

MINISTRY OF RESEARCH AND INNOVATION

The ministry focuses its efforts on activities which support a stronger Ontario in the creation of jobs in today's and future economies by: implementing research and innovation policies and programs based on expert advice to ensure an agenda to deliver excellence, performance and results; working closely with our partner ministries to implement programs to achieve future social, environmental and economic benefits; and fostering a culture of innovation and showcasing Ontario, nationally and internationally, as an innovation-based economy and society.

The ministry's key priorities are: extracting value from Ontario's excellence in research and commercialization; focusing investment in areas where Ontario can be globally competitive; leveraging skills and knowledge; developing an innovation-friendly business climate; and enhancing the Ontario government's role as a catalyst for change.

MINISTRY PROGRAM SUMMARY

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| VOTE PROGRAM | Estimates 2009-10 | Estimates 2008-09 | Difference Between 2009-10 and 2008-09 | Actual 2007-08 |
|--|----------------------|----------------------|--|--------------------|
| OPERATING EXPENSE | | | | |
| 4301 Research and Innovation Program | 394,393,600 | 403,685,900 | (9,292,300) | 289,509,375 |
| TOTAL OPERATING EXPENSE TO BE VOTED | 394,393,600 | 403,685,900 | (9,292,300) | 289,509,375 |
| Statutory Appropriations | 115,014 | 65,014 | 50,000 | 36,364 |
| Ministry Total Operating Expense | 394,508,614 | 403,750,914 | (9,242,300) | 289,545,739 |
| Net Consolidation Adjustment - Colleges | (2,130,000) | - | (2,130,000) | - |
| Net Consolidation Adjustment - Hospitals | (11,796,300) | (19,675,000) | 7,878,700 | (26,160,486) |
| Other Adjustment - Ontario Capital Growth Corporation | 23,420,000 | (75,000,000) | 98,420,000 | - |
| Total Including Consolidation & Other Adjustments | 404,002,314 | 309,075,914 | 94,926,400 | 263,385,253 |
| OPERATING ASSETS | | | | |
| 4301 Research and Innovation Program | 7,848,000 | 15,172,000 | (7,324,000) | 1,657,388 |
| TOTAL OPERATING ASSETS TO BE VOTED | 7,848,000 | 15,172,000 | (7,324,000) | 1,657,388 |
| Ministry Total Operating Assets | 7,848,000 | 15,172,000 | (7,324,000) | 1,657,388 |

MINISTRY PROGRAM SUMMARY

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| VOTE PROGRAM | Estimates 2009-10 | Estimates 2008-09 | Difference Between 2009-10 and 2008-09 | Actual 2007-08 |
|--|----------------------|----------------------|--|--------------------|
| CAPITAL EXPENSE | | | | |
| 4301 Research and Innovation Program | 111,905,000 | 86,126,000 | 25,779,000 | 124,449,683 |
| TOTAL CAPITAL EXPENSE TO BE VOTED | 111,905,000 | 86,126,000 | 25,779,000 | 124,449,683 |
| Statutory Appropriations | 1,000 | - | 1,000 | - |
| Ministry Total Capital Expense | 111,906,000 | 86,126,000 | 25,780,000 | 124,449,683 |
| Net Consolidation Adjustment - Hospitals | (13,200,000) | (12,400,000) | (800,000) | - |
| Total Including Consolidation & Other Adjustments | 98,706,000 | 73,726,000 | 24,980,000 | 124,449,683 |
| CAPITAL ASSETS | | | | |
| 4301 Research and Innovation Program | 1,000 | - | 1,000 | - |
| TOTAL CAPITAL ASSETS TO BE VOTED | 1,000 | - | 1,000 | - |
| Ministry Total Capital Assets | 1,000 | - | 1,000 | - |
| Ministry Total Operating and Capital Including Consolidation and Other Adjustments (not including Assets) | 502,708,314 | 382,801,914 | 119,906,400 | 387,834,936 |

