# Financial Statements and Report of Independent Certified Public Accountants

**Field Museum of Natural History** 

December 31, 2017 and 2016

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REPORT OF INDEPENDENT CERTIFIED PUBLIC ACCOUNTANTS

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**Board of Trustees Field Museum of Natural History** 

#### Report on the financial statements

We have audited the accompanying financial statements of the Field Museum of Natural History (the Museum), which comprise the statements of financial position as of December 31, 2017 and 2016, and the related statements of activities and cash flows for the years then ended, and the related notes to the financial statements.

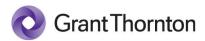
#### Management's responsibility for the financial statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

#### Auditor's responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Museum's preparation and fair presentation of the financial statements 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 Museum's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting



estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

#### Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Field Museum of Natural History as of December 31, 2017 and 2016, and the changes in its net assets and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

#### Other matters

#### Supplementary information

Our audit was conducted for the purpose of forming an opinion on the financial statements as a whole. The schedules of department expenses are presented for purposes of additional analysis and are not a required part of the financial statements. Such supplementary 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 has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures. These additional procedures included comparing and reconciling the 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 auditing standards generally accepted in the United States of America. In our opinion, the supplementary information is fairly stated, in all material respects, in relation to the financial statements as a whole.

Chicago, Illinois

Grant Thousand LLP

May 21, 2018

ASSETS	2017		2016
		<del>-</del>	2010
Cash	\$ 3,190,945	\$	1,777,972
Interest and dividends receivable	239,512		204,883
Accounts receivable	4,752,944		5,967,510
Pledges receivable, net	40,669,283		40,572,399
Inventories	129,294		138,680
Investments	445,707,028	:	388,016,073
Property, net	230,708,348	:	233,875,850
Prepaid expenses	2,982,729		3,478,173
Other assets	3,056,514		3,301,354
Collections	1		1
TOTAL ASSETS	\$ 731,436,598	\$	677,332,89
LIABILITIES AND NET ASSETS	5		
Liabilities			
Accounts payable	\$ 4,135,226	\$	3,111,292
Accrued expenses	4,960,397		4,867,353
Deferred revenue	10,082,573		9,525,803
Accrued pension cost	3,581,359		3,342,629
Interest rate swaps	17,958,772		18,690,954
Notes payable	164,325,427		165,223,585
Total liabilities	205,043,754	:	204,761,61
Net assets			
Unrestricted	248,716,175		233,026,714
Temporarily restricted	116,586,258		86,066,331
Permanently restricted	161,090,411		153,478,23
Total net assets	526,392,844		472,571,27
TOTAL LIABILITIES AND NET ASSETS	\$ 731,436,598	\$	677,332,89

	Unrestricted	Temporarily restricted	Permanently restricted	2017 Total	2016 Total
Revenue and other support	·				
Operating revenues					
Chicago Park District property tax remittances	\$ 5,483,967	\$ -	\$ -	\$ 5,483,967	\$ 5,686,336
Government grants	1,386,791	-	-	1,386,791	1,648,238
Private grants and contracts	269,297	-	-	269,297	757,514
Investment return used in operations	11,995,826	4,308,174	-	16,304,000	15,874,000
Contributions	8,418,124	5,328,452	-	13,746,576	11,791,751
Sponsorships	714,643	-	-	714,643	1,847,743
Memberships	2,230,679	-	-	2,230,679	2,280,716
Admissions	17,708,702	-	-	17,708,702	20,798,071
Program service fees	4,429,460	-	-	4,429,460	4,256,993
Business enterprises	7,406,835	=	=	7,406,835	8,164,221
Other	1,053,255			1,053,255	681,164
Total operating revenues	61,097,579	9,636,626	-	70,734,205	73,786,747
Net assets released from restrictions for operations	9,865,147	(9,865,147)			
Total revenue and other support	70,962,726	(228,521)	-	70,734,205	73,786,747
Operating expenses					
Science and education	19,036,193	-	-	19,036,193	18,735,317
Strategic Science Initiatives	395,194	-		395,194	-
Public programs	9,054,863	-	-	9,054,863	11,212,668
Business enterprises	2,488,981	-	-	2,488,981	2,980,951
Museum outreach	6,909,330	-	-	6,909,330	6,634,082
Museum services	9,735,381	-	-	9,735,381	9,416,865
General and administrative	7,030,159	-	-	7,030,159	6,494,627
Institutional advancement	4,097,543	-	-	4,097,543	4,199,845
Debt service	7,766,381			7,766,381	7,748,774
<b>Total operating expenses</b>	66,514,025			66,514,025	67,423,129
Change in net assets resulting from operating					
revenues and expenses	4,448,701	(228,521)	-	4,220,180	6,363,618
Non-operating items					
Investment return in excess of amounts used in operations	19,688,531	14,691,419	-	34,379,950	3,557,232
Government grants for capital improvements	5,008	-	-	5,008	123,400
Private grants and contracts for capital improvements		-	-	-	53,946
Campaign contributions and major gifts	861,932	18,754,827	7,612,177	27,228,936	16,448,991
Change in fair value of interest rate swaps	732,182	-	-	732,182	2,372,074
Depreciation	(12,237,627)	-	-	(12,237,627)	(12,606,580)
Net assets released from restrictions for		(07.000)			
Change in donor restriction	25,000	(25,000)	-	-	-
Capital improvements	2,672,798	(2,672,798)	-	-	(050 500)
Pension-related changes other than net periodic pension cost	(507,064)	-		(507,064)	(659,588)
Total non-operating items	11,240,760	30,748,448	7,612,177	49,601,385	9,289,475
CHANGES IN NET ASSETS	15,689,461	30,519,927	7,612,177	53,821,565	15,653,093
Net assets at beginning of year	233,026,714	86,066,331	153,478,234	472,571,279	456,918,186
Net assets at end of year	\$ 248,716,175	\$ 116,586,258	\$ 161,090,411	\$ 526,392,844	\$ 472,571,279

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	Unrestricted	Temporarily restricted	Permanently restricted	Total
Revenue and other support				
Operating revenues				
Chicago Park District property tax remittances	\$ 5,686,336	\$ -	\$ -	\$ 5,686,336
Government grants	1,648,238	-	-	1,648,238
Private grants and contracts	757,514	-	-	757,514
Investment return used in operations	11,929,761	3,944,239	-	15,874,000
Contributions	8,079,768	3,711,983	-	11,791,751
Sponsorships	1,847,743	-	-	1,847,743
Memberships	2,280,716	-	-	2,280,716
Admissions	20,798,071	-	-	20,798,071
Program service fees	4,256,993	-	-	4,256,993
Business enterprises	8,164,221	-	-	8,164,221
Other	681,164	-		681,164
<b>Total operating revenues</b>	66,130,525	7,656,222	-	73,786,747
Net assets released from restrictions for operations	9,246,327	(9,246,327)		
Total revenue and other support	75,376,852	(1,590,105)	-	73,786,747
Operating expenses				
Science and education	18,735,317	-	-	18,735,317
Public programs	11,212,668	-	-	11,212,668
Business enterprises	2,980,951	-	-	2,980,951
Museum outreach	6,634,082	-	-	6,634,082
Museum services	9,416,865	-	-	9,416,865
General and administrative	6,494,627	-	-	6,494,627
Institutional advancement	4,199,845	-	-	4,199,845
Debt service	7,748,774			7,748,774
Total operating expenses	67,423,129			67,423,129
Change in net assets resulting from operating				
revenues and expenses	7,953,723	(1,590,105)	-	6,363,618
Non-operating items				
Investment return in excess of amounts used in operations	55,653	3,501,579	-	3,557,232
Government grants for capital improvements	123,400	-	-	123,400
Private grants and contracts for capital improvements	53,946	-	-	53,946
Campaign contributions and major gifts	474,141	5,861,178	10,113,672	16,448,991
Change in fair value of interest rate swaps	2,372,074	-	-	2,372,074
Depreciation	(12,606,580)	-	-	(12,606,580)
Net assets released from restrictions for				
Investment return for endowment spending	1,902,498	(1,902,498)	-	-
Capital improvements	2,368,152	(2,368,152)	-	-
Pension-related changes other than net periodic pension cost	(659,588)			(659,588)
Total non-operating items	(5,916,304)	5,092,107	10,113,672	9,289,475
CHANGES IN NET ASSETS	2,037,419	3,502,002	10,113,672	15,653,093
Net assets at beginning of year	230,989,295	82,564,329	143,364,562	456,918,186
Net assets at end of year	\$ 233,026,714	\$ 86,066,331	\$ 153,478,234	\$ 472,571,279

