

Columbia Seligman Premium Technology Growth Fund, Inc.  
Form N-Q  
May 29, 2012

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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

**FORM N-Q**

**QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED  
MANAGEMENT INVESTMENT COMPANY**

Investment Company Act file number 811-22328

Columbia Seligman Premium Technology Growth Fund, Inc.  
(Exact name of registrant as specified in charter)

50606 Ameriprise Financial Center Minneapolis, MN  
(Address of principal executive offices)

55474  
(Zip code)

Scott R. Plummer

5228 Ameriprise Financial Center

Minneapolis, MN 55474  
(Name and address of agent for service)

Registrant's telephone number, including area code: 1-612-671-1947

Date of fiscal year end: December 31

Date of reporting period: March 31, 2012

**Item 1. Schedule of Investments.**

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## Portfolio of Investments

*Columbia Seligman Premium Technology Growth Fund*

**March 31, 2012 (Unaudited)**

*(Percentages represent value of investments compared to net assets)*

| Issuer   | Shares  |    | Value      |
|--|---------|----|------------|
| <b>Common Stocks 94.4%</b>                                     |         |    |            |
| <b>CONSUMER DISCRETIONARY 0.9%</b>                             |         |    |            |
| <b>Household Durables 0.5%</b>                                 |         |    |            |
| Panasonic Corp.  | 154,300 | \$ | 1,438,828  |
| <b>Media 0.4%</b>  |         |    |            |
| Virgin Media, Inc.   | 56,000  |    | 1,398,880  |
| <b>TOTAL CONSUMER DISCRETIONARY</b>                            |         |    |            |
| <b>2,837,708</b>   |         |    |            |
| <b>HEALTH CARE 1.3%</b>  |         |    |            |
| <b>Health Care Equipment &amp; Supplies 0.3%</b>               |         |    |            |
| Hologic, Inc.(a)   | 35,000  |    | 754,250    |
| <b>Health Care Providers &amp; Services %</b>                  |         |    |            |
| Quest Diagnostics, Inc.  | 2,400   |    | 146,760    |
| <b>Life Sciences Tools &amp; Services 1.0%</b>                 |         |    |            |
| Agilent Technologies, Inc.                                     | 33,500  |    | 1,491,085  |
| Life Technologies Corp.(a)                                     | 24,900  |    | 1,215,618  |
| Thermo Fisher Scientific, Inc.                                 | 5,200   |    | 293,176    |
| <b>Total</b>   |         |    |            |
| <b>3,999,879</b>   |         |    |            |
| <b>TOTAL HEALTH CARE</b>                                       |         |    |            |
| <b>3,900,889</b>   |         |    |            |
| <b>INFORMATION TECHNOLOGY 91.1%</b>                            |         |    |            |
| <b>Communications Equipment 6.9%</b>                           |         |    |            |
| Cisco Systems, Inc.  | 214,100 |    | 4,528,215  |
| QUALCOMM, Inc.   | 224,245 |    | 15,253,145 |
| Radware, Ltd.  | 12,400  |    | 464,256    |
| <b>Total</b>   |         |    |            |
| <b>20,245,616</b>  |         |    |            |
| <b>Computers &amp; Peripherals 15.9%</b>                       |         |    |            |
| Apple, Inc.(a)   | 33,400  |    | 20,022,298 |
| Dell, Inc.(a)  | 452,300 |    | 7,508,180  |
| EMC Corp.(a)   | 272,100 |    | 8,130,348  |
| NetApp, Inc.(a)  | 217,700 |    | 9,746,429  |
| Western Digital Corp.(a)                                       | 37,300  |    | 1,543,847  |
| <b>Total</b>   |         |    |            |
| <b>46,951,102</b>  |         |    |            |
| <b>Electronic Equipment, Instruments &amp; Components 3.3%</b> |         |    |            |
| Avnet, Inc.(a)   | 177,000 |    | 6,441,030  |
| Flextronics International Ltd.(a)                              | 160,600 |    | 1,161,138  |
| IPG Photonics Corp.(a)   | 14,945  |    | 777,887    |
| Murata Manufacturing Co., Ltd.                                 | 20,300  |    | 1,211,181  |
| <b>Total</b>   |         |    |            |
| <b>9,591,236</b>   |         |    |            |
| <b>Internet Software &amp; Services 1.2%</b>                   |         |    |            |
| Baidu, Inc., ADR(a)  | 5,600   |    | 816,312    |

