	7c(4)	1810817	
	7c(5)	36191	

(6) Total additions.....	7c(6)	3365402
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d Total of balance and additions (add lines 7b and 7c(6))	7d	32149962
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e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	1284805	
(2) Administration charge made by carrier	7e(2)		
(3) Transferred to separate account.....	7e(3)	1218620	
(4) Other (specify below)	7e(4)	17664	

(5) Total deductions.....	7e(5)	2521089
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f Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	29628873
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Part III Welfare Benefit Contract Information

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

8 Benefit and contract type (check all applicable boxes)

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

9 Experience-rated contracts:

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

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount	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
		2018
		This Form is Open to Public Inspection.

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018		
A Name of plan MUSKINGUM UNIVERSITY DEFINED CONTRIBUTION AND TAX DEFERRED ANNUITY PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 MUSKINGUM UNIVERSITY	D Employer Identification Number (EIN) 31-4379515	

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
TIAA
13-1624203
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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

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

PLAN PILOT LLC

223 W JACKSON BLVD STE 800
CHICAGO, IL 60606-6913

45-4168388

(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?
17	NONE	6500	Yes ☐ No ☒	Yes ☐ No ☒		Yes ☐ No ☒

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

MCLAIN, HILL, RUGG & ASSOC INC

P.O. BOX 69
601 UNDERWOOD STREET
ZANESVILLE, OH 43702

31-1038077

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10	NONE	11160	Yes ☐ No ☒	Yes ☐ No ☒		Yes ☐ No ☒

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

TIAA

730 THIRD AVE
NEW YORK, NY 10017-3206

13-1624203

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
21	NONE	660	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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)

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

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

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

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

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

Part I Service Provider Information (continued)

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

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

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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

a Name:	MCCLAIN, HILL, RUGG & ASSOC INC	b EIN:	31-1038077
c Position:	AUDITOR		
d Address:	PO BOX 69 601 UNDERWOOD STREET ZANESVILLE, OH 43702	e Telephone:	740-453-0371

Explanation: SERVICES NO LONGER OFFERED

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

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

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

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

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110
		2018
		This Form is Open to Public Inspection

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018	
A Name of plan MUSKINGUM UNIVERSITY DEFINED CONTRIBUTION AND TAX DEFERRED ANNUITY PLAN	B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 MUSKINGUM UNIVERSITY	D Employer Identification Number (EIN) 31-4379515

Part I	Asset and Liability Statement
---------------	--------------------------------------

1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)		
(2) Participant contributions	1b(2)		
(3) Other.....	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other.....	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property).....	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans.....	1c(8)	0	0
(9) Value of interest in common/collective trusts	1c(9)	0	0
(10) Value of interest in pooled separate accounts	1c(10)	3446883	3564806
(11) Value of interest in master trust investment accounts	1c(11)	0	0
(12) Value of interest in 103-12 investment entities.....	1c(12)	0	0
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	53231382	48007700
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	28784560	29628873
(15) Other	1c(15)	0	0

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	85462825	81201379

Liabilities

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

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	85462825	81201379
---	-----------	----------	----------

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)	1335412	
(B) Participants	2a(1)(B)	1304335	
(C) Others (including rollovers)	2a(1)(C)	680399	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		3320146
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)	0	
(F) Other	2b(1)(F)	1184816	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		1184816
(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)	1155453	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		1155453
(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)		0
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		163051
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		0
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		0
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds).....	2b(10)		-5505625
c Other income.....	2c		36191
d Total income. Add all income amounts in column (b) and enter total.....	2d		354032

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	4326501	
(2) To insurance carriers for the provision of benefits	2e(2)	270657	
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3).....	2e(4)		4597158
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		0
h Interest expense.....	2h		
i Administrative expenses: (1) Professional fees.....	2i(1)	17661	
(2) Contract administrator fees.....	2i(2)		
(3) Investment advisory and management fees.....	2i(3)	659	
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		18320
j Total expenses. Add all expense amounts in column (b) and enter total	2j		4615478

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		-4261446
l Transfers of assets:			
(1) To this plan.....	2l(1)		0
(2) From this plan.....	2l(2)		0

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) ☐ Unqualified (2) ☐ Qualified (3) ☒ Disclaimer (4) ☐ Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)?

