

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
--	---	---

Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
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 CARLOW UNIVERSITY DEFINED CONTRIBUTION PLAN
1b	Three-digit plan number (PN) ▶ 001
1c	Effective date of plan 10/01/1956
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) CARLOW UNIVERSITY 3333 5TH AVENUE PITTSBURGH, PA 15213-3109
2b	Employer Identification Number (EIN) 25-0965438
2c	Plan Sponsor's telephone number 412-578-6000
2d	Business code (see instructions) 611000

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.	09/28/2023	MARY ANNE KOLENY
	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 c Plan Name		4b EIN 4d PN
5 Total number of participants at the beginning of the plan year		5 647
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).		
a(1) Total number of active participants at the beginning of the plan year		6a(1) 291
a(2) Total number of active participants at the end of the plan year		6a(2) 337
b Retired or separated participants receiving benefits		6b 0
c Other retired or separated participants entitled to future benefits.....		6c 331
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d 668
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e 8
f Total. Add lines 6d and 6e		6f 676
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		6g 652
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6h 0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)		7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2G 2L 2M		
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:		
9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor		9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)		
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary		b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☒ 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 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
--	--	--

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A Name of plan CARLOW UNIVERSITY DEFINED CONTRIBUTION PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 CARLOW UNIVERSITY	D Employer Identification Number (EIN) 25-0965438

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

1 Coverage Information:

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

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
13-1624203	69345	104341	436	01/01/2022	12/31/2022

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

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

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Part II Investment and Annuity Contract Information

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

4	Current value of plan's interest under this contract in the general account at year end.....	4	14174569
5	Current value of plan's interest under this contract in separate accounts at year end.....	5	17473967

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	14335680
----------	---	-----------	----------

c	Additions: (1) Contributions deposited during the year	7c(1)	55555	
	(2) Dividends and credits	7c(2)		
	(3) Interest credited during the year	7c(3)	570029	
	(4) Transferred from separate account	7c(4)	939597	
	(5) Other (specify below)	7c(5)	26858	

▶ PLAN SERVICING CREDIT, PARTICIPANT LOAN INTEREST

(6) Total additions	7c(6)	1592039
---------------------------	--------------	---------

d	Total of balance and additions (add lines 7b and 7c(6))	7d	15927719
----------	--	-----------	----------

e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	934333	
(2) Administration charge made by carrier	7e(2)		
(3) Transferred to separate account	7e(3)	786028	
(4) Other (specify below)	7e(4)	32789	

▶ PLAN FEES, PARTICIPANT LOANS ISSUED, PARTICIPANT LOAN PRINCIPAL REPAYMENT

(5) Total deductions	7e(5)	1753150
----------------------------	--------------	---------

f	Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	14174569
----------	--	-----------	----------

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 CARLOW UNIVERSITY DEFINED CONTRIBUTION PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 CARLOW UNIVERSITY	D Employer Identification Number (EIN) 25-0965438	

Part I Service Provider Information (see instructions)

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No
- b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
TIAA
13-1624203
(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
(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

(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

(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)

GLOBAL RETIREMENT PARTNERS, LLC

4460 REDWOOD HIGHWAY
SAN RAFAEL, CA 94903-1951

47-1411118

(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?
16 26 27	ADVISOR	30000	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?
64 65	RECORDKEEPER	525	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

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

Part I Service Provider Information (continued)

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

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

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

SCHEDULE D (Form 5500) 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 CARLOW UNIVERSITY DEFINED CONTRIBUTION PLAN		B Three-digit plan number (PN) ► 001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 CARLOW UNIVERSITY		D Employer Identification Number (EIN) 25-0965438
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: TIAA REAL ESTATE		
b Name of sponsor of entity listed in (a): TIAA-CREF		
c EIN-PN 13-1624203-004	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1421279
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

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

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

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

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

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>CARLOW UNIVERSITY DEFINED CONTRIBUTION PLAN</u>		B Three-digit plan number (PN) <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>CARLOW UNIVERSITY</u>		D Employer Identification Number (EIN) <u>25-0965438</u>

Part I Asset and Liability Statement			
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash.....	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)		
(2) Participant contributions.....	1b(2)		
(3) Other.....	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants).....	1c(7)		
(8) Participant loans.....	1c(8)	52565	87285
(9) Value of interest in common/collective trusts.....	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)	1835340	1421279
(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)	43186425	33516225
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	14335680	14174569
(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	59410010	49199358

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	59410010	49199358
---	-----------	----------	----------