	2017	2016
Cash flows from operating activities		
Cash flows from operating activities Changes in net assets	¢ 52 991 565	¢ 15 652 002
Adjustments to reconcile changes in net assets to net cash	\$ 53,821,565	\$ 15,653,093
provided by operating activities		
Depreciation	12,237,627	12,606,580
Net realized/unrealized appreciation on investments	(46,416,243)	(14,791,978)
Change in fair value of interest rate swap liabilities	(732,182)	(2,372,074)
Loss on disposal of Museum property	389,297	(2,012,011)
Contributions permanently restricted for endowment	(7,612,177)	(10,113,672)
Changes in operating assets and liabilities	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(10,110,072)
Interest and dividends receivable	(34,629)	152,706
Accounts receivable	1,214,566	(784,827)
Pledges receivable	(10,195,468)	2,856,834
Museum inventories	9,386	(4,659)
Other assets and prepaid expense	740,284	2,473,491
Amortization of deferred bond premium	51,842	51,842
Accounts payable	436,053	(401,928)
Accrued expenses	93,044	933,837
Deferred revenue	556,770	(1,004,705)
Accrued pension cost	238,730	329,328
Net cash provided by operating activities	4,798,465	5,583,868
Cash flows from investing activities		
Purchases of investments	(105,458,173)	(72, 327, 962)
Proceeds from sales of investments	94,183,461	56,368,741
Purchases of Museum property	(8,871,542)	(4,038,904)
Net cash used in investing activities	(20,146,254)	(19,998,125)
Cash flows from financing activities		
Repayment of bonds	(950,000)	(300,000)
Contributions permanently restricted for endowment	17,710,762	17,600,812
Borrowings under line of credit	-	2,500,000
Repayment of line-of-credit borrowings	<del>-</del>	(4,300,000)
Net cash provided by financing activities	16,760,762	15,500,812
NET CHANGE IN CASH	1,412,972	1,086,555
Cash, beginning of year	1,777,972	691,417
Cash, end of year	\$ 3,190,944	\$ 1,777,972
Supplemental disclosures of cash flow information		
Interest paid	\$ 7,599,874	\$ 7,554,452
Income taxes paid	371,382	284,051
Accounts payable for construction in progress	713,129	125,248
recounts payable for combitation in progress	110,120	120,210

#### **NOTE 1 - BASIS OF PRESENTATION**

The Field Museum of Natural History (the Museum) is a private institution providing collection-based research, science action, exhibits and public education. The Museum focuses on diversity in the world's physical environments and cultures. The Museum's collections amount to more than 30 million natural objects and man-made artifacts spanning the Museum's four disciplines - Anthropology, Botany, Geology and Zoology.

The financial statements of the Museum have been prepared on the accrual basis of accounting. To ensure observance of limitations and restrictions placed on the use of resources available to the Museum, the accounts of the Museum are maintained in accordance with the principles of fund accounting. Separate accounts are maintained for each fund; however, in the accompanying financial statements, funds that have similar characteristics have been combined into the same net asset categories. Accordingly, all financial transactions have been recorded by fund and reported by category.

The Museum classifies all business operations as revenues and expenses in the statement of activities, except non-operating items. Operating expenses are classified by administrative areas that reflect Museum operations. Non-operating items include government and private grants for capital improvement reimbursements, the excess of investment earnings under the total return concept (see Note 2), campaign and major gift activity, depreciation, the change in fair value of interest rate swaps, gains on extinguishment of assets, other revenue and pension-related changes other than net periodic pension cost, as these funds are not available for operating purposes. For purposes of functional expenses, the Museum considers depreciation to be program costs, except for the 2% that is allocated as support services.

Net assets released from restrictions pledged to the capital campaign, for capital improvements, and investment return for endowment spending, as well as net assets with a change in donor restrictions and net assets, are classified as non-operating items.

Net Assets - Unrestricted net assets include the current operating, management designated, unrestricted long-term investment and property accounts. The current operating accounts consist of revenues available for support of Museum operations and the related expenses, along with related assets and liabilities. The management-designated accounts include assets that have been designated by the Board of Trustees (the Board) or Museum administration for special projects and the changes in net assets related thereto. Unrestricted long-term investment accounts include assets that have been designated by the Board to function as endowments and the related changes in net assets. Property accounts include (a) the building, building improvements, equipment and exhibits, as well as the depreciation thereto, (b) accounts pertaining to Chicago Park District capital improvement reimbursements and (c) accounts related to the Museum's notes payable to the Illinois Finance Authority (see Note 7).

Temporarily restricted net assets consist of contributions and investment income that have been restricted by donors for specified purposes or the existence of time restrictions on gifts. When restrictions have been met, such net assets are reported as net assets released from restrictions. Temporarily restricted net assets are principally restricted for programs and time (see Note 13).

Permanently restricted net assets include assets whose use by the Museum is limited by donor-imposed stipulations that neither expire by passage of time nor can be fulfilled or otherwise removed by actions of the Museum. The earnings of permanently restricted net assets are principally restricted for programs and operational support.

#### NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Use of Estimates - The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America (U.S. GAAP) requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

**Cash** - Cash reflects currency and deposits in checking accounts with a financial institution that may be deposited or withdrawn without restriction or penalty. The Museum maintains cash accounts in excess of the Federal Deposit Insurance Corporation limits. The Museum believes it is not exposed to significant credit risk on cash.

**Inventories** - Inventories related to the Museum's special event activities are stated at the lower of average cost or market.

Investments - Investments are reported at fair value. Equity securities with readily determinable fair values and debt securities are valued at the last sales price (if quotations are readily available) or at the closing bid price in the principal market in which such securities are normally traded (if no sales price is available). Certain fixed-income securities funds are valued based on dealer-supplied valuations. The investment in limited partnerships is stated at fair value based on the Museum's share of either the appraised value of the partnerships or the value of its capital ownership percentage as of the date of the gift. The fair value would be adjusted, as appropriate, if information becomes available suggesting an alternate estimated fair value. The Museum has one limited partnership investment that is reported at cost using its appraised value as of the gift date. The Museum does not have significant influence over this limited partnership and is unable to determine its fair value. The Museum does not believe this investment is impaired as it receives annual dividends from this investment, which are included as a part of investment return.

The estimated fair values of investments that do not have readily determinable fair values are based on either the net asset value (NAV) per share, or its equivalent such as percentage of capital, or on estimates provided by external investment managers as of the reporting date. These fair values are examined through a valuation review process performed by management. A range of possible values exists for these securities and; therefore, the estimated values may differ from the values that would have been used had a ready market for these securities existed (see Note 3).

**Investment Income** - The Museum utilizes the total return concept for operations to allocate investment income earned on permanently restricted, temporarily restricted and unrestricted long-term investments. The Board has approved a spending policy at a rate of 4.75% on a three-year moving average, which resulted in a spending amount of \$16,304,000 in 2017 and \$15,874,000 in 2016. This is first satisfied from interest and dividend income, and the remaining balance is provided from accumulated realized capital gains.

Investment income is recorded based on the existence or absence of donor-imposed restrictions, as follows:

- a. Investment income on donor-restricted endowment funds is recorded as temporarily restricted based on state law, donor-imposed restrictions or time restrictions.
- b. Investment income on Board-designated funds is recorded as unrestricted.
- c. Investment income on other unrestricted investments is recorded as unrestricted.

d. Investment income on other temporarily restricted investments is recorded as unrestricted, unless specified by the donor.

Endowment Funds - Endowment funds are recorded in accordance with the Illinois approved Uniform Prudent Management of Institutional Funds Act (UPMIFA). The Board interprets UPMIFA as requiring that the "historic value" (corpus) of the original donor-restricted endowment gift be preserved as of the gift date unless there are explicit donor stipulations to the contrary. Therefore, the Museum classifies as permanently restricted net assets the original value of gifts donated to its permanent endowment, the original value of subsequent gifts, and accumulations to its permanent endowment made in accordance with the applicable donor gift instrument at the time the accumulation is added to the fund. The remaining portion of the donor-restricted endowment fund earnings that is not classified in permanently restricted net assets is classified as temporarily restricted net assets until any donor-imposed restrictions have been satisfied, and those amounts are appropriated for expenditure by the Board in a manner consistent with UPMIFA's standard of prudence. In accordance with UPMIFA, the Museum considers the following factors in making a determination to appropriate or accumulate endowment funds:

- The duration and preservation of the fund.
- The mission of the Museum and the purposes of its donor-restricted endowment funds.
- General economic conditions.
- The possible effect of inflation and deflation.
- The expected total return from income and appreciation of investments.
- Other resources of the Museum.
- The investment policy of the Museum.