☒ Yes ☐ No

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

(1) Name: MALONEY & NOVOTNY LLC

(2) EIN: 34-0677006

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.).....

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.)

	Yes	No	Amount
4a		X	
4b		X	

		Yes	No	Amount
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?	4e	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?	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.)	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 If the plan is a defined benefit plan, is it covered under the PBGC insurance program (See ERISA section 4021.)? ☐ Yes ☐ No ☐ Not determined
 If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____. (See instructions.)

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 2018 This Form is Open to Public Inspection.
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For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan <u>MUSKINGUM UNIVERSITY DEFINED CONTRIBUTION AND TAX DEFERRED ANNUITY PLAN</u>	B Three-digit plan number (PN) ▶ <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>MUSKINGUM UNIVERSITY</u>	D Employer Identification Number (EIN) <u>31-4379515</u>

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	<u>0</u>
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): <u>13-1624203</u>		
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) 2018
v. 171027

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (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 participants on whose behalf no contributions were made by an employer as an employer of the participant for:

a The current year

b The plan year immediately preceding the current plan year

c The second preceding plan year

14a**14b****14c**

- 15** Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year

b The corresponding number for the second preceding plan year

15a**15b**

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

a Enter the number of employers who withdrew during the preceding plan year

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

16a**16b**

- 17** If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

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

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

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

- a** Enter the percentage of plan assets held as:

Stock: _____ % Investment-Grade Debt: _____ % High-Yield Debt: _____ % Real Estate: _____ % Other: _____ %

- b** Provide the average duration of the combined investment-grade and high-yield debt:

☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

- c** What duration measure was used to calculate line 19(b)?

☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify):

**MUSKINGUM UNIVERSITY
DEFINED CONTRIBUTION
AND TAX DEFERRED
ANNUITY PLAN**

FINANCIAL REPORT

DECEMBER 31, 2018 and 2017

MUSKINGUM UNIVERSITY DEFINED CONTRIBUTION
AND TAX DEFERRED ANNUITY PLAN

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Independent Auditors' Report

Plan Administrator
Muskingum University Defined Contribution
and Tax Deferred Annuity Plan
New Concord, Ohio

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of the Muskingum University Defined Contribution and Tax Deferred Annuity Plan (the "Plan"), which comprise the statement of net assets available for benefits as of December 31, 2018, and the related statement of changes in net assets available for benefits for the year then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes 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.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Because of the matters described in the Bases for Disclaimer of Opinion paragraphs, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Bases for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 4, which was certified by Teachers Insurance & Annuity Association of America ("TIAA") and College Retirement Equities Fund ("CREF") (together, "TIAA-CREF"), the Custodian of the Plan, except for comparing such information with the related information included in the financial statements. We have been informed by the plan administrator that the Custodian holds the Plan's investment assets and executes investment transactions. The plan administrator has obtained a certification from the Custodian as of and for the year ended December 31, 2018, that the information provided to the plan administrator by the Custodian is complete and accurate.

In addition, because of inadequacies in the Plan's records for the periods prior to January 1, 2009, we were unable to perform auditing procedures with respect to individual participant account balances accumulated from inception of the Plan or to satisfy ourselves as to the basis on which participants' equity is stated as of December 31, 2018 and 2017, or the propriety of the distributions to participants who terminated and withdrew from the Plan during the year ended December 31, 2018.

Disclaimer of Opinion

Because of the significance of the matters described in the Bases for Disclaimer of Opinion paragraphs, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

Report on Supplementary Information

The supplemental schedule of assets (held at end of year) as of December 31, 2018 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 ("DOL") Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. Because of the significance of the matters described in the Bases for Disclaimer of Opinion paragraphs, we do not express an opinion on this supplemental schedule.

2017 Financial Statement

The financial statement of the Plan as of December 31, 2017 was audited by predecessor auditors. As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 ("ERISA"), the plan administrator instructed the predecessor auditors not to perform, and they did not perform, any auditing procedures with respect to the information certified by the Custodian. Their report, dated September 19, 2018, indicated that (a) because of the significance of the information that they did not audit, they were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion and, accordingly, they did not express an opinion on the financial statements and (b) the form and content of the information included in the financial statements, other than that derived from the information certified by the Custodian, were presented in compliance with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

Report on Form and Content in Compliance With DOL Rules and Regulations - 2018

The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the information certified by the Custodian, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the ERISA.