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)	927237	
(B) Participants	2a(1)(B)	1585496	
(C) Others (including rollovers)	2a(1)(C)	291638	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		2804371
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)	3077	
(F) Other	2b(1)(F)	570029	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		573106
(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)	486588	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		486588
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		150449
(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)		-7993360
c Other income	2c		26850
d Total income. Add all income amounts in column (b) and enter total	2d		-3951996
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	6026268	
(2) To insurance carriers for the provision of benefits	2e(2)	199888	
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		6226156
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)	32500	
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		32500
j Total expenses. Add all expense amounts in column (b) and enter total	2j		6258656
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-10210652
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: CLIFTONLARSONALLEN LLP

(2) EIN: 41-0746749

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		5000000
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 CARLOW UNIVERSITY DEFINED CONTRIBUTION PLAN		B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 CARLOW UNIVERSITY		D Employer Identification Number (EIN) 25-0965438
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): 82-2826183		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....		3
Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)	
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☐ No ☒ N/A If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....		6a
b Enter the amount contributed by the employer to the plan for this plan year.....		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☒ No ☐ N/A		
Part III	Amendments	
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box..... ☐ Increase ☐ Decrease ☐ Both ☐ No		
Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.	
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?..... ☐ Yes ☐ No		
11 a Does the ESOP hold any preferred stock?..... ☐ Yes ☐ No		
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)..... ☐ Yes ☐ No		
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?..... ☐ Yes ☐ No		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

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

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

18	If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐
19	If the total number of participants is 1,000 or more, complete lines (a) through (c) a Enter the percentage of plan assets held as: Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____% b Provide the average duration of the combined investment-grade and high-yield debt: ☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more c What duration measure was used to calculate line 19(b)? ☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____
20	PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20. a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box: ☐ Yes. ☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date. ☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date. ☐ No. Other. Provide explanation _____

CARLOW UNIVERSITY DEFINED CONTRIBUTION PLAN

**FINANCIAL STATEMENTS AND
ERISA-REQUIRED SUPPLEMENTAL SCHEDULE**

YEARS ENDED DECEMBER 31, 2022 AND 2021



CPAs | CONSULTANTS | WEALTH ADVISORS

CLAconnect.com

**CARLOW UNIVERSITY DEFINED CONTRIBUTION PLAN
TABLE OF CONTENTS
YEARS ENDED DECEMBER 31, 2022 AND 2021**

INDEPENDENT AUDITORS' REPORT	1
FINANCIAL STATEMENTS	
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS	5
STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS	6
NOTES TO FINANCIAL STATEMENTS	7
ERISA-REQUIRED SUPPLEMENTAL SCHEDULE (ATTACHMENT TO FORM 5500)	
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR)	15



INDEPENDENT AUDITORS' REPORT

Retirement Committee
Carlow University Defined Contribution Plan
Pittsburgh, Pennsylvania

Report on the Audit of the Financial Statements

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

We have performed audits of the accompanying financial statements of Carlow University Defined Contribution 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 Carlow University Defined Contribution 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 a qualified institution as of December 31, 2022 and 2021, and for the years then ended, stating that the certified investment information, as described in Note 3 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 Auditors' Responsibilities for the Audit of the Financial Statements section

- the amounts and disclosures in the financial statements referred to above, 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 financial statements referred to above 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).

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 Auditors' Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of Carlow University Defined Contribution 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 Carlow University Defined Contribution Plan's ability to continue as a going concern for one year after the date that 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.

Auditors' 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 auditors' 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 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.

Retirement Committee
Carlow University Defined Contribution Plan

- 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 Carlow University Defined Contribution 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 Carlow University Defined Contribution 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.

Other Matter — Supplemental Schedule Required by ERISA

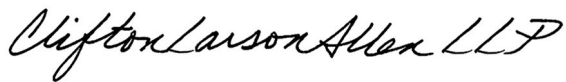
The supplemental schedule of assets (held at end of year) as of December 31, 2022 is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. 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.

Retirement Committee
Carlow University Defined Contribution Plan

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

In our opinion

- the form and content of the supplemental schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, is 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).

A handwritten signature in cursive script that reads "CliftonLarsonAllen LLP".

CliftonLarsonAllen LLP

Pittsburgh, Pennsylvania
September 8, 2023

**CARLOW UNIVERSITY DEFINED CONTRIBUTION PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
DECEMBER 31, 2022 AND 2021**

ASSETS	<u>2022</u>	<u>2021</u>
INVESTMENTS (at Fair Value)		
Sub-Accounts of Variable Annuities	\$ 16,052,688	\$ 24,092,230
Pooled Separate Account	1,421,279	1,835,340
Mutual Funds	17,463,537	19,094,195
General Accounts	<u>12,776,302</u>	<u>12,828,519</u>
Total Investments (at Fair Value)	47,713,806	57,850,284
INVESTMENTS (at Contract Value)		
Fully Benefit-Responsive Investment Contract	<u>1,398,267</u>	<u>1,507,161</u>
Total Investments	49,112,073	59,357,445
NOTES RECEIVABLE FROM PARTICIPANTS	<u>87,285</u>	<u>52,565</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u><u>\$ 49,199,358</u></u>	<u><u>\$ 59,410,010</u></u>

See accompanying Notes to Financial Statements.

