Pension Plan Highlights December 31, 2018

Membership (DB)
(# of persons in thousands)

- Active Members
- Retirees and Beneficiaries
- Deferred Members

114%
Going Concern Ratio, Jan. 1, 2018
(VS. 111%, Jan. 1, 2017)

98%
Solvency Ratio*, Jan. 1, 2018
(VS. 97%, Jan. 1, 2017)

Asset Mix

- Fixed Income 22.9%
- Absolute Return Assets 9.8%
- Real Return Assets 23.6%
- Canadian Equities 6.4%
- Global Equities 37.3%

Historical Net Assets Available for Benefits
(millions of CAD dollars)

Historical Rates of Return (gross)

- 6.8%
  4-year Annualized Rate of Return (gross)

- 9.6%
  10-year Annualized Rate of Return (gross)

*Smoothed without indexation
Table of Contents

Overview 3
Pension Plan Governance 3
Pension Plan Investment Management 4
Pension Benefit Administration 5
Benefit Security 5
Pension Plan Information 6
Benefits for Retired Members 8
Most Recently Filed Actuarial Valuation 8
Statement of Investment Policies and Procedures 9
Investment Performance 10
Investment Objectives 10
Responsible Investing 11
Net Assets Available for Benefits 11
Effective Date 11

Appendices

A  Glossary of Terms 13
B  External Service Providers 15
C  Administration Fees 16
D  Mandate & Membership of Pension Plan Committee 17
E  Mandate & Membership of Pension Fund Investment Committee 19
F  Contacts and Additional Information 20
Overview
The University of Ottawa is pleased to present the 2018 Pension Plan Annual Report to provide members of the University of Ottawa Retirement Pension Plan (1965) with information about the governance, management, and administration of the pension plan and its related assets. This report includes benefit information as well as highlights of membership and financial statistics, current information on the pension plan’s funded status, and its investment results.

For additional financial details, pension plan members can refer to the audited financial statements as at December 31, 2018 and accompanying notes at:

uottawa.ca/financial-resources/pension-plans

Pension Plan Governance
The University through its Board of Governors (the “Board”) is the plan administrator and has the responsibility and authority to administer the plan and administer and invest the pension fund in accordance with pension legislation and the plan text. In addition to acting as administrator, the University is also the sponsoring entity of the plan. To provide oversight and management of the plan, the Board has established a Pension Governance Structure that delegates certain powers with respect to the administration of the plan to committees of the Board and authorized officers.

The Pension Fund Investment Committee (the “PFIC”)
The PFIC is an expert committee that oversees pension plan investments on behalf of the Board. Key oversight responsibilities include monitoring compliance with the asset mix policy and investment manager guidelines, and the achievement of performance objectives. The PFIC establishes strategic investment priorities, assesses investment and risk-management initiatives, approves investment manager appointments and terminations, and makes recommendations to the Board on the Statement of Investment Policies and Procedures.

PFIC membership is comprised of external representatives (investment industry experts), members of the Board and senior management, as well as plan member and academic staff representatives. Details on the PFIC mandate and committee membership are provided in the appendices.

The Pension Plan Committee (the “PPC”)
The PPC was established to oversee all aspects of pension plan administration on behalf of the Board. Key aspects of this role include monitoring compliance with investment and administrative policies, reviewing proposed plan modifications
and making related recommendations, monitoring fees and expenses charged to the plan, and recommending an annual budget for fees and expenses. The PPC also monitors pension plan funding and recommends on the filing of the actuarial valuation.

The PPC is chaired by a member of the Board and membership is comprised of senior management representatives, academic and administrative staff representatives from the various employee groups, and retirees. Details on the PPC mandate and current committee membership are provided in the appendices.

The Administrative Committee (the “AC”)

The AC is comprised of the University’s senior management team and, with respect to the Pension Governance Structure, the AC makes recommendations on the actuarial strategy as well as the funding strategy and contributions. The AC also advises on the filing of actuarial valuation reports.

Pension Plan Investment Management

The University employs professional investment staff who report to the Chief Investment Officer, Pension Fund and Investment Management (the “CIO”). The CIO is the principal staff resource for the Board and committees, and provides advice and recommendations to the PFIC on all investment matters. The CIO is accountable for ensuring that pension plan assets are invested and managed in a manner that is consistent with policies and strategies, and that they meet the University’s obligations to pension plan members.