Meloney + Novotny LLC

Cleveland, Ohio
October 9, 2019

MUSKINGUM UNIVERSITY DEFINED CONTRIBUTION
AND TAX DEFERRED ANNUITY PLAN

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS

December 31, 2018 and 2017

	<u>2018</u>	<u>2017</u>
<u>ASSETS</u>		
INVESTMENTS, AT FAIR VALUE		
Guaranteed investment contract - non benefit-responsive	\$ 25,775,693	\$ 25,264,054
Pooled separate account	3,564,806	3,446,883
Registered investment companies	<u>48,007,700</u>	<u>53,231,382</u>
Total investments, at fair value	77,348,199	81,942,319
INVESTMENTS, AT CONTRACT VALUE		
Guaranteed investment contracts - benefit-responsive	<u>3,853,180</u>	<u>3,520,506</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u>\$ 81,201,379</u>	<u>\$ 85,462,825</u>

The accompanying notes are an integral part of these financial statements.

MUSKINGUM UNIVERSITY DEFINED CONTRIBUTION
AND TAX DEFERRED ANNUITY PLAN

STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

Year Ended December 31, 2018

ADDITIONS

Investment loss:

Net depreciation in fair value of investments	\$ (5,198,136)
Interest and dividends	<u>2,232,022</u>
Total investment loss	(2,966,114)

Contributions:

Participant	1,304,335
Employer	1,335,412
Rollovers	<u>680,399</u>
Total contributions	<u>3,320,146</u>

Total additions	354,032
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DEDUCTIONS

Benefits paid directly to participants	4,326,501
Annuity settlement options	270,657
Administrative fees	<u>18,320</u>

Total deductions	<u>4,615,478</u>
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NET DECREASE	(4,261,446)
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NET ASSETS AVAILABLE FOR BENEFITS

BEGINNING OF YEAR	<u>85,462,825</u>
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END OF YEAR	<u><u>\$ 81,201,379</u></u>
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The accompanying notes are an integral part of these financial statements.

MUSKINGUM UNIVERSITY DEFINED CONTRIBUTION
AND TAX DEFERRED ANNUITY PLAN

NOTES TO FINANCIAL STATEMENTS

Note 1. Description of Plan

The following is a summary of certain provisions of the Muskingum University Defined Contribution and Tax Deferred Annuity Plan (the "Plan"). Participants should refer to the Plan document for a more complete description of the Plan's provisions.

General

The Plan, effective April 4, 1948 and restated effective January 1, 2018, is a defined contribution plan with a salary deferral provision subject to Section 403(b) of the Internal Revenue Code ("IRC"). The Plan is sponsored by Muskingum University (the "Employer"), an exempt organization under Section 501(c)(3) of the IRC.

As of December 31, 2009, the Muskingum University Business and Finance Committee, the Plan's sponsor, voted on November 30, 2009 to merge the Muskingum College Tax Deferred Annuity Plan and the Muskingum University Defined Contribution Plan effective December 31, 2009 which resulted in changing the Plan name to Muskingum University Defined Contribution and Tax Deferred Annuity Plan.

The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA"). The Employer has the right to amend or terminate the Plan under the provisions of ERISA. The Muskingum University Business and Finance Committee is responsible for oversight of the Plan, determines the appropriateness of the Plan's investment offerings and monitors investment performance.

Contributions

Employees, except those employees classified as students and, beginning January 1, 2015, employees who normally work less than 20 hours per week, are permitted to make elective deferrals under the universal availability requirements. Eligible participants who have completed one consecutive year of service, have over 1,000 hours of compensated time in the completed year and are age twenty-one or older are required to contribute a minimum 5% of pretax annual compensation, as defined in the Plan. Participants who have attained age 50 before the end of the Plan year are eligible to make catch-up contributions. Participants may also contribute amounts representing distributions from other qualified defined benefit or defined contribution plans (rollover). Participants direct the investment of their contributions into various investment options offered by the Plan. The Employer contributes 9% of the participant's annual eligible compensation after the participant becomes eligible for participant contributions. Contributions are subject to certain Internal Revenue Service ("IRS") limitations.

