MINUTES OF THE MEETING OF SENATE

January 22, 2016

The meeting was held at 1:30 p.m. in Room 56, University Community Centre.

SENATORS: 78

E. Addison  Y. Huang  C. Nolan
L. Allaer    T. Hunt    K. Olson
N. Bhatia    G. Hunter  H. Orbach-Miller
I. Birrell   L. Jackson P. Pare
M. Blagrave  C. Jones  W. Pearson
J. Boland    R. Kennedy C. Phelps
J. Capone    J. Knowles S. Rodger
T. Carmichael G. Kopp   S. Roland
A. Chakma    A. Kothari L. Rosen
C. Chambers  G. Kulczycki M. Salvadori
K. Clark     R. Kurji   I. Scott
R. Collins   D. Laird   Z. Sinel
D. Coward    B. Leipert R. Soulodré-La France
M. Crossan   G. Lucas   V. Staroverov
J. Cuciurean  S. Macfie C. Steeves
K. Danylchuk J. Malkin M. Strong
J. Deakin    S. McClatchie L. Sunseri
C. Dean      M. McDayter A. Sussman
G. Dekaban   L. McKivor D. Sylvester
I. Diaz      K. Mequanint S. Taylor
N. Dyer-Witheford  R. Mercer M. Thomson
A. Engineer  M. Milde G. Tigert
J. Garland   J. Millaire J. Toswell
A. Grzyb     J. Mitchell T. Townshend
D. Hooper    K. Moser Z. Turner
B. Hovius    D. Murdoch N. Wolfe


By Invitation: J. Grieve, D. Peterson, B. Skarakis-Doyle

S.16-01 MINUTES OF THE PREVIOUS MEETING

The minutes of the meeting of December 4, 2015 were approved as circulated.

BUSINESS ARISING FROM THE MINUTES

S.16-02 Transmittal of Reports from SCUP to Senate [S.15-234]

R. Chelladurai confirmed that the Performance Indicators Report will be presented to the Senate Committee on University Planning (SCUP) at its meeting on February 1 and then to Senate at the February 12 meeting.
Western’s New Email Service – Office365 [S.15-236]

At the December 4, 2015 Senate meeting, Senator Olson asked why Western was changing its email service to Office365, noting concerns about the security of the data on a US-based server. J. Grieve, Executive Director, Information Technology Services (ITS), explained that Western had to move to a new email system because Convergence is outdated and will no longer be supported by Oracle. In fact, the instability of Convergence, particularly with respect to the calendar function, had prompted many faculty and staff to move their email to other platforms, including Microsoft and Google. Microsoft and Google are the two largest providers and many universities have already moved to Office365 as it offers a number of advantages, including the ability to offer free Microsoft software to students, faculty and staff.

He explained that last year students and support units were migrated to Office365. Feedback has been very positive and now the plan is to move forward with migrating the faculties to Office365. He noted that UWOFA has expressed privacy and security concerns about the US-based servers and was provided with a copy of the Microsoft contract and the privacy impact assessment prepared by the university’s Privacy Officer and Legal Counsel. J. Grieve pointed out that Microsoft plans to open Canadian data centres to house emails in the second quarter of 2016. Western will request that its email be housed in Canada. However, it is not known when that request might be met. To assuage individual faculty members’ concerns, ITS is prepared to allow them to opt to stay with the current system until the Canadian servers are available. This would be a one-time option, and those who stayed with Convergence would need to understand that there could be some issues with respect to calendars and other shared features.

Asked if it were true that after three years data becomes public under the US privacy laws, J. Grieve said he would need to seek clarification from legal counsel. In response to a question about US government access to Canadian data, J. Grieve said it was his understanding that having the email housed in Canada would provide some protection under Canadian access to information laws.

REPORT OF THE PRESIDENT

The President reported on the following: funding formula review, funding for capital projects through the new infrastructure fund, an update on London’s rapid transit proposal, and a recent meeting between the senior administration and USC leadership.

REPORT OF THE OPERATIONS/AGENDA COMMITTEE [Exhibit I]

Senate Membership: Faculty of Social Science Constituency

M. Milde advised that the recommendation regarding the appointment of an alternate Senator for M. Rothstein is deferred to the February Senate meeting.

It was moved by M. Milde, seconded by R. Kennedy

That Margaret McGlynn, representative of the Faculty of Social Science constituency, be granted a leave of absence while on sabbatical and that Keith Fleming be elected to serve as her alternate on Senate from January 1 – June 30, 2016.