The investment staff is responsible for oversight of external investment managers, the custodian, and other external service providers. Manager oversight includes assessing qualitative and quantitative factors to evaluate the team of professionals, strategy execution, adherence to philosophy and style, performance against objectives, compliance and firm specific issues. The internal team implements investment strategies, is responsible for all aspects of operational management, liaises with industry contacts and service providers, and acts as a principle resource for the PFIC and the PPC.

An asset/liability study was completed in 2018 to review and assess the asset mix policy and long-term strategic targets, taking into consideration the newly announced funding regulations by the Government of Ontario for defined benefit plans. The resulting asset mix has a similar future return profile but a lower expected volatility, aimed to create a stable contribution profile for stakeholders.

IN ADDITION TO AN ASSET/LIABILITY STUDY IN 2018, OTHER KEY ACCOMPLISHMENTS AND HIGHLIGHTS OF ACTIVITIES INCLUDED:

- Preparation for the implementation of the new asset mix, including an assessment of the impact of the new funding regulations on future investment strategies.
- Updated and strengthened investment strategies for the private market assets.
- Enhancements to the portfolio risk management framework using the asset/liability review results.
- Continued advancement of responsible investing within the investment mandates.
Pension Benefit Administration

The Associate Vice-President, Human Resources (the “Associate Vice President”) oversees pension benefit administration. This includes ensuring compliance with the pension plan bylaws and regulatory filing requirements, management of pension and membership data, record maintenance, oversight of pension benefit payments, and plan member communications. The Associate Vice-President liaises with the pension plan actuary, external benefit service providers, and representatives of the various employee groups.

Pension benefit administration functions are carried out by the staff in the Human Resources, Pension Plans and Benefits Sector. Key responsibilities include processing plan member entitlements, managing administrative requirements and submitting annual regulatory filings. The Pension Plans and Benefits Sector is also the central communication point for pension plan members, providing training and information sessions and advising employees regarding retirement.

KEY ACCOMPLISHMENTS AND ACTIVITIES IN 2018 INCLUDED:

- Implementation of various processes/systems optimization initiatives to better serve members.
- Amendments to the Plan text for the clarification of the definitions of “Spouse” and “Employee” as well as a contribution increase effective January 1, 2018 were registered with the Financial Services Commission of Ontario (FSCO).
- Amendments to the Plan text for the contribution increase and ad hoc indexation increase effective January 1, 2019 were submitted to FSCO.

Benefit Security

The University of Ottawa Retirement Pension Plan (1965) is a contributory defined benefit plan. A defined benefit plan means that retired, deferred retirements and active plan members are guaranteed retirement benefits by the employer. Ontario pension plans are supervised by FSCO and retired plan members’ benefits are fully protected under existing legislation.

The employer is responsible for funding the pension plan and ensuring that employee and employer contributions comply with pension legislation and actuarial standards. Furthermore, pension plan assets must be held in a trust fund that is separate from the employer’s assets so plan assets cannot be seized by an employer’s creditors.
Pension Plan Information

For the University’s pension plan, normal retirement age is 65, with options for both early retirement and postponed retirement. Retirement benefits, adjusted to reflect indexation, are based on years of pensionable service and the best 60 months of salaries at retirement.

If an active plan member leaves the University before age 55, the plan member may elect to transfer the commuted value of the pension benefits already earned, or, subject to Plan Restrictions, leave his or her earned benefits in the plan. Earned benefits left in the plan are called deferred pensions.

As at December 31, 2018:

<table>
<thead>
<tr>
<th></th>
<th>Academic Staff</th>
<th>Administrative Staff</th>
</tr>
</thead>
</table>

### Active Members

<table>
<thead>
<tr>
<th>Year</th>
<th>Academic Staff</th>
<th>Administrative Staff</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>1,249</td>
<td>2,247</td>
</tr>
<tr>
<td>2015</td>
<td>1,258</td>
<td>2,242</td>
</tr>
<tr>
<td>2016</td>
<td>1,283</td>
<td>2,257</td>
</tr>
<tr>
<td>2017</td>
<td>1,258</td>
<td>2,188</td>
</tr>
<tr>
<td>2018</td>
<td>1,230</td>
<td>2,146</td>
</tr>
</tbody>
</table>

### Retirees and Beneficiaries

<table>
<thead>
<tr>
<th>Year</th>
<th>Academic Staff</th>
<th>Administrative Staff</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>1,010</td>
<td>1,011</td>
</tr>
<tr>
<td>2015</td>
<td>1,039</td>
<td>1,071</td>
</tr>
<tr>
<td>2016</td>
<td>1,064</td>
<td>1,141</td>
</tr>
<tr>
<td>2017</td>
<td>1,102</td>
<td>1,209</td>
</tr>
<tr>
<td>2018</td>
<td>1,145</td>
<td>1,271</td>
</tr>
</tbody>
</table>