**CARLOW UNIVERSITY DEFINED CONTRIBUTION PLAN
STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
YEARS ENDED DECEMBER 31, 2022 AND 2021**

	<u>2022</u>	<u>2021</u>
ADDITIONS:		
INVESTMENT INCOME (LOSS)		
Net Appreciation (Depreciation) in Fair Value of Investments	\$ (7,380,929)	\$ 5,835,375
Interest and Dividends	<u>621,485</u>	<u>751,635</u>
Total Investment Income (Loss)	(6,759,444)	6,587,010
INTEREST ON NOTES RECEIVABLE	3,077	3,785
CONTRIBUTIONS		
Employee Deferrals	1,585,496	1,414,674
Employer Contributions	927,237	66,750
Rollovers	<u>291,638</u>	<u>1,039,466</u>
Total Contributions	<u>2,804,371</u>	<u>2,520,890</u>
Total Additions	(3,951,996)	9,111,685
DEDUCTIONS:		
BENEFITS PAID TO PARTICIPANTS	6,226,156	5,742,796
ADMINISTRATIVE EXPENSES	<u>32,500</u>	<u>30,000</u>
Total Deductions	<u>6,258,656</u>	<u>5,772,796</u>
NET INCREASE (DECREASE)	(10,210,652)	3,338,889
NET ASSETS AVAILABLE FOR BENEFITS:		
Beginning of Year	<u>59,410,010</u>	<u>56,071,121</u>
End of Year	<u><u>\$ 49,199,358</u></u>	<u><u>\$ 59,410,010</u></u>

See accompanying Notes to Financial Statements.

CARLOW UNIVERSITY DEFINED CONTRIBUTION PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021

NOTE 1 DESCRIPTION OF PLAN

The following description of the Carlow University Defined Contribution Plan (the Plan) is provided for general information purposes only. Participants should refer to the Plan document for a more complete description of the Plan's provisions.

General

The Plan is a defined contribution plan originally effective on October 1, 1956. The Plan was last restated effective January 1, 2021 and last amended effective July 1, 2022. The Plan excludes nonresident aliens, student employees, employees who are eligible to participate in another Employer Plan, and employees covered by a collective bargaining agreement. Adjunct Faculty employees are also excluded from receiving Employer matching contributions. The Plan is subject to the Employee Retirement Income Security Act of 1974 (ERISA). The Retirement Committee is responsible for the oversight of the Plan and determines the appropriateness of the Plan's investment offerings and monitors investment performance.

Eligibility

Employees of Carlow University (the Employer) are eligible to participate in the deferral component of the Plan immediately upon hire and are eligible for the match component of the Plan upon attainment of age 18 and completing one year of service.

Contributions

The Plan includes a salary deferral arrangement. Eligible participants may elect to make pre-tax contributions of up to 100% of their eligible compensation. The Plan allows participants age 50 and older to make catch-up contributions. The Plan also allows participants with 15 years of service to make additional catch-up contributions in amounts up to \$3,000 per year, subject to a lifetime limitation of \$15,000. Participants may also contribute amounts representing distributions from other qualified defined benefit or defined contribution plans. Participants direct the investment of contributions into various investment options offered by the Plan.

For the year ended December 31, 2022, eligible participants that contribute at least 5% of eligible compensation are eligible to receive matching contributions equal to the following:

<u>Completed Years of Service</u>	<u>Percent of Eligible Compensation Contributed to the Plan by the Employer</u>
1 to 5	5.00%
6 to 9	6.00%
10 to 14	7.50%
15 or More	10.00%

Effective July 1, 2020, the Plan Sponsor elected to cease Employer match contributions from July 1, 2020 through December 31, 2021. Contributions are subject to certain limitations.

CARLOW UNIVERSITY DEFINED CONTRIBUTION PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021

NOTE 1 DESCRIPTION OF PLAN (CONTINUED)

Participant Accounts

Each participant's account is credited with the participant's contributions and the Employer's matching contribution, and an allocation of Plan earnings or losses. Allocations are based on participant earnings or losses, or account balances, as defined. Participants direct the investment of their accounts into certain investment options offered under the Plan. The benefit to which a participant is entitled is the benefit that can be provided by the participant's vested account.

Vesting

Participants are immediately vested in their contributions and Employer matching contributions plus actual earnings thereon.