CARRIED
S.16-06  **Senate Membership: Undergraduate Students – At Large Constituency**

It was moved by M. Milde, seconded by H. Orbach-Miller,

> That Jared Boland be elected to replace Michelle Bonofiglio, who has resigned, as a representative of the Undergraduate Students – At Large Constituency (term to June 30, 2016).

CARRIED

S.16-07  **Senate Nominating Committee - Membership**

L. Rosen was elected to the Senate Nominating Committee to complete the term of T. McMurrough who has resigned (Term: June 30, 2016).

S.16-08  **Revision to Faculty of Arts and Humanities Constitution**

It was moved by M. Milde, seconded by M. McDayter,

> That subject to Senate and Board approval of the name change for the Department of Visual Arts, the Constitution of the Faculty of Arts and Humanities be amended to reflect the new name:  Department of Art History and Studio Art.

CARRIED

M. Milde advised that for branding purposes, the Department of Art History and Studio Art would use a “+” sign rather than “and” in its name.

S.16-09  **Revisions to the Faculty of Engineering Constitution**

It was moved by M. Milde, seconded by K. Mequanint,

> That the Faculty of Engineering Constitution be revised as shown in Exhibit I, Appendix 1.

CARRIED

S.16-10  **Order of Ceremony – Spring Convocation – June 2016**

Senate received for information the Order of Ceremony for Spring Convocation scheduled during the weeks of June 14 – 17 and June 20 - 22. The morning of Friday, June 17 would normally be reserved for the Faculty of Education ceremony. With the change to a two-year B.Ed. program, there will be very few graduates from that Faculty this June. Rather than revise the whole schedule for a one-time occurrence, it was determined that there would not be a ceremony on Friday morning and that the few degree candidates from the Faculty of Education would graduate at the same ceremony as those from the Faculty of Information and Media Studies.

S.16-11  **Notice of Motion – Proposal to Establish Four Pro-Chancellor Positions**

Senator Toswell presented the following Notice of Motion at the September Senate meeting

> That Western, following due procedures as established by Senate, approve in principle the appointment of four pro-chancellors with staggered terms to serve as Chancellor when the Chancellor is unavailable for convocation.

Senate agreed that input should be sought from the Director of Convocation and the Convocation Planning Committee. The feedback is contained in Exhibit I, item 7. In light of the advice from the Convocation Planning Committee, the Operations/Agenda Committee determined that it would not put the motion on Senate’s agenda for debate.
Senator Toswell stated that she had hoped for a discussion among Senators about the issues she presented in the background of her motion and had hoped for a broader view from the Convocation Planning Committee. Western needs to establish a public image of diversity: Since 1878 Western has had 22 Chancellors with 20 being male, all of whom since 1971 (John Robarts) have been from the world of business.

REPORT OF THE NOMINATING COMMITTEE [Exhibit II]

S.16-12 
**Associate Vice-President (Research) Selection Committee**

The following were elected to serve on the selection Committee for the Associate Vice-President (Research): H. Berman (HS), I. Johnsrude (SS), D. Laird (MD), M. Knott (Graduate Student).

S.16-13 
**Senate ad hoc Committee on Renewal**

A. Engineer (MD/Graduate Student Senator) was elected to the Senate ad hoc Committee on Renewal to replace T. McMurray who has resigned.

S.16-14 
**Senate Review Board Academic**

K. Metersky was elected to the Senate Review Board Academic to replace T. McMurray who has resigned (term to June 30, 2016).

S.16-15 
**Senate Committee on Academic Policy and Awards**

R. Moll (AH) was elected to complete the term of J. Emberley who has resigned (term January 1 - June 30, 2016).

S.16-16 
**Senate Operations/Agenda Committee**

V. Staroverov (Sci) was elected to the Senate Operations/Agenda Committee to serve as an alternate for M. McGlynn who is on leave (term January 1 - June 30, 2016).

SENATE COMMITTEE ON ACADEMIC POLICY AND AWARDS [Exhibit III]

S.16-17 
**Faculty of Engineering: Introduction of and Revisions to Admission Requirements**

S.16-17a 
**Introduction of Admission Requirements in Engineering Programs**

It was moved by S. Macfie, seconded by K. Mequanint,

That effective January 1, 2016, criteria for admission to the Chemical Engineering, Civil Engineering, Integrated Engineering and Mechanical Engineering Programs be introduced as shown in Exhibit III, Appendix 1.

