

IUPUI Faculty Council Committee Annual Report 2014-2015

Committee Name: IFC Technology Committee

Chair: Sara Anne Hook

Members:

Members with Term Expiring June 30, 2015

Ghoneima, Ahmed (Dentistry)

Theadwall, Kate (Liberal Arts)

Vinson, LaQuia (Dentistry)

Wendeln, Ken (Business)

Members with Term Expiring June 30, 2016

Baich, Tina (University Library)

Fulton, Cathy (Nursing)

Gavrin, Andy (Science)

Hook, Sara (Informatics & Computing) (Chair)

Jafari, May (University Library)

Keele, Benjamin (Law Library)

Vernon, Robert (Social Work)

Walsh, Susan (Science)

Whipple, Elizabeth (Medicine Library)

Liaisons for 2014-2015 (or Ex Officio)

Friesth, Barb (Nursing) (Liaison from Distance Education Committee)

Jones, Josette (Informatics & Computing) (Executive Committee Liaison)

Morrone, Stacy (UITS) (Administrative Liaison)

Technology Committee Assignments, 2014-2015

- ✓ Review of FLAGS system to review enhancements made during summer 2013
- ✓ Review updates to the RFS system
- Review e-learning system – not sure what this means
- ✓ Monitor transition from Oncourse to Canvas
- ✓ Testing Center
- ✓ Online course evaluations with the Testing Center (will work with Melissa Lavitt)
- Oncourse project sites – what do we use now?
- ✓ Evaluate Blue Online Course Evaluations with regard to ease of use, security, and analytics capabilities.

Action Items:

Action Item(s)	Status
Conduct joint meeting of Distance Education Committee with IU Online Office Leadership	The meeting was held on November 11, 2014. Unizin and IU Online were the primary topics, with presentations/discussion on each. Also discussed the replacement of the FAR system and how to divide the work/issues between the two committees

IUPUI Faculty Council Committee Annual Report 2014-2015

Product to replace the FAR (will work with Melissa Lavitt) (NOTE: 11-26-14 KEL: A product was selected and discussion lends to what kind of data will be received once the product is used.)	Melissa Lavitt presented information on the product at the April 14, 2015 meeting. None of the committee members were part of the pilot project. Also discussion at the January 13, 2015 meeting.
Review of FLAGS system to review enhancements made during summer 2013	Presentation/discussion: October 14, 2014 meeting
Review updates to the RFS system	Presentation/discussion: February 10, 2015 meeting
Monitor transition from Oncourse to Canvas	Presentation/discussion: October 14, 2014 and March 10, 2015 meetings
Testing Centers/Online Testing Systems (Respondus)	Presentation/discussion: January 13, 2015 and March 10, 2015 meetings
Learning Spaces on the IUPUI campus	Presentation/discussion: January 13, 2015 meeting
Update on collaboration technologies	Presentation/discussion: February 10, 2015 meeting
Update on the Jetstream system and IUanyWare	Presentation/discussion: February 10, 2015 meeting
IT dashboards	Presentation/discussion: March 10, 2015 meeting
IU Online update	Presentation/discussion: March 10, 2015 meeting.
Status of IUPUI ScholarWorks	Presentation/discussion: April 14, 2015 meeting
Open Access Journal initiative	Presentation/discussion: April 14, 2015 meeting
Update on Blue course evaluation system	Presentation/discussion: April 14, 2015 meeting
Reviewed and approved revisions to the charge of the IFC Distance Education Committee	March 10, 2015 meeting
Update on new e-portfolio system (Taskstream)	Presentation/discussion: April 14, 2015 meeting
Chair's Report to IUPUI Faculty Council	February 23, 2015

Action Items to be carried over to 2015-2016:

Action Item(s)	Status
How does the committee become informed about policies, guidelines, recommendations, proposed technologies, etc. and how can it provide input before a decision is made?	Discussed, concerns expressed to various administrators about the lack of input until it is too late and the decisions about technology are already made. Same issue was discussed by the IFC Distance Education Committee.

