## The UNIVERSITY OF WESTERN ONTARIO Lifecycle Funds Summary of Providers

| Provider             | Lifecycle Fund<br>Family Name | Are you interested/authorized<br>in providing your lifecycle<br>Funds to the Western defined<br>contribution retirement<br>plans? | Are your lifecycle<br>funds<br>specifically designed<br>for Canadian investors<br>from an investment<br>point of view? | What are your fees?  | Would you<br>be willing to use<br>Western's<br>investment<br>options to build a<br>set of target-date<br>funds? | Are your<br>lifecycle funds<br>RRSP eligible? |
|----------------------|-------------------------------|---|--|--|---|---|
|                      |                               |   |  | For design and<br>implementation only:<br>First \$100M: 12 bps<br>Next \$900M: 8 bps<br>Above \$1B: 5 bps<br>Minimum account size:   |   |   |
|                      |                               |   |  | \$100M<br>For Fund Management:<br>2000 Fund: 55 bps<br>2005 Fund: 60 bps<br>2010 Fund: 60 bps<br>2015 Fund: 60 bps<br>2020 Fund: 60 bps<br>2020 Fund: 65 bps<br>2030 Fund: 65 bps<br>2035 Fund: 65 bps<br>2040 Fund: 65 bps<br>2045 Fund: 65 bps |   | No; UWO would<br>need to create               |
| AllianceBernstein    | Retirement<br>Strategies      | Yes   | Yes  | 2050 Fund: 65 bps<br>2055 Fund: 65 bps   | Yes   | mutual fund trusts.                           |
| Barclays             | LifePath Funds                | Yes   | Yes  | First \$50M: 22 bps<br>Next \$50M: 16 bps<br>Above \$100M: 14 bps  | Yes   | Yes   |
| Fidelity Investments | ClearPath Funds               | Yes   | Yes  | First \$10M:<br>Income Fund: 45 bps<br>2010 Fund: 50 bps<br>2015 Fund: 50 bps  | No  | Yes   |

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|----------|-------------------------------|---|--|---|---|---|
|          |                               |   |  | 2020 Fund: 55 bps<br>2025 Fund: 55 bps<br>2030 Fund: 60 bps<br>2035 Fund: 60 bps<br>2040 Fund: 60 bps<br>2045 Fund: 60 bps  |   |   |
|          |                               |   |  | Next \$30M:<br>Income Fund: 45 bps<br>2010 Fund: 50 bps<br>2015 Fund: 50 bps<br>2020 Fund: 55 bps<br>2025 Fund: 55 bps<br>2030 Fund: 55 bps<br>2035 Fund: 55 bps<br>2040 Fund: 60 bps |   |   |
|          |                               |   |  | 2045 Fund: 60 bps<br><b>Next \$35M:</b><br>Income Fund: 45 bps<br>2010 Fund: 50 bps<br>2015 Fund: 50 bps<br>2020 Fund: 50 bps<br>2025 Fund: 55 bps<br>2030 Fund: 55 bps               |   |   |
|          |                               |   |  | 2035 Fund: 55 bps<br>2040 Fund: 55 bps<br>2045 Fund: 55 bps<br><b>Next \$75M:</b><br>Income Fund: 40 bps<br>2010 Fund: 45 bps<br>2015 Fund: 50 bps<br>2020 Fund: 50 bps               |   |   |

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|------------------------------|-------------------------------|---|--|---|--|---|
|                              |                               |   |  | 2025 Fund: 50 bps<br>2030 Fund: 55 bps<br>2035 Fund: 55 bps<br>2040 Fund: 55 bps<br>2045 Fund: 55 bps   |  |   |
|                              |                               |   |  | <b>Above \$150M:</b><br>Income Fund: 40 bps<br>2010 Fund: 45 bps<br>2015 Fund: 45 bps<br>2020 Fund: 50 bps<br>2025 Fund: 50 bps<br>2030 Fund: 50 bps<br>2035 Fund: 50 bps<br>2040 Fund: 55 bps<br>2045 Fund: 55 bps |  |   |
| Franklin Templeton           | LifeSmart<br>Portfolios       | Yes   | Yes  | First \$25M: 55 bps<br>Next \$25M: 50bps<br>Next \$50M: 45bps<br>Above \$100M: 40bps  | Have the ability to<br>customize and<br>would be willing<br>to discuss further<br>to understand our<br>needs better. | Yes   |
| Invesco Trimark <sup>1</sup> | Premia Plus<br>Portfolios     | No  | No   | n/a<br>First \$1.5M: 85 bps<br>Next \$3.5M: 65 bps<br>Next \$15M: 55 bps<br>Over \$20M: 50 bps  | No   | No  |
| London Life<br>London Life   | Cadence<br>Continuum          | Yes<br>Yes  | Yes<br>Yes   | First \$1.5M: 90 bps<br>Next \$3.5M: 70 bps   | Yes<br>Yes   | Yes<br>Yes                                    |