CARRIED

S.16-17b 
**Revisions to the Admission Requirements in Engineering Programs**

It was moved by S. Macfie, seconded by K. Mequanint,

That effective January 1, 2016, criteria for admission to the Green Process Engineering, Mechatronic Systems Engineering, Electrical Engineering, Computer Engineering and Software Engineering Programs be revised as shown in Exhibit III, Appendix 2.

CARRIED
S.16-18  
**Faculty of Engineering: Withdrawal of the WE GO Global Certificate**

It was moved by S. Macfie, seconded by K. Mequanint,

That effective September 1, 2016, the WE GO Global Certificate be withdrawn and admissions into the certificate be discontinued.

CARRIED

S.16-19  
**Faculty of Law: Changes to the Admission Requirements of the JD program**

Prior to presenting the recommendation, the Chair of SCAPA announced the following editorial amendments (shown in bold *italics*/strikeout) to the first paragraph of the revised calendar copy contained Exhibit III, Appendix 3:

**A. First Year**

There are two categories for admission into first year, General and Discretionary. The Admission Committee – comprising *Associate Dean (Academic)*, the Assistant Deans, faculty members and third year law students will decide how many offers to make in each category. *In no case will the number of students admitted in the Discretionary category exceed 25% of the class.*

It was moved by S. Macfie, seconded by I. Scott,

That effective September 1, 2016, the Admission Requirements for the JD program be amended as shown in Exhibit III, Appendix 3, as amended.

Senator Collins said that there are a number of Western Alumni who seek law degrees outside Canada and asked if this change means that they will not be able to attend Western to obtain their Canadian licensing. Dean Scott confirm this point noting that Western gets very few in this category and that most attend Osgoode Hall Law School. With respect to a question about internationalization, he noted that Western Law does take international students into its law program.

The question was called and CARRIED.

S.16-20  
**Schulich School of Medicine & Dentistry: Revisions to the Admission and Progression Requirements of the MD, DDS and ITD Programs**

S.16-20a  
**Revisions to the Admission Requirements of the MD Program**

It was moved by S. Macfie, seconded by M. Strong,

That effective September 1, 2016, the Admission Requirements for the MD program be amended as shown in Exhibit III, Appendix 4.

CARRIED

S.16-20b  
**Revisions to the Admission Requirements of the DDS and ITD Programs**

It was moved by S. Macfie, seconded by M. Strong,

That effective September 1, 2016, the Admission Requirements for the DDS and ITD programs be amended as shown in Exhibit III, Appendix 5.

CARRIED
S.16-20c  **Revisions to the Progression Requirements of the DDS and ITD Programs**

It was moved by S. Macfie, seconded by M. Strong,

That effective September 1, 2016, the Progression Requirements for the DDS and ITD programs be amended as shown in Exhibit III, Appendix 6.

CARRIED

S.16-21  **School of Graduate and Postdoctoral Studies: Introduction of a New Collaborative Graduate Program in Global Health Systems in Africa (GHS-A)**

It was moved by S. Macfie, seconded by C. Dean,

That effective May 1, 2016, and contingent upon the Quality Council's approval, a Collaborative Graduate Program in Global Health Systems in Africa (GHS-A) be introduced in the School of Graduate and Postdoctoral Studies as set out in Exhibit III, Appendix 7.

CARRIED

S.16-22  **Huron University College, French Studies: Withdrawal of Modules**

It was moved by S. Macfie, seconded by S. McClatchie,

That effective September 1, 2016 the following French Modules be withdrawn:

- Honors Specialization in French Linguistics and Literature
- Honors Specialization in French Language and Linguistics
- Major in French Language and Linguistics
- Minor in French and Francophone Literature

and

That students currently enrolled in the modules be allowed to graduate until September 1, 2019 upon fulfillment of the existing requirements.

CARRIED

A member stressed the importance of consultation among programs, and especially with interdisciplinary programs, when modules are being withdrawn or amended significantly. As the affiliated university colleges and the main campus departments downsize programs in various liberal arts fields, good consultation will ensure that an individual program is not left without a required course.

S.16-23  **Huron University College: Revisions to the Admission and Program Requirements for History Modules**

It was moved by S. Macfie, seconded by S. McClatchie,

That effective September 1, 2016, the admission and program requirements for the Major, Specialization, Honors Specialization and Minor in History at Huron University College be revised as shown in Exhibit III, Appendix 8.