<p>Blue course evaluation system</p>	<p>Continue presentations/discussions, advocate for what is needed by faculty, make concerns known and receive updates on status. We hope that the committee can provide input during implementation. Also concerns about which questions would be used, whether there would be common questions across the campus and the extent to which questions would be customizable by school/department/program, etc.</p> <p>Another concern with the course evaluation system is the cut-off dates. For example, some schools stop the collection of responses on the last day of classes, while others continue until final course grades are due and even beyond. Should this be standardized across campus?</p>
<p>FAR system</p>	<p>Continue presentations/discussions, advocate for what is needed by faculty, make concerns known and receive updates on status. We hope that the committee can provide input during implementation. Committee members offered to be "testers" for the new system.</p>
<p>Oncourse project sites – what do we use now?</p>	<p>I don't recall that this was discussed. It was discussed at the IFC Distance Education Committee meeting and the solution appears to be the academic/curricular-related projects can have a site in Canvas. All other projects (search and screen, etc.) will need to use Box.</p> <p>Continue discussions, advocate for what is needed by faculty, make concerns known and receive updates on status.</p>

Suggested new action items for 2015-2016:

Action Item(s)	Status
See first item above	

Please attach any completed documents, minutes, or recommendations made by your committee during this report year. One copy of this report and supporting documents will be sent to the IUPUI University Archives.

Report due: June 30, 2015

**Submit to: Karen Lee
Faculty Council Office
klee2@iupui.edu**

Minutes of the IFC Technology Committee Meeting
Held September 9, 2014 from 9:00 a.m. – 11:00 a.m. at UL 2115E

Present: Andy Gavrin (Science), Mark Bannatyne (E&T, Chair), Ken Wendeln (Business), Tina Baich (University Library), Cathy Fulton (Nursing), Sara Hook (Informatics & Computing), Elizabeth Whipple (Medicine Library)

The Chair called to the meeting to order at 9:05 a.m.

Introductory Items

- a. Those present took a few moments to introduce themselves and detail which college they represented
- b. The meeting's agenda was reviewed and approved without any additions or corrections
- c. As there were so few members who were able to attend the first meeting, discussion was heard to delay the review and approval of April 8, 2014 Minutes until the meeting in October
- d. The Chair reviewed with those present the committee's Charge from the Faculty Council
- e. The Chair offered a few remarks about the Learning Technologies Steering Committee (LTSC) and asked if anyone knew if they were still sitting. Elizabeth Whipple mentioned that the committee was still organized and that she also sat as a member of that committee. The Chair asked Elizabeth if she would be able to make a report to this committee in October on the actions being taken by the LTSC. Elizabeth agreed to do so.
- f. Sara Hook mentioned that she was also a member of the Faculty Council (FC) Distance Education (DE) Committee and would be willing to also make a report on the work of that committee in October.
- g. The Chair offered a few remarks on the 2014 Annual Report from this committee offered to the FC by the outgoing Chair and asked if there was a desire to hear any discussion. (Hard copies of the report were available to those present and also may be downloaded online.) Hearing no comments the report stands as written.
- h. The Chair offered some comments on the need he saw for a Co-Chair being named from the members of this year's committee. While a Co-Chair had not been selected in past years the Chair expressed his opinion that perhaps it would be advantageous to select one of the sitting committee members this year to fill that capacity should the Chair not be able to attend due to diverse circumstances. Those present agreed that this could prove to benefit the work of the committee so there would be no delays in accomplishing its duties. The

issue will be raised again in the October 2014 meeting when more committee members would be present to consider the issue. was Consideration of Committee Co-Chair

- i. Discussion was heard on the need to identify a Committee Secretary due to the fact that Theresa Walsh has taken a leave of absence for the immediate future and can no longer serve in that capacity. The Chair indicated that he would be pleased to contact some departments on the campus and try to identify a student who might be able to fulfill these duties as part of an internship or other training which could also benefit their studies. It was also suggested that should we not be able to identify a candidate that perhaps the duties of secretary could be filled by sitting members each taking a turn. The issue will again be discussed at the October 2014 meeting.
- j. The Chair raised the issue of the dates and times for this committee to sit each month and asked if anyone had a desire to re-schedule the meetings to another day or time. There was general agreement that this day and time each month was as suitable as any other and that the schedule should remain as presently planned. (NOTE: The Chair mentioned that only one member had approached him to say they had a slight conflict this semester and that in the next semester his schedule would allow him to attend the full meeting.) The schedule will therefore remain as planned for the 102014-2015 academic year.. Discussion of schedule for 2014-2015 academic year