Participants' Accounts

Teachers Insurance & Annuity Association of America and College Retirement Equities Fund (together, "TIAA-CREF") maintain an individual account for each participant. These accounts are credited with contributions and related earnings, and charged with an allocation of any administrative expenses. Allocations are based on participant earnings, account balances or specific participant transactions, as defined. Participants elect to maintain their aggregate contributions in the investment funds. Separate accounting for each of the funds is made pursuant to the participant's designated election. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

MUSKINGUM UNIVERSITY DEFINED CONTRIBUTION
AND TAX DEFERRED ANNUITY PLAN

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

Note 1. Description of Plan (Continued)

Notes Receivable From Participants

Participants may borrow directly from TIAA-CREF a minimum of \$1,000 up to a maximum of \$50,000 or 50% of their vested interest in their account whichever is less. Loan transactions are recorded outside of the Plan since they are not borrowing from their own accounts. Loan terms shall be no greater than five years except in the case of a loan to acquire a personal residence of the participant. The participants must pledge 110% of the loan's value as collateral using their investment accounts. The variable interest rate, which can change every three months, is based on the higher of 1) Moody's Corporate Bond Yield Average or 2) interest rate credited before the annuity starting date plus 1%. As of December 31, 2018 and 2017, the participants have plan loans totaling \$54,172 and \$74,722, respectively.

Vesting

Participants are at all times vested in all contributions and earnings thereon.

Payment of Benefits

On termination of service, a participant may elect to receive either a lump sum amount equal to the value of the participant's vested interest in his or her account, partial payments, installment payments or toward the purchase of annuity contract. Elective deferrals may be distributed upon incurring a disability, attainment of age 59½, attainment of normal retirement age before severance of employment and on account of hardship.

Termination Provisions

The Employer anticipates and believes that the Plan will continue indefinitely; however, the Employer reserves the right to terminate the Plan at any time by an action of its Board of Trustees subject to the provisions of ERISA. In the event of termination of the Plan, the assets then remaining in the funds will be allocated and distributed to participants in accordance with the terms and provisions of the Plan.

Note 2. Summary of Significant Accounting Policies

Basis of Accounting

The financial statements of the Plan have been prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America.

Investments held by a defined contribution plan are required to be reported at fair value, except for fully benefit-responsive investment contracts. Contract value is the relevant measure for the portion of the net assets available for benefits of a defined contribution plan attributable to fully benefit-responsive investment contracts because contract value is the amount participants normally would receive if they were to initiate permitted transactions under the terms of the Plan.

MUSKINGUM UNIVERSITY DEFINED CONTRIBUTION
AND TAX DEFERRED ANNUITY PLAN

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

Note 2. Summary of Significant Accounting Policies (Continued)

Basis of Accounting (Continued)

The financial statements of the Plan do not include amounts related to certain investment contracts which became inactive prior to January 1, 2009. As contemplated in the Department of Labor's Field Assistance Bulletin No. 2009-02, *Annual Reporting Requirements for 403(b) Plans*, the Employer has made a good faith effort to determine the population of plan participants and has included amounts related to all known contracts in these financial statements. Accordingly, these financial statements are acceptable to the Department of Labor as part of the Plan's Form 5500 filing. However, because of the uncertainty involved in ascertaining all previous arrangements, it is possible that contracts may exist related to this Plan which have not been included in these financial statements and those amounts may be material. Accounting principles generally accepted in the United States of America require these amounts to be included in the financial statements.

Subsequent Events

The Plan has evaluated subsequent events through October 9, 2019, which is the date the financial statements were available to be issued.

Use of Estimates

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

Investment Valuation and Income Recognition

The Plan's investment in the benefit-responsive guaranteed investment contract is reported at contract value. Contract value, as reported to the Plan by TIAA-CREF, represents contributions made under the contracts, plus earnings, less participant withdrawals and administrative expenses. All other Plan investments are reported at 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. The Plan's Business and Finance Committee determines the Plan's valuation policies utilizing information provided by the investment advisers, Custodian and insurance company. See Note 3 for discussion of fair value measurements.

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

Payment of Benefits

Benefits are recorded when paid by the Plan.