### Deferred Members

<table>
<thead>
<tr>
<th>Year</th>
<th>Academic Staff</th>
<th>Administrative Staff</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>267</td>
<td>509</td>
</tr>
<tr>
<td>2015</td>
<td>265</td>
<td>528</td>
</tr>
<tr>
<td>2016</td>
<td>265</td>
<td>551</td>
</tr>
<tr>
<td>2017</td>
<td>223</td>
<td>440</td>
</tr>
<tr>
<td>2018</td>
<td>195</td>
<td>445</td>
</tr>
</tbody>
</table>

### Number of Retirements by Year

<table>
<thead>
<tr>
<th>Year</th>
<th>Academic Staff</th>
<th>Administrative Staff</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>39</td>
<td>37</td>
</tr>
<tr>
<td>2015</td>
<td>35</td>
<td>54</td>
</tr>
<tr>
<td>2016</td>
<td>29</td>
<td>77</td>
</tr>
<tr>
<td>2017</td>
<td>46</td>
<td>79</td>
</tr>
<tr>
<td>2018</td>
<td>52</td>
<td>66</td>
</tr>
</tbody>
</table>
Active employees contributed at the rate of 6.60% for salaries up to the Integration Level of $38,801 (customized form of Federal yearly maximum pensionable earnings) as defined in the pension plan text. Above that amount, employees contributed 10.15% of salary.

The employer’s contribution rate for 2018 was 9.35% for salaries up to the Integration Level and 14.35% of salaries above this amount; these rates were determined by the most recent actuarial valuation filed with regulatory authorities, which is the valuation effective January 1, 2018. The employer’s rate is the difference between the total current cost and the employees’ contributions.

### Contributions to the Pension Fund

($ millions)

<table>
<thead>
<tr>
<th>Year</th>
<th>Employee</th>
<th>Employer</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>$22</td>
<td></td>
</tr>
<tr>
<td>2015</td>
<td>$23</td>
<td>$48</td>
</tr>
<tr>
<td>2016</td>
<td>$27</td>
<td>$47</td>
</tr>
<tr>
<td>2017</td>
<td>$31</td>
<td>$41</td>
</tr>
<tr>
<td>2018</td>
<td>$33</td>
<td>$49</td>
</tr>
</tbody>
</table>

The chart above includes the employer’s deficit funding payments of $2.8 million per year for 2014 and 2015, nil in 2016 and $8.6 million in 2017. Under the new Ontario funding regulations, the concept of a Provision for Adverse Deviation (PfAD) was introduced in 2018. A PfAD contribution of $5.3 million was included in the employer’s contribution in 2018. All required contributions were met as of December 31, 2018.

### Pension Payments and Withdrawals

($ millions)

<table>
<thead>
<tr>
<th>Year</th>
<th>Pension Paid</th>
<th>Member Withdrawals</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>$63</td>
<td>$9</td>
</tr>
<tr>
<td>2015</td>
<td>$67</td>
<td>$11</td>
</tr>
<tr>
<td>2016</td>
<td>$72</td>
<td>$16</td>
</tr>
<tr>
<td>2017</td>
<td>$77</td>
<td>$19</td>
</tr>
<tr>
<td>2018</td>
<td>$83</td>
<td>$15</td>
</tr>
</tbody>
</table>
Benefits for Retired Members

The pension plan benefits are established in the plan text, which provides for automatic annual indexation of pensions according to the following formula:

<table>
<thead>
<tr>
<th>Condition</th>
<th>Formula</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPI less than 2%</td>
<td>CPI</td>
</tr>
<tr>
<td>CPI between 2% and 3%</td>
<td>2%</td>
</tr>
<tr>
<td>CPI greater than 3%</td>
<td>CPI - 1% (maximum of 8%)</td>
</tr>
</tbody>
</table>

On January 1, 2018 pensioners received a 1.5% automatic increase. On January 1, 2019, CPI was 2.21% and based on the above formula, pensioners received a 2.0% automatic increase. Both of these increases are in compliance with the formula described to the left.

There are supplementary indexation provisions in the plan text that may provide for granting of the full CPI increase if certain financial tests related to surplus and investment gains are met. These tests were not met in 2019.