| Issuer  | Shares    |    | Value      |
|---|-----------|----|------------|
| <b>Common Stocks (continued)</b>                          |           |    |            |
| <b>INFORMATION TECHNOLOGY (CONTINUED)</b>                 |           |    |            |
| <b>Internet Software &amp; Services (continued)</b>       |           |    |            |
| Gree, Inc.  | 35,300    | \$ | 889,406    |
| Open Text Corp.(a)  | 14,200    |    | 868,330    |
| Yandex NV, Class A(a)                                     | 35,200    |    | 945,824    |
| <b>Total</b>  |           |    |            |
| <b>3,519,872</b>  |           |    |            |
| <b>IT Services 7.2%</b>                                   |           |    |            |
| Amdocs Ltd.(a)  | 353,060   |    | 11,149,635 |
| hiSoft Technology International Ltd., ADR                 | 108,384   |    | 1,627,928  |
| Visa, Inc., Class A                                       | 48,900    |    | 5,770,200  |
| WNS Holdings Ltd., ADR(a)                                 | 213,889   |    | 2,577,362  |
| <b>Total</b>  |           |    |            |
| <b>21,125,125</b>   |           |    |            |
| <b>Office Electronics 2.5%</b>                            |           |    |            |
| Canon, Inc.   | 31,400    |    | 1,502,053  |
| Xerox Corp.   | 744,600   |    | 6,016,368  |
| <b>Total</b>  |           |    |            |
| <b>7,518,421</b>  |           |    |            |
| <b>Semiconductors &amp; Semiconductor Equipment 21.3%</b> |           |    |            |
| Advanced Micro Devices, Inc.(a)                           | 2,904,655 |    | 23,295,333 |

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|  |         |                   |
|--|---------|-------------------|
| ASML Holding NV, NY Registered Shares, ADR | 42,800  | 2,145,992         |
| Avago Technologies Ltd.                    | 24,000  | 935,280           |
| Broadcom Corp., Class A(a)                 | 80,500  | 3,163,650         |
| KLA-Tencor Corp.                           | 237,000 | 12,897,540        |
| Microsemi Corp.(a)                         | 182,000 | 3,902,080         |
| Novellus Systems, Inc.(a)                  | 200,200 | 9,991,982         |
| Semtech Corp.(a)                           | 41,200  | 1,172,552         |
| Spansion, Inc., Class A(a)                 | 128,475 | 1,564,825         |
| Teradyne, Inc.(a)                          | 227,800 | 3,847,542         |
| <b>Total</b>                               |         | <b>62,916,776</b> |
| <b>Software 32.9%</b>                      |         |                   |
| BMC Software, Inc.(a)                      | 105,662 | 4,243,386         |
| Cadence Design Systems, Inc.(a)            | 133,200 | 1,577,088         |
| Check Point Software Technologies Ltd.(a)  | 72,200  | 4,609,248         |
| Citrix Systems, Inc.(a)                    | 19,700  | 1,554,527         |
| JDA Software Group, Inc.(a)                | 136,300 | 3,745,524         |
| Mentor Graphics Corp.(a)                   | 39,100  | 581,026           |
| Microsoft Corp.                            | 448,600 | 14,467,350        |
| Nuance Communications, Inc.(a)             | 331,200 | 8,472,096         |
| Oracle Corp.(b)                            | 203,000 | 5,919,480         |
| Parametric Technology Corp.(a)             | 272,068 | 7,601,580         |
| Quest Software, Inc.(a)                    | 50,700  | 1,179,789         |
| Rovi Corp.(a)                              | 171,600 | 5,585,580         |
| Symantec Corp.(a)                          | 862,300 | 16,125,010        |