MUSKINGUM UNIVERSITY DEFINED CONTRIBUTION
AND TAX DEFERRED ANNUITY PLAN

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

Note 2. Summary of Significant Accounting Policies (Continued)

Administrative Expenses

Certain expenses incurred by the Plan are paid directly by the Employer and are excluded from these financial statements. Fees related to the administration of plan loans are charged directly to the participant's account and are included in administrative expenses. Investment-related expenses are included in net depreciation in fair value of investments.

Note 3. Fair Value Measurements

The Plan estimates the fair value of financial instruments using available market information and other generally accepted valuation methodologies. The inputs used to measure fair value are classified into three levels:

Level 1 – Quoted market prices in active markets for identical assets and liabilities.

Level 2 – Observable market-based inputs or unobservable inputs that are corroborated by market data.

Level 3 – Unobservable inputs in which little or no market data exists.

The following is a description of the valuation methodologies used for plan assets measured at fair value:

Non benefit-responsive investment contracts are reported at estimated fair value as determined by TIAA-CREF based upon the individual purchases and sales of individual contracts and the correlation between the contracts' crediting rate with the highest quality debt security yields, adjusted for contract liquidity. These are classified as Level 3.

The plan administrator has various processes and controls in place to ensure that fair value is reasonably estimated. These include, but are not limited to, reviewing interest rates, versus credit rates and contract rates. Valuation approaches are reviewed on an ongoing basis and revised as necessary based on changing market conditions to ensure values represent a reasonable exit price.

The pooled separate account is invested in TIAA Real Estate, whose value is principally derived from the market value appraisals of the underlying real estate holdings or other real estate-related investments. The TIAA general account provides this real estate fund with a liquidity guarantee to ensure there are funds to meet participant redemption, transfer or cash withdrawal requests. These are classified as Level 2.

Included in registered investment companies are TIAA-CREF funds which are based on market quotations or prices from independent pricing services and are classified as Level 1. Also included are various CREF funds that are not available for sale on any securities exchange but whose underlying investments consist of equity securities and fixed income instruments. The valuation of these funds is based upon the daily quoted net asset value of shares held by the Plan and are classified as Level 2.

MUSKINGUM UNIVERSITY DEFINED CONTRIBUTION
AND TAX DEFERRED ANNUITY PLAN

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

Note 3. Fair Value Measurements (Continued)

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future values. There have been no changes in methodologies used from 2017 to 2018. Furthermore, while the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

The following tables set forth by level, within the fair value hierarchy, the Plan's financial assets at fair value as of December 31, 2018 and 2017:

Assets at Fair Value as of December 31, 2018				
	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Guaranteed investment contract			\$ 25,775,693	\$ 25,775,693
Pooled separate account		\$ 3,564,806		3,564,806
Registered investment companies	<u>\$ 15,710,083</u>	<u>32,297,617</u>		<u>48,007,700</u>
Total	<u>\$ 15,710,083</u>	<u>\$ 35,862,423</u>	<u>\$ 25,775,693</u>	<u>\$ 77,348,199</u>

Assets at Fair Value as of December 31, 2017				
	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Guaranteed investment contract			\$ 25,264,054	\$ 25,264,054
Pooled separate account		\$ 3,446,883		3,446,883
Registered investment companies	<u>\$ 17,574,458</u>	<u>35,656,924</u>		<u>53,231,382</u>
Total	<u>\$ 17,574,458</u>	<u>\$ 39,103,807</u>	<u>\$ 25,264,054</u>	<u>\$ 81,942,319</u>

The table below sets forth a summary of changes in the fair value of the Plan's Level 3 assets for the year ended December 31, 2018:

	<u>Guaranteed Investment Contract</u>
Balance, beginning of year	\$ 25,264,054
Contributions/transfers in	894,957
Distributions/transfers out	(1,454,141)
Realized gains	249,977
Unrealized gains	<u>820,846</u>
Balance, end of year	<u>\$ 25,775,693</u>

MUSKINGUM UNIVERSITY DEFINED CONTRIBUTION
AND TAX DEFERRED ANNUITY PLAN

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

Note 4. Unaudited Information

The plan administrator has elected the method of compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, the Custodian has certified to the completeness and accuracy of all investments reflected in the statements of net assets available for benefits at December 31, 2018 and 2017, the supplemental schedule at December 31, 2018, the related investment activity reflected in the statement of changes in net assets available for benefits for the year ended December 31, 2018 and investment related information in the accompanying notes to the financial statements. This information is unaudited by independent accountants.