Notes Receivable from Participants

Participants may borrow from their fund accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their vested account balance. The notes are secured by the balance in the participant's account and bear interest at the prime rate plus 1%. Principal and interest is paid ratably through payroll deductions.

Plan Loans

Participants may borrow amounts from TIAA, the custodian, in an amount up to a maximum equal to the lesser of \$50,000 or 50% of their vested account balance. The loans are secured by the balance in the participant's account whereby 110% of the loan balance is set aside in the TIAA Traditional Annuity as security for the loan. The loans bear interest at a variable rate as determined by the insurance carriers. Loan terms are up to five years, except for loans to fund the purchase of a principal residence, for which the loan may be repaid over a reasonable period that may not exceed ten years. As the loan is repaid, the amount of the security account is reduced by the payment amount. Because TIAA is the lender, a portion of the interest payments are returned to TIAA. At December 31, 2022, interest rates of outstanding loans ranged from 4.22% to 5.78%. The amount held as security for loans was \$25,072 and \$42,341 for the years ended December 31, 2022 and 2021, respectively.

Benefit Payments

Upon termination of employment, including death, disability or retirement, participants may elect a benefit payment in the form of a single sum payment, a qualified joint and survivor annuity payment, or installment. The Plan allows for in-service distributions if a participant reaches age 59½ and hardship distributions, subject to Plan provisions. Effective July 1, 2022, the Plan was amended to add a mandatory distribution provision. If a participant terminates employment and the participant's account balance does not exceed \$5,000, the Plan administrator will authorize the benefit payment without the participant's consent and the benefit payment will be rolled into an individual retirement account in the participant's name.

CARLOW UNIVERSITY DEFINED CONTRIBUTION PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The financial statements of the Plan are prepared on the accrual basis of accounting.

Use of Estimates

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

Investment Valuation and Income Recognition

The Plan's investments are reported at fair value (except for fully benefit-responsive investment contracts, which are reported at contract value). Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date.

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

Payment of Benefits

Benefit payments are recorded when paid.

Administrative Expenses

The Employer pays certain administrative expenses on behalf of the Plan. Investment related fees are included in the net appreciation (depreciation) in fair value of investments.

Subsequent Events

The Plan has evaluated subsequent events through September 8, 2023, the date the financial statements were available to be issued.

NOTE 3 CERTIFICATION OF INVESTMENT INFORMATION

TIAA and CREF, the insurance companies of the Plan, and by TIAA on behalf of TIAA, FSB (collectively, the insurance companies) has supplied the Plan administrator with a certification as to the completeness and accuracy of the notes receivable from participants and related interest income and all investment information reflected on the accompanying statements of net assets available for benefits as of December 31, 2022 and 2021, the statements of changes in net assets available for benefits for the years then ended, and the supplemental schedule of assets (held at end of year) as of December 31, 2022.

CARLOW UNIVERSITY DEFINED CONTRIBUTION PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021

NOTE 4 FAIR VALUE OF INVESTMENTS

The framework for measuring fair value provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy are described as follows:

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

Level 2 – Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly, such as:

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

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

Level 3 – Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

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

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

Sub-Accounts of Variable Annuities: Valued at the net asset value (NAV) of units as determined by the insurance company. NAV is a readily determinable fair value and is the basis for current transactions.

Pooled Separate Accounts: Valued at the NAV of units as determined by the insurance company. NAV is a readily determinable fair value and is the basis for current transactions.

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

CARLOW UNIVERSITY DEFINED CONTRIBUTION PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021

NOTE 4 FAIR VALUE OF INVESTMENTS (CONTINUED)

General Account: Valued at fair value by TIAA and CREF by discounting the related cash flows based on current yields of similar instruments with comparable durations considering the credit worthiness of the issuer.

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

2022				
	Level 1	Level 2	Level 3	Total
Sub-Account of Variable Annuities	\$ -	\$ 16,052,688	\$ -	\$ 16,052,688
Pooled Separate Accounts	-	1,421,279	-	1,421,279
Mutual Funds	17,463,537	-	-	17,463,537
General Account	-	-	12,776,302	12,776,302
Total Investments at Fair Value	<u>\$ 17,463,537</u>	<u>\$ 17,473,967</u>	<u>\$ 12,776,302</u>	<u>\$ 47,713,806</u>

2021				
	Level 1	Level 2	Level 3	Total
Sub-Account of Variable Annuities	\$ -	\$ 24,092,230	\$ -	\$ 24,092,230
Pooled Separate Accounts	-	1,835,340	-	1,835,340
Mutual Funds	19,094,195	-	-	19,094,195
General Account	-	-	12,828,519	12,828,519
Total Investments at Fair Value	<u>\$ 19,094,195</u>	<u>\$ 25,927,570</u>	<u>\$ 12,828,519</u>	<u>\$ 57,850,284</u>