| Issuer   | Shares        |           | Value                 |
|--|---------------|-----------|-----------------------|
| <b>Common Stocks (continued)</b>                   |               |           |                       |
| <b>INFORMATION TECHNOLOGY (CONTINUED)</b>          |               |           |                       |
| <b>Software (continued)</b>                        |               |           |                       |
| Synopsys, Inc.(a)                                  | 705,484       | \$        | 21,630,139            |
| <b>Total</b>                                       |               |           | <b>97,291,823</b>     |
| <b>TOTAL INFORMATION TECHNOLOGY</b>                |               |           | <b>269,159,971</b>    |
| <b>TELECOMMUNICATION SERVICES 1.0%</b>             |               |           |                       |
| <b>Diversified Telecommunication Services 1.0%</b> |               |           |                       |
| AT&T, Inc.   | 93,100        |           | 2,907,513             |
| <b>Common Stocks (continued)</b>                   |               |           |                       |
| <b>TOTAL TELECOMMUNICATION SERVICES</b>            |               |           | <b>2,907,513</b>      |
| <b>Total Common Stocks</b>                         |               |           |                       |
| <b>(Cost: \$230,213,236)</b>                       |               | <b>\$</b> | <b>278,806,081</b>    |
|  | <b>Shares</b> |           | <b>Value</b>          |
| <b>Money Market Funds 6.1%</b>                     |               |           |                       |
| Columbia Short-Term Cash Fund, 0.161%(c)(d)(e)     | 17,951,280    | \$        | 17,951,280            |
| <b>Total Money Market Funds</b>                    |               | <b>\$</b> | <b>17,951,280</b>     |
| <b>(Cost: \$17,951,280)</b>                        |               | <b>\$</b> |                       |
| <b>Total Investments</b>                           |               | <b>\$</b> | <b>296,757,361(g)</b> |
| <b>(Cost: \$248,164,516)(f)</b>                    |               | <b>\$</b> | <b>(1,304,747)</b>    |
| Other Assets & Liabilities, Net                    |               |           |                       |
| <b>Net Assets</b>                                  |               | <b>\$</b> | <b>295,452,614</b>    |

**Investment in Derivatives**

**Open Options Contracts Written at March 31, 2012**

| Issuer           | Puts/Calls | Number of Contracts | Exercise Price | Premium Received | Expiration Date | Value        |
|------------------|------------|---------------------|----------------|------------------|-----------------|--------------|
| Apple, Inc.      | Put        | 39                  | \$ 350.00      | \$ 120,666       | July 2012       | \$ 4,329     |
| NASDAQ 100 Index | Call       | 550                 | 725.00         | 2,605,722        | April 2012      | 3,129,500    |
| Oracle Corp.     | Call       | 649                 | 40.00          | 59,342           | Jan. 2013       | 15,252       |
| Oracle Corp.     | Put        | 1,299               | 20.00          | 233,838          | Jan. 2013       | 68,847       |
| Total            |            |                     |                |                  |                 | \$ 3,217,928 |

**Notes to Portfolio of Investments**

- (a) Non-income producing.
- (b) At March 31, 2012, securities valued at \$1,892,484 were held to cover open call options written.
- (c) The rate shown is the seven-day current annualized yield at March 31, 2012.
- (d) Investments in affiliates during the period ended March 31, 2012:

| Issuer                        | Beginning Cost | Purchase Cost | Sales Cost/ Proceeds from Sales | Realized Gain/Loss | Ending Cost   | Dividends or Interest Income | Value         |
|-------------------------------|----------------|---------------|---------------------------------|--------------------|---------------|------------------------------|---------------|
| Columbia Short-Term Cash Fund | \$ 7,300,551   | \$ 58,749,477 | \$ (48,098,748)                 | \$                 | \$ 17,951,280 | \$ 5,470                     | \$ 17,951,280 |

- (e) At March 31, 2012, cash or short-term securities were designated to cover open put and/or call options written.

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- (f) At March 31, 2012, the cost of securities for federal income tax purposes was approximately \$248,165,000 and the approximate aggregate gross unrealized appreciation and depreciation based on that cost was:

|                             |    |             |
|-----------------------------|----|-------------|
| Unrealized Appreciation     | \$ | 50,642,000  |
| Unrealized Depreciation     |    | (2,050,000) |
| Net Unrealized Appreciation | \$ | 48,592,000  |

- (g) Securities are valued using policies described in the notes to financial statements in the most recent shareholder report.

