UNIVERSITY COUNCIL MEETING
October 20, 2014
3:00 p.m.
1045 Pamplin Hall
AGENDA

1. <u>Adoption of Agenda</u>   Dr. Timothy Sands

2. <u>Announcement of approval and posting of minutes of October 6, 2014</u>   Dr. Timothy Sands

   These minutes have been voted on electronically and will be posted on the University web.

3. <u>Old Business</u>   Dr. Timothy Sands

   Commission on Graduate Studies and Policies   Dr. Hans Robinson
   Resolution CGSP 2014-15C
   Resolution to Establish the Master of Arts Degree in Data Analysis and Applied Statistics

   Commission on Undergraduate Studies and Policies   Dr. Stephen Martin
   Resolution CUSP 2014-15A
   Resolution to Approve New Major, Criminology in the Bachelor of Science in Sociology

   Commission on Undergraduate Studies and Policies   Dr. Stephen Martin
   Resolution CUSP 2014-15B
   Resolution to Approve New Major, Residential Environments and Design in the Bachelor of Science in Apparel, Housing, and Resource Management

   Commission on Undergraduate Studies and Policies   Dr. Stephen Martin
   Resolution CUSP 2014-15C
   Resolution to Approve New Degree in Bachelor of Science in Systems Biology

   Commission on Undergraduate Studies and Policies   Dr. Stephen Martin
   Resolution CUSP 2014-15D
   Resolution to Discontinue Bachelor of Arts in Humanities, Science, and Environment

4. <u>Announcement of acceptance and posting of Commission Minutes</u>   Dr. Timothy Sands
   These minutes have been accepted for filing by electronic vote and will be posted on the University web. Note that the purpose of voting on Commission minutes is to accept them for filing. University Council By-laws require that policy items be brought forward in resolution form for University Council action.

   Commission on Equal Opportunity and Diversity
   September 8, 2014

   Commission on Graduate Studies and Policies
   September 17, 2014

   Commission on Outreach and International Affairs
   September 18, 2014

   Commission on Undergraduate Studies and Policies
   September 22, 2014

5. <u>For Information Only</u>   Dr. Timothy Sands

   Minutes of the University Advisory Council on Strategic Budgeting and Planning
   August 28, 2014

6. <u>Presentation</u>   Dr. Timothy Sands

    Technology-enhanced Learning and Online Strategies (TLOS) – next steps, and innovative   Mr. Dale Pike
    practices in teaching and learning

7. <u>Adjournment</u>   Dr. Timothy Sands

Present: Tim Sands (presiding), Ed Nelson for Richard Benson, Gary Long for Lay Nam Chang, Cyril Clarke, Karen DePauw, Susan Short for Guru Ghosh, Alan Grant, Mark McNamee, Scott Midkiff, Kim O'Rourke, Hunter Gresham for Patricia Perillo, Savita Sharma for Dwight Shelton, Robert Sumichrast, Tom Tillar, Beth Tranter for Robert Walters, Tyler Walters, Sherwood Wilson, Tom Olsen for Paul Winistorfer, France Bélanger, Aaron Bond, Rami Dalloul, Joseph Edens, Stephen Martin, Hans Robinson, Susan Volkmar, Joe Merola, Corinne Noirot, Susanna Rinehart, Christopher Beattie, David Dillard, Paul Herr, Joan Hirt, Shelia Collins for Darla Chudzik, Stacey Poertner, Lynn Short, Valerie Henderson for Sue Teel, Tom Tucker, Brett Besag, Larry Cox, Raifu Durodoye, Kyrille Goldbeck DeBose, De'Ashley Spain, Matthew Chan, Samantha Erwin, Greg Purdy, Taylor Fix, B.H. Kim, Megan Nguyen, Jake Tully, Dan Cook,

Absent: Jack Davis, Elizabeth Flanagan, Elizabeth Spiller, Pam White, Reed Kennedy, Maxine Lyons, Alex Parrish, Susan Anderson (with notice), Charlene Eska (with notice), Bruce Pencek, Anita Puckett (with notice), Kathrine Carter (with notice), Dave Dugas, Tom Fox, Nanda Nanthakumar, Ana Agud, Melissa Means, Alphonso Garrett (with notice), Michael Martin (with notice), Kylie Gilbert, Stephen Hensell, Bernice Hausman (with notice), Austin Larrowe, Ashley Francis (with notice)

Guests: Jack Finney, Rachel Holloway, Hal Irvin, Chris Kiwus, J. P. Morgan, Sandra Muse, April Myers, Dale Pike, Ellen Plummer, Eric Smith, David Travis, Jr.