Agenda Items for Coming Year

Considerable discussion was heard on the planning of agenda items for the coming year. A summary of the discussion heard follows:

- a. "FLAGS" was discussed with the opinion stated that this issue should be visited soon and could even be scheduled for the October meeting if time would permit. Issues which were raised included "How many faculty members were using it?" and, "How was programs implementation being measured?"
- b. There was agreement that the roll out of "Canvas" should be made a priority of this committee and that it should be placed on the October agenda. Concerns expressed included a deeper desire to know how much the software cost the university, and how it was going to be implemented. Opinions were also heard as to what support would be offered to faculty to maintain its use, and which features may be coming into the implementation plan and when they would be available. There was some discussion also heard on the limited amount of space available within Canvas for faculty to use and more information on this issue was much desired. Additional discussion heard expressions made as to how Canvas compared to Oncourse and what plans were being made to keep Oncourse available as the transition to Canvas progressed. The question was asked if whether or not a Oncourse or Canvas Priorities Committee existed to review issues with both systems.

- c. Ken Wendeln offered several remarks which led into a detailed discussion by all present as to the value that might be seen in having UITS create a “Dashboard” that would reflect ongoing initiatives and changes which affect the use of technology on our campus both for teaching and research. This suggestion was met with great interest by those present and considerable discussion was heard as to the problems that arise too frequently in regards to software upgrades or access protocols which occur with little or no warning leaving faculty and staff to scramble to discover how the technology can or cannot be used to deliver instructions. Several examples of scenarios where faculty were not able to deliver instruction were heard and discussed. This discussion included some comments on the timeliness of upgrades or changes which will ensure that faculty have even time to plan for the implantation of technology in their classes before each semester starts so they are not caught at the last moment that they do not have the proper means available to present their material.

Further discussion was heard about establishing a terminal goal this year to review and possibly establish the idea of setting up a “dashboard” for this committee so our work could be viewed by the campus in an ongoing manner.

- d. Some discussion was heard on how University College was using their system to track and re-direct students to programs. (Kathy Johnson’s name was linked to this discussion as a referral for such questions.) This would be a good item for the agenda of a future meeting.
- e. Several related issues were then heard:
- 1) Are we benchmarking what other peer institution of higher education are doing in regards to their IT practices and protocols?
 - 2) How much revenue is being expended each year to maintain our IT systems and how is it being tracked and justified through use? How many people are using which software packages, and is that tracked so we can get an idea of the “cost verses use” is justified?
 - 3) How is the campus measuring IT utilization in regards to the space required to maintain computer labs and how often seats in the labs are being used? (This issue could also be raised with Space Planning on the campus.)
- f. Further discussion was briefly heard on the following issues:
- 1) Is it possible to see an inventory of rooms online, or could such a system be implemented for the entire campus so any department could access it?
 - 2) What Changes are coming in our E-mail system on campus?
 - 3) VPN has changed – What is replacing it and how is it used and made available to faculty?
 - 4) What is the status of the server consolidation plans?

- 5) What are the future plans for both "Box" and Dropbox" being available faculty and staff?
- g. Further information would be desirable sometime during this academic year on the move toward "Competency-Based Programs" instead of traditional grading and the implementation of "STCs" (Student Testing Centers) on this campus.
- h. The Chair informed the members that it was his intention to attend each Faculty Council Meeting starting in October and offer a brief report on the committee's work at each session.

Action Items

- a. The following items were discussed and referred to future meetings for placement on the agenda:
 - 1) The IU Online Director be invited to speak and field questions at our November 2014 meeting
 - 2) The status of "UNIZIN" be placed on the October 2014 agenda so more information can be learned about it
 - 3) The further information be forthcoming on "RFS" system during the January 2015 meeting
 - 4) The Chair will explore the possibility of having our November 2014 meeting combine with the Distance Education Committee. Particular attention will be giving to eLearning initiatives on the campus.

Other Business

No other business was brought forward.

The meeting adjourned at 10:45 a.m.