Note 5. Guaranteed Investment Contracts

The Plan has guaranteed investment contracts with TIAA-CREF, portions of which are considered to be benefit-responsive. Contributions are maintained by TIAA-CREF in a general, unallocated 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 portions of the guaranteed investment contracts are fully benefit-responsive, contract value is the relevant measurement attribute for these portions of the net assets available for benefits attributable to the guaranteed investment contracts. Participants may ordinarily direct the withdrawal or transfer of all or a portion of their investment in these funds at contract value. Portions not considered to be benefit-responsive are reported at fair value.

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 is guaranteed to be between 1% and 3%. Such interest rates are reviewed on a monthly basis for resetting. In addition, the Board of Trustees of TIAA-CREF votes annually to determine if it will add a discretionary crediting interest rate to remain in effect for the remainder of the declaration year. Certain events limit the ability of the Plan to transact at contract value with the issuer. However, the plan administrator does not believe that any events which would limit the Plan's ability to transact at contract value with participants are probable of occurring.

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

Note 6. Income Tax Status

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

The plan administrator has analyzed the tax positions taken by the Plan and has concluded that, as of December 31, 2018, there are no uncertain positions taken or expected to be taken that would require such recognition or disclosure in the financial statements.

MUSKINGUM UNIVERSITY DEFINED CONTRIBUTION
AND TAX DEFERRED ANNUITY PLAN

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

Note 7. Party-in-Interest Transactions

Plan investments are managed by TIAA-CREF. TIAA-CREF is the Custodian as defined by the Plan and, therefore, these transactions qualify as party-in-interest transactions. Fees incurred by the Plan for the investment management services are included in net depreciation in fair value of investments, as they are paid through revenue sharing, rather than a direct payment.

Note 8. Risks and Uncertainties

The Plan holds various investment options in combinations of investment securities. Investment securities are exposed to various risks such as interest rate, market and credit risks. 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 statement of net assets available for benefits.

SUPPLEMENTAL SCHEDULE

MUSKINGUM UNIVERSITY DEFINED CONTRIBUTION
AND TAX DEFERRED ANNUITY PLAN

EMPLOYER NO. 34-4379515
PLAN NO. 001

SCHEDULE H, LINE 4(i) - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

December 31, 2018

(a)	(b) <u>Identity of Party</u>	(c) <u>Description of Investment</u>	Current (e) <u>Value</u>
<u>Benefit-responsive Guaranteed investment contracts</u>			
*	TIAA-CREF	TIAA Traditional Benefit-Responsive	\$ 3,839,343
*	TIAA-CREF	TIAA Stable Value	13,837
			3,853,180
<u>Non benefit-responsive Guaranteed investment contract</u>			
*	TIAA-CREF	TIAA Traditional Non Benefit-Responsive	25,775,693
<u>Pooled separate account</u>			
*	TIAA-CREF	TIAA Real Estate	3,564,806
<u>Registered investment companies</u>			
*	TIAA-CREF	CREF Stock R2	16,142,766
*	TIAA-CREF	CREF Money Market R2	830,307
*	TIAA-CREF	CREF Social Choice R2	2,471,112
*	TIAA-CREF	CREF Bond Market R2	2,525,212
*	TIAA-CREF	CREF Global Equities R2	4,096,696
*	TIAA-CREF	CREF Growth R2	3,287,124
*	TIAA-CREF	CREF Equity Index R2	2,147,852
*	TIAA-CREF	CREF Inflation-Linked Bond R2	796,548
*	TIAA-CREF	TIAA-CREF Intl Eq-Rtmt	910,011
*	TIAA-CREF	TIAA-CREF Lg-Cap Val-Rtmt	1,392,857
*	TIAA-CREF	TIAA-CREF Lifecycle 2010-Rtmt	428,579
*	TIAA-CREF	TIAA-CREF Lifecycle 2015-Rtmt	736,959
*	TIAA-CREF	TIAA-CREF Lifecycle 2020-Rtmt	1,157,238
*	TIAA-CREF	TIAA-CREF Lifecycle 2025-Rtmt	1,760,555
*	TIAA-CREF	TIAA-CREF Lifecycle 2030-Rtmt	1,030,419
*	TIAA-CREF	TIAA-CREF Lifecycle 2035-Rtmt	1,545,464
*	TIAA-CREF	TIAA-CREF Lifecycle 2040-Rtmt	1,848,343