Net losses that reduce donor-restricted endowments below the amount to be held in perpetuity are recorded as unrestricted (see Note 4).

**Derivative Financial Instruments** - The Museum uses interest rate swaps to hedge overall exposure to variable-rate debt. The swap agreements are not designated as a hedge for accounting purposes and are recorded at fair value.

**Property** - Museum property over \$5,000 is stated at cost and is depreciated on a straight-line basis over estimated useful lives, which range between five and 40 years. Interest on borrowings used to fund capital projects is capitalized and amortized over the life of the asset. Maintenance and repair costs are charged to expense as incurred and betterments are capitalized. Cost and the related accumulated depreciation are eliminated from the accounts when an asset is retired.

**Deferred Revenue and Charges** - The Museum recognizes revenue and expenses of programs and auxiliary activities during the period in which the activity is conducted.

Issuance costs associated with long-term notes payable are deferred and amortized ratably over the life of the related notes. Issuance costs are netted against notes payable.

Collections - The Museum's collections are comprised of objects of historical, cultural or scientific significance that are held for educational, research, scientific and curatorial purposes. Each of the items is cataloged, preserved and cared for, and activities verifying its existence and assessing its condition are performed continuously. The collections are subject to a policy that requires proceeds from sales of collection items to be deposited in the endowment, with earnings to be used to acquire other items for collections or provide for the direct care of existing collections.

In accordance with the practice generally followed by museums, the value of objects in the collections is excluded from the financial statements; collections are reflected in the accompanying statements of financial position at a nominal value of \$1. Such collections have been acquired through purchases and contributions since the Museum's inception. Purchases of collection items are recorded as decreases in unrestricted net assets in the year in which the items are acquired, or as decreases in temporarily restricted net assets if the assets used to purchase the items are restricted by donors. Contributed collection items are not reflected in the financial statements. Proceeds from deaccessions or insurance recoveries are reflected as increases in unrestricted net assets. There were no sales of collection items in 2017 or 2016.

Contributions and Memberships - Contributions and memberships are recognized as revenue upon the earlier of the receipt of a donor's unconditional written pledge to contribute or upon receipt of the contribution and the membership dues. Contributions of securities are recorded at their estimated fair value at the date of donation. Contributions are classified based on the existence or absence of donor-imposed restrictions. Contributions to be received after one year are discounted at an appropriate discount rate commensurate with the risks involved and the expected period of payment. The discount on those amounts is computed using risk-adjusted interest rates applicable to the years in which the promises are received. Amortization of discounts (if any) is included in contributions in the statements of activities. An allowance is recorded for estimated uncollectible pledges based on management's judgment and analysis, past collection experience and other relevant factors. The Museum writes-off pledges when they are deemed uncollectible.

Contributed Goods and Services - The Museum records various types of in-kind support, including professional services, equipment and supplies, as contribution revenue. Contributed professional services are recognized if the services received (a) create or enhance long-lived assets or (b) require specialized skills, are provided by individuals possessing those skills, and would typically need to be purchased if not provided by donation. Contributions of tangible assets are recognized at fair value when received if they are used. In-kind support is reflected in the accompanying financial statements as contribution revenue and totaled \$172,975 in 2017 and \$133,988 in 2016. This revenue is offset by like amounts included in expenses or assets.

A substantial number of unpaid volunteers have made significant contributions of their time in furtherance of the Museum's programs. Such services do not meet the criteria for recognition as contributions, as described above, and, therefore, their value is not reflected in the accompanying financial statements.

**Chicago Property Tax Revenues** - The Museum receives support from property taxes that are collected by the Chicago Park District. These tax revenues are accrued to match the fiscal year allocation by the Chicago Park District.

**Grants and Contracts** - Grants and contracts for programs are recognized as unrestricted revenue when the corresponding expenses have been incurred for allowable purposes consistent with the terms of the respective agreements to which they pertain.

**Program Service Fees** - Program service fees include revenues from education programs, traveling exhibit rental fees, traveling exhibit licensing fees and research fees. The fees from education programs and research

are accrued to match the dates of the programs. The revenues from traveling exhibits are accrued to match the term of the rental and licensing agreements.

**Income Taxes** - The Museum is exempt from income taxation under the provisions of Section 501(c)(3) of the Internal Revenue Code and a comparable state of Illinois statute. Management believes there are no material uncertain tax positions that require recognition in the accompanying financial statements.

The Museum has a policy to record interest and penalties (if any) related to income tax matters in income tax expense. The Museum has determined that its tax positions satisfy the more-likely-than-not criterion. For the years ended December 31, 2017 and 2016, no interest and penalties were recorded.

**Financial Instruments** - The Museum's financial instruments include cash, interest and dividends receivable, accounts receivable, pledges receivable, investments, accounts payable, notes payable, pension assets and interest rate swaps. The fair values of pension assets are based on market quotes as of the reporting date. Other than the Museum's investment in a limited partnership multi-family portfolio, investments are reported at fair value based on market quotes as of the reporting date. The fair value of the interest rate swaps is obtained from a third party as of the measurement date.

The investment in the limited partnership multi-family portfolio is stated at its appraised value as of the date of the donation and will be adjusted if information becomes available to support a different value.

Fair value is defined as the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants. There is a three-tiered value hierarchy that distinguishes between assumptions based on market data (observable inputs) and the Museum's assumptions (unobservable inputs). Fair value measurements are classified under the following hierarchy:

- Level 1 refers to instruments with quoted prices in an active market.
- Level 2 refers to instruments not traded on an active market but for which observable market inputs are readily available.
- Level 3 refers to instruments not traded in an active market and for which no significant observable market inputs are available.

**Institutional Advancement** - Institutional advancement consists of expenses related to fund-raising activities. Fund-raising expenses totaled \$4,097,543 and \$4,199,845 in 2017 and 2016, respectively.

**Business Enterprises** - Business enterprises consist of revenues and expenses of the stores, specials events, food services and group sales.

**Functional Allocation of Expenses** - The costs of providing Museum programs and administration have been summarized on a functional basis in Note 11.

**Pension Plan** - The Museum recognizes the overfunded or underfunded status of its defined benefit pension plan (the Plan) as an asset or liability in its statements of financial position (see Note 8).

Accounting Pronouncements - In May 2014, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) No. 2014-09, *Revenue from Contracts with Customers*, which supersedes most of the current revenue recognition requirements. The underlying principle is that an entity will recognize revenue to depict the transfer of goods or services to customers at an amount that the entity expects to be entitled to in exchange for those goods or services. The guidance provides a five-step analysis of transactions to determine when and how revenue is recognized. Other major provisions include capitalization of certain contract costs, consideration of time value of money in the transaction price, and allowing estimates of variable consideration to be recognized before contingencies are resolved in certain circumstances. The guidance also requires enhanced disclosures regarding the nature, amount, timing and uncertainty of revenue and cash flows arising from an entity's contracts with customers. The guidance will be effective for the Museum for 2018 (early adoption is permitted). The guidance permits the use of either a retrospective or cumulative effect transition method.

In April 2015, the FASB issued ASU No. 2015-03, *Simplifying the Presentation of Debt Interest Costs*. The amendments in this update require that debt issuance costs related to a recognized debt liability be presented in the statement of position as a direct deduction from the carrying amount of that debt liability, consistent with debt discounts. The Museum adopted the standard in 2016, with retrospective application.

In February 2016, the FASB issued ASU No. 2016-02, *Leases (Topic 842)*. The underlying principle of ASU No. 2016-02 is that lessees should be required to recognize the assets and liabilities arising from leases on the statement of financial position. The guidance requires a lessee to recognize a liability to make lease payments (the lease liability) and a right-of-use asset representing its right to use the underlying asset for the lease term. The recognition, measurement, and presentation of expenses and cash flows arising from a lease by a lessee have not significantly changed from previous U.S. GAAP. There continues to be a differentiation between finance leases and operating leases. However, the principal difference from previous guidance is that the lease assets and lease liabilities arising from operating leases should be recognized in the statement of financial position. The guidance will be effective for the Museum for 2019 and early adoption is permitted for all entities. Lessees and lessors are required to recognize and measure leases at the beginning of the earliest period presented using a modified retrospective approach.

In August 2016, the FASB issued ASU No. 2016-14, *Presentation of Financial Statements of Not-for-Profit Entities*, which is intended to improve how a not-for-profit entity classifies its net assets, as well as the information it presents in its financial statements about its liquidity and availability of resources, expenses and investment return, and cash flows. The guidance also requires presentation of expenses by both their natural and functional classification in a single location in the financial statements. This ASU is effective for the Museum for 2018. Early adoption is permitted.