Additional Information

Future Meeting Dates (Tuesdays, location UL 2115 E):	2014: October 14 November 11
	2015: January 13 February 10 March 10 April 14

IFC Technology Committee and Distance Education Committee

Minutes of Joint Meeting held on November 11, 2014

Attending members of the Technology Committee: Sara Hook (also member of Distance Education Committee), Cathy Fulton, Benjamin Keele, Kate Thedwall, LaQuia Vinson, Elizabeth Whipple, Andrew Gavin, Bob Vernon, Fred Rees, Josette Jones

Attending members of the Distance Education Committee: Barb Friesth, Rachel Applegate, John Gosney, Nolan Taylor, Catherine Lemmer, Ken Rennels, Kris Dreifuerst, Gina Londino

Meeting was called to order at 9:00 a.m. Attendees introduced themselves, the agenda was approved, and Ben Keele agreed to take notes for the meeting.

Unizin

Stacy Morrone from UITS presented on Unizin. She noted that vendors could control the digital instruction ecosystem. Instead, Unizin is a consortium of universities that will enable institutions of higher education to own and control the infrastructure and content. Unizin is a member-owned service based on three principles: digital content, platform, and analytics enable members' core education; missions, members want control over data, students, and content; and directing loosely coupled services help protect those interests.

Canvas has been selected Unizin's first learning management system, and progress is being made to add pilot content sources and analytical tools.

IU Online

Barbara Bichelmeyer from the Office of Online Education reviewed the Office's history and function in the IU system. Students taking online courses often enroll at multiple campuses, and the Office has established a unified face for recruiting students.

Attendees discussed issues with system-wide decisions and how faculty can be better informed and provide input.

Replacement for the FAR System

A task force led by Anne Massey is considering proposals from two vendors for a product to handle faculty annual reports. The vendors are Digital Measures and Elsevier Pure.

The Technology Committee will follow up on the faculty annual report vendors.

Work of the Two Committees

The Technology committee will follow up on proctoring and the testing center. The Distance Education committee will follow up on the online proctoring solution, called Monitor. There was a general discussion of dissatisfaction with IUPUI's ability to impact technology decisions

earlier in the decision making process. It was acknowledged that the process seems more complex as decisions are being made for the University system-wide, and our faculty governance groups do not seem poised to interface with UITS and decision making groups in our current structure given the cross-campus nature of decisions that are being made.

The meeting adjourned at 11:00 a.m.

IUPUI Faculty Council Technology Committee
January 13, 2015, 9-11am
MINUTES

Members Present: Sara Hook (Chair), Tina Baich, Cathy Fulton, May Jafari, Josette Jones, Ben Keele, Stacy Morrone, Kate Thedwall, LaQuia Vinson, Ken Wendeln, Beth Whipple

Guests Present: Howard Mzumara, Kevin Brokamp, Julie Johnston

The meeting was called to order at 9:05am. Attendees introduced themselves, the agenda was approved, and Tina Baich agreed to take notes for the meeting.

The minutes were approved with corrections.

Sara Hook is working to resolve membership conflicts.

Review of Issues Covered to Date and Joint Meeting

Sara Hook asked if other issues have come up on which the Committee would like reports. Topics for February 10 meeting are RFS (Research File System), collaboration technologies and the new Jetstream system.

Kate Thedwall suggested an update on how faculty are doing with the Canvas migration and its usage. Stacy Morrone will be giving an update on this to the Distance Education Committee on February 12. She will provide the update to this Committee at the March 10 meeting.

Ken Wendeln raised his idea of a dashboard to collate data and set measures of progress. Stacey will invite Rob Lowden to the March meeting to discuss this.

Testing Center Update (slides handout provided) – Howard Mzumara and Kevin Brokamp

The Testing Centers (TCs) provide services to students, faculty, and staff including placement tests via the Internet and "unproctored" testing as well as proctored tests in TC facilities (BS3000 & SL070). Proctored computer-based class tests are being utilized by Schools of Nursing, Science, and Liberal Arts. Ken Wendeln asked about measures to ensure academic integrity of unproctored tests. Howard said they verify test scores and look at score distribution in conjunction with faculty. They have had relatively few incidents.

TCs provide added values of campus access to potential students, revenue, and community service (outreach testing).