### Abbreviation Legend

ADR American Depositary Receipt

### Fair Value Measurements

Generally accepted accounting principles (GAAP) require disclosure regarding the inputs and valuation techniques used to measure fair value and any changes in valuation inputs or techniques. In addition, investments shall be disclosed by major category.

The Fund categorizes its fair value measurements according to a three-level hierarchy that maximizes the use of observable inputs and minimizes the use of unobservable inputs by prioritizing that the most observable input be used when available. Observable inputs are those that market participants would use in pricing an investment based on market data obtained from sources independent of the reporting entity. Unobservable inputs are those that reflect the Fund's assumptions about the information market participants would use in pricing an investment. An investment's level within the fair value hierarchy is based on the lowest level of any input that is deemed significant to the asset or liability's fair value measurement. The input levels are not necessarily an indication of the risk or liquidity associated with investments at that level. For example, certain U.S. government securities are generally high quality and liquid, however, they are reflected as Level 2 because the inputs used to determine fair value may not always be quoted prices in an active market.

Fair value inputs are summarized in the three broad levels listed below:

- Level 1 - Valuations based on quoted prices for investments in active markets that the Fund has the ability to access at the measurement date (including NAV for open-end mutual funds). Valuation adjustments are not applied to Level 1 investments.
- Level 2 - Valuations based on other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risks, etc.).
- Level 3 - Valuations based on significant unobservable inputs (including the Fund's own assumptions and judgment in determining the fair value of investments).

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Inputs that are used in determining fair value of an investment may include price information, credit data, volatility statistics, and other factors. These inputs can be either observable or unobservable. The availability of observable inputs can vary between investments, and is affected by various factors such as the type of investment, and the volume and level of activity for that investment or similar investments in the marketplace. The inputs will be considered by the Investment Manager, along with any other relevant factors in the calculation of an investment's fair value. The Fund uses prices and inputs that are current as of the measurement date, which may include periods of market dislocations. During these periods, the availability of prices and inputs may be reduced for many investments. This condition could cause an investment to be reclassified between the various levels within the hierarchy.

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Foreign equity securities actively traded in markets where there is a significant delay in the local close relative to the New York Stock Exchange (NYSE) are classified as Level 2. The values of these securities may include an adjustment to reflect the impact of significant market movements following the close of local trading, as described in Note 2 to the financial statements Security Valuation in the most recent Annual Report dated December 31, 2011.

Investments falling into the Level 3 category are primarily supported by quoted prices from brokers and dealers participating in the market for those investments. However, these may be classified as Level 3 investments due to lack of market transparency and corroboration to support these quoted prices. Additionally, valuation models may be used as the pricing source for any remaining investments classified as Level 3. These models rely on one or more significant unobservable inputs and/or significant assumptions by the Investment Manager. Inputs used in valuations may include, but are not limited to, financial statement analysis, capital account balances, discount rates and estimated cash flows, and comparable company data.

Under the direction of the Fund's Board of Trustees (the Board), the Investment Manager's Valuation Committee (the Committee) is responsible for carrying out the valuation procedures approved by the Board. The Committee consists of voting and non-voting members from various groups within the Investment Manager's organization, including operations and accounting, trading and investments, compliance, risk management and legal.

The Committee meets at least monthly to review and approve valuation matters, which may include a description of specific valuation determinations, data regarding pricing information received from approved pricing vendors and brokers and the results of Board-approved valuation control policies and procedures (the Policies). The Policies address, among other things, instances when market quotations are readily available, including recommendation of third party pricing vendors and a determination of appropriate pricing methodologies; events that require specific valuation determinations and assessment of fair value techniques; securities with a potential for stale pricing, including those that are illiquid, restricted, or in default; and the effectiveness of third-party pricing vendors, including periodic reviews of vendors. The Committee meets more frequently, as needed, to discuss additional valuation matters, which may include the need to review back-testing results, review time-sensitive information or approve related valuation actions. The Committee reports to the Board, with members of the Committee meeting with the Board at each of its regularly scheduled meetings to discuss valuation matters and actions during the period, similar to those described earlier.