#### **NOTE 3 - INVESTMENTS**

Under the Museum's articles of incorporation and its bylaws, the Investment Committee of the Board has overall responsibility for the establishment of policies and general governance related to investments of the Museum. The Investment Committee reports to the Board and is responsible for recommending, reviewing and monitoring policies, and programs affecting the finances of the Museum.

Investments at December 31, 2017 and 2016, consist of the following:

	2017	2016
Money market funds	\$ 44,620,031	\$ 56,555,127
Equity securities	223,355,670	174,639,900
Fixed-income securities funds	47,048,940	35,859,498
Hedged equity funds	48,125,666	44,035,798
Absolute return funds	80,786,980	75,131,703
Other funds	9,741	34,047
Limited partnerships	1,760,000	1,760,000
Total	\$ <u>445,707,028</u>	\$ <u>388,016,073</u>

Following is a summary of the investment return and its classification for the years ended December 31, 2017 and 2016, in the statements of activities:

	2017				
	Unrestricted	Temporarily unrestricted	Permanently restricted	Total	
Interest and dividends	\$ 4,240,273	\$ 1,017,445	\$ -	\$ 5,257,718	
Net realized gains	21,174,845	16,205,546	-	37,830,391	
Change in net unrealized gain	5,314,732	3,721,120	-	9,035,852	
Investment manager fees	(990,011)	-	-	(990,011)	
Release for unrestricted endowment spending	1,944,518	(1,944,518)		<del>_</del>	
Total return reported in the statement of activities	\$ <u>31,864,357</u>	\$ <u>18,999,593</u>	\$ <u> </u>	\$ <u>50,683,950</u>	
Classified as follows: Operating revenues	\$11,995,826	\$ 4,308,174	\$ -	\$16,304,000	
Non-operating items	<u>19,688,531</u>	14,691,419	<del>-</del>	34,379,950	
Total	\$ <u>31,864,357</u>	\$ <u>18,999,593</u>	\$ <u>    -</u>	\$ <u>50,683,950</u>	

	2016				
	Unrestricted	Temporarily unrestricted	Permanently restricted	Total	
Interest and dividends Net realized gains Change in net unrealized gain Investment manager fees Release for unrestricted endowment spending	\$ 4,209,688 6,442,122 2,380,210 (1,046,606) 	\$ 1,476,172 4,465,498 1,504,148 - (1,902,498)	\$ - - - -	\$ 5,685,860 10,907,620 3,884,358 (1,046,606)	
Total return reported in the statement of activities	\$ <u>13,887,912</u>	\$ <u>5,543,320</u>	\$ <u> </u>	\$ <u>19,431,232</u>	
Classified as follows: Operating revenues Non-operating items	\$11,929,761 	\$ 3,944,239 	\$ - 	\$15,874,000 3,557,232	
Total	\$ <u>13,887,912</u>	\$ <u>5,543,320</u>	\$ <u> </u>	\$ <u>19,431,232</u>	

The following tables summarize assets and liabilities measured at fair value on a recurring basis at December 31, 2017 and 2016:

			2017		
Assets	Quoted prices in active markets for identical assets  Level 1	Significant other observable inputs Level 2	Significant other observable inputs Level 3	Investments measured at NAV	Total
Money market funds Equity security funds Fixed-income securities funds Hedged equity funds Absolute return funds Other funds  Total investments, fair value  Limited partnership, cost  Total investments	\$ 44,620,031 104,322,787 46,929,152	\$ - - - - - - - - - - - -	\$ - - - - - - - - - - - - - - - - - - -	\$ 119,032,883 119,788 48,125,666 80,786,980 9,741  \$\frac{248,075,058}{248,075,058}	\$ 44,620,031 223,355,670 47,048,940 48,125,666 80,786,980 9,741 443,947,028 1,760,000 \$445,707,028
Liabilities					
Interest rate swaps	\$ <u> </u>	\$ <u>17,958,772</u>	\$ <u> </u>	\$	\$ <u>17,958,772</u>
Total	\$ <u> </u>	\$ <u>17,958,772</u>	\$ <u> </u>	\$ <u> </u>	\$ <u>17,958,772</u>

			2016		
	Quoted prices in active markets for identical assets	Significant other observable inputs	Significant other observable inputs	Investments measured at	
Assets	Level 1	Level 2	Level 3	NAV	Total
Money market funds Equity security funds Fixed-income securities funds Hedged equity funds Absolute return funds Other funds Total investments, fair	\$ 56,555,127 71,169,434 29,802,702	\$ - - - - - -	\$ - - - - -	\$ 103,470,466 6,056,796 44,035,798 75,131,703 34,047	\$ 56,555,127 174,639,900 35,859,498 44,035,798 75,131,703 34,047
value	\$ <u>157,527,263</u>	\$ <u> </u>	\$ <u> </u>	\$ <u>228,728,810</u>	386,256,073
Limited partnership, cost  Total investments					
Total myostmonts					4 <u>000,010,070</u>
Liabilities					
Interest rate swaps	\$	<u>\$ 18,690,954</u>	\$ <u> </u>	\$ <u> </u>	\$ <u>18,690,954</u>
Total	\$ <u> </u>	\$ <u>18,690,954</u>	\$ <u> </u>	\$ <u> </u>	\$ <u>18,690,954</u>

These levels are evaluated on an annual basis, and transfers between levels are recognized as of the end of each fiscal year. For the years ended December 31, 2017 and 2016, there were no transfers in or out of Level 1, Level 2 or Level 3.

The following tables disclose additional information about investments recorded at NAV or its equivalent, such as percentage of capital, at December 31, 2017 and 2016:

	2017					
	Fair value	Unfunded commitments	Redemption frequency limitations	Redemption notice period		
Equity securities funds (a)	\$119,032,883	\$ -	Monthly and Quarterly	0-60 days		
Fixed-income securities funds (b)	119,788	-	Quarterly	60 days		
Hedged equity funds (c)	48,125,666	-	Quarterly- Annually	45-80 days		
Absolute return funds(d)	80,786,980	9,337	Quarterly- Annually	45-120 days		
Other funds (e)	9,741	<del>-</del> _	None	0 days		
Total investments recorded at NAV	\$ <u>248,075,058</u>	\$ <u>9,337</u>				
		201	.6			
	Fair value	Unfunded commitments	Redemption frequency limitations	Redemption notice period		
Equity securities funds (a)	\$103,470,466	\$ -	Monthly and Quarterly	0-60 days		
Fixed-income securities funds (b)	6,056,796	-	Quarterly	60 days		
Hedged equity funds (c)	44,035,798	-	Quarterly- Annually	45-80 days		
Absolute return funds(d)	75,131,703	39,262	Quarterly- Annually	45-120 days		
Other funds (e)	34,047	<u>46,906</u>	None	0 days		
Total investments recorded at NAV	\$ <u>228,728,810</u>	\$ <u>86,168</u>				

- (a) This category includes investments in equity securities funds primarily consisting of common stocks, real estate investment trusts, limited partnerships, bonds and depositary receipts that have readily available price data. The NAV or its equivalent, such as percentage of capital, of the funds is determined using the fair value of the underlying securities. These funds have no future capital calls. Some of the funds have redemption frequency limitations, and some do have a redemption notice period. Less than 1 % of these assets are in the process of being redeemed as of December 31, 2017.
- (b) This category includes investments in fixed-income securities funds primarily consisting of treasury asset swap agreements and interest rate swap agreements. The NAV of the funds is determined using the fair value of the underlying securities. This category of fund has no future capital calls, but does have a redemption limitation and redemption notice period. The Museum has a limitation on the amount it can withdraw in an annual period. The Museum is in the process of redeeming this asset as of December 31, 2017.

- (c) This category includes investments in several hedge funds that invest both long and short term, primarily in global equities with an emphasis on the United States and Europe. Management of the hedge funds has the ability to shift investments from value to growth strategies, from small to large capitalization stakes, and from a net long position to a net short position. The fair values of the investments in this category have been estimated using the NAV per share of the investments or its equivalent, such as percentage of capital. The funds have redemption frequency limitations and have a redemption notice period, and less than 1% of the hedged equity funds are in redemption as of December 31, 2017.
- (d) This category includes several multi-strategy absolute return investments focused on analyzing the probability-adjusted returns of individual securities and assets and capturing the alpha in mispriced assets/securities across conventional and alternative financial strategies. Management initiates long and short positions in various corporate and sovereign securities, debt, currencies and derivatives targeting solid absolute risk-adjusted returns. The fair values of the investments in this category have been estimated using the NAV per share of the investments or its equivalent, such as percentage of capital. The funds can be redeemed on an annual basis at various redemption dates and have a redemption notice period, and approximately 22% of the absolute return funds are in redemption as of December 31, 2017.
- (e) This category includes investments in opportunistic instruments like derivatives, mortgage loans and real estate. The NAV equivalent of the funds (percentage of capital) is determined using the fair value of the underlying instruments. The investment term of the partnership shall continue until 2018 and may be extended annually thereafter or until the partnership is dissolved.