MUSKINGUM UNIVERSITY DEFINED CONTRIBUTION
AND TAX DEFERRED ANNUITY PLAN

EMPLOYER NO. 34-4379515
PLAN NO. 001

SCHEDULE H, LINE 4(i) - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

December 31, 2018

(a)	(b) <u>Identity of Party</u>	(c) <u>Description of Investment</u>	Current (e) <u>Value</u>
*	TIAA-CREF	TIAA-CREF Lifecycle 2045-Rtmt	502,664
*	TIAA-CREF	TIAA-CREF Lifecycle 2050-Rtmt	519,967
*	TIAA-CREF	TIAA-CREF Lifecycle 2055-Rtmt	173,930
*	TIAA-CREF	TIAA-CREF Lifecycle 2060-Rtmt	10,865
*	TIAA-CREF	TIAA-CREF Mid-Cap Gr -Rtmt	237,541
*	TIAA-CREF	TIAA-CREF Mid-Cap Val -Rtmt	996,458
*	TIAA-CREF	TIAA-CREF Money Market-Rtmt	118,081
*	TIAA-CREF	TIAA-CREF Sm-Cap Equity -Rtmt	195,753
	Oppenheimer	Oppenheimer Develop Markets Y	705,656
	PIMCO	PIMCO Low Duration FD AdminCls	28,857
	Templeton	Templeton Global Bond AdvClass	405,056
	Columbia	Columbia Mid-Cap Index Fund R5	216,316
	Columbia	Columbia Sm-Cap Index Fund R5	788,514
			<u>48,007,700</u>
			<u>\$ 81,201,379</u>

* Represents a party-in-interest

Muskingum University Defined Contribution and Tax Deferred Annuity Plan
Schedule H, Line 4i - Schedule of Asset (Held at End of Year)
EIN 31-4379515, PN 001