<sup>&</sup>lt;sup>1</sup> Invesco Trimark is in the process of adapting its Premia Plus Portfolios for the Canadian market.

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|-----------------------|---|---|--|--|--|---|
|                       |   |   |  | Next \$15M: 60 bps<br>Over \$20M: 55 bps   |  |   |
| McLean Budden         | LifePlan<br>Retirement Funds                    | Yes   | Yes  | First \$2M: 75 bps<br>Next \$3M: 45 bps<br>Next \$5M: 30 bps<br>Next \$15M: 25bps<br>Above \$25M: 20 bps   | Yes. At a<br>minimum, McLean<br>Budden would like<br>to manage two of<br>the asset classes;<br>fees with respect to<br>glidepath work and<br>number of asset<br>classes can be<br>discussed as UWO<br>gains clarity on the<br>direction it might<br>be taking. | No  |
|                       | LifePoints Target                               |   |  | First \$20M: 52 bps<br>Next \$30M: 47 bps<br>Next \$50M: 42 bps<br>Over \$100M: 39 bps   |  |   |
| Russell<br>Scotiabank | Date Funds<br>Vision Portfolios<br>Conservative | Yes   | Yes  | 2010 Portfolio: 160 bps<br>2015 Portfolio: 170 bps<br>2020 Portfolio: 180 bps<br>2030 Portfolio: 200 bps<br>20 bps rebate if assets are<br>between \$250,000 and<br>\$1,000,000;<br>30 bps rebate if assets ><br>\$1,000,000 | No   | Yes   |
|                       | Vision Portfolios                               |   |  | 2010 Portfolio: 165 bps<br>2015 Portfolio: 175 bps<br>2020 Portfolio: 185 bps  |  |   |
| Scotiabank            | Aggressive                                      | Yes   | Yes  | 2030 Portfolio: 205 bps  | No   | Yes   |

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|---------------------|----------------------------------|---|--|--|---|---|
|                     |                                  |   |  | 20 bps rebate if assets are<br>between \$250,000 and<br>\$1,000,000;<br>30 bps rebate if assets ><br>\$1,000,000 |   |   |
| Capital Guardian    | FundForLife                      | No Funds available for<br>Canadian investors  | n/a  | n/a  | n/a   | n/a   |
| Mackenzie Financial | Destination Funds                | No; their Destination Funds are<br>currently in the protected<br>portfolios and are closed for<br>new sales                       | Yes  | n/a  | n/a   | n/a   |
| ВМО                 | LifeStage Plus                   | No; not appropriate for Group<br>as the guarantee would be lost<br>if there's a withdrawal  | n/a  | n/a  | n/a   | n/a   |
| MassMutual          | Select Destination<br>Retirement | No  | n/a  | n/a  | n/a   | n/a   |
| Principal           | LifeTime<br>Portfolios           | No  | n/a  | n/a  | n/a   | n/a   |
| Putnam              | RetirementReady                  | No  | n/a  | n/a  | n/a   | n/a   |
| Schwab              | Target Funds                     | No  | n/a  | n/a  | n/a   | n/a   |
| State Farm          | LifePath Funds                   | No  | n/a  | n/a  | n/a   | n/a   |
| T. Rowe Price       | Retirement Funds                 | No  | n/a  | n/a  | n/a   | n/a   |
| Vanguard            | Target Retirement<br>Funds       | No  | n/a  | n/a  | n/a   | n/a   |
| VantagePoint        | Milestone<br>Retirement          | No  | n/a  | n/a  | n/a   | n/a   |
| Wells Fargo         | Advantage DJ<br>Target Funds     | No  | n/a  | n/a  | n/a   | n/a   |

