# ITS Executive Steering Committee (ITESC)

Agenda and Materials – August 14, 2018

# Agenda

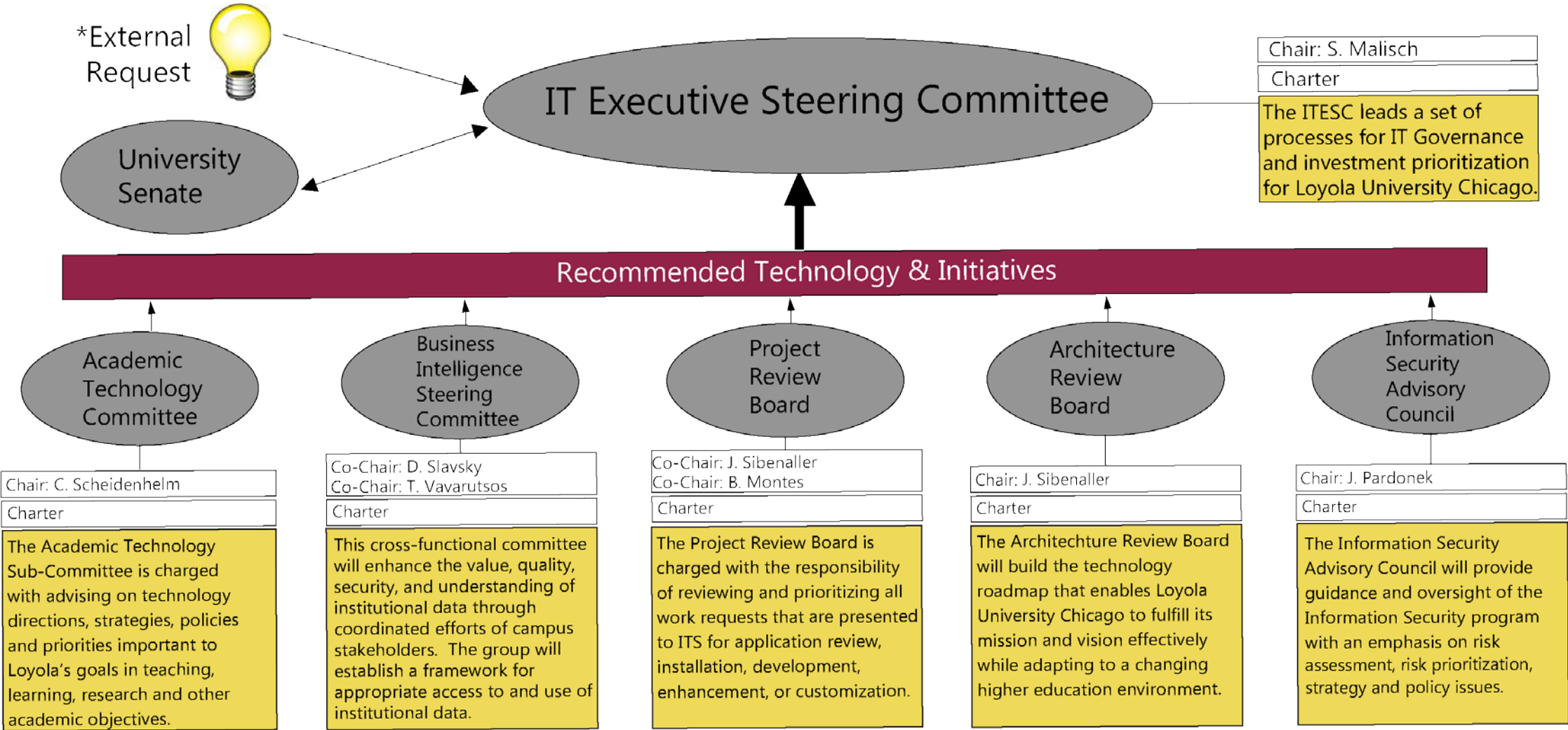ITESC Committees
- S. Malisch

Information Security Improvements
- J. Sibenaller

# Information Technology Steering Committee Structure



*External Request

University Senate

IT Executive Steering Committee

Chair: S. Malisch

Charter

The ITESC leads a set of processes for IT Governance and investment prioritization for Loyola University Chicago.

**Recommended Technology & Initiatives**

Academic Technology Committee

Chair: C. Scheidenhelm

Charter

The Academic Technology Sub-Committee is charged with advising on technology directions, strategies, policies and priorities important to Loyola's goals in teaching, learning, research and other academic objectives.