CARRIED

*Secretarial Note:* An editorial amendment was made to the proposal after Senate approval to remove the words “two of” from the module requirements and correct the mathematical discrepancy created by these words.
S.16-24 **King’s University College: Revisions to the Admission Requirements of History Modules**

It was moved by S. Macfie, seconded by R. Soulodré-La France,

That effective September 1, 2016, the admission requirements for the Honors Specialization, Major and Minor in History at King’s University College be revised as shown in Exhibit III, Appendix 9.

CARRIED

S.16-25 **King’s University College: Introduction of a Major in Disability Studies**

It was moved by S. Macfie, seconded by R. Soulodré-La France,

That effective September 1, 2016, and contingent upon Quality Council’s approval, a Major in Disability Studies be introduced at King's University College, as shown in Exhibit III, Appendix 10.

CARRIED

S.16-26 **Articulation Agreement for Admission from the Fanshawe College Computer Programmer Analyst program into third year of Western’s Bachelor of Science in Computer Science Program**

It was moved by S. Macfie, seconded by C. Dean,

That Senate approve the renewal of the Articulation Agreement regarding transfer credit for graduates of the Fanshawe College Computer Programmer Analyst program for admission into third year of Western’s Bachelor of Science Computer Science program, effective January 1, 2016 as set out in Exhibit III, Appendix 12.

CARRIED

S.16-27 **Articulation Agreement for Admission of Graduates of Lambton College’s Two-Year (Accelerated) Liberal Studies Diploma to Huron University College’s Faculty of Arts and Social Science**

It was moved by S. Macfie, seconded by C.L. Chambers,

That Senate approve and recommend to the Board of Governors through the President & Vice-Chancellor, that effective February 1, 2016, graduates from Lambton College’s Two-Year (Accelerated) Liberal Studies Diploma be admitted to Huron University College’s Faculty of Arts and Social Science with block transfer credits, as shown in the Articulation Agreement set out as Exhibit III, Appendix 13.

CARRIED

S.16-28 **New Scholarships and Awards**

SCAPA approved on behalf of the Senate, the Terms of Reference for the new scholarships and awards shown in Exhibit III, Appendix 14 for recommendation to the Board of Governors through the Vice-Chancellor.
REPORT OF THE SENATE COMMITTEE ON UNIVERSITY PLANNING [Exhibit IV]

S.16-29

Name Change – Department of Visual Arts to Department of Art History and Studio Art

It was moved by M. Milde, seconded by M. McDayter,

That effective July 1, 2016, the name of the Department of Visual Arts be changed to the Department of Art History and Studio Art.

CARRIED

S.16-30

Report on Faculty Recruitment and Retention

Senate received for information the Report on Faculty Recruitment and Retention, detailed in Exhibit IV, Appendix 1. Dr. A. Weedon highlighted slides focused on the number of women being hired into professorial roles, their time to tenure from completion of degree and from point of hiring, and their progress through the ranks. He spent considerable time reviewing the data on the employment of part-time faculty, noting that the use of part-time faculty on university campuses has been a matter of debate across North America. The narrative has been that the number of part-time faculty has been on the rise, that this cohort is in a precarious employment position because of the attempt to put together several jobs to make a full-time occupation and income and because of the uncertainty as to whether contracts would be renewed from one year to the next, and that increasing numbers of students and courses are being taught by part-time faculty rather than by tenured professors. Dr. Weedon remarked that the data provided in his presentation showed that, at Western, this narrative does not hold true and he noted the following:

- The number of part-time faculty has remained flat over time.
- There is also no significant change in either the number of courses or number of students being taught by part-time faculty.
- Most part-time faculty at Western hold the rank of Lecturer or Assistant Professor, with the distinction being that the latter must have a doctorate.
- 70 percent of part-time instructors at Western would not be eligible to make the transition to a probationary/tenured position because of the lack of a doctoral degree.
- A significant proportion of part-time instructors at Western are either graduate students or, in the professional faculties, professionals in full-time occupations who teach a course at Western.
- Most part-time faculty at Western do not teach for more than a year or two and are not teaching more than one course. The small proportion who have been teaching for many years and who also carry heavier teaching loads are concentrated in Social Sciences and Arts and Humanities.
- Over the past 15 years the number of courses and the number of students taught by part-time faculty and by probationary and tenured faculty has not changed significantly. Growth in the number of probationary and tenured Faculty has coincided with the growth in the doctoral student cohort and represents an increase in supervisory and research capacity. Growth in undergraduate student enrolment has been accommodated by an increase in the number of limited-term full-time faculty. The growth in the number of limited-term faculty is partly attributable to agreements with UWOF that see long-term part-time positions converted to full-time Limited-Term appointments.