Dr. Sands called the meeting to order at 3:00 p.m. A quorum was present.

1. Adoption of Agenda

A motion was made and seconded to adopt the agenda. The motion carried.

2. Announcement of approval and posting of minutes of October 6, 2014

Dr. Sands noted that these minutes have been voted on electronically and can be publicly accessed on the Governance Information System on the Web (http://www.governance.vt.edu)

3. Old Business

Commission on Graduate Studies and Policies
Resolution 2014-15C
Resolution to Establish the Master of Arts Degree in Data Analysis and Applied Statistics

Dr. Hans Robinson presented the resolution for second reading and made a motion to approve. The motion was seconded. A concern was mentioned that this new Master of Arts degree in Data Analysis and Applied Statistics could be confused with the Bachelor's degree in Computational Modeling and Data Analytics. It was indicated that these two programs are very different programs. Data analytics is tied to more business applications, data mining, and larger data sets. Data analysis deals more with applications in psychology and sociology. This new degree is a less theoretical degree than the current Master of Science degree in Statistics. Dean DePauw indicated that there are several applied as well as several theoretical Master's degrees and PhDs.

A vote was taken and the resolution passed.

Commission on Undergraduate Studies and Policies
Resolution 2014-15A
Resolution to Approve New Major, Criminology in the Bachelor of Science in Sociology

Dr. Stephen Martin presented the resolution for second reading and made a motion to approve. The motion was seconded, and the motion passed.

Commission on Undergraduate Studies and Policies
Resolution 2014-15B
Resolution to Approve New Major, Residential Environments and Design in the Bachelor of Science in Apparel, Housing, and Resource Management

Dr. Stephen Martin presented the resolution for second reading and made a motion to approve. The motion was seconded. A question was raised as to how much overlap there will be with this new major and the Building Construction program. It was indicated that the faculty in Apparel, Housing, and Resource Management teach in the Building Construction program but there is very little crossover in student majors.

A vote was taken and the motion passed.

Commission on Undergraduate Studies and Policies
Resolution 2014-15C
Resolution to Approve New Degree in Bachelor of Science in Systems Biology

Dr. Stephen Martin presented the resolution for second reading and made a motion to approve. The motion was seconded, and the motion passed.

Commission on Undergraduate Studies and Policies
Resolution 2014-15D
Resolution to Discontinue Bachelor of Arts in Humanities, Science, and Environment

Dr. Stephen Martin presented the resolution for second reading and made a motion to approve. It was noted that there are a few students in the program, and they will be able to complete their plan of study. New students are not currently being enrolled in the program. The motion was seconded, and the motion passed.

4. <u>Announcement of Approval and Posting of Commission Minutes</u>

These minutes have been voted on electronically and will be posted on the University web (http://www.governance.vt.edu). Note that the purpose of voting on Commission minutes is to accept them for filing. University Council By-laws require that policy items be brought forward in resolution form for University Council action.

- Commission on Equal Opportunity and Diversity
  September 8, 2014

- Commission on Graduate Studies and Policies
  September 17, 2014

- Commission on Outreach and International Affairs
  September 18, 2014

- Commission on Undergraduate Studies and Policies
  September 22, 2014

5. For Information Only

Minutes of the University Advisory Council on Strategic Budgeting and Planning
April 28, 2014

6. Presentation

Mr. Dale Pike gave a presentation (attached) on Technology-enhanced Learning and Online Strategies (TLOS) – next steps, and innovative practices in teaching and learning.

7. Adjournment

There being no further business, a motion was made to adjourn the meeting at 3:57 p.m.