CPI increases not granted under the automatic formula due to unmet required financial tests can be provided at the discretion of the Board through ad-hoc increases. Prior to January 1, 2019, a cumulative total of 2.3% of past CPI increases were not granted under the automatic formula because the required financial tests were not met. Effective January 1, 2019, the Board approved a one-time ad-hoc increase ranging from 0.8% to 2.3% for members who have started receiving their pension or have deferred pension prior to 2012.

Most Recently Filed Actuarial Valuation

An actuarial valuation report must be filed with the regulators at least once every three years. The most recent actuarial valuation filed with the Canada Revenue Agency (“CRA”) and FSCO was effective January 1, 2018, and reflected changes to the Ontario Pension Benefits Act (PBA) and regulations impacting the funding of the Plan. The new funding framework changed minimum funding requirements from both a going-concern and solvency perspective, putting the emphasis on the going-concern position of the Plan and introducing the concept of the PfAD.

The January 1, 2018 funding valuation of the Plan showed a going-concern surplus before PfAD of $274 million (or a ratio of 114%) and after PfAD of $131 million (or a ratio of 106%). The funding valuation also indicated a solvency deficit of $56 million (or a ratio of 98%), excluding the value of future indexation. In accordance with the new funding requirements, a going concern deficit must be funded over ten years, and a solvency deficit must only be funded over five years, to bring the solvency back to 85%. Accordingly, no annual special payments are required form the University following the filing of the January 1, 2018 funding valuation.

The solvency basis excludes the value of future indexation, which is for funding purposes only and does not change the obligations of the pension plan in an actual wind-up situation. The wind-up deficit, or the solvency deficit including the value of future indexation, was $1,417 million (or a ratio of 62%) as of January 1, 2018.

The next required filing date is as of January 1, 2021 at the latest, and for deficit payments beyond that date the University is exposed to changes to the pension plan's funded position (positive or negative) due to financial market volatility.

In order to monitor the financial position of the Pension Plan on a regular basis, an actuarial valuation update is prepared annually.
Statement of Investment Policies and Procedures

The Statement of Investment Policies and Procedures (the “SIPP”) provides the objectives, guidelines and procedures to manage the assets of the pension plan. Investment objectives and risk tolerance are reflected in the asset mix, strategic ranges for asset classes, as well as the risk mitigation and diversification policies.

The outcome of the asset/liabilities review in 2018 resulted in notable asset mix changes in the SIPP.

The table below illustrates the old and new asset mix:

<table>
<thead>
<tr>
<th>Policy 2017</th>
<th>Policy 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canadian Equities</td>
<td>10.0%</td>
</tr>
<tr>
<td>Global Equities</td>
<td>20.0%</td>
</tr>
<tr>
<td>Real Return Assets</td>
<td>5.0%</td>
</tr>
<tr>
<td>Absolute Return Assets</td>
<td>40.0%</td>
</tr>
<tr>
<td>Fixed Income</td>
<td>25.0%</td>
</tr>
</tbody>
</table>

Throughout 2019, an interim asset mix will be deployed in order to gradually transition the individual investment strategies to this new asset mix. The facilitation of an interim asset mix is provided for in the SIPP. Differences between the actual weights and policy targets are also expected to occur due to tactical decisions and market value fluctuations.

The actual asset mix as of December 31, 2018 was as follows:

<table>
<thead>
<tr>
<th>Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canadian Equities</td>
</tr>
<tr>
<td>Global Equities</td>
</tr>
<tr>
<td>Real Return Assets</td>
</tr>
<tr>
<td>Absolute Return Assets</td>
</tr>
<tr>
<td>Fixed Income</td>
</tr>
</tbody>
</table>

As an important risk mitigation strategy to reduce the volatility from the plan’s holdings due to currency fluctuations, a portion of the foreign currency exposure is hedged. A significant component of the pension plan’s assets are denominated in foreign currencies; as such, the impact of the currency overlay can be significant in periods of extreme market movements for the Canadian dollar.

Investment risk exposures are largely comprised of price, currency and interest rate risks, credit risk and liquidity risk. These risk exposures as at December 31, 2018 and steps taken to mitigate these risks are provided in the audited financial statements of the pension plan and its accompanying notes.
Investment Performance

Investment performance is evaluated against a benchmark that is comprised of a combination of market indices. Achievement of the investment performance objectives is evaluated after the impact of any currency overlay used for risk mitigation.