<u>(a)</u>	<u>(b) Identity of issue, borrower, lessor or similar party</u>	<u>(c) Description of investment</u>	<u>(d) Cost</u>	<u>(e) Current value</u>
*	College Retirement Equities Fund variable annuities	<i>TIAA Traditional Benefit Responsive</i>	\$ 3,170,745.02	\$ 3,563,184.86
*	College Retirement Equities Fund variable annuities	<i>TIAA Traditional Non Benefit Responsive</i>	\$ 19,967,498.90	\$ 25,467,455.09
*	College Retirement Equities Fund variable annuities	<i>TIAA Traditional Benefit Responsive 2</i>	\$ 271,841.72	\$ 276,158.61
*	College Retirement Equities Fund variable annuities	<i>TIAA Traditional Non Benefit Responsive 2</i>	\$ 302,448.26	\$ 308,237.71
*	College Retirement Equities Fund variable annuities	<i>TIAA Stable Value</i>	\$ 13,770.82	\$ 13,836.69
*	College Retirement Equities Fund variable annuities	<i>CREF Stock</i>	\$ 14,671,932.37	\$ 16,142,765.73
*	College Retirement Equities Fund variable annuities	<i>CREF Money Market</i>	\$ 817,159.49	\$ 830,307.36
*	College Retirement Equities Fund variable annuities	<i>CREF Social Choice</i>	\$ 2,222,307.51	\$ 2,471,111.68
*	College Retirement Equities Fund variable annuities	<i>CREF Bond Market</i>	\$ 2,438,695.65	\$ 2,525,211.76
*	College Retirement Equities Fund variable annuities	<i>CREF Global Equities</i>	\$ 4,124,464.34	\$ 4,096,696.09
*	College Retirement Equities Fund variable annuities	<i>CREF Growth</i>	\$ 2,593,123.39	\$ 3,287,124.16
*	College Retirement Equities Fund variable annuities	<i>CREF Equity Index</i>	\$ 1,796,398.12	\$ 2,147,852.32
*	College Retirement Equities Fund variable annuities	<i>CREF Inflation-Linked Bond</i>	\$ 790,284.30	\$ 796,548.46
*	College Retirement Equities Fund variable annuities	<i>TIAA Real Estate</i>	\$ 2,706,642.38	\$ 3,564,805.75
*	College Retirement Equities Fund variable annuities	<i>TIAA-CREF Intl Eq-Rtmt</i>	\$ 1,341,362.46	\$ 910,011.08
*	College Retirement Equities Fund variable annuities	<i>TIAA-CREF Lg-Cap Val-Rtmt</i>	\$ 1,884,351.45	\$ 1,392,856.74
*	College Retirement Equities Fund variable annuities	<i>TIAA-CREF Lifecycle 2010-Rtmt</i>	\$ 482,020.04	\$ 428,578.60
*	College Retirement Equities Fund variable annuities	<i>TIAA-CREF Lifecycle 2015-Rtmt</i>	\$ 841,342.94	\$ 736,959.42
*	College Retirement Equities Fund variable annuities	<i>TIAA-CREF Lifecycle 2020-Rtmt</i>	\$ 1,335,711.43	\$ 1,157,237.98
*	College Retirement Equities Fund variable annuities	<i>TIAA-CREF Lifecycle 2025-Rtmt</i>	\$ 2,064,571.76	\$ 1,760,555.47
*	College Retirement Equities Fund variable annuities	<i>TIAA-CREF Lifecycle 2030-Rtmt</i>	\$ 1,226,982.04	\$ 1,030,419.04
*	College Retirement Equities Fund variable annuities	<i>TIAA-CREF Lifecycle 2035-Rtmt</i>	\$ 1,859,390.89	\$ 1,545,463.78
*	College Retirement Equities Fund variable annuities	<i>TIAA-CREF Lifecycle 2040-Rtmt</i>	\$ 2,286,848.36	\$ 1,848,342.74
*	College Retirement Equities Fund variable annuities	<i>TIAA-CREF Lifecycle 2045-Rtmt</i>	\$ 614,743.39	\$ 502,664.30
*	College Retirement Equities Fund variable annuities	<i>TIAA-CREF Lifecycle 2050-Rtmt</i>	\$ 634,714.91	\$ 519,966.55
*	College Retirement Equities Fund variable annuities	<i>TIAA-CREF Lifecycle 2055-Rtmt</i>	\$ 210,752.07	\$ 173,929.88
*	College Retirement Equities Fund variable annuities	<i>TIAA-CREF Mid-Cap Gr-Rtmt</i>	\$ 312,871.58	\$ 237,541.37
*	College Retirement Equities Fund variable annuities	<i>TIAA-CREF Mid-Cap Val-Rtmt</i>	\$ 1,367,001.51	\$ 996,458.33
*	College Retirement Equities Fund variable annuities	<i>TIAA-CREF Money Market-Rtmt</i>	\$ 118,080.93	\$ 118,080.93
*	College Retirement Equities Fund variable annuities	<i>TIAA-CREF Qt Sml-Cap Eq-Rtmt</i>	\$ 266,119.00	\$ 195,752.52
	College Retirement Equities Fund variable annuities	<i>Oppenheimer Develop Markets Y</i>	\$ 872,923.59	\$ 705,656.46
	College Retirement Equities Fund variable annuities	<i>PIMCO Low Duration Fd AdminCls</i>	\$ 29,216.97	\$ 28,857.00
	College Retirement Equities Fund variable annuities	<i>Templeton Global Bond AdvClass</i>	\$ 427,857.37	\$ 405,056.40
	College Retirement Equities Fund variable annuities	<i>Columbia Mid Cap Index Fund R5</i>	\$ 272,483.13	\$ 216,316.42
	College Retirement Equities Fund variable annuities	<i>Columbia Small Cp Indx Fund R5</i>	\$ 989,290.65	\$ 788,513.53
*	College Retirement Equities Fund variable annuities	<i>TIAA-CREF Lifecycle 2060-Rtmt</i>	\$ 12,746.34	\$ 10,864.57
			<u>\$ 75,338,695.08</u>	<u>\$ 81,201,379.38</u>

*

Indicates party-in-interest to plan.