All investments stated at NAV and described above, include terms and conditions, including liquidity provisions, which are different for each fund. The Museum believes that the carrying amount of its investments stated at NAV or its equivalent, such as percentage of capital, is a reasonable estimate of the fair value of such investments as of December 31, 2017 and 2016. As is typical of investment portfolios of similar types of institutions, investments stated at NAV or its equivalent, such as percentage of capital, are not readily marketable and their estimated value is subject to uncertainty and, therefore, may differ from the value that would have been used had a ready market for such investments existed.

#### **NOTE 4 - ENDOWMENT**

The Museum's endowment is comprised of both donor-restricted endowment funds and funds designated by the Board to function as endowments. Net assets associated with endowment funds, including funds designated by the Board to function as endowments, are classified and reported based on the existence or absence of donor-imposed restrictions and time restrictions. The Board has pooled certain temporarily restricted funds (without donor-specified restrictions on the earnings of such funds) to be included in the Board-designated endowment balances shown in the following tables until such time as the net assets are used for their intended donor-stipulated purposes.

**Funds with Deficiencies** - The fair value of assets associated with individual donor-restricted endowment funds may fall below the level the donor requires the Museum to retain as a fund of perpetual duration. At December 31, 2017, there were no deficiencies of this nature. At December 2016, deficiencies of this nature totaled \$94,563 and were reported within unrestricted net assets. These deficiencies resulted from extraordinary market conditions. Management has deemed it prudent to spend from these funds with the expectation that future earnings will offset these deficiencies.

Endowment net asset composition by type of fund is as follows as of December 31, 2017 and 2016:

		2017				
	Unrestricted	Temporarily unrestricted	Permanently restricted	Total		
Donor-restricted endowment funds Board-designated endowment funds	\$ - <u>217,781,229</u>	\$55,593,502 13,587,541	\$134,691,789	\$190,285,291 231,368,770		
Total	\$ <u>217,781,229</u>	\$ <u>69,181,043</u>	\$ <u>134,691,789</u>	\$ <u>421,654,061</u>		
		2016				
	Unrestricted	Temporarily unrestricted	Permanently restricted	Total		
Donor-restricted endowment funds Board-designated endowment funds	\$ (94,563) 198,172,658	\$40,902,083 13,521,514	\$116,981,027	\$157,788,547 211,694,172		
Total	\$198,078,09 <u>5</u>	\$54,423,597	116,981,027	\$369,482,719		

# During 2017, the Museum had the following endowment-related cash activities:

	Unrestricted	Temporarily unrestricted	Permanently restricted	Total
Endowment net assets, beginning of year	\$198,078,095	\$54,423,597	\$116,981,027	\$369,482,719
Investment return				
Investment income	1,328,385	1,017,445		2,345,830
Net realized and unrealized appreciation	26,438,472	19,926,666		46,365,138
Total investment return	27,766,857	20,944,111	-	48,710,968
Additions  New cash gifts and pledge payments	259,206	66,027	17,710,762	18,035,995
Appropriation of endowment Assets for expenditure	11,995,826	4,308,174	-	16,304,000
Net assets released for time transfers From Board-approved spending	1,944,518	1,944,518	-	-
Transfers to Board-designated Endowment funds	1,728,379	<u> </u>		1,728,379
Endowment net assets, End of year	\$ <u>217,781,229</u>	\$ <u>69,181,043</u>	\$ <u>134,691,789</u>	\$ <u>421,654,061</u>

During 2016, the Museum had the following endowment-related cash activities:

	Unrestricted	Temporarily unrestricted	Permanently restricted	Total
Endowment net assets, beginning of year	\$194,129,733	\$52,728,338	\$ 99,380,215	\$346,238,286
Investment return				
Investment income	1,933,833	1,476,172	-	3,410,005
Net realized and unrealized appreciation	8,955,174	5,969,646		14,924,820
Total investment return	10,889,007	7,445,818	-	18,334,825
Additions new cash gifts and pledge payments	219,296	96,178	17,600,812	17,916,286
Appropriation of endowment assets for expenditure	(11,929,761)	(3,944,239)	-	(15,874,000)
Net assets released for time transfers from Board approved spending	1,902,498	(1,902,498)	-	-
Transfers to Board-designated endowment funds	2,867,322			2,867,322
Endowment net assets, end of year	\$ <u>198,078,095</u>	\$ <u>54,423,597</u>	\$ <u>116,981,027</u>	\$ <u>369,482,719</u>

The endowment-related cash activities table above represents the endowment pool on a cash basis, consistent with the manner in which management and the Board manage and evaluate the endowment. A portion of the Museum's pledges are permanently restricted and, when received, the payments will be reflected as new cash gifts and pledge payments.

### **NOTE 5 - MUSEUM PROPERTY, NET**

Museum property at December 31, 2017 and 2016, consists of the following:

	2017	2016
Building and building improvements Exhibit hall improvements	\$ 315,127,812	\$ 309,347,408
(excluding artifacts and historical treasures)	103,446,810	103,907,464
Research and office equipment	27,999,315	<u>26,636,263</u>
Total property and equipment	446,573,937	439,891,135
Less accumulated depreciation	(218,626,411)	(206,588,218)
Net depreciable property and equipment	227,947,526	233,302,917
Construction in progress	2,760,822	572,933
Net property and equipment	\$ <u>230,708,348</u>	\$ <u>233,875,850</u>

At December 31, 2017 and 2016, the Museum has \$4,023,179 and \$4,169,477 of net capitalized interest included in Museum property, respectively.

The Museum operates on land owned by the Chicago Park District, which is made available to the Museum at no charge. The value of this arrangement is not readily determinable and, accordingly, is not reflected in the accompanying financial statements.

It will cost approximately \$5,568,700 to complete the Museum's construction in progress as of December 31, 2017.

The Museum completed changes to its fire suppression systems, resulting in the Museum being fully covered by 2017.

#### **NOTE 6 - PLEDGES RECEIVABLE**

Unconditional promises to give are included in the financial statements as pledges and revenue of the appropriate net asset category. Pledges are recorded after discounting to the present value the expected future cash flows using discount rates ranging between 0.76% and 1.91%. Pledges receivable were as follows as of December 31, 2017 and 2016:

	2017	2016
Due within one year Due between two to five years	\$16,035,499 25,365,037	\$13,728,260 28,624,731
Due after five years	1,166,670	
Less	42,567,206	42,352,991
Allowance for uncollectible accounts Present value discount	(327,767) _(1,570,156)	(315,179) (1,465,413)
Net pledges receivable	\$ <u>40,669,283</u>	\$ <u>40,572,399</u>

# **NOTE 7 - NOTES PAYABLE**

Notes payable at December 31, 2017 and 2016, consist of the following amounts due to the Illinois Finance Authority, which issued bonds on the Museum's behalf:

			2017	
	Original principal	Principal paid in 2017	Principal outstanding December 31, 2017	Maturity date
Series 2015 A Series 2015 B Series 2015 C Series 2002	\$ 30,000,000 29,000,000 29,500,000 90,000,000	\$700,000 250,000 - 	\$ 29,000,000 28,750,000 29,500,000 78,000,000	November 1, 2025 November 1, 2034 November 1, 2034 November 1, 2036
Total	\$ <u>178,500,000</u>	\$ <u>950,000</u>	165,250,000	
Bond issuance costs			(924,573)	
Net notes payable			\$ <u>164,325,427</u>	

			2016	
	Original principal	Principal paid in 2016	Principal outstanding December 31, 2016	Maturity date
Series 2015 A Series 2015 B Series 2015 C Series 2002	\$ 30,000,000 29,000,000 29,500,000 90,000,000	\$300,0000 - - -	\$ 29,700,000 29,000,000 29,500,000 _78,000,000	November 1, 2025 November 1, 2034 November 1, 2034 November 1, 2036
Total	\$ <u>178,500,000</u>	\$ <u>300,000</u>	<u>\$166,200,000</u>	
Bond issuance costs			<u>(976,415</u> )	
Net notes payable			\$ <u>165,223,585</u>	

In 2015, the Museum replaced tax-exempt bonds with new Series 2015 tax-exempt direct purchase bonds issues totaling \$88.5 million.