Investment performance in the past year was positive both on an absolute and relative basis when compared with the benchmark. Domestic and global equity markets declined significantly in local currencies, while fixed income markets increased moderately. Strong returns from Real Estate and Infrastructure investments drove the positive absolute and relative returns of the Pension Plan. On a longer term basis such as rolling four-year and ten-year periods, strong annualized investment returns continued to be observed for the overall investment portfolio and across all asset classes. In terms of comparisons with a peer group universe of Canadian pension plans, the 2018 annual return did maintain its first quartile position when measured on a one-year basis.

Investment Objectives

The expected return objectives of the Plan outlined in the SIPP are to:

a. Earn a minimum real rate of return, after expenses paid from the Plan, of 4.25% over ten-year moving periods. This objective was met at December 31, 2018 with the pension plan generating a ten-year annualized real return, after expenses, of 7.36%.

b. Achieve a minimum absolute rate of return, after expenses paid from the Plan, which exceeds the benchmark return by 0.35% over four-year moving periods. This objective was met at December 31, 2018, with the Plan generating a four-year annualized return, after expenses, of 6.24% compared to a benchmark return of 5.47%.

The expected return objectives are reviewed from time to time in consultation with the actuaries and as part of the annual SIPP review. The PFIC establishes long-term investment strategies and evaluates results versus the
expected return objectives. Due to the long-term nature of the investment strategies, periods of extreme market volatilility may result in a divergence between investment expectations and results.

All individual investment managers have performance objectives tailored according to the unique aspects of their respective investment mandate. Performance is monitored on an ongoing basis and appropriate actions are taken to address any shortfall in meeting established objectives.

Responsible Investing

A responsible investment approach, which is aligned with the industry best practices framework established by the United Nations supported Principles for Responsible Investment (“PRI”) is being deployed for the Pension Fund investments.

Responsible investment integrates environmental, social and governance (“ESG”) criteria in the investment decision-making process based on the belief that these criteria can influence the performance of an underlying investment. As such, the consideration of ESG factors is consistent with the goal of the Plan to meet its commitment to provide members with a defined level of retirement income.

Net Assets Available for Benefits

The net assets available for benefits to pension plan members as at December 31, 2018 were $2,318 million (December 31, 2017–$2,315 million).

EFFECTIVE DATE

The information in this report is as of December 31, 2018, unless indicated otherwise.
Glossary of Terms

Active member: An eligible employee who has completed the necessary enrolment forms and is entitled to benefits or rights under the University of Ottawa Pension Plan (the “UOPP”).

Actuarial value: A figure used to calculate transfer-out/-in estimates or final transfer amounts. It is based on factors like your pension plan provisions, projected mortality rates, inflation rates, and market interest rates.

APUO: The Association of Professors of the University of Ottawa.

Asset Smoothing: Asset smoothing is the partial recognition of asset gains or losses over a defined time period as a mechanism to dampen asset volatility. If a pension plan’s assets have a bad year in the market, instead of recognizing the full loss in the year it occurred, it can be spread over a period of years. The same is true for gains. Asset smoothing produces a figure called the actuarial value of assets.

Committed value: Means the “converted” or “adjusted” value of a person’s pension benefits and other benefits under the UOPP, determined according to bases adopted by the administrator and in compliance with the Pension Benefits Act.

Credited service: Refers to the days, months and years that you contribute to the UOPP, including service you transferred from a previous employer, or service you accumulated while receiving benefits from the University’s long-term disability plan.

Currency Overlay: Currency overlay is a financial trading strategy or method conducted to manage the pre-existing exposure to foreign currencies, by seeking to limit the risk from adverse movements in exchange rates (i.e. hedge) through taking the opposite positions in currency instruments such as forward contracts.

Deferred member: A former University of Ottawa employee who has left their pension rights in the UOPP.

Defined-benefit pension plan (DB): In a DB pension plan, the pension benefit you receive at retirement is determined or “defined” by a formula usually based on years of service and/or earnings.

Going-Concern Funded Position: Going-concern is a term for an organization that has the resources to continue as an ongoing entity without the threat of liquidation for the foreseeable future. As such, the going-concern funded position looks at the pension plan’s funded status on the basis that the plan will continue to operate indefinitely. A deficit occurs where a plan’s going-concern liabilities, plus a provision for adverse deviations (PfAD) determined in accordance with the Pension Benefit Act, exceed its assets, and the plan sponsor is obliged to make special payments sufficient to amortize the deficit over a 10-year period.