Technology-enhanced Learning & Online Strategies

Virginia Polytechnic Institute and State University

THE SIMPLE ANSWERS

TO THE QUESTIONS THAT GET ASKED ABOUT EVERY NEW TECHNOLOGY:

WILL [____] MAKE US ALL GENIUSES?	NO
WILL [____] MAKE US ALL MORONS?	NO
WILL [____] DESTROY WHOLE INDUSTRIES?	YES
WILL [____] MAKE US MORE EMPATHETIC?	NO
WILL [____] MAKE US LESS CARING?	NO
WILL TEENS USE [____] FOR SEX?	YES
WERE THEY GOING TO HAVE SEX ANYWAY?	YES
WILL [____] DESTROY MUSIC?	NO
WILL [____] DESTROY ART?	NO
BUT CAN'T WE GO BACK TO A TIME WHEN—	NO
WILL [____] BRING ABOUT WORLD PEACE?	NO
WILL [____] CAUSE WIDESPREAD ALIENATION BY CREATING A WORLD OF EMPTY EXPERIENCES?	WE WERE ALREADY ALIENATED

A model of learning support

TLOS goals

Inventing our future
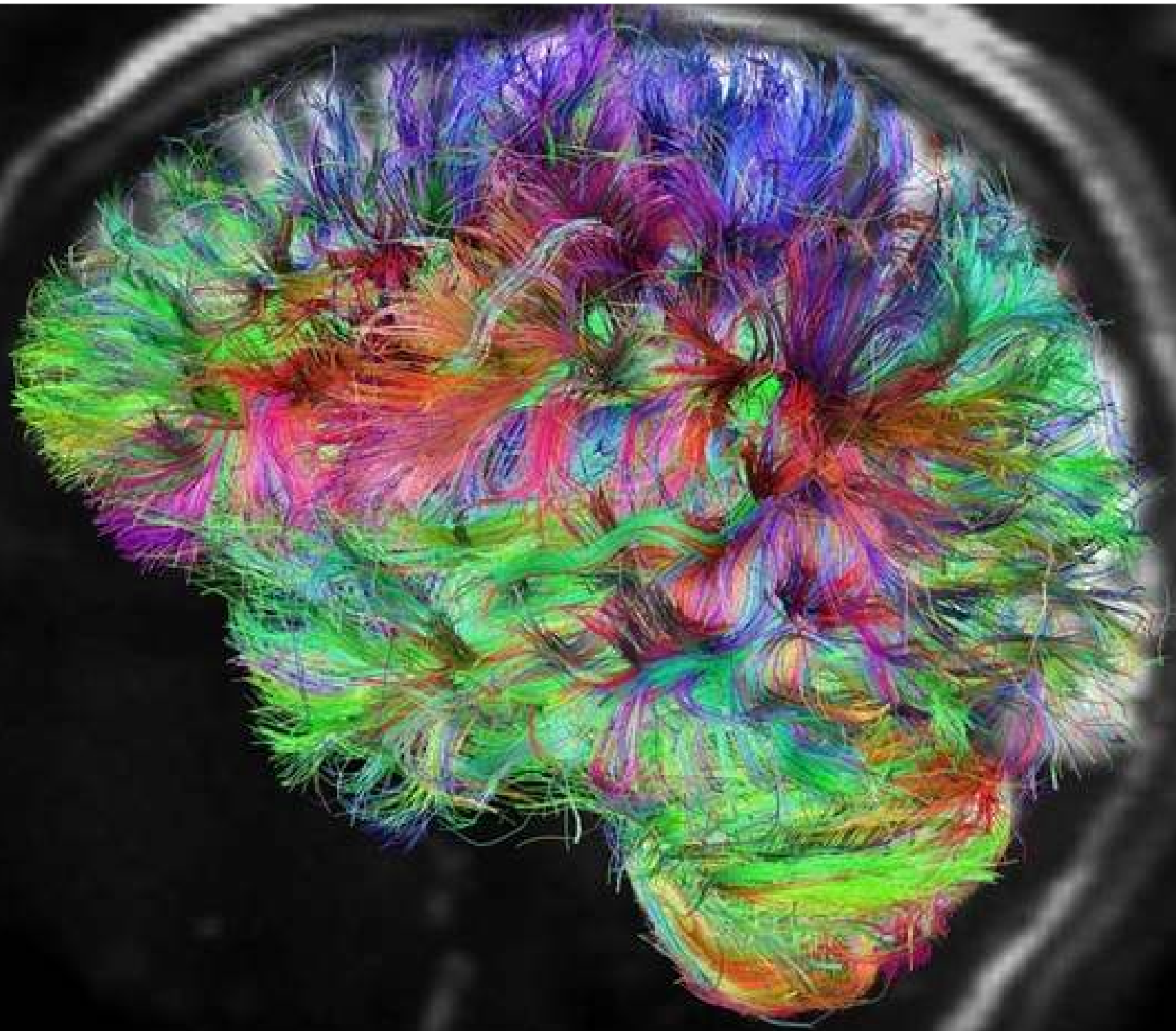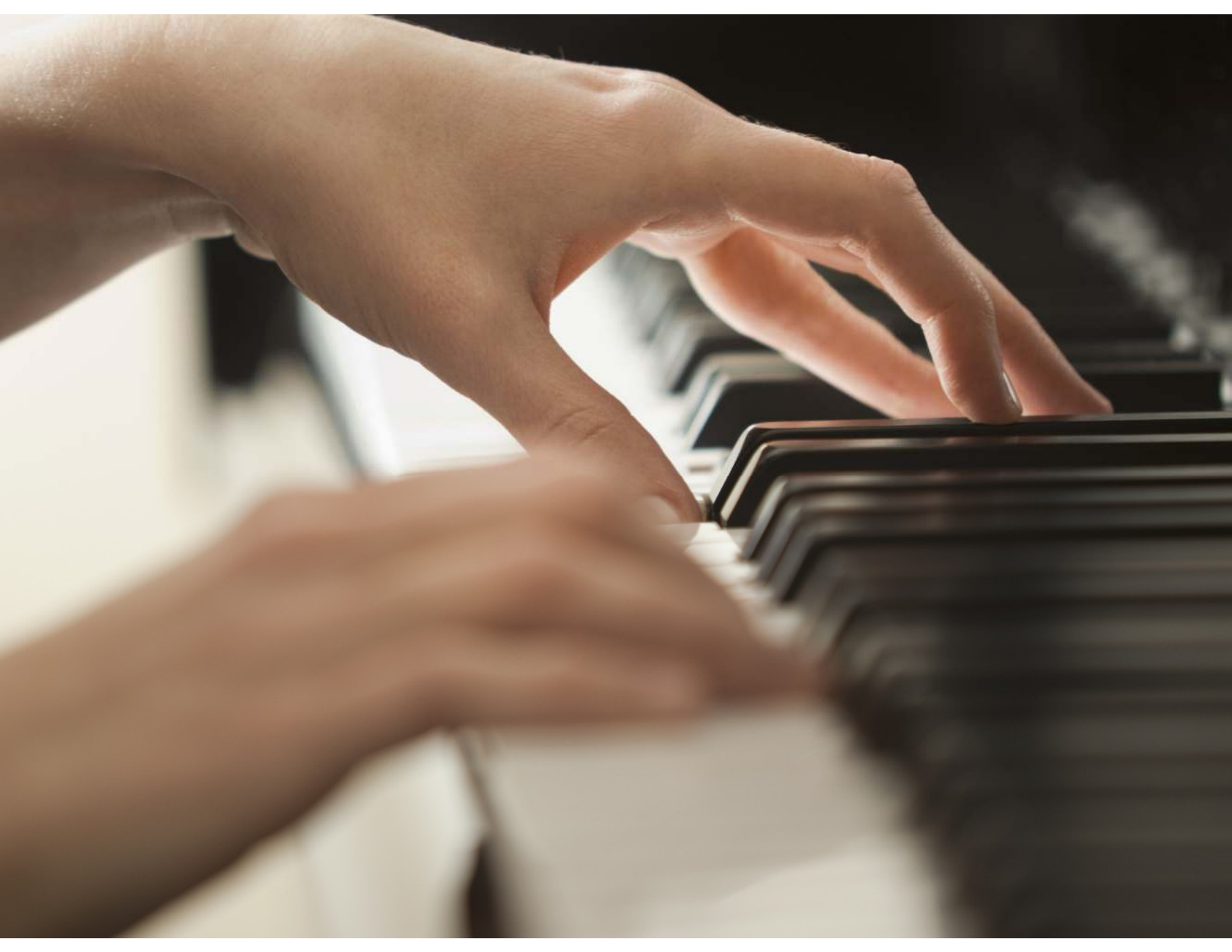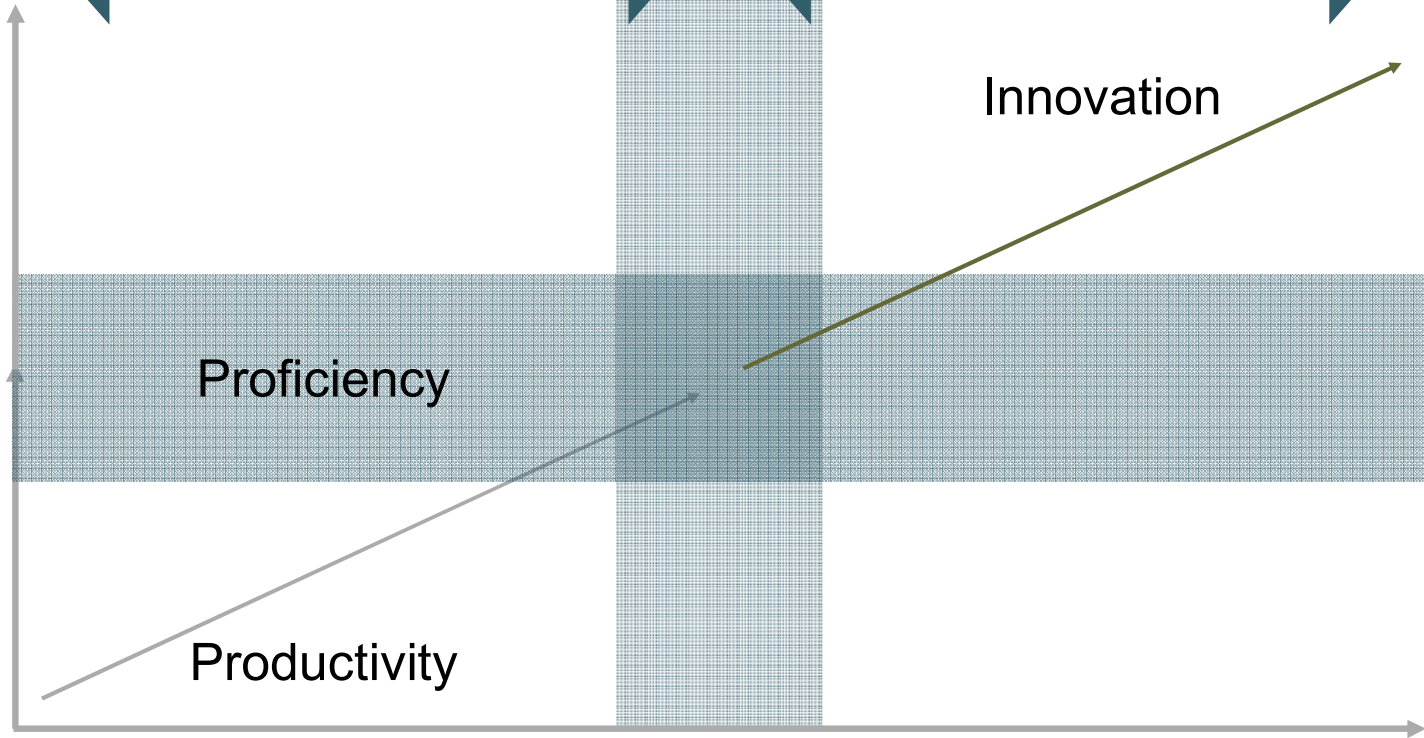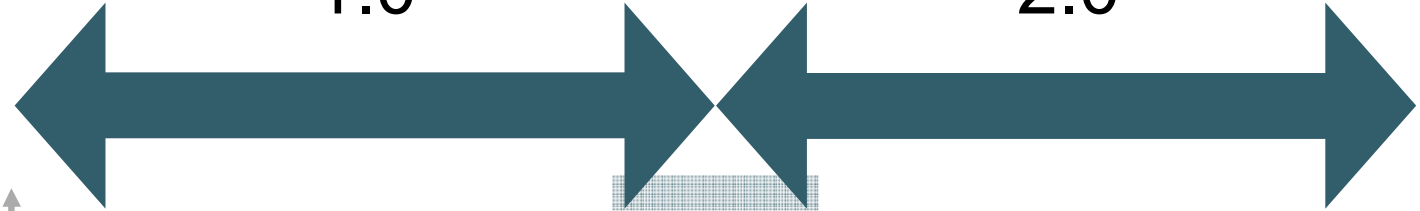