RESEARCH AND INNOVATION PROGRAM - VOTE 4301

The program supports a stronger Ontario by: delivering on the Ontario Innovation Agenda which sets out a comprehensive, targeted and coordinated agenda for promoting research and innovation in Ontario; delivering research, skills development, business development and commercialization programs focusing on key sectors and regional development opportunities; working in partnership with the Ministry of Economic Development to deliver the government's Next Generation of Jobs Fund; and developing and delivering an overarching strategy for public and stakeholder outreach and promotion to create a broad awareness of excellence and success in research and innovation across Ontario and to attract world-class talent and investment.

VOTE SUMMARY

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| ITEM # | ITEM | Estimates 2009-10 | Estimates 2008-09 | Difference Between 2009-10 and 2008-09 | Actual 2007-08 |
|--|--|--------------------|--------------------|--|--------------------|
| OPERATING EXPENSE | | | | | |
| 1 | Research and Innovation | 394,393,600 | 403,685,900 | (9,292,300) | 289,509,375 |
| TOTAL OPERATING EXPENSE TO BE VOTED | | 394,393,600 | 403,685,900 | (9,292,300) | 289,509,375 |
| S | Minister's Salary, the <i>Executive Council Act</i> | 47,841 | 47,841 | - | 20,191 |
| S | Parliamentary Assistant's Salary, the <i>Executive Council Act</i> | 16,173 | 16,173 | - | 16,173 |
| S | Bad Debt Expense, the <i>Financial Administration Act</i> | 51,000 | 1,000 | 50,000 | - |
| Total Statutory Appropriations | | 115,014 | 65,014 | 50,000 | 36,364 |
| Total Operating Expense | | 394,508,614 | 403,750,914 | (9,242,300) | 289,545,739 |
| OPERATING ASSETS | | | | | |
| 2 | Research and Innovation | 7,848,000 | 15,172,000 | (7,324,000) | 1,657,388 |
| TOTAL OPERATING ASSETS TO BE VOTED | | 7,848,000 | 15,172,000 | (7,324,000) | 1,657,388 |
| Total Operating Assets | | 7,848,000 | 15,172,000 | (7,324,000) | 1,657,388 |

VOTE SUMMARY
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| ITEM # | ITEM | Estimates 2009-10 | Estimates 2008-09 | Difference Between 2009-10 and 2008-09 | Actual 2007-08 |
|--|---|----------------------|----------------------|--|--------------------|
| CAPITAL EXPENSE | | | | | |
| 3 | Research and Innovation | 111,905,000 | 86,126,000 | 25,779,000 | 124,449,683 |
| TOTAL CAPITAL EXPENSE TO BE VOTED | | 111,905,000 | 86,126,000 | 25,779,000 | 124,449,683 |
| S | Amortization, the <i>Financial Administration Act</i> | 1,000 | - | 1,000 | - |
| Total Statutory Appropriations | | 1,000 | - | 1,000 | - |
| Total Capital Expense | | 111,906,000 | 86,126,000 | 25,780,000 | 124,449,683 |
| CAPITAL ASSETS | | | | | |
| 4 | Research and Innovation | 1,000 | - | 1,000 | - |
| TOTAL CAPITAL ASSETS TO BE VOTED | | 1,000 | - | 1,000 | - |
| Total Capital Assets | | 1,000 | - | 1,000 | - |