A \$50/student testing fee is assessed to incoming students taking placement tests (beginning fall 2014), which is used to fund the TCs in a variety of ways including proctoring. BS3000 administers more than 3,812 tests per fiscal year. SL070 administers more than 50,000 tests per academic year. Stacey said removing Student Technology Center (STC) space from Testing Center suites as TCs become more successful is a possibility.

The TCS have been piloting Respondus LockDown Browser and have received overwhelmingly positive feedback. There is also a student version available through IUWare that works with Canvas, but they

haven't promoted this yet because they are still in the pilot phase. Respondus Monitor is part of the LockDown Browser product and captures video of a student taking an unproctored test. Committee members expressed great interest in offering this as an option for faculty and students.

Howard is part of the university-wide Proctoring Task Force.

Scheduling is currently using Appointment-plus vendor solution, but the TCs will be collaborating with an external vendor and UITS to develop a custom scheduling solution for the long-term.

UITS will come back to committee with plan for expanding the pilot of Respondus.

Revisioning STC Spaces – Julie Johnston

Julie Johnston is Director of Learning Spaces for UITS and chaired an STC Visioning Committee. The Committee surveyed both UITS Tech Consultants and other students in Bloomington and Indianapolis. They consulted with faculty who were interested in learning spaces and plan to engage in further faculty consultation. They will also be working with the Learning Technologies Steering Committee (LTSC). Kate Thedwall suggested having a joint meeting with the LTSC.

The number one want in the student survey was quick print options from their own devices. UITS will be implementing high end printers to accommodate this. The printers will also staple. UITS is also exploring 3D printing and multimedia production as a result of survey.

UITS will provide update on student print quota usage.

Ken Wendeln suggested an STC/Starbucks combo space in the connector between University Library and BS.

UITS' vision for STCs includes the following:

Develop a cohesive plan to support "bring your own device"

More collaborative group work space

Variety of device charging options including wireless charging options (Powermat)

Adding dual monitors or large monitors

Brand and name the spaces

Tablet study spaces (looking at Windows 7 tablets because of log in capability)

Specialty printing including expanded plotter services.

Student presentation practice rooms

Digital Media Lab

Dream, plan, and deploy theme-based spaces

Makerspaces

Gaming spaces

ED2011 will be pilot of lab to "bring your own device" space.

Replacement for FAR – Beth Whipple

There is an IU-wide committee looking at possible replacement products for the FAR. Vendor meetings were held with Digital Measures and Elsevier Pure in November. A lot of the elements are fairly standard, but Beth is unsure either system captures the difficult things well. Elsevier Pure has nice

reporting features. Both products will generate CVs. It was Beth's impression that the group was leaning towards Elsevier Pure.

Stacy said that Pure leans towards a research / grants perspective, and doesn't track things like civic engagement and other things IUPUI values very well. The systems under consideration go out and mine for your publications, etc. Since we are such a diverse institution, there is no perfect solution. Digital Measures is probably better at covering more bases like service, etc. Anne Massey has convened the group, but Stacy is unsure if a product has been selected.

Stacy said they will port over data in existing FAR system to whatever new system is chosen. She anticipates implementation for next year's FAR, though it may be a pilot. Sara Hook suggested this committee act as testers. Stacy will talk to Anne about this.

It was suggested that David Lewis or Jere Odell give update on the new open access policy to this committee.

Review of Plans

Sara reviewed the planned topics for the remaining meetings: (Second Tuesday of the month, from 9:00 a.m. - 11:00 a.m. in UL 2115E):

February 10:

RFS (Research File System)

Collaboration technologies

The new Jetstream system.

March 10:

Canvas migration and usage

Dashboard

Respondus proctoring system

IU Online update

April 14:

LTSC joint meeting?

Open access policy / ScholarWorks

Lync / phone update

The meeting adjourned at 10:50am.

ACTION ITEMS

- Stacy will provide Canvas migration and usage update at March 10 meeting.
- Stacy will invite Rob Lowden to March 10 meeting to discuss dashboard concept.
- UITS will come back to committee with plan for expanding the pilot of Respondus.
- UITS will provide update on student print quota usage.
- Stacy will talk to Anne Massey about members of this Committee serving as testers for the new FAR system.