The Variable-Rate Direct Purchase Bond, Series 2015A, are subject to redemption beginning November 1, 2016, with sinking fund payments each year until maturity. These bonds are currently in a weekly rate mode. The Series 2015A Bonds outstanding at December 31, 2017, bore interest of 1.98%.

The Variable-Rate Direct Purchase Bond, Series 2015B, are subject to redemption beginning November 1, 2017, with sinking fund payments each year beginning in 2017 until maturity. These bonds are currently in a weekly rate mode. The Series 2015B Bonds outstanding at December 31, 2017, bore interest of 1.98%.

The Variable-Rate Direct Purchase Bond, Series 2015C are currently in a weekly rate mode and have no amortization. The Series 2015C Bonds outstanding at December 31, 2017, bore interest of 2.04%.

The terms of all the Series 2015 Bond agreements require the Museum to maintain unrestricted cash and investments with a market value of at least 90% of the Museum's total indebtedness, and no more than 50% of the unrestricted investments can be held in alternative funds. As of December 31, 2017 and 2016, the Museum was in compliance with these financial covenants.

The Series 2002 Bonds were issued on September 1, 2002, as Adjustable Medium-Term Revenue Bonds. The Series 2002 Bonds are rated A by Standard & Poor's and A2 by Moody's, and are not secured by a letter of credit. The adjustable rate periods end November 1, 2016 through November 1, 2017, and the Series 2002 Bonds bear interest at a rate of 3.90% to 5.50%, depending on duration. The current blended rate as of December 31, 2017, is 4.36% (weighted), and interest is payable each November 1 and May 1.

On November 1, 2017, the remarketing of an outstanding portion of the Series 2002 Bonds in the amount of \$12,100,000 occurred as required by the mandatory tender on November 1, 2017. The new adjustable interest rate on the outstanding principal amount was set at 3.90%. The new adjustable rate period began on November 1, 2017, and ends on October 31, 2036.

The total interest costs incurred on these bonds in 2017 and 2016 were \$7,598,292 and \$7,538,655, respectively. Capitalized interest is classified as a depreciable asset within Museum property.

The Museum entered into two interest rate swap agreements to hedge variable interest rate exposure as follows:

- The first swap, dated September 2005, expires on November 1, 2032, and effectively fixes the interest rate on a notional value of \$45 million at 3.258% through October 31, 2008, 4.369% from November 1, 2008 through October 31, 2010, and 3.769% from November 1, 2010 through November 1, 2032.
- The second swap, dated June 2008, is effective January 1, 2009, and expires on November 1, 2032. This agreement effectively fixes the interest rate on a notional value of \$43 million at 3.43% for the duration of the swap.

These agreements are considered derivative financial instruments and are reported at their fair values as a liability of \$17,958,772 and \$18,690,954 at December 31, 2017 and 2016, respectively. The fair value is recorded in interest rate swaps in the accompanying statements of financial position. The unrealized gain on interest rate swaps for 2017 was \$732,182 and the unrealized gain for 2016 was \$2,372,074. The net change in fair value of the agreements is reported as a separate line item in the non-operating section of the accompanying statements of activities.

#### **NOTE 8 - PENSION PLAN**

The Museum sponsors a defined benefit pension plan (the Plan) covering substantially all of its employees, which provides pension benefits based on years of service and average compensation, as determined under the Plan. The Museum's funding policy is to contribute amounts necessary to maintain the long-term stability of the Plan. The Plan was amended to freeze participation and all benefit accruals under the Plan effective December 31, 2014, which resulted in a curtailment gain as of June 30, 2014. The existing contributory defined contribution plan has been amended to include matching and discretionary components beginning January 1, 2015. In 2017 and 2016, Museum contributions expensed with respect to the defined contribution plan were \$1,528,580 and \$1,445,738, respectively.

The change in benefit obligation, change in plan assets and the composition of the amounts recognized in the accompanying statements of financial position as of and for the year ended December 31, 2017 and 2016, are as follows:

	2017	2016
Change in benefit obligation		
Benefit obligation – beginning of year	\$25,924,649	\$24,587,508
Service cost	149,729	112,990
Interest cost	1,007,107	1,011,453
Plan amendments	-	(79,299)
Actuarial (gain) loss	3,242,334	1,253,090
Benefits paid	<u>(1,259,351</u> )	<u>(961,093</u> )
Benefit obligation – end of year	\$ <u>29,064,468</u>	\$ <u>25,924,649</u>
Change in plan assets		
Fair value of plan assets – beginning of year	\$22,582,020	\$21,574,207
Actual return on plan assets	4,010,440	1,848,906
Employer contribution	150,000	120,000
Benefits paid	<u>(1,259,351</u> )	<u>(961,093</u> )
Fair value of plan assets – end of year	\$ <u>25,483,109</u>	\$ <u>22,582,020</u>
Funded status	\$ (3,581,359)	\$ (3,342,629)

Amounts that have not yet been recognized as a component of net periodic benefit cost consist of the following at December 31, 2017 and 2016:

	2017	2016
Prior service credit Net actuarial loss	\$ (72,090) 4,716,608	\$ (79,299) 4,216,753
Total	\$ <u>4,644,518</u>	\$ <u>4,137,454</u>

Net periodic benefits costs expected to be recognized in the next fiscal years are as follows at December 31, 2017 and 2016:

	2017	2016
Prior service credit	\$ (7,209)	\$ (7,209)
Net actuarial loss	56,692	50,680

The following table sets forth the rollforward of the pension liability for the years ended December 31, 2017 and 2016:

	2017	2016
Pension liability – beginning of year	\$(3,342,629)	\$(3,013,301)
Net periodic pension income	118,334	210,260
Pension-related changes other than net periodic pension cost	/	(
Net actuarial loss	(499,855)	(738,887)
Amortization of prior service credit	(7,209)	79,299
Employer contribution	<u> 150,000</u>	120,000
Pension liability – end of year	\$ <u>(3,581,359</u> )	\$ <u>(3,342,629</u> )

Other changes in pension plan assets and benefit obligation recognized during the years ended December 31, 2017 and 2016, are as follows:

	2017	2016
Net actuarial loss	\$578,786	\$779,157
Items amortized		
Prior service credit	7,209	(79,299)
Net actuarial loss	<u>(78,931</u> )	(40,270)
Total pension-related changes other than net periodic benefit cost	\$ <u>507,064</u>	\$ <u>659,588</u>

The components of net periodic benefit cost for the years ended December 31, 2017 and 2016, are as follows:

	2017	2016
Service cost	\$ 149,729	\$ 112,990
Interest cost	1,007,107	1,011,453
Expected	(1,346,892)	(1,374,973)
Amortization of net actuarial loss	78,931	40,270
Prior service credit	(7,209)	<del>_</del> _
Net periodic pension income	\$ <u>(118,334</u> )	\$ <u>(210,260</u> )

The following table presents the key actuarial assumptions used in developing the data for 2017 and 2016:

	2017	2016
Weighted-average assumptions used to determine benefit obligations at December 31		
Discount rate	3.50%	4.00%
Rate of compensation increase	N/A	N/A
Weighted-average assumptions used to determine net periodic benefit cost for		
the year beginning January 1		
Discount rate	4.00	4.25
Expected return on plan assets	6.50	6.50
Rate of compensation increase	N/A	N/A

The Museum determines the long-term expected rate of return on plan assets by examining historic capital market returns, correlations between asset classes and the Plan's normal asset allocation. Current and near-term market factors, such as inflation and interest rates, are then evaluated to arrive at the expected return on Plan assets. Peer group or benchmarking data are also reviewed to ensure a reasonable and appropriate assumption.

The following table represents the Museum's estimated future benefit payments in each of the next five years and in the aggregate for the five fiscal years thereafter:

	2017
2018	\$2,025,000
2019	1,528,000
2020	2,305,000
2021	2,072,000
2022	1,586,000
2023-2027	8,030,000

The following table presents the Plan's asset allocation at December 31, 2017, by asset category:

		Range
Money market funds Equity securities funds Fixed-income securities funds	3% 80 _17	0%-5% 50-90 20-40
Total	<u>100</u> %	

The following table presents the Plan's asset allocation at December 31, 2016, by asset category:

		Kange
Money market funds	0%	0%-5%
Equity securities funds	91	50-90
Fixed-income securities funds	9	20-40
Total	<u>100</u> %	

The Museum's investment approach is based on modern portfolio theory. Multiple asset classes are implemented in order to obtain the benefits of diversification and maximize long-term return for a given level of risk. Risk tolerance is developed by reviewing the funded status of the Plan, duration of the Plan's liabilities, the income and liquidity requirements, legal constraints and the financial condition of the Museum. The investment portfolio comprises a diversified combination of cash, equity securities funds, fixed-income securities funds and high-yield funds. The allocation among equity securities funds, fixed-income securities funds, high-yield funds and cash is determined by prevailing market conditions and relative valuations among asset classes. The Plan's financial condition is monitored on an ongoing basis by means of quarterly investment portfolio reviews, an annual independent actuarial valuation and periodic assets/liability studies.