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

	Guaranteed Interest Account	
	2022	2021
Purchases	\$ 883,968	\$ 700,102
Issuances	-	-
Transfers In	-	-
Transfers Out	-	-

The following tables present the Plan's Level 3 financial instruments, the valuation techniques used to measure the fair value of those financial instruments, and the significant unobservable inputs and the ranges of values for those inputs at December 31:

Type	2022 Fair Value	Valuation Technique	Significant Unobservable Inputs	Range
TIAA Traditional Annuity	\$ 12,776,302	Discounted Cash Flow	Risk Adjusted Discount Rate Applied	RA - 3.70% - 6.25% SRA - 3.00% - 5.50% GRA - 3.70% - 6.25% GSRA - 3.00% - 5.50% RC - 3.95% - 6.50% RCP - 3.20% - 5.75%

CARLOW UNIVERSITY DEFINED CONTRIBUTION PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021

NOTE 4 FAIR VALUE OF INVESTMENTS (CONTINUED)

Type	2021 Fair Value	Valuation Technique	Significant Unobservable Inputs	Range
TIAA Traditional Annuity	\$ 12,828,519	Discounted Cash Flow	Risk Adjusted Discount Rate Applied	RA - 3.00% - 3.80% SRA - 3.00% - 3.05% GRA - 3.00% - 3.80% GSRA - 3.00% - 3.05% RC - 2.75% - 3.90% RCP - 2.00% - 3.15%

NOTE 5 GROUP ANNUITY CONTRACTS WITH INSURANCE COMPANY

The Plan invests in the TIAA Traditional Annuity, which is a fixed-dollar annuity investment product offered by TIAA, an insurance company. TIAA and CREF maintains a portion of the contributions in a general account, which is called the Traditional Annuity – Benefit Responsive, a traditional fully benefit-responsive guaranteed investment contract. 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. The crediting rate is based on a formula established by the contract issuer but may not be less than 1%. The crediting rate is reviewed on a quarterly basis for resetting. The guaranteed investment contract does not permit the insurance company to terminate the agreement prior to the scheduled maturity date.

This contract meets the fully benefit-responsive investment contract criteria and therefore is reported at contract value. Contract value is the relevant measure for fully benefit-responsive investment contracts because this is the amount received by participants if they were to initiate permitted transactions under the terms of the plan. Contract value, as reported to the Plan by TIAA and CREF, represent contributions made under the contract, plus earnings, less participant withdrawals, and administrative expenses. Participants may ordinarily direct the withdrawal or transfer of all or a portion of their investment at contract value.

The Plan's ability to receive amounts due under this portion of the contract is dependent on the issuer's ability to meet its financial obligations. The issuer's ability to meet its contractual obligations may be affected by future economic and regulatory developments.

Certain events might limit the ability of the Plan to transact at contract value with the issuers. Such events include (1) amendments to the Plan documents (including complete or partial Plan termination or merger with another plan), (2) changes to the Plan's prohibition on competing investment options or deletion of equity wash provisions, (3) bankruptcy of the Plan Sponsor or other Plan Sponsor events (for example, divestitures or spin-offs of a subsidiary) that cause a significant withdrawal from the Plan, (4) the failure of the trust to qualify for exemption from federal income taxes or any required prohibited transaction exemption under ERISA, or (5) premature termination of the contract. No events are probable of occurring that might limit the ability of the Plan to transact at contract value with the contract issuers and that also would limit the ability of the Plan to transact at contract value with the participants.

CARLOW UNIVERSITY DEFINED CONTRIBUTION PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021

NOTE 5 GROUP ANNUITY CONTRACTS WITH INSURANCE COMPANY (CONTINUED)

In addition, certain events allow the issuer to terminate the contract with the Plan and settle at an amount different from contract value. Such events include (1) an uncured violation of the Plan's investment guidelines, (2) a breach of material obligation under the contract, (3) a material misrepresentation, and (4) a material amendment to the agreement without the consent of the issuer.

As part of the contract, TIAA and CREF also maintains a portion of the contributions in a "guaranteed account," which is called the Traditional Annuity – Non Benefit Responsive. The account is credited with earnings on the underlying investments and charged for withdrawals and administrative expenses charged by TIAA and CREF. The guaranteed account is included in the financial statements at fair value because it is nonfully benefit responsive. The Traditional Annuity is subject to a 10-year withdrawal period. Upon termination of the contract, the amount of each transfer payout annuity payment will be determined as of the annuity starting date for the transfer payout annuity by the amount of the Traditional Annuity accumulation and the interest rates in the rate schedules under which any premiums, additional amounts, and internal transfers were applied to the account divided by the number of remaining payments. The average yield based on annualized earnings and based on the interest rate credited to participants was 4.06% and 3.46% for the years ended December 31, 2022 and 2021, respectively.