IUPUI Faculty Council Technology Committee

February 10, 2015 9-11am

MINUTES

Members Present: Sara Hook (Chair), Tina Baich, Cathy Fulton, Ahmed Ghoneima, Maymanet Jafari, Ben Keele, Robert Vernon, LaQuia Vincent, Ken Wendein, Beth Whipple

Guests Present: Craig Stuart, James McGookey, Matt Link, and Stephanie Cox

The meeting was called to order at 9:02 am. Attendees introduced themselves, the agenda was approved, and Cathy Fulton agreed to take notes for the meeting.

The minutes were approved.

Sara Hook will obtain a copy of the "Revisioning STC Spaces" PowerPoint from presenter, Julie Johnston, from the 1/13/2015 meeting.

Review of Issues Covered to Date

Ken Wendeln raised the question about benchmarking. At the March 10 meeting, Stacey Morrone will invite Rob Lowden to present the types of IT dashboards. In addition, Stacey will provide an IU online, Respondus proctoring system, and Canvas migration and usage updates.

IU File Store (IUFS) Update (Slides handout provided) - Craig Stewart

There is a need to keep files secure from others and when used to store information on research data grants. IUFS is trying to provide faculty and students with a secure system/to have something that is secure even when the system is not absolutely perfect. The current status of the IUFS is that no one is happy with the system. The current priorities for the IUFS (in order) include: First, IUFS must have the capability of storing critical data; Second, IUFS price point should be close to \$.50 per GB; and, Third, the ability for group access control and user-driven version restoration is important.

Currently a 3- or 4- pronged approach is being utilized: IUFS beta-testing timeline is two months to whenever it is completed; IU "something something" (IURS?) which supports research data that must be accessed at high speed and/or PHI; and Intelligent Infrastructure II, which has a time line of months. Possibly Box could be used for critical data as well. Information that is put in Box costs nothing. Initially researchers can store non-critical data in Box for sharing for free.

Cloud providers won't tell where data is stored and security could be an issue. The Data Center in Bloomington is very secure as IU maintains control over data.

The IUFS Beta RFP and Timeline are as follows: Beta is to be launched Spring 2015. Beta testing will last no more than one year with exit strategy for participants- 1 TB max allocations, no after-hours support, support through SC, Windows and Mac OS X platforms initially. The RFP will be sent out in February, with installation complete and operational by the end of March. A pilot period of 180 days with the selected vendor will take place, with a scale out upon successful pilot. IUFS will stay in beta for at least a year. UITS will migrate users to different infrastructure, as needed.

Craig stated that a request for proposals for RFP will be put out. A vendor is being sought who can provide a commercial grade solution with the company's back for upgrading and maintaining service and

the cost to be responsible at \$.50/GB. Individuals would call a support center to deal with customer services issues.

IUFS will be HIPAA and FISMA compliant. Researchers will not have to de-identify data sets before uploading into IUFS.

Capabilities for IUFS include the following: Supports critical data with encryption at rest and in-transit; pricing ~\$.50/GB/year; support for ADS and ACL based permissions; snapshots and version for at least 60 days; user initiated recovery; no tape or TSM; can be replicated between IUPUI and BL; CIFS protocol based, NSF possible; TBs of storage and self-healing.

IUFS will be redundant between Bloomington and IUPUI. Critical data will be kept on discs and copies will be kept on tape, Scholarly Data Archive. IUFS should help simplify data storage choices.

Craig will have Stacy Morrone follow-up with us regarding functionality/sharing information between two faculty members and a student when using Box with Canvas.

Update on Jetstream System (Slides handout provided) -Craig Stewart

Jetstream is NSF's first cloud for science and engineering research across all areas of activity supported by the NSF. Jetstream will be a user-friendly cloud environment designed to give researchers and research students access to interactive computing and data analysis resources "on demand." Jetstream will leverage Globus tools for data movements and authentication. It will provide a user-selectable library of virtual machines that users can select from to do their research. Software creators and researchers will also be able to create their own customized virtual machines or their own "private computing system" within Jetstream. The science domains and users include biology, earth science/polar science, field station research, geographical information systems, network science, observational astronomy, and social sciences. Jetstream will be particularly focused on researchers working in the "long tail" of science with born digital data. One of the special foci of Jetstream is enabling analysis of field-collected empirical data on the impact and effects of global climate change.