Indexation: A percentage increase in your pension benefits granted on January first each year to reflect changes in the Canadian Consumer Price Index and as published by Statistics Canada. The increase for the UOPP is determined in accordance with paragraph 8.5.2 in the Plan text.

Interest: An amount added to the value of your contributions to the UOPP. The rate of interest credited in each year from 1987 on, is at least equal to the rate prescribed under the Pension Benefits Act. Interest on contributions accrues from the end of the month following the month in which the contributions were made.

IUOE: The International Union of Operating Engineers representing this bargaining unit.
Locked-in: Refers to the portion of the available transfer amount that can be used solely for a retirement benefit, meaning it can never be commuted, surrendered, assigned or alienated (transferred) during the member’s lifetime.

Pension adjustment (PA): A formula established by the Canada Revenue Agency (CRA) and used to estimate the value of the benefits you accumulate under the UOPP each year. This value appears on your taxation slip and reduces your annual Registered Retirement Savings Plan (RRSP) contribution limit.

Pensionable earnings: Means the compensation of the plan member recognized by the University, in respect of service rendered to the University, which the Board of Governors classifies as Pensionable Earnings for purposes of this Plan and which is in accordance with subsection 147.1(1) of the Income Tax Act.

Pensionable service: See subparagraph 7.2 of the UOPP Plan text.

PIPSC: The Professional Institute of the Public Service of Canada for the Group of Information Technology Professionals of the University of Ottawa (ITPUO).

Service with a prior employer: Any period of pensionable service under a registered pension plan of a previous employer.

Solvency Funded Position: The solvency funded position is a hypothetical calculation that measures whether or not all the benefits owed to the plan’s members could be paid if the pension plan was wound down on the valuation date. Pension standards legislation includes minimum funding rules for defined benefit plans to provide assurance that adequate funds will exist to pay for defined benefits with due regard to stability of contribution levels and the possibility of unfavorable outcomes now and in the future.

SSUO-OSSTF: The bargaining unit affiliated with the Ontario Secondary School Teachers’ Federation that represents University of Ottawa support staff.

Wind-up Position: The purpose of a pension plan wind-up, sometimes referred to as a termination, is to determine and actually settle the value of all member entitlements in accordance with the pension plan documents and the applicable legislation and regulations. When a pension plan is in a wind-up surplus / deficit position it means there are more/less than sufficient assets to settle those entitlements.
External Service Providers

Actuarial Consulting Services
Mercer

Pension Administration System
Morneau Shepell

Trustee/Custodian and Securities Lending
RBC Investor & Treasury Services

External Auditor
KPMG

Performance Measurement Services
RBC Investor & Treasury Services

Equities, Fixed Income and Hedge Fund Investment Managers and Advisors
Jarislowsky Fraser Ltd.
William Blair & Company LLC
Mondrian Investment Partners Ltd
BlackRock Inc.
Comgest Asset Management International Ltd.
Canso Investment Counsel Ltd.
BlackRock Inc.
PGIM Fixed Income
Cliffwater LLC (Advisory)

Canada Equities
U.S. Small/mid Cap Equities
International Small Cap Equities
Global Equities
Global Equities
Canadian Fixed Income
Canadian Fixed Income
Global Fixed Income
Hedge Funds
## Administration Fees

<table>
<thead>
<tr>
<th>Notes</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>9,309,208</td>
<td>9,934,028</td>
<td>8,688,850</td>
<td>9,490,044</td>
<td>6,031,434</td>
</tr>
<tr>
<td>2</td>
<td>332,330</td>
<td>348,678</td>
<td>344,401</td>
<td>353,935</td>
<td>522,077</td>
</tr>
<tr>
<td>3</td>
<td>134,724</td>
<td>104,787</td>
<td>183,392</td>
<td>150,393</td>
<td>248,567</td>
</tr>
<tr>
<td>4</td>
<td>35,416</td>
<td>42,480</td>
<td>43,031</td>
<td>33,253</td>
<td>38,927</td>
</tr>
<tr>
<td>5</td>
<td>370,855</td>
<td>254,720</td>
<td>292,683</td>
<td>312,157</td>
<td>309,493</td>
</tr>
<tr>
<td>6</td>
<td>254,925</td>
<td>169,649</td>
<td>200,152</td>
<td>235,313</td>
<td>224,050</td>
</tr>
<tr>
<td>7</td>
<td>56,915</td>
<td>165,375</td>
<td>179,907</td>
<td>45,313</td>
<td>75,510</td>
</tr>
<tr>
<td>8</td>
<td>1,234,874</td>
<td>1,176,595</td>
<td>1,170,826</td>
<td>1,223,543</td>
<td>1,290,561</td>
</tr>
<tr>
<td>9</td>
<td>0</td>
<td>339,019</td>
<td>-893,394</td>
<td>-515,853</td>
<td>212,574</td>
</tr>
</tbody>
</table>