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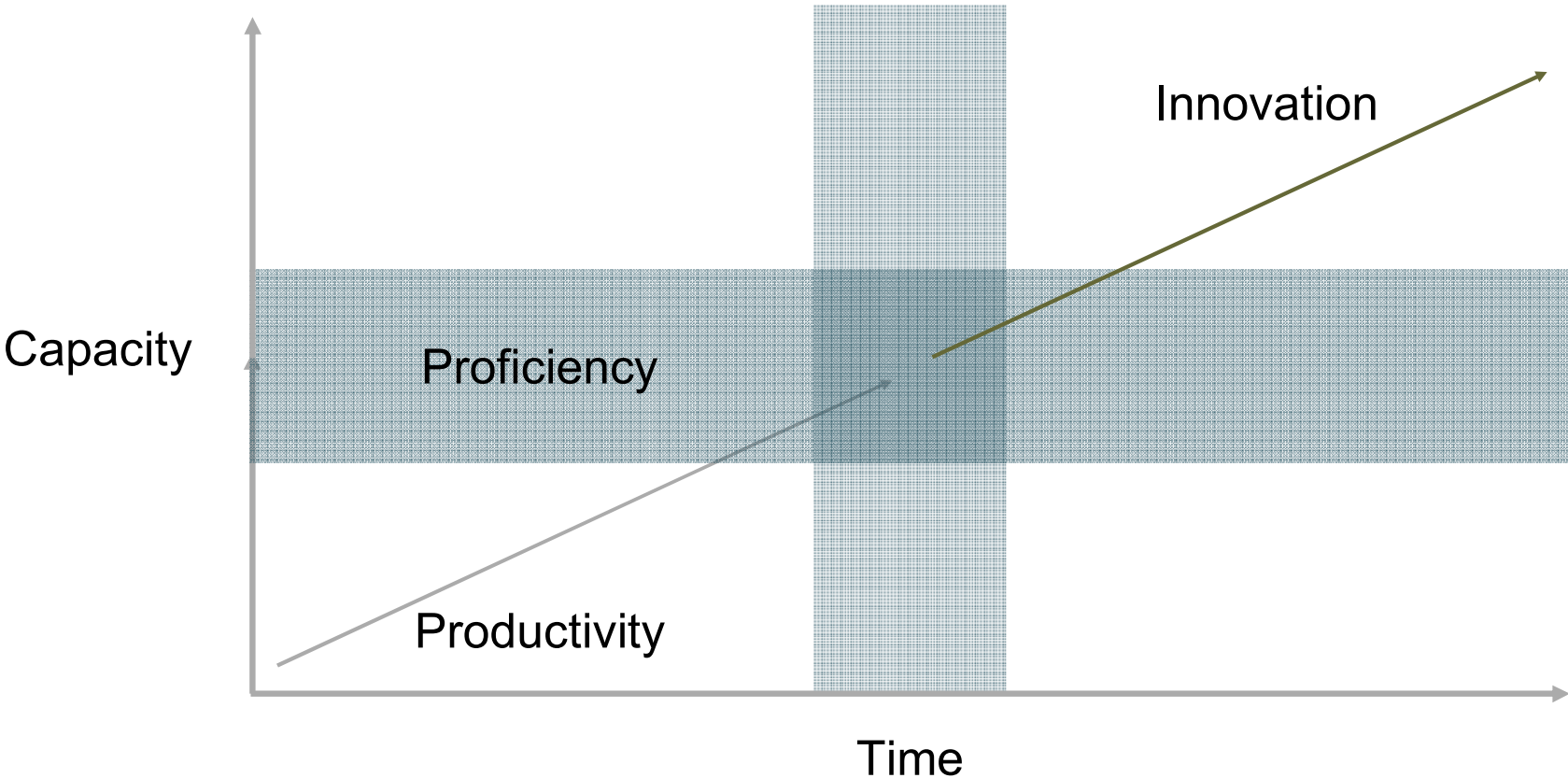
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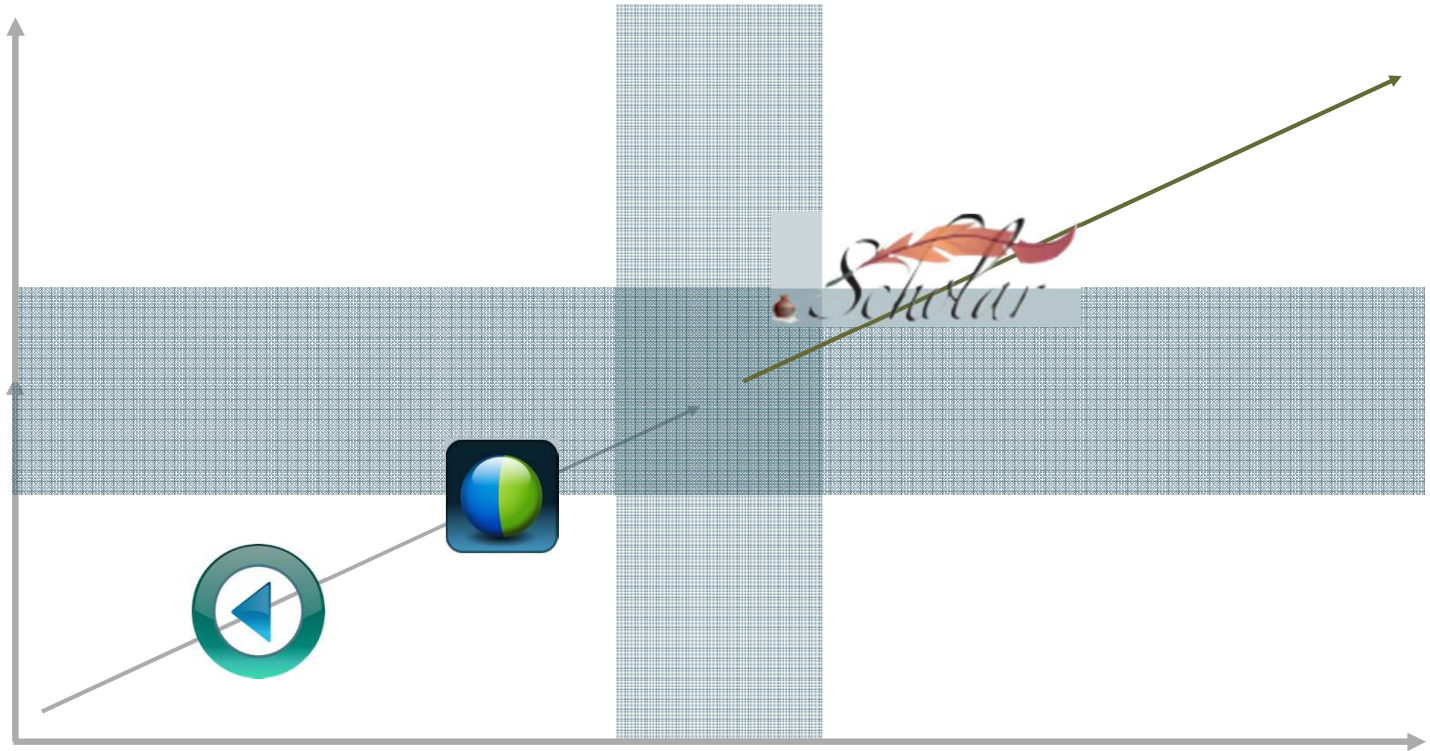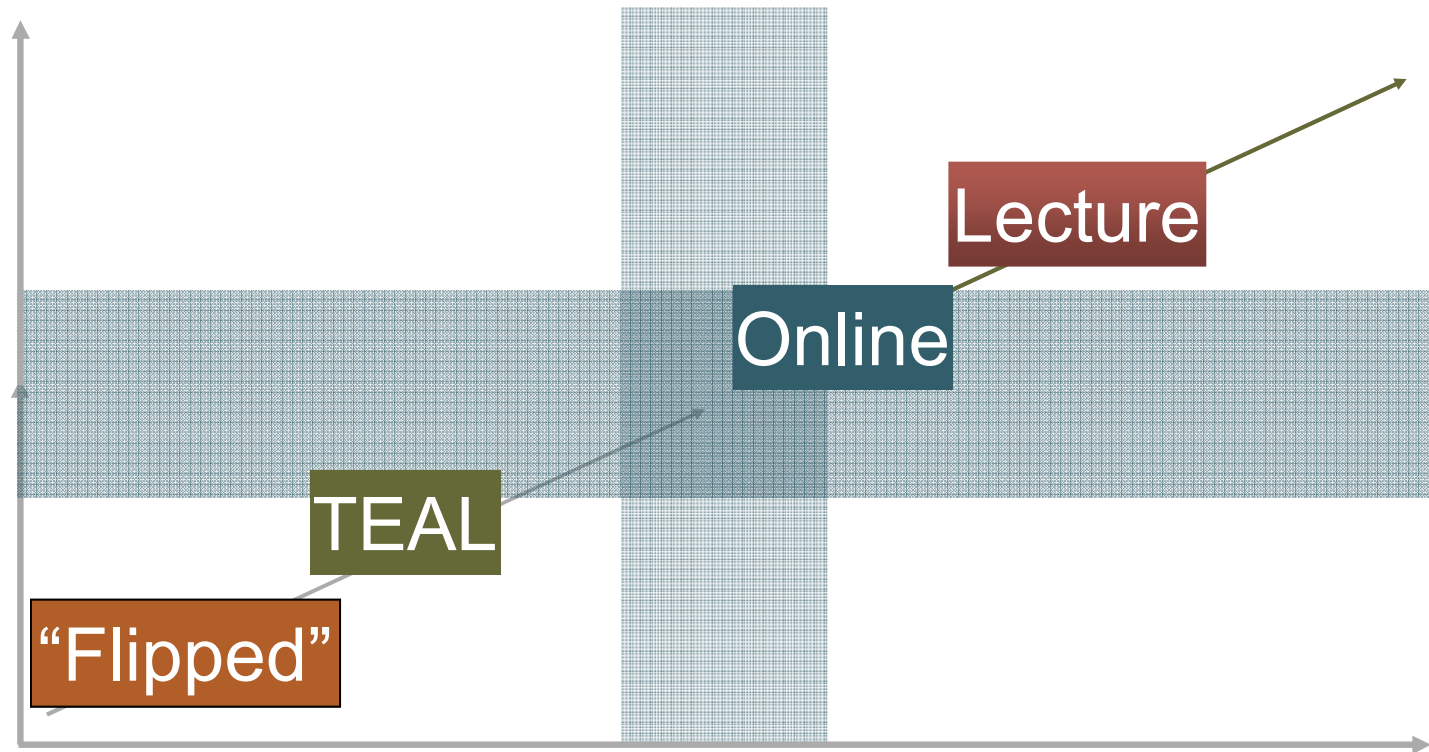
Strategies