The following represents the Plan's investments measured at fair value on a recurring basis at December 31, 2017:

	Quoted prices in	Significant	Significant			
	active markets	other	other	Ŧ		
	for identical assets	observable inputs	observable inputs	Investments measured at		
Assets	(Level 1)	(Level 2)	(Level 3)	NAV	Total	
Money market funds	\$ -	\$ -	\$ -	\$ 835,705	\$ 835,705	
Equity securities funds	4,073,880	-	-	16,385,704	20,459,584	
Fixed-income securities funds	<u>4,187,820</u>				4,187,820	
Total	\$ <u>8,261,700</u>	\$ <u> </u>	\$ <u> </u>	\$ <u>17,221,409</u>	\$ <u>25,483,109</u>	

The following represents the Plan's investments measured at fair value on a recurring basis at December 31, 2016:

			2016			
Assets	Quoted prices in active markets for identical assets	Significant other observable inputs	Significant other observable inputs	Investments measured at	Total	
	(Level 1)	(Level 2)	(Level 3)	NAV		
Money market funds	\$ -	\$ -	\$ -	\$ 60,125	\$ 60,125	
Equity securities funds	3,651,265	-	-	16,914,075	20,565,340	
Fixed-income securities funds	<u>1,956,555</u>				1,956,555	
Total	\$ <u>5,607,820</u>	\$ <u> </u>	\$ <u> </u>	\$ <u>16,974,200</u>	\$ <u>22,582,020</u>	

These levels are evaluated on an annual basis, and transfers between levels are recognized as of the end of each fiscal year. For the year ended December 31, 2017 and 2016, there were no transfers in or out of Level 1, Level 2 or Level 3.

The following table discloses additional information about investments recorded at NAV at December 31, 2017 and 2016:

	2017								
	Fair Value	Unfunded commitments	Redemption frequency limitations	Redemption notice period					
Money market funds (a) Equity securities funds (b)	\$ 835,705 16,385,704	-	None None	0 days 0-5 days					
Total value	\$ <u>17,221,409</u>								
		2016							
	Fair Value	Unfunded commitments	Redemption frequency limitations	Redemption notice period					
Money market funds (a) Equity securities funds (b)	\$ 60,125 16,914,075	-	None None	0 days 0-5 days					
Total value	\$ <u>16,974,200</u>								

(a) This category includes investments primarily consisting of a broad range of high-quality, U.S. dollar-denominated government, bank and commercial obligations that are available in the money markets. The funds' objective is to maintain a stable NAV of \$1.00 per share and maximize current income to the extent consistent with the preservation of capital and maintaining liquidity. The NAV of the fund is determined using the fair value of the underlying securities. The funds have no commitments, no redemption frequency limitations, and allow for same-day notice for redemption.

(b) This category includes investments in equity securities funds primarily consisting of common stocks that have readily available price data. The NAV of the funds is determined using the fair value of the underlying securities. The funds have no commitments or redemption frequency limitations, but do have a redemption notice period.

There was no minimum contribution due to the Plan in 2017 or 2016. The Museum contributed \$150,000 to the Plan in 2017 and \$120,000 in 2016.

#### **NOTE 9 - LINE OF CREDIT**

The Museum has an agreement for an unsecured revolving line of credit for \$15,000,000. The agreement bears interest at the federal funds rate plus 0.50% (1.83% at December 31, 2017). Total interest costs incurred on the line of credit in 2017 and 2016 were \$-0- and \$1,908, respectively. At December 31, 2017 and 2016, the Museum had no borrowings against the line of credit.

#### **NOTE 10 - RELATED PARTIES**

The Museum Campus Corporation (the Campus) is a tax-exempt organization consisting of the Museum, Shedd Aquarium and the Adler Planetarium, the purpose of which is to attract visitors to the Campus' centrally located facilities. As of December 31, 2017 and 2016, the Museum has no receivable due from or payable to the Campus.

The Museum receives financial support from individual members of its Board. In 2017, approximately 39% of contributions were from members of the Board and approximately 69% of the pledge receivables were due from members of its Board. In 2016, approximately 42% of contributions were from members of the Board and approximately 63% of the pledge receivables were due from members of its Board.

#### **NOTE 11 - FUNCTIONAL EXPENSES**

The Museum's operating expenses for the years ended December 31, 2017 and 2016, are classified functionally as follows:

	2017	2016
Program Supporting services	\$54,998,004 <u>11,516,021</u>	\$56,291,968 <u>11,131,161</u>
<b>Total operating expenses</b>	\$ <u>66,514,025</u>	\$ <u>67,423,129</u>

#### **NOTE 12 - COMMITMENTS AND CONTINGENCIES**

The Museum has an operating lease with a food service provider (Lessee) expiring in 2023, with an option to extend for a five-year term immediately upon expiration and a second option to extend for an additional five years upon expiration of the first extension. As a part of the lease agreement, the Lessee was required to make an initial capital investment of \$3,500,000 to improve the Museum's facilities. The Museum recorded the \$3,500,000 of improvements as other assets and deferred revenue. The Museum is amortizing the other asset and the deferred revenue on a straight-line basis over a 20-year period in accordance with the amortization schedule of the improvement in the agreement.

The Museum has an operating lease with a retail service provider (Lessee) expiring in 2018, with an option to extend for a five-year term immediately upon expiration. As a part of the lease agreement, the Lessee made \$484,000 of improvements to the Museum's facilities. The Museum recorded the \$484,000 of improvements as other assets and deferred revenue. The Museum is amortizing the other asset and the deferred revenue on a straight-line basis over a five-year period in accordance with the amortization schedule of the improvement in the agreement.

In 2017 and 2016, the Museum amortized \$271,800. The other asset and deferred revenue balances pertaining to the arrangements discussed above at December 31, 2017 and 2016, were \$2,794,717 and \$3,066,517, respectively.

#### **NOTE 13 - TEMPORARILY RESTRICTED NET ASSETS**

Temporarily restricted net assets consist of the following at December 31, 2017 and 2016:

	2017	2016
Program Time restrictions	\$ 46,182,626 	\$41,077,720 44,988,611
Total temporarily restricted net assets	\$ <u>116,586,258</u>	\$ <u>86,066,331</u>

Time-restricted net assets include pledges and investment income on endowment funds awaiting appropriation. Investment income from endowment funds are released upon board approval and satisfying donor-imposed purpose restrictions.

#### **NOTE 14 - SUBSEQUENT EVENTS**

Management has evaluated subsequent events through May 21, 2018, the date the financial statements were issued, and is not aware of any subsequent events that would require recognition or disclosure in the financial statements.