Currently, there are a large group of collaborators (5000) with Jetstream. 1/2016-2/2017 Jetstream will go into production. 10% of allocation will go to our users. Jetstream now becomes one of three options UITS has for virtualized delivery of applications.

The IUanyWare team (led by Stephanie Cox) now has joint reporting to Research Technologies and Client Services& Support to better take advantage of new opportunities.

IU anyWare – Stephanie Cox

IUanyWare is a Citrix environment with traditional IU anyWare that runs on a Windows platform. Users connect to a URL and sign in to whatever software the IU has approved for the user to log in to. Faculty, staff, and students can use IUanyWare without installing software.

60K unique users are anticipated by the end of October 2015. More new IU anyWare users are using tablets or phone. IU anyWare has worked with teams of people to provide customized images.

Update on Collaborative Technologies – James McGookey

The responsibilities of Collaborative Technologies are university-wide as well as regional. The regional responsibilities are the greatest as the regional campuses are more collaborative. Responsibilities include:

- Video Help Support when technology does not work
- Video Streaming –iStream (live streaming), Kaltura (a cloud based video repository)
- Lecture Capture-Echo 360 (classroom and personal capture)
- Web Collaboration-Adobe Connect (online synchronous meetings)

Kaltura started in December 2014 with classroom use. Kaltura can be close captioned. Adaptive Technologies can close caption or a third party can close caption in 24-72 hours.

Echo 360 can automatically record in the classroom or for personal capture. The lecturer just logs in to start the recording. Echo 360 has analytics: The lecturer knows who has watched the lecture and for how many minutes. Echo 360 also captures “hot spots”, so the lecturer knows which spot in the lecture have been viewed often.

In terms of web collaboration, Adobe Connect includes mobile apps (iOS and Android) which are available to faculty, staff, and students. As a result, everyone can host a meeting. Adobe Connect is synchronous with live interaction. There is a hook inside Canvas to Adobe Connect. Recordings are currently only available to students. This feature is not fully functional yet, but in June 2015 it will be decided if this feature goes into production.

The Technology Committee encouraged James to develop a decision tree to help faculty, staff, and staff decide which one of these technologies is the best one to use for a given need.

Review of Plans

Sara reviewed the planned topics for the remaining meetings (Second Tuesday of the month from 9:00-11:00 am in UL2115E):

March 10:

Canvas migration and usage-Stacy Morrone will present
Dashboard-Stacy Morrone will invite Rob Lowden to present
Respondus proctoring system
IU Online Update

April 14:

LTSC joint meeting?
Open access policy/ ScholarWorks
Lync/phone update
Perma

The meeting adjourned at 10:56 am.

IFC Technology Committee, 2014-2015

Report to the IUPUI Faculty Council

February 3, 2015

Sara Anne Hook, Chair

Charge: This committee shall examine overall planning, use, and funding of technology at IUPUI; and advise and act as liaison with administration, as well as faculty and other technology committees including those which are university-wide (e.g., University Faculty Council, University Information Technology Services) (Bylaw III.B.13).

At our September meeting, Chair Mark Bannatyne and the committee developed a schedule of topics and potential guest speakers. In keeping with the committee's charge, we have covered a number of issues so far in 2014-2015, which included presentations and discussion with guests from a variety of organizations within Indiana University.

In October, we were provided with a presentation on the Canvas system, including statistics on migration to Canvas, the progress on new features and tools, and the training opportunities for faculty. We also received an update on the FLAGS system.

In November, we had a joint meeting with the IFC Distance Education Committee, chaired by Barbara Friesth. Our two main topics, which included very fine presentations, were Unizin and IU Online. The interrelationship between Unizin and Canvas was also explained. At this meeting, we also divided up the work of the two committees, with the Technology Committee following up on online proctoring and the Testing Center as well as the progress towards replacement for the FAR system. At this meeting, committee members from both committees discussed issues with system-wide decisions and that faculty would like to be better informed and provide input, especially since nearly all of these topics – and the systems being designed or implemented for them – have a direct impact on faculty work and the ability to serve students as well as account for faculty time and efforts.