**Total Fees**  
$11,729,247 $12,535,331 $10,209,848 $11,328,098 $8,953,192

**Transaction Costs**  
771,749 232,325 210,136 172,192 831,731

**Total Fees (net)**  
$12,500,996 $12,767,656 $10,419,984 $11,500,290 $9,784,924

**Basis Points**  
6.4 65.3 50.6 52.4 38.7

### Notes:

1. Investment management fees were lower in 2018 due to changes in investment management strategies and underlying managers. The amount includes investment advisory services for the overall hedge funds portfolio but excludes fees charged by the individual hedge fund managers. It also excludes fees for the real estate and infrastructure investments, as the investment income in these asset classes is net of fees.

2. Investment consulting includes fees for fund evaluation, performance measurement services, and special projects such as strategic asset allocations. These fees tend to vary from one year to the next.

3. These expenses include actuarial valuations, consulting for special projects, as well as ongoing actuarial services. Similar to investment consulting, these costs tend to vary from one year to the next.

4. Pension administration reflects external fees paid for the external pension administration system including costs related to producing employee benefit statements.

5. Other professional fees include legal fees. These fees tend to vary from one year to the next.

6. Other administration includes internal charges from the University of Ottawa, governance costs (pension committee expenses), and amounts paid to the Ontario Ministry of Finance. University of Ottawa internal charges are largely comprised of salaries and benefits for investment management and pension benefit administration staff.

7. The 2018 figure includes HST payment adjustments while the 2017 total includes HST recoveries for previous years.

8. Total administration fees for the year were within the approved budget.

9. Basis Points: one basis point is 1/100th of one percent. The numbers include investment advisory services for the hedge funds portfolio but excludes fees charged by the individual hedge fund managers. It also excludes fees for the real estate and infrastructure investments, as the investment income in these asset classes is net of fees.
Mandate of Pension Plan Committee

Save and except the powers to appoint the members of the committee, modify the pension plan, and appoint the trustees and investment managers of the pension fund which are under the exclusive jurisdiction of the Board of Governors, the Pension Plan Committee has been delegated all of the powers necessary for the interpretation of the pension plan and the administration of the pension fund.

In accordance with and without limiting the above, the Pension Plan Committee shall:

1. Monitor the administration of the pension fund so as to ensure compliance with the terms of the Plan bylaws, the pension fund expense policy, and the Statement of Investment Policies and Procedures. In order to fulfill this function, the PPC shall receive all relevant information including a copy of the Plan documents, the Annual Information Return and the related Statement of Investment Policies and Procedures, and the reports of the CIO in respect of fees and expenses charged to the fund and the relevant parts of the minutes of the meetings of the PFIC.

2. Monitor any proposed plan benefit modifications and advise the Board or one of its committees with respect to these modifications, and on any other matters on which the PPC has been asked by the Board or one of its committees to advise.

3. Monitor member communications so as to ensure an appropriate dissemination of Plan matters to the Plan members through the Associate Vice-President, Human Resources, as required.

4. Monitor the funding of the Plan, at least annually, and comment as appropriate. In order to fulfill this function, the PPC will receive the Plan’s audited financial statements and the actuarial reports. The PPC will also receive the reports of the Pension Fund Investment Committee to the Board of Governors.

5. Monitor compliance with legislation through receipt of copies of legislated reports/filings and of annual compliance reports from each of the CIO and the Associate Vice-President, Human Resources.

6. Interpret, when required, any matters relating to the Plan bylaws, the methods to be employed for the calculation of benefits and the determination of a right to a benefit.

7. Review and recommend on the actuarial valuation in a timely manner.

8. Review and recommend on policies relating to the administration of the pension fund, including the pension fund expense policy.

9. Review and recommend on the proposed annual budget of fees and expenses to be charged to the pension fund prepared by the CIO. The budget shall include an allowance for external assistance for the PPC as is necessary for the exercise of its mandate.

10. Request, through the Chair of the PPC, external assistance when necessary for the PPC to exercise its mandate, subject to the approved annual budget, and subject to the pension fund expense policy for unbudgeted amounts.