	Salaries and wages	Pension and employee benefits	Cost of sales	Supplies	Postage, freight and miscellaneous	Travel, dues and meetings	Printing and publications	Professional and outside services	Utilities	Repairs and maintenance	Interest and amortization	Exhibits and equipment	Total	2016 Total
Science and education				<del></del>										
Action center	\$ 1,899,743	\$ 899,316	\$ -	\$ 72,890	\$ 6,429	\$ 328,636	\$ 11,552	\$ 542,286	\$ 25,366	\$ 616	\$ -	\$ -	\$ 3,786,834	\$ 3,694,520
Collections center	2,403,021	1,138,998	-	190,399	53,338	241,986	79,626	97,078	860,618	11,543	-	-	5,076,607	4,823,225
Integrative research center	3,662,528	1,698,621	-	675,829	278,443	345,901	63,866	477,713	161,701	9,416	-	88,953	7,462,971	7,041,123
Learning center	904,596	407,132	-	84,752	389	81,622	5,696	330,889	52,101	-	-	-	1,867,177	2,197,408
Scientific support	491,857	228,068		14,762	2,137	47,503	5,636	28,597	21,561			2,483	842,604	979,041
Total science and education	9,361,745	4,372,135	-	1,038,632	340,736	1,045,648	166,376	1,476,563	1,121,347	21,575	-	91,436	19,036,193	18,735,317
Strategic Science Initiatives	212,837	89,761	-	26,383	12	10,261	259	53,999	1,682	-	-	-	395,194	-
Public programs														
Exhibitions	2,331,755	1,131,313	-	435,892	255,599	401,222	5,472	1,614,789	807,176	930	-	18,809	7,002,957	9,347,698
Guest relations	843,867	399,754		55,192	1,730	26,328	11,306	680,765	31,604	1,360			2,051,906	1,864,970
Total public programs	3,175,622	1,531,067	-	491,084	257,329	427,550	16,778	2,295,554	838,780	2,290	-	18,809	9,054,863	11,212,668
Business enterprises	579,170	265,998	213,872	18,434	193,604	36,923	534	1,090,658	89,788	-	-	-	2,488,981	2,980,951
Museum outreach														
Public relations	1,186,453	560,245	-	63,691	2,983	81,874	6,172	2,465,508	12,987	1,500	-	-	4,381,413	4,147,133
Science outreach and communication	157,685	71,208	-	10,635	316	12,763	1,336	739	-	· -	-	-	254,682	217,914
Auxiliary groups	180,811	88,273	-	14,412	3,368	12,793	2,718	602,821	3,129	-	-	-	908,325	848,148
Membership	369,663	179,065		18,687	110,519	20,969	211,337	449,442	5,228				1,364,910	1,420,887
Total museum outreach	1,894,612	898,791	-	107,425	117,186	128,399	221,563	3,518,510	21,344	1,500	-	-	6,909,330	6,634,082
Museum services														
Protection services	854,057	407,426	-	67,118	748	9,672	22	744,602	13,014	20,822	-	720	2,118,201	2,037,460
Housekeeping	494,885	241,163	-	110,551	-			323,440	63,755		-	-	1,233,794	1,214,771
Facility, planning and operations	1,251,381	607,538	-	350,755	1,514	10,472	-	1,448,806	173,949	283,607	-	-	4,128,022	4,054,923
Technology	630,448	290,269	-	107,539	9,938	20,925	-	843,236	111,082		-	-	2,013,437	1,867,658
General services	107,702	53,114		32,200	1,088	9	17	4,855	5,168	37,774			241,927	242,053
Total museum services	3,338,473	1,599,510	-	668,163	13,288	41,078	39	3,364,939	366,968	342,203	-	720	9,735,381	9,416,865
General and administrative														
Administration	1,163,533	600,842	-	23,082	1,196,499	181,045	2,329	1,704,336	18,720			-	4,890,386	4,457,312
Finance	786,632	375,845	-	15,841	1,464	6,192	429	44,079	11,222		-	-	1,241,704	1,143,644
Human resources	503,103	224,122		4,305	1,849	134,642		19,043	8,829	2,176			898,069	893,671
Total general and administrative	2,453,268	1,200,809	-	43,228	1,199,812	321,879	2,758	1,767,458	38,771	2,176	-	-	7,030,159	6,494,627
Institutional advancement	1,942,712	931,574	-	111,540	26,509	115,195	269,669	688,482	11,862	-	-	-	4,097,543	4,199,845
Debt service					166		2,086	113,994			7,650,135		7,766,381	7,748,774
Total 2017 expenses	\$ 22,958,439	\$ 10,889,645	\$ 213,872	\$ 2,504,889	\$ 2,148,642	\$ 2,126,933	\$ 680,062	\$ 14,370,157	\$ 2,490,542	\$ 369,744	\$ 7,650,135	\$ 110,965	\$ 66,514,025	\$ 67,423,129
Total 2016 expenses	\$ 22,819,831	\$ 10,433,795	\$ 269,776	\$ 2,666,255	\$ 2,494,701	\$ 2,230,605	\$ 831,800	\$ 15,063,939	\$ 2,463,452	\$ 527,428	\$ 7,592,905	\$ 28,642	\$ 67,423,129	

# Field Museum of Natural History SCHEDULE OF DEPARTMENT EXPENSES Year ended December 31, 2016

	Salaries and wages	Pension and employee benefits	Cost of sales	Supplies	Postage, freight and miscellaneous	Travel, dues and meetings	Printing and publications	Professional and outside services	Utilities	Repairs and maintenance	Interest and amortization	Exhibits and equipment	Total
Science and education	0 1047 405	000000		0 105 044	0 5000	0 477 504	0 41 400	0 005 005	0 05 040	0 017	٥	•	0 0004500
Action center	\$ 1,847,465	\$ 828,338	\$ -	\$ 105,244	\$ 5,206	\$ 475,584	\$ 41,496	\$ 365,627	\$ 25,243	\$ 317	\$ -	\$ -	\$ 3,694,520
Collections center	2,381,529	1,051,567	-	159,150	53,859	146,287	87,451	80,592	862,270	520	-	-	4,823,225
Integrative research center	3,613,914	1,639,600	-	564,674	184,270	347,949	64,359	414,863	162,523	48,971	-	-	7,041,123
Learning center	933,861	412,469	-	150,431	419	65,158	5,735	576,691	52,644	-	-	-	2,197,408
Scientific support	553,753	232,082		45,017	1,258	58,602	8,191	57,858	22,280		<u>-</u>		979,041
<b>Total science and education</b>	9,330,522	4,164,056	-	1,024,516	245,012	1,093,580	207,232	1,495,631	1,124,960	49,808	-	-	18,735,317
Public programs													
Exhibitions	2,466,407	1,133,743	-	574,152	803,179	664,120	24,152	2,853,462	808,122	1,500	-	18,861	9,347,698
Guest relations	914,491	417,176		59,392	879	4,544	8,662	426,539	31,757	1,530			1,864,970
<b>Total public programs</b>	3,380,898	1,550,919	-	633,544	804,058	668,664	32,814	3,280,001	839,879	3,030	-	18,861	11,212,668
Business enterprises	591,729	259,772	269,776	15,478	463,633	37,988	686	1,251,735	90,154	-	-	-	2,980,951
Museum outreach													
Public relations	1,138,982	503,611	_	37,013	8,183	76,101	24,374	2,341,019	12,461	-	_	5,389	4,147,133
Science outreach and communication	144,055	54,239	_	10,095	914	4,899	787	2,925	,	-	-	-	217,914
Auxiliary groups	156,584	73,418	_	10,806	3,392	15,263	14,318	570,537	3,830	-	-	<u>-</u>	848,148
Membership	338,791	154,257	-	16,287	109,848	12,206	315,534	468,428	5,536				1,420,887
Total museum outreach	1,778,412	785,525	-	74,201	122,337	108,469	355,013	3,382,909	21,827	-	-	5,389	6,634,082
Museum services													
Protection services	927,049	434,608	_	44,285	520	19,271	82	585,785	13,107	12,753	_	_	2,037,460
Housekeeping	496,966	234,122	_	108,687	-	-	-	315,776	59,220	-	_	-	1,214,771
Facility, planning and operations	1,205,243	564,111	_	408,460	304	5,124	_	1,314,906	188,576	368,199	_	<u>-</u>	4,054,923
Technology	528,114	229,611	_	175,200	5,707	10,334	28	810,244	61,214	42,814	_	4,392	1,867,658
General services	107,857	51,688		34,870	3,907	318	105	279	5,189	37,840		-	242,053
Total museum services	3,265,229	1,514,140	-	771,502	10,438	35,047	215	3,026,990	327,306	461,606	-	4,392	9,416,865
General and administrative													
Administration	1,170,355	676,262	_	92,156	801,765	114,393	5,802	1,557,168	28,038	9,465	1,908	-	4,457,312
Finance	746,715	335,503	_	2,508	1,490	4,007	1,030	41,024	11,367	-	-	<u>-</u>	1,143,644
Human resources	515,671	220,426		4,528	2,293	55,421	204	82,893	8,716	3,519			893,671
Total general and administrative	2,432,741	1,232,191		99,192	805,548	173,821	7,036	1,681,085	48,121	12,984	1,908	-	6,494,627
Institutional advancement	2,040,300	927,192	-	47,822	43,557	113,036	227,554	789,179	11,205	-	-	-	4,199,845
Debt service	<u> </u>	<u>-</u>		<u>-</u>	118		1,250	156,409	<u>-</u>	<u> </u>	7,590,997	<u> </u>	7,748,774
Total expenses	\$ 22,819,831	\$ 10,433,795	\$ 269,776	\$ 2,666,255	\$ 2,494,701	\$ 2,230,605	\$ 831,800	\$ 15,063,939	\$ 2,463,452	\$ 527,428	\$ 7,592,905	\$ 28,642	\$ 67,423,129