A member noted that the indicators presented showed a steady state for part-time faculty numbers over 10 years but asked what occurred in the preceding years. Dr. Weedon said that there was no good data prior to 2000 because, prior to that time, part-time faculty were hired locally by departments and data was not captured centrally. However, most of the big growth in enrolment has been in the last 15 years and so it is unlikely part-time faculty numbers would have been increasing prior to that time. He agreed that there is variance in the dependence on part-time faculty across the Faculties and within faculties at different times. For example, when new programs are offered, Faculties may initially rely on part-time faculty until there is enough
With respect to part-time faculty holding full-time jobs elsewhere, a member asked how that was determined. Dr. Weeden responded that, some years ago, there had been a survey conducted across departments that provided some data. He was also extrapolating from the fact that most part-time faculty are employed by the Faculties hosting professional programs – full-time employed nurses, physical and occupational therapists, business experts, lawyers, librarians, etc. – who offer professional courses and teach applied skills. He agreed that an audit of part-time faculty in Social Science and Arts & Humanities might show different results.

Turning to the slides that showed retirement rates, a member asked whether the administration should consider offering a retirement incentive program to those who continued to work beyond age 65. Dr. Weeden acknowledged that when the government eliminated mandatory retirement, there had been concern that this would make it difficult to renew the professoriate and that concern had become reality. The ability to increase the number of women hires has also been inhibited. Retirement incentives are and have been made available, but they have to be balanced against the fact that many of those who continue teaching and researching beyond age 65 are thriving and doing excellent work. A member remarked that the other issue to bear in mind was whether the university should reconsider the number of PhD candidates it was admitting given the restrictive job market. Dr. Weeden pointed out that the job prospects for doctoral graduates were very different from discipline to discipline. In chemistry, for example, most graduates were hired by industry and the public sector and an academic job was not the only employment outcome. In any event, one of the questions looked at by SGPS when considering graduate programs’ plans for growth was the job prospects for graduates.

**Western Libraries – Annual Report**

Senate received for information the Western Libraries Annual Report, detailed in Exhibit IV, Appendix 2. C. Steeves highlighted her presentation with overhead slides contained in Appendix 1 to these minutes.

A member asked how cuts in acquisitions are made across disciplines noting that monographs tend to be used more in Arts and Humanities and Social Science. C. Steeves said that the librarians look at the usages to help determine where to cut. The reduction in the use of monographs predated the fall of the Canadian dollar. She noted there has been an increase in the purchase of e-books.

A member asked if Western is losing its journal archive given the reduction in electronic journals. C. Steeves said that many agreements allow Western to retain access to archives back to the point at which Western purchased the journal even after the subscription ends. Western is a member of Portico, which is also provides access to past issues.

Asked about the availability of study areas in the libraries during high use time, C. Steeves said that the Libraries are open 24 hours during high use times, such as examination periods. The Libraries website was being revised to better describe the services available, including study spaces located across the system. This project will be undertaken with the help of IBP and Classroom Management to allow students to find additional study space. J. Deakin noted that Western’s space planning principles include the provision of gathering/study space in new and renovated buildings.

**Gift Acceptance Policy [S.15-215]**

In response to a question about SCUP’s review of the gift acceptance and naming processes, the Secretary said that there had been a preliminary discussion at the January meeting with the intent that the issue be discussed again at SCUP’s February 1 meeting.

**City Rapid Transit Updates**

J. Deakin reported that going forward, Senate will receive updates on significant developments regarding the Rapid Transit initiative.
B. Skarakis-Doyle, Chair of the Senate ad hoc Committee on Renewal, provided an overview of the Committee’s interim report detailed in Exhibit V. She asked Senators and their colleagues to continue to submit advice and input as the Committee continues its work on formulating recommendations that will result in more transparent, stronger governance. She noted that, regardless of the situation in the spring that had motivated the establishment of the ad hoc committee, it has been 20 years since governance was reviewed at Western – more than past time.

Some Senators were concerned about the legitimacy of inferences drawn in the report given the small numbers who submitted comments or participated in public consultations. B. Skarakis-Doyle agreed that while breadth of consultation had been achieved, depth was another matter. The report did summarize what the committee had heard from those who had responded. She added that the lines of communication remained open. She hoped that the interim report would spur people to become more engaged with the process. She encouraged Senators to discuss the report with their colleagues to facilitate feedback.