Business Intelligence Steering Committee

Co-Chair: D. Slavsky
Co-Chair: T. Vavarutsos

Charter

This cross-functional committee will enhance the value, quality, security, and understanding of institutional data through coordinated efforts of campus stakeholders. The group will establish a framework for appropriate access to and use of institutional data.

Project Review Board

Co-Chair: J. Sibenaller
Co-Chair: B. Montes

Charter

The Project Review Board is charged with the responsibility of reviewing and prioritizing all work requests that are presented to ITS for application review, installation, development, enhancement, or customization.

Architecture Review Board

Chair: J. Sibenaller

Charter

The Architechture Review Board will build the technology roadmap that enables Loyola University Chicago to fulfill its mission and vision effectively while adapting to a changing higher education environment.

Information Security Advisory Council

Chair: J. Pardonek

Charter

The Information Security Advisory Council will provide guidance and oversight of the Information Security program with an emphasis on risk assessment, risk prioritization, strategy and policy issues.

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# Information Technology Executive Steering Committee

## Chair – Susan Malisch

| Area | Member |
|------|--------|
| Administrative Services | Tom Kelly |
| Advancement | Jamie Orsini |
| Enrollment Management and Student Success | Paul Roberts |
| Facilities | Kana Henning |
| Finance | Teresa Krafcisin<br>Wayne Magdziarz |
| Acting Provost | Margaret Callahan |
| Provost Office Representatives | TBD |
| Human Resources | Winifred Williams<br>Danielle Hanson |
| ITS | Jim Sibenaller |
| Student Development | Jane Neufeld |
| University Marketing and Communications | TBD |

# Academic Technology Committee

## Chair – TBD

| School/Area | Member | Alternate |
|---|---|---|
| Academic Affairs | TBD | Terry Moy |
| Bioethics | Kayhan Parsi | Bob Johnson |
| CAS – Science | Holly Dimtropoulous | Robert McNees |
| CAS – Social Science | Dana Garbarski | Maribeth Rezey |
| CAS – Humanities | Kyle Roberts | David Dennis |
| Grad School & ORS | Jessica Horowitz | |
| ITS – Academic | Bruce Montes | Tim Walker |
| ITS – Infrastructure | Dan Vonder Heide | Jeff Apa |
| Institute of Environmental Science | | |
| Provost | Sarah Dysart | |

| School/Area | Member | Alternate |
|---|---|---|
| Quinlan School of Business | Fred Kaefer | Nenad Jukic |
| SCOMM | Jamason Chen | Aaron Greer |
| SCPS | Kelly Barry | Jeanne Widen |
| SOE | Seungho Moon | Eilene Edejer |
| Law School | James Faught | Mike Lonero |
| Law School – Online | Barbara Youngberg | |
| SON | Holly O'Connor | Stacey Zurek |
| SOWK | Michael Dentato | Johnathan Singer |
| SSOM | Amy Hoyt | Susan Crowell |
| Libraries | Hong Ma | Margaret Heller |

# Business Intelligence Steering Committee

## Co-Chairs – David Slavsky and Tony Vavarutsos

| School/Area | Member |
|---|---|
| Academic Advising and Services* | Shawna Cooper-Gibson |
| Advancement | Michael Halverson |
| College of Arts & Sciences, Chair Biology* | Jim Cheverud |
| Enrollment Management | Tim Heuer |
| Finance | Becky Gomez<br>Ben Smigielski |
| Health Sciences Division | Ron Price |
| Human Resources | Danielle Hanson |
| Information Technology Services | Bruce Montes |
| Office of Institutional Effectiveness | Ping Tsui |
| Quinlan School of Business* | Kevin Stevens |
| Registration and Records | Kris Daggett |

*Rotating Positions - will be reviewed periodically and will be staffed based on relevant knowledge of data, insight, or expertise that may be helpful to advance current priorities.

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# Project Review Board

Co-Chairs – Jim Sibenaller and Bruce Montes

| Area | Member |
|------|--------|
| Advancement | Michael Halverson |
| Enrollment Management | Tim Heuer |
| Financial Systems | Rebecca Gomez |
| Marketing & Communications | John Drevs |
| Registration & Records | Kris Daggett |
| Student Development | Jeff Terpstra |
| Student Financials | John Campbell |

# Architecture Review Board

Chair – Jim Sibenaller

| Area | Member |
|---|---|
| ITS - Chief Information Officer | Susan Malisch |
| ITS - Academic & Data Services | Bruce Montes |
| ITS - Enterprise Systems Services | Jim Sibenaller |
| ITS - Infrastructure Systems Services | Dan Vonder Heide |