Technology-enhanced Learning & Online Strategies

2014-2016 IT Operational Plan (excerpt)

Pillar 1: Enabling Networked Learning in the Networked University

2014-2016 IT Operational Plan (excerpt)

Area 1: Online and technology-enhanced education

2014-2016 IT Operational Plan (excerpt)

learning strategies including support for **effective design** of lea

2014-2016 IT Operational Plan (excerpt)

Initiative 1: Provide **creative**, **technical**, and **financial** support for faculty members and graduate teaching assistants engaged in online and technology-enhanced education

Task 1: Explore, encourage, and support **technology-enhanced active learning** (TEAL) as part of the ongoing refresh of TLOS' teaching and learning initiatives.

Task 2: Expand strategic **course redesign**, **program development**, **course development**, and **assessment** efforts across the range of teaching modalities.

Task 3: Advance and streamline the TLOS grant processes and programs to **encourage innovative uses of instructional technologies** across Virginia Tech.

2014-2016 IT Operational Plan (excerpt)

Goal 2: Investigate, develop, and utilize current tools and em

2014-2016 IT Operational Plan (excerpt)

Initiative 2: Address the charge of The Plan for a New Horizon to "develop an appropriate infrastructure for e-learning", including a **defined institutional approach to online learning**.

Task 1: Provide an agile and responsive environment for discovering, evaluating and disseminating new applications of **emerging technologies and pedagogies**

Task 2: Define, advocate, model, and support evolution of **virtual learning spaces** and systems to advance 21st century learning environments.

How to Invent the Future?

- Improve our organizational capacity to deliver rich technology-enhanced learning experiences.

  - Rich Learning Environments

  - Support for Faculty Digital Fluency

  - Multi-modal Course Design and Development

How to Invent the Future?

- Collectively "own" outcomes of excellence.

  - World-class learning environments.

  - Rich, engaging interactive course content.

  - The most advanced faculty support and content development strategies in the world.

Concrete actions

- Align TLOS activities with complimentary high impact/high priority initiatives [General Education, Office of Assessment]

- Improve our capacity to develop rich, interactive course content suited for multi-modal delivery strategies [TLOS reorg, partnerships]

- Explore and implement next-generation learning platforms [scale, media use, content accessibility]

- Enable exploration and implementation of learning analytics [tools + strategic vision + support]

- Facilitate individualized faculty digital fluency support [modular NLI, consultations, FRM]

"Before you become too entranced with gorgeous gadgets and mesmerizing video displays, let me remind you that information is not knowledge, knowledge is not wisdom, and wisdom is not foresight. Each grows out of the other, and we need them all."

— Arthur C. Clarke