For investments categorized as Level 3, the Committee monitors information similar to that described above, which may include: (i) data specific to the issuer or comparable issuers, (ii) general market or specific sector news and (iii) quoted prices and specific or similar security transactions. The Committee considers this data and any changes from prior periods in order to assess the reasonableness of observable and unobservable inputs, any assumptions or internal models used to value those securities and changes in fair value. This data is also used to corroborate, when available, information received from approved pricing vendors and brokers. Various factors impact the frequency of monitoring this information (which may occur as often as daily). However, the Committee may determine that changes to inputs, assumptions and models are not required as a result of the monitoring procedures performed.

The following table is a summary of the inputs used to value the Fund's investments as of March 31, 2012:

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| Description                | Fair value at March 31, 2012   |   |  | Total          |
|----------------------------|--|---|--|----------------|
|                            | Level 1<br>quoted prices<br>in active<br>markets for<br>identical assets | Level 2<br>other<br>significant<br>observable<br>inputs | Level 3<br>significant<br>unobservable<br>inputs |                |
| Equity Securities          |  |   |  |                |
| Common Stocks              |  |   |  |                |
| Consumer Discretionary     | \$ 1,398,880   | \$ 1,438,828  | \$   | \$ 2,837,708   |
| Health Care                | 3,900,889  |   |  | 3,900,889      |
| Information Technology     | 265,557,332  | 3,602,639   |  | 269,159,971    |
| Telecommunication Services | 2,907,513  |   |  | 2,907,513      |
| Total Equity Securities    | 273,764,614  | 5,041,467   |  | 278,806,081    |
| Other                      |  |   |  |                |
| Money Market Funds         | 17,951,280   |   |  | 17,951,280     |
| Total Other                | 17,951,280   |   |  | 17,951,280     |
| Investments in Securities  | 291,715,894  | 5,041,467   |  | 296,757,361    |
| Derivatives                |  |   |  |                |
| Liabilities                |  |   |  |                |
| Options Contracts Written  | (3,217,928)  |   |  | (3,217,928)    |
| Total                      | \$ 288,497,966   | \$ 5,041,467  | \$   | \$ 293,539,433 |

See the Portfolio of Investments for all investment classifications not indicated in the table.

The Fund's assets assigned to the Level 2 input category are generally valued using the market approach, in which a security's value is determined through reference to prices and information from market transactions for similar or identical assets. These assets include certain foreign securities for which a third party statistical pricing service may be employed for purposes of fair market valuation. The models utilized by the third party statistical pricing service take into account a security's correlation to available market data including, but not limited to, intraday index, ADR, and ETF movements.

There were no transfers between Levels 1 and 2 during the period.

**Item 2. Controls and Procedures.**

(a) The registrant's principal executive officer and principal financial officers, based on their evaluation of the registrant's disclosure controls and procedures as of a date within 90 days of the filing of this report, have concluded that such controls and procedures are adequately designed to ensure that information required to be disclosed by the registrant in Form N-Q is accumulated and communicated to the registrant's management, including the principal executive officer and principal financial officer, or persons performing similar functions, as appropriate to allow timely decisions regarding required disclosure.

(b) There was no change in the registrant's internal control over financial reporting that occurred during the registrant's last fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

**Item 3. Exhibits.**

Certifications pursuant to Rule 30a-2(a) under the Investment Company Act of 1940 (17 CFR 270.30a-2(a)) attached hereto as Exhibit 99.CERT.

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**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

(registrant) Columbia Seligman Premium Technology Growth Fund, Inc.

By (Signature and Title) /s/ J. Kevin Connaughton  
J. Kevin Connaughton, President and Principal  
Executive Officer

Date May 23, 2012

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By (Signature and Title) /s/ J. Kevin Connaughton  
J. Kevin Connaughton, President and Principal  
Executive Officer

Date May 23, 2012

By (Signature and Title) /s/ Michael G. Clarke  
Michael G. Clarke, Treasurer and Chief Financial  
Officer

Date May 23, 2012

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