With respect to the SIPP, the PPC will review and comment on the SIPP prior to any recommendation by the PFIC to the Board. If there are differences between the PPC and the PFIC after the PFIC has provided a response to the PPC on its comments and recommendations, a meeting between the PPC and the Chair of the PFIC will take place if requested. On those parts of the SIPP where there is still a disagreement following such a meeting, the PPC will make its own recommendation to the Board of Governors.

The PPC shall report to the Board at least annually or more often as requested, on relevant pension issues within its mandate.

Source: Pension Governance Structure (November 2002)
Pension Plan Committee Membership

Representatives of the Board of Governors
Alain Jolicoeur, Chair  
Alex Beraskow  

President, AMPRA Inc.  
Member, Board of Governors

Associate Vice-President, Financial Resources
Marie-Claude Fillion  
Associate Vice-President, Financial Resources

Associate Vice-President, Human Resources
Elvio Buono  
Associate Vice-President, Human Resources

APUO Representatives
Michel Desjardins  
Administrative Director, APUO
Jeanette Anne Hatherill  
Scholarly Communication Librarian
Sharon O’Sullivan  
Associate Professor, Telfer School of Management
Daniel Paré  
Associate Professor, Department of Communication, School of Information Studies, and Institute for Science, Society, and Policy—Faculty of Arts

Representative of Retired Support Staff
Claude Dufresne  
Retiree

OSSTF Representatives
Alp Oran  
Undergraduate Laboratory Coordinator, Faculty of Science
Marc Villeneuve  
Distance Education & Off-Campus Coordinator, Teaching and Learning Support Service
Jonathan Degan  
Active Learning Technologist, Library

PIPSC Representative
Chris Stanton  
IT Technician

Representative of Retired Professors
Charles Belleau  
Retired Professor

IUOE Representative
Martin Ducharme  
Senior Third Class Engineer, Facilities Services

Ex-Officio
Jacques Frémont  
President and Vice-Chancellor

Secretary of Committee
Zainab Karouni  
Governance Officer, Office of the Secretary-General
Mandate of Pension Fund Investment Committee

The Pension Fund Investment Committee will, after giving proper consideration to the comments and recommendations of the PPC, recommend to the Board of Governors the approval of the Plan’s related SIPP. This includes establishing the return on investment objective and risk tolerance including the asset mix policy and strategic ranges for class assets.

**3. Approve the adoption of any investment manager mandates related to the Plan.**

**4. Approve the adoption of any securities lending agreements related to the Plan.**

**5. Approve the appointment, removal or retention of the investment managers.**

The PFIC shall report to the Board of Governors at least semi-annually or more often as requested, on relevant pension issues within its mandate.

*(Textual excerpt from the Pension Governance Structure, November 2002, approved by the Board of Governors of the University of Ottawa, and revised on May 28, 2012)*

Pension Fund Investment Committee Membership

**Chair, External Member**

Richard Fortier  
Chairman of the Board, Retraite Québec

**Member of the Board of Governors**

Vacant

**External Members**

Stephen A. Cotsman  
Former Managing Director/CEO, CBC Pension Plan

Josée Mondoux  
Director, Investments, Canadian Medical Protective Association

**Ex-Officio**

Robert Bourgeois  
Vice-President, Resources

**APUO Representatives**

Darlene Himick  
Associate Professor, Telfer School of Management, University of Ottawa

Tyler Chamberlin  
Associate Professor, Telfer School of Management, University of Ottawa

**Member of the Plan**

Renée Guénette  
Director of Financial Accounting, Financial Resources

**Secretary Committee**

Zainab Karouni  
Governance Officer, Office of the Secretary-General

*An external member is a person who is neither employed by the University of Ottawa, nor a member of the Board of Governors, nor a member of the Plan.*
Pension Plan and Benefits

Telephone: 613-562-5800 ext. 1206
Fax: 613-562-5296
Email: hrpension@uottawa.ca

Human Resources

University of Ottawa
550, Cumberland, Room 019
Ottawa, ON K1N 6N5

Pension Fund and Investment Management

Chief Investment Officer
Tom Valks

Director, Investments
Jonathan Sum
Natasha Trainor

Website and Retirement Planning Tool
uottawa.ca/human-resources

Additional Information

The website provides an important communication tool for active employees and retired pension plan members. The index on the home page directs active staff members (with a special sub-section for employees nearing retirement) and retired members to the forms and information that matter most to them. Visit the website for Plan Information, Forms and Guides, Activities, Planning, Publications, Plan Management, Contacts and Contribution/Pension Benefit Simulators.