RESEARCH AND INNOVATION PROGRAM - VOTE 4301, cont'd

STANDARD ACCOUNTS CLASSIFICATION

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| VOTE - ITEM # | STANDARD ACCOUNT BY ITEM AND SUB-ITEMS | | |
|------------------|---|------------|--------------------|
| | OPERATING EXPENSE | | |
| 4301-1 | Research and Innovation | | |
| | Salaries and wages | | 13,088,800 |
| | Employee benefits | | 1,681,400 |
| | Transportation and communication | | 1,309,800 |
| | Services | | 10,372,900 |
| | Supplies and equipment | | 731,000 |
| | Transfer payments | | |
| | Centre for Research and Innovation in the Bio-economy | 7,500,000 | |
| | Commercialization and Innovation Network Support | 55,420,000 | |
| | Emerging Technologies Fund | 50,000,000 | |
| | Grants in Support of Innovation and Commercialization | 225,100 | |
| | Innovation Demonstration Fund | 15,733,500 | |
| | Innovation Demonstration Fund - Interest Incentives | 100,000 | |
| | International Collaborations | 1,500,000 | |
| | Next Generation of Jobs Fund - Biopharmaceutical Investment Program | 27,700,000 | |
| | Next Generation of Jobs Fund - Interest Incentives | 100,000 | |
| | Ontario Commercialization Investment Fund | 1,000,000 | |
| | Ontario Institute for Cancer Research | 82,000,000 | |
| | Ontario Spinal Cord Research Partnership | 2,537,000 | |
| | Science and Technology Connections and Partnerships | 2,500,000 | |
| | Social Innovation Generation | 2,000,000 | |
| | Grants in Support of Science and Research | 225,100 | |
| | Ontario Genomics Institute | 5,000,000 | |
| | Ontario Research and Development Challenge Fund | 4,664,300 | |
| | Ontario Research Fund | 94,804,700 | |
| | Research Talent Programs | 16,200,000 | 369,209,700 |
| | Subtotal | | 396,393,600 |
| | Less: Recoveries | | 2,000,000 |
| | Total Operating Expense to be Voted | | 394,393,600 |

RESEARCH AND INNOVATION PROGRAM - VOTE 4301, cont'd

STANDARD ACCOUNTS CLASSIFICATION, cont'd

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VOTE -
ITEM STANDARD ACCOUNT BY ITEM AND SUB-ITEMS
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OPERATING EXPENSE*Sub-Items:**Ministry Administration*

| | | |
|----------------------------------|-----------|-----------|
| Salaries and wages | 2,949,100 | |
| Employee benefits | 357,200 | |
| Transportation and communication | 297,500 | |
| Services | 1,040,700 | |
| Supplies and equipment | 222,500 | 4,867,000 |
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RESEARCH AND INNOVATION PROGRAM - VOTE 4301, cont'd

STANDARD ACCOUNTS CLASSIFICATION, cont'd

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| VOTE - ITEM # | STANDARD ACCOUNT BY ITEM AND SUB-ITEMS | |
|--|--|--------------------|
| OPERATING EXPENSE | | |
| <i>Innovation and Commercialization</i> | | |
| Salaries and wages | | 5,626,700 |
| Employee benefits | | 735,000 |
| Transportation and communication | | 537,300 |
| Services | | 6,408,700 |
| Supplies and equipment | | 313,500 |
| Transfer payments | | |
| Centre for Research and Innovation in the Bio-economy | 7,500,000 | |
| Commercialization and Innovation Network Support | 55,420,000 | |
| Emerging Technologies Fund | 50,000,000 | |
| Grants in Support of Innovation and Commercialization | 225,100 | |
| Innovation Demonstration Fund | 15,733,500 | |
| Innovation Demonstration Fund - Interest Incentives | 100,000 | |
| International Collaborations | 1,500,000 | |
| Next Generation of Jobs Fund - Biopharmaceutical Investment Program | 27,700,000 | |
| Next Generation of Jobs Fund - Interest Incentives | 100,000 | |
| Ontario Commercialization Investment Fund | 1,000,000 | |
| Ontario Institute for Cancer Research | 82,000,000 | |
| Ontario Spinal Cord Research Partnership | 2,537,000 | |
| Science and Technology Connections and Partnerships | 2,500,000 | |
| Social Innovation Generation | 2,000,000 | 248,315,600 |
| Subtotal | | <u>261,936,800</u> |
| Less: Recoveries | | <u>2,000,000</u> |
| | | 259,936,800 |