Suggestions were offered as to how the ad hoc Committee could move forward with its mandate and engage larger numbers of community members including attending Faculty Council or departmental meetings and creating a survey or questionnaire that delved deeper into issues and could be distributed widely to the campus community.

The report of the Academic Colleague, detailed in Exhibit VI, was received for information. Topics discussed included: MTCU Funding Review Report, Net Tuition, Sexual Violence and Harassment Action Plan Act, 2015, Graduate Programs Outcomes Survey, and Indigenous Studies.

Announcements regarding academic administrative posts, detailed in Exhibit VII, were received for information.

Senator Olson referenced an article contained last fall in the Globe & Mail about Universities Canada’s five commitments, which, according to the article, focused on the need to “give students closer links to industry and to increase collaborations with the private sector.” She asked for a comment from the administration and Senators as to whether or not they agree that students are best served when the arts and humanities are integrated with sciences or business. What role ought such disciplines to play in the new university with its increase in private-sector/corporate partnerships? What steps will Western take to support the continued excellence in teaching and research of the arts and humanities at this university in the face of this apparent relegation of these disciplines to ‘support status’ in a document to which Western is a signatory?

Dr. Chakma stated that the premise of the Senator Olson’s question was based on an incomplete and inadequate report in the Globe & Mail. The Universities Canada news release contained the following five commitments:

- To equip all students with the skills and knowledge they need to flourish in work and life, empowering them to contribute to Canada’s economic, social and intellectual success.
To pursue excellence in all aspects of learning, discovery and community engagement.
To deliver a broad range of enriched learning experiences.
To put our best minds to the most pressing problems – whether global, national, regional or local.
To help build a stronger Canada through collaboration and partnerships with the private sector, communities, government and other educational institutions in Canada and around the world.

[The full text of announcement can be found here: http://www.univcan.ca/media-room/media-releases/canadas-universities-announce-commitments-to-canadians/]

In his view, there was nothing in those five commitments that would diminish the importance of arts and humanities teaching and scholarship. He said that the immediate pressure facing the arts and humanities across Canada and North America is falling enrolment. Western’s leadership team is committed to all the faculties and has shown that through the language used in the Strategic Mandate Agreement (SMA): “Western is a comprehensive, research-intensive university, with a full spectrum of undergraduate and graduate programs. Western’s interdisciplinary research strengths are in the areas of: Imaging; Materials and Biomaterials; Philosophy of Science; Bone and Joint; Sustainability and Harsh Environments; Neuroscience/Brain and Mind; Big Data; Management; and Finance.”

**ADJOURNMENT**

The meeting adjourned at 4:08 p.m.

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A. Chakma
Chair

I. Birrell
Secretary
Key Initiatives and Select Activities
2014/15 - 2015/16

- New Strategic Plan
- Workforce Analysis and Planning Initiative
- Facilities Improvements & Libraries Master Space Plan
- Acquisitions Cost Reduction Strategy
- Teaching and Learning
- Research

Annual Report to Senate
January 2016
Catherine Steeves
Vice-Provost & Chief Librarian
**Strategic Plan 2015 - 2020**

- Manage world-class print and digital collections
- Advance 21st century literacies
- Partner in and support research to advance research excellence
- Champion open access and transform scholarly communication
- Cultivate purposeful partnerships on campus and beyond
- Provide user-centred spaces and technologies
- Actively engage with our communities
- Deliver service excellence and the best user experience


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**Workforce Analysis**

**Core Functions, Focused on Users**

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**Facilities Improvements & Space**

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**Facilities Improvements & Space**
Facilities Improvements & Space

Acquisitions Cost Reductions

Declining value of $CND
+ Increasing prices
= Reduced purchasing power and projected deficit

Short-term and long-term cost reductions through acquisitions and serials review and cancellations.

See: Western Libraries News items Sept. 29, Dec. 18
Contact: csteves@uwo, hrykse@uwo, your subject librarian

Teaching and Learning

Instruction & E-Learning
- Information literacy and research skills instruction
- Online research guides
- Learning modules
- Collaboration with faculty on curriculum integration and learning outcomes

Student Success
- Collaborative and independent study spaces
- Access to scholarly information resources and information technologies
- Research help services, in-person and online or chat

Research
- Statistical and geo-spatial data services and collections
- Research consultations including literature searches, systematic reviews and research data management
- Advanced research skills instruction and workshops
- Scholarship@Western – open access institutional repository - 2,690,869 downloads from around the globe