NOTE 6 RISKS AND UNCERTAINTIES

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of the 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.

NOTE 7 PLAN TERMINATION

Although there has been no expression of 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.

NOTE 8 PLAN TAX STATUS

The Plan is placing reliance on an opinion letter date August 7, 2017 received from the Internal Revenue Service (IRS) on the volume submitter Plan indicating that the Plan is qualified under Section 401 of the Internal Revenue Code (IRC) and is therefore not subject to tax under current income tax law. The Plan has been amended since receiving the opinion letter. However, the Plan administrator believes that the Plan is designed and is currently being operated, in compliance with the applicable requirements of the IRC and, therefore, believes that the Plan is qualified, and the related trust is tax-exempt.

CARLOW UNIVERSITY DEFINED CONTRIBUTION PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021

NOTE 8 PLAN TAX STATUS (CONTINUED)

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 organization has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no IRS examinations in progress.

NOTE 9 RELATED PARTY TRANSACTIONS

The Plan investments are managed by TIAA and CREF, the insurance companies of the Plan, and by TIAA on behalf of TIAA, FSB (collectively, the insurance companies). Therefore, the investment transactions qualify as party-in-interest transactions. These party-in-interest transactions are exempt from the prohibited transaction rules of ERISA.

CARLOW UNIVERSITY DEFINED CONTRIBUTION PLAN
E.I.N. 25-0965438 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR)
DECEMBER 31, 2022

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor or Similar Party	Description of Investment	Cost**	Current Value
		<u>Pooled Separate Account</u>		
*	TIAA	Real Estate Account		\$ 1,421,279
		<u>Sub-Accounts of Variable Annuity Contracts</u>		
*	CREF	Bond Market Fund		813,862
*	CREF	Equity Index Fund		1,288,002
*	CREF	Global Equities Fund		1,316,057
*	CREF	Growth Fund		1,569,427
*	CREF	Inflation-Linked Bond Fund		683,821
*	CREF	Money Market Fund		135,816
*	CREF	Social Choice Fund		1,286,896
*	CREF	Stock Fund		5,479,937
*	TIAA	Access Core Bond Plus		2,506
*	TIAA	Access Core Bond		239,597
*	TIAA	Access Equity Index		52,794
*	TIAA	Access Growth & Income		11,281
*	TIAA	Access Inflation-Linked Bond		19,559
*	TIAA	Access International Equity		285,224
*	TIAA	Access Large-Cap Growth		22,283
*	TIAA	Access Large-Cap Value		144,286
*	TIAA	Access Lifecycle 2010		79,773
*	TIAA	Access Lifecycle 2020		50,292
*	TIAA	Access Lifecycle 2025		291,616
*	TIAA	Access Lifecycle 2030		298,804
*	TIAA	Access Lifecycle 2035		163,626
*	TIAA	Access Lifecycle 2040		257,174
*	TIAA	Access Lifecycle 2045		341,766
*	TIAA	Access Lifecycle 2050		444,643
*	TIAA	Access Lifecycle 2055		6,755
*	TIAA	Access Lifecycle 2060		6,268
*	TIAA	Access Mid-Cap Growth		69,470
*	TIAA	Access Mid-Cap Value		228,603
*	TIAA	Access Money Market		2,136
*	TIAA	Access Real Estate Securities		133,800
*	TIAA	Access Small-Cap Index		116,669
*	TIAA	Access Small-Cap Equity		144,036
*	TIAA	Access Social Choice Equity		65,909
		Total Sub-Accounts of Variable Annuity Contracts		16,052,688
		<u>Insurance Company General Accounts</u>		
*	TIAA	Traditional Annuity - Non Benefit Responsive		12,776,302
*	TIAA	Traditional Annuity - Benefit Responsive		1,398,267
		Total Insurance Company General Accounts		14,174,569

CARLOW UNIVERSITY DEFINED CONTRIBUTION PLAN
E.I.N. 25-0965438 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
DECEMBER 31, 2022