RESEARCH AND INNOVATION PROGRAM - VOTE 4301, cont'd

STANDARD ACCOUNTS CLASSIFICATION, cont'd

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| VOTE - ITEM # | STANDARD ACCOUNT BY ITEM AND SUB-ITEMS | | | |
|---------------------------------|--|------------|-------------|--------------------|
| OPERATING EXPENSE | | | | |
| <i>Science and Research</i> | | | | |
| | Salaries and wages | | 4,513,000 | |
| | Employee benefits | | 589,200 | |
| | Transportation and communication | | 475,000 | |
| | Services | | 2,923,500 | |
| | Supplies and equipment | | 195,000 | |
| | Transfer payments | | | |
| | Grants in Support of Science and Research | 225,100 | | |
| | Ontario Genomics Institute | 5,000,000 | | |
| | Ontario Research and Development | | | |
| | Challenge Fund | 4,664,300 | | |
| | Ontario Research Fund | 94,804,700 | | |
| | Research Talent Programs | 16,200,000 | 120,894,100 | 129,589,800 |
| | Total Operating Expense to be Voted | | | 394,393,600 |
| Statutory Appropriations | | | | |
| S | Minister's Salary, the <i>Executive Council Act</i> | | | 47,841 |
| S | Parliamentary Assistant's Salary, the <i>Executive Council Act</i> | | | 16,173 |
| | Other transactions | | | |
| S | Bad Debt Expense, the <i>Financial Administration Act</i> | | | 51,000 |
| | Total Operating Expense for Research and Innovation Program | | | 394,508,614 |

RESEARCH AND INNOVATION PROGRAM - VOTE 4301, cont'd

STANDARD ACCOUNTS CLASSIFICATION, cont'd

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| VOTE - ITEM # | STANDARD ACCOUNT BY ITEM AND SUB-ITEMS | | |
|---------------------------------|---|------------|--------------------|
| OPERATING ASSETS | | | |
| 4301-2 | Research and Innovation | | |
| | Deposits and prepaid expenses | | |
| | Commercialization and Innovation Network Support | 1,522,000 | |
| | Next Generation of Jobs Fund - Biopharmaceutical Investment Program | 3,500,000 | |
| | Ontario Institute for Cancer Research | 325,000 | |
| | Ontario Research Fund | 2,500,000 | 7,847,000 |
| | Loans and Investments | | |
| | Next Generation of Jobs Fund | | 1,000 |
| | Total Operating Assets to be Voted | | 7,848,000 |
| | Total Operating Assets for Research and Innovation Program | | 7,848,000 |
| CAPITAL EXPENSE | | | |
| 4301-3 | Research and Innovation | | |
| | Transfer payments | | |
| | Grants in Support of Advanced Research | 15,000,000 | |
| | Ontario Research Fund | 89,654,000 | |
| | Robarts Research Institute | 4,000,000 | |
| | Sarnia-Lambton Research Park - Ontario Bio-industrial Innovation Centre | 3,250,000 | 111,904,000 |
| | Other transactions | | 1,000 |
| | Total Capital Expense to be Voted | | 111,905,000 |
| Statutory Appropriations | | | |
| | Other transactions | | |
| S | Amortization, the <i>Financial Administration Act</i> | | 1,000 |
| | Total Capital Expense for Research and Innovation Program | | 111,906,000 |

RESEARCH AND INNOVATION PROGRAM - VOTE 4301, cont'd

STANDARD ACCOUNTS CLASSIFICATION, cont'd

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| VOTE - ITEM # | STANDARD ACCOUNT BY ITEM AND SUB-ITEMS | |
|---------------------|--|--|
|---------------------|--|--|

CAPITAL ASSETS

| | | |
|--------|---|--------------|
| 4301-4 | Research and Innovation | |
| | Land and marine fleet | 1,000 |
| | Total Capital Assets to be Voted | 1,000 |
| | Total Capital Assets for Research and Innovation Program | 1,000 |