| ASSET WIX                    |         |                |       |       |       |        |        |       |       |        |       |
|------------------------------|---------|----------------|-------|-------|-------|--------|--------|-------|-------|--------|-------|
| Provider                     | As of   | Income<br>Fund | 2010  | 2015  | 2020  | 2025   | 2030   | 2035  | 2040  | 2045   | 2050  |
|                              | Jan 1,  | 35%            | 66.4% | 73.4% | 80.4% | 87.01% | 90.64% | 95%   | 95%   | 95%    | 95%   |
| AllianceBernstein*           | 2009    |                |       |       |       |        |        |       |       |        |       |
| Barclays                     | Q1 2009 | 40.0%          | 43.4% | 56.3% | 65.1% | 73.2%  | 82.2%  | 90.0% | 96.4% | 100.0% | n/a   |
| Fidelity                     | Oct 30, | 30%            | 42%   | 45%   | 61%   | 65%    | 77%    | 80%   | 84%   | 85%    | n/a   |
| Investments                  | 2008    |                |       |       |       |        |        |       |       |        |       |
| Franklin                     | Oct 1,  | 20%            | n/a   | n/a   | 50%   | n/a    | 60%    | n/a   | 70%   | n/a    | n/a   |
| Templeton                    | 2007    |                |       |       |       |        |        |       |       |        |       |
| Conservative                 |         |                |       |       |       |        |        |       |       |        |       |
| Franklin                     | Oct 1,  | 30%            | n/a   | n/a   | 60%   | n/a    | 70%    | n/a   | 80%   | n/a    | n/a   |
| Templeton                    | 2007    |                |       |       |       |        |        |       |       |        |       |
| Moderate                     |         |                |       |       |       |        |        |       |       |        |       |
| Franklin                     | Oct 1,  | 40%            | n/a   | n/a   | 70%   | n/a    | 80%    | n/a   | 90%   | n/a    | n/a   |
| Templeton Growth             | 2007    |                |       |       |       |        |        |       |       |        |       |
|                              | March   | n/a            | n/a   | n/a   | n/a   | n/a    | n/a    | n/a   | n/a   | n/a    | n/a   |
| Invesco Trimark <sup>2</sup> | 2009    |                |       |       |       |        |        |       |       |        |       |
|                              | Dec 31, | 36%            | 40%   | 51%   | 61%   | 69%    | 77%    | 83%   | 89%   | 93%    | 97%   |
| London Life                  | 2008    |                |       |       |       |        |        |       |       |        |       |
|                              | Dec 31, | n/a            | 40%   | 51%   | 60%   | 69%    | 77%    | 83%   | 89%   | 93%    | 97%   |
| London Life                  | 2008    |                |       |       |       |        |        |       |       |        |       |
|                              | Dec 31, | 35%            | 38%   | 48.5% | 54.5% | 60.5%  | 66.5%  | 72.5% | 78.5% | 84.2%  | 90.2% |
| McLean Budden                | 2008    |                |       |       |       |        |        |       |       |        |       |
|                              | Dec 31, | 20%            | 40.5% | n/a   | 51.3% | n/a    | 91.4%  | n/a   | n/a   | n/a    | n/a   |
| Russell                      | 2008    |                |       |       |       |        |        |       |       |        |       |
| Scotiabank                   | Feb 28  | n/a            | 35.4% | 41.5% | 46.2% | n/a    | 58.5%  | n/a   | n/a   | n/a    | n/a   |
| Conservative                 | 2009    |                |       |       |       |        |        |       |       |        |       |
| Scotiabank                   | Feb 28, | n/a            | 42.0% | 49.7% | 54.1% | n/a    | 66.0%  | n/a   | n/a   | n/a    | n/a   |
| Aggressive                   | 2009    |                |       |       |       |        |        |       |       |        |       |

## Lifecycle Funds Asset Mix

 $<sup>^{2}</sup>$  Invesco Trimark glidepath doesn't involve reducing the equity exposure over time. It involves maintaining the risk of the portfolio constant at 8% until there's 10 years left before the target date. At that time the cash component of the portfolio gradually increases to lower the risk of the portfolio to 5%. The funds invest in alternative investments, equities and bonds. The asset mix is determined by the economic environment.