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor or Similar Party	Description of Investment	Cost**	Current Value
		<u>Mutual Funds</u>		
*	TIAA-CREF	Lifecycle Index 2010 Retirement Fund		\$ 60,515
*	TIAA-CREF	Lifecycle Index 2015 Retirement Fund		938,169
*	TIAA-CREF	Lifecycle Index 2020 Retirement Fund		1,300,294
*	TIAA-CREF	Lifecycle Index 2025 Retirement Fund		1,641,229
*	TIAA-CREF	Lifecycle Index 2030 Retirement Fund		1,595,746
*	TIAA-CREF	Lifecycle Index 2035 Retirement Fund		2,096,687
*	TIAA-CREF	Lifecycle Index 2040 Retirement Fund		1,671,164
*	TIAA-CREF	Lifecycle Index 2045 Retirement Fund		1,471,982
*	TIAA-CREF	Lifecycle Index 2050 Retirement Fund		828,940
*	TIAA-CREF	Lifecycle Index 2055 Retirement Fund		194,213
*	TIAA-CREF	Lifecycle Index 2060 Retirement Fund		131,351
*	TIAA-CREF	Lifecycle Index 2065 Retirement Fund		1,253
	American Century	Mid Cap Value		310,565
	T. Rowe Price	Overseas Stock		535,528
	Columbia	Dividend Income Inst		363,373
	iShares	S&P 500 Index Service		2,141,059
	Columbia	Mid Cap Index Inst		151,815
	Carillon Eagle	Mid Cap Growth Fund		87,862
	Wells Fargo	Special Small Cap Value		100,097
	Columbia	Small Cap Index Instl		197,249
	Janus Henderson	Triton		166,728
	American Funds	New World		156,607
	Western Asset	Core Bond Fund		805,756
	AllianceBernstein	Bond Inflation Strategy Portfolio		63,848
	AllianceBernstein	Large Cap Growth		337,712
	Federated	Inst High Yield Bond		101,627
	PGIM	Global Total Return		12,168
		Total Mutual Funds		<u>17,463,537</u>
*	Participants	Participant Loans		
		Interest Rates from 4.25% to 8.00%	-	<u>87,285</u>
		Total		<u><u>\$ 49,199,358</u></u>

* Indicates party-in-interest

**Cost omitted for participant-directed accounts



CLA (CliftonLarsonAllen LLP) is a network member of CLA Global. See CLAGlobal.com/disclaimer. Investment advisory services are offered through CliftonLarsonAllen Wealth Advisors, LLC, an SEC-registered investment advisor.

Schedule H, Line 4i
Schedule of Assets (Held At End of Year)

Name of Plan:

► Carlow University Defined Contribution Plan

Employer Identification Number: ► 25-0965438

For plan year (beginning/ending): ► 1/1/2022 to 12/31/2022

Plan number: ► 001

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value	(d) Cost	(e) Current value
*	College Retirement Equities Fund variable annuities	TIAA Traditional Benefit Responsive		\$ 1,398,267.31
*	College Retirement Equities Fund variable annuities	TIAA Traditional Non Benefit Responsive		\$ 12,081,763.22
*	College Retirement Equities Fund variable annuities	TIAA Stable Value		\$ 684,417.90
	College Retirement Equities Fund variable annuities	Plan Loan Default Fund		\$ 10,121.13
*	College Retirement Equities Fund variable annuities	CREF Stock R2		\$ 5,479,937.24
*	College Retirement Equities Fund variable annuities	CREF Money Market R2		\$ 135,815.72
*	College Retirement Equities Fund variable annuities	CREF Social Choice R2		\$ 1,286,895.87
*	College Retirement Equities Fund variable annuities	CREF Global Equities R2		\$ 1,316,057.03
*	College Retirement Equities Fund variable annuities	CREF Growth R2		\$ 1,569,427.36
*	College Retirement Equities Fund variable annuities	CREF Equity Index R2		\$ 1,288,002.11
*	College Retirement Equities Fund variable annuities	CREF Inflation-Linked Bond R2		\$ 683,820.60
*	College Retirement Equities Fund variable annuities	TIAA Real Estate		\$ 1,421,279.16
*	College Retirement Equities Fund variable annuities	TIAA Access Core Bond Plus T4		\$ 2,505.57
*	College Retirement Equities Fund variable annuities	TIAA Access Core Bond T4		\$ 239,597.39
*	College Retirement Equities Fund variable annuities	TIAA Access Equity Index T4		\$ 52,794.15
*	College Retirement Equities Fund variable annuities	TIAA Access Growth & Income T4		\$ 11,280.61
*	College Retirement Equities Fund variable annuities	TIAA Access Infl-Lnk'd Bond T4		\$ 19,559.38
*	College Retirement Equities Fund variable annuities	TIAA Access Intl Equity T4		\$ 285,224.15
*	College Retirement Equities Fund variable annuities	TIAA Access Lg-Cap Gr T4		\$ 22,282.65
*	College Retirement Equities Fund variable annuities	TIAA Access Lg-Cap Val T4		\$ 144,285.82
*	College Retirement Equities Fund variable annuities	TIAA Access Lifecycle 2010 T4		\$ 79,772.67
*	College Retirement Equities Fund variable annuities	TIAA Access Lifecycle 2020 T4		\$ 50,292.03
*	College Retirement Equities Fund variable annuities	TIAA Access Lifecycle 2025 T4		\$ 291,615.84
*	College Retirement Equities Fund variable annuities	TIAA Access Lifecycle 2030 T4		\$ 298,803.87
*	College Retirement Equities Fund variable annuities	TIAA Access Lifecycle 2035 T4		\$ 163,626.18
*	College Retirement Equities Fund variable annuities	TIAA Access Lifecycle 2040 T4		\$ 257,173.69
*	College Retirement Equities Fund variable annuities	TIAA Access Lifecycle 2045 T4		\$ 341,765.97
*	College Retirement Equities Fund variable annuities	TIAA Access Lifecycle 2050 T4		\$ 444,643.42
*	College Retirement Equities Fund variable annuities	TIAA Access Mid-Cap Gr T4		\$ 69,470.08
*	College Retirement Equities Fund variable annuities	TIAA Access Mid-Cap Val T4		\$ 228,602.84
*	College Retirement Equities Fund variable annuities	TIAA Access Money Market T4		\$ 2,136.41
*	College Retirement Equities Fund variable annuities	TIAA Access Real Est Secs T4		\$ 133,800.09
*	College Retirement Equities Fund variable annuities	TIAA Access Sm-Cap Bl Idx T4		\$ 116,669.37
*	College Retirement Equities Fund variable annuities	TIAA Access Quant Sml Cp Eq T4		\$ 144,035.59
*	College Retirement Equities Fund variable annuities	TIAA Access Social Ch Eq T4		\$ 65,908.49
*	College Retirement Equities Fund variable annuities	CREF Core Bond R2		\$ 813,862.29
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lfcycle Idx 2010-Rtmt		\$ 60,515.11
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lfcycle Idx 2015-Rtmt		\$ 938,169.20
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lfcycle Idx 2020-Rtmt		\$ 1,300,294.46
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lfcycle Idx 2025-Rtmt		\$ 1,641,229.22
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lfcycle Idx 2030-Rtmt		\$ 1,595,746.57
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lfcycle Idx 2035-Rtmt		\$ 2,096,687.29
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lfcycle Idx 2040-Rtmt		\$ 1,671,163.80
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lfcycle Idx 2045-Rtmt		\$ 1,471,981.73
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lfcycle Idx 2050-Rtmt		\$ 828,939.51
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lfcycle Idx 2055-Rtmt		\$ 194,212.63
	College Retirement Equities Fund variable annuities	Amer Century Mid Cap Value I		\$ 310,564.83
	College Retirement Equities Fund variable annuities	T Rowe Price Overseas Stock		\$ 535,527.59
*	College Retirement Equities Fund variable annuities	TIAA Access Lifecycle 2060 T4		\$ 6,268.35
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lfcycle Idx 2060-Rtmt		\$ 131,351.31
	College Retirement Equities Fund variable annuities	Columbia Dividend Income Inst2		\$ 363,373.10
	College Retirement Equities Fund variable annuities	iShares S&P 500 Idx Service		\$ 2,141,059.20
	College Retirement Equities Fund variable annuities	Columbia Mid Cap Index Inst2		\$ 151,815.03
	College Retirement Equities Fund variable annuities	Carillon Eagle Mid Cap Growth Fund R5		\$ 87,861.65
	College Retirement Equities Fund variable annuities	Allspring Spec SmlCapVal Inst		\$ 100,097.02
	College Retirement Equities Fund variable annuities	Columbia Small Cp Indx Instl 2		\$ 197,248.89
	College Retirement Equities Fund variable annuities	Janus Henderson Triton I		\$ 166,727.96
	College Retirement Equities Fund variable annuities	American Funds New World R5E		\$ 156,606.79
	College Retirement Equities Fund variable annuities	Western Asset Core Bond Fund I		\$ 805,755.95
*	College Retirement Equities Fund variable annuities	TIAA Access Lifecycle 2055 T4		\$ 6,754.58
	College Retirement Equities Fund variable annuities	AB Bond Inflation Strat Port I		\$ 63,847.88
	College Retirement Equities Fund variable annuities	FedHermes Instl Hi Yd Bd Instl		\$ 101,627.23
	College Retirement Equities Fund variable annuities	PGIM Global Total Return Z		\$ 12,167.82
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lfcycle Idx 2065-Rtmt		\$ 1,253.10
	College Retirement Equities Fund variable annuities	AB Large Cap Growth Fund Z		\$ 337,712.23
	College Retirement Equities Fund variable annuities	Participant Loan Fund		\$ 86,475.88
	College Retirement Equities Fund variable annuities	Participant Loan Fund (Deemed Distributed)		\$ 809.25
	Grand Total			\$ 49,199,358