# Information Security Council

## Chair – Jim Pardonek

| Area | Member | Alternate |
|------|--------|-----------|
| Advancement | Michael Halverson | TBD |
| Finance | Cory O'Brien | TBD |
| Financial Aid | TBD | |
| Human Resources | Carol Mc Cormack | TBD |
| ITS – Infrastructure | Dave Wieczorek | TBD |
| ITS – Applications | Cheryl Heckel | Charlotte Pullen |
| ITS – Security Office | Cai Wang | None |
| Registration and Records | Diane Hullinger | TBD |
| Risk Management | Sue Bodin | TBD |
| Health Sciences Division | Ron Price | TBD |
| Library | Hong Ma | Margaret Heller |
| Ex-Officio | Jim Sibenaller | None |

# Agenda

ITESC Committees
- S. Malisch

## Information Security Improvements
- J. Sibenaller

# Information Security Improvements

10 improvements identified relating to the June & July information security incidents

3 of the improvements overlap/apply to each incident
- Mandatory Information Security Training - All Faculty-Staff
- Increased Information Security Awareness
- Phish Testing via Social Engineering

2 were already planned as part of information security program improvements
- Data Loss Prevention
- Multi-Factor Authentication

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# Information Security Improvements

| Improvement | Action | Timeframe | FY19 Cost Totals | FY20 Operating Incremental Request | Status |
|---|---|---|---|---|---|
| Mandatory Information Security Training - High Risk Areas | Provide required information security awareness training for high risk departments. | Immediate | $12,000 | $0 | Planned |
| Increased Information Security Awareness | Expand on the existing information security awareness methods, activities and deliverables. Change existing information security awareness program from passive to active. | Immediate | $15,000 | $5,000 | Planned |
| Mandatory Information Security Training - All Faculty-Staff | Provide required information security awareness training for faculty and staff in all departments once each semester. | Q2 FY19 | $0 | $9,000 | Planned |
| Phish Testing via Social Engineering | Execute phishing campaigns consisting of both focused and random attack vectors. | Q2 FY19 | $7,200 | $9,000 | Planned |
| Data Loss Prevention | Implement Data Loss Prevention (DLP)services which will monitor/prevent protected and sensitive information movements within and transfer outside of Loyola's network. | Q2-Q3 FY19 | $400,000 | $250,000 | Planned |
| Loyola Secure Access Security Improvements | Improve the security of the Loyola Secure Access, Loyola's virtual private network or VPN, a) Require routine PIN changes, b) Modify 2-factor requirements eliminating the use of email as an option. | Q2-Q3 FY19 | $2,000 | $3,000 | Future |
| Secure How-To Instructions | Review the University Web-Site and make sensitive "how-to" instructions not available to the public. | Q2-Q4 FY19 | $0 | $0 | Future |
| Multi-Factor Authentication | Enable multi-factor authentication for critical applications, beginning with those that are public facing (available via the internet). | Q4 FY19-Q1 FY20 | $10,000 | $10,000 | Future |
| Remove Auto-Forwarding Email Option | Turn off the ability for users to auto forward emails. | Q2 FY19 | $0 | $0 | Considering |
| Restrict PC Administrative Rights | Restrict the administrative rights on Loyola computers so that infectious software cannot be installed by users.  This will require all software to be installed by Information Technology Services only. | Q2-Q3 FY19 | TBD $81,000 | TBD $81,000 | Considering |

|  |  |
|---|---|
| Unfunded | $46,200 |
| Funded | $400,000 |
| Operating Request | $286,000 |
| Totals | $446,200 | $286,000 |

# 2018 ITESC Schedule

**February 6, 2018 - Tuesday, 1:00-3:00 PM**
- BCDR – Program Restart
- General Data Protection Regulation
- Workday
- BI
- Student System Upgrade
- Technology Changes for Spring 2018

**May 1, 2018 - Tuesday, 1:00-3:00 PM**
- GDPR Project Update
- Information Security Program Overview
- ITS Dashboard Pilot

**June 20, 2018 - Wednesday, 1:30-3:30 PM**
- Disaster Recovery – Tier 1
- Project Portfolio Prioritization

**August 14, 2018 - Tuesday, 1:00-3:00 PM**
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**September 18, 2018 - Tuesday, 1:00-3:00 PM**
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**October 25, 2018 - Tuesday, 1:00-3:00 PM**
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**December11, 2018 - Tuesday, 1:00-3:00 PM**
- Project Portfolio Prioritization