In January, we had presentations on and discussed:

- IUPUI Testing Center (including the new testing/proctoring system and how it works within Canvas)
- Learning Spaces on the IUPUI campus – student technology centers and what will replace them
- Replacement for the FAR, including a report on the products from two vendors that were reviewed. Committee members are interested in serving as testers for the new FAR system.

At our February 10 meeting, we will hear information about and discuss:

- Update on collaboration technologies
- Update on the Research File System
- The new Jetstream system

At our March 10 meeting, we will hear information about and discuss:

- Types of IT dashboards that currently exist or that are planned for the future (how are we doing overall on UITS performance, all systems)
- Update on the migration to Canvas
- Respondus proctoring system
- IU Online update

At our April 14 meeting, we hope to have a presentation and discuss:

- Status of IUPUI ScholarWorks
- The Open Access Journal initiative
- Update on the phone system (Lync and Bridge)

In April, we will perhaps have a joint meeting with the Learning Technologies Steering Committee.

AGENDA

IUPUI Faculty Council (IFC)

Tuesday, February 3, 2015 / 3:00 – 5:00 p.m. / CE 409

I.	3:00 p.m.	Welcome and Call to Order Ed Berbari, IUPUI Faculty Vice President, eberbari@iupui.edu
II.		Adoption of the Agenda as the Order of Business for the Day
III.		[Action Item] Approval of the IFC January 6, 2015, Minutes Attachment: http://www.iupui.edu/~fcouncil/minutes/2014-15/minutes_1-6-15.pdf
IV.	3:05 p.m. 10 minutes	Updates / Remarks from the Chancellor Charles R. Bantz, Indiana University Executive Vice President and Chancellor of IUPUI, cbantz@iupui.edu
V.	3:15 p.m. 10 minutes	Updates / Remarks from the IFC President Marianne Wokeck, President, IUPUI Faculty Council, mwokeck@iupui.edu
VI.	3:25 p.m. 30 minutes	[Information Item] Update on Strategic Goals Regarding Faculty Development Melissa Lavitt, Senior Associate Vice Chancellor for Academic Affairs, mlavitt@iupui.edu
VII.	3:55 p.m. 5 minutes	[First Read] Election Slates: At-Large Members (Tenure Track and Non-Tenure-Track), Faculty Grievance Advisory Panel, and Board of Review L. Jack Windsor, Chair, Nominating Committee (Slates begin on page 2.)
VIII.	4:00 p.m. 25 minutes	Call for IFC or UFC Standing Committee Reports <ul style="list-style-type: none">• Academic Affairs Committee (John Watson, Chair)• Budgetary Affairs Committee (L. Jack Windsor, Chair)• Campus Planning Committee (Miriam Murphy, Chair)• Technology Committee (Sara Hook, Chair)
IX.	4:25 p.m. 10 minutes	Question / Answer Period Ed Berbari
X.	4:35 p.m. 5 minutes	Unfinished Business Ed Berbari
XI.	4:40 p.m. 5 minutes	New Business Ed Berbari
XII.	4:45 p.m. 5 minutes	Report from the IUPUI Staff Council Lee Stone, President, leestone@iupui.edu
XIII.	4:50 – 5:00 p.m.	Final Remarks and Adjournment - Next Meeting: March 3, 2015, CE 409

IFC Technology Committee
March 10, 2015, 9-11am
UL2115E

Minutes

Members Present: Sara Anne Hook (Chair), Tina Baich, Cathy Fulton, Jennifer Herron (for Beth Whipple), Ben Keele, Stacey Morrone, Kate Thedwall, Ken Wendeln

Guests: Aaron Neal, UITS Director of Enterprise Software.

Sara Anne Hook called the meeting to order at 9:05am.

Sara declared Beth and LaQuia's new babies to be honorary members. Beth had her baby on February 23 and LaQuia was due around the same time.

Agenda was approved as presented.

Minutes were approved as presented.

The slides from previous presentations are all on the Oncourse site. Sara attended a meeting of the IFC Distance Education Committee as liaison from this Committee in February.

IT Dashboards

Aaron Neal, Director of Enterprise Software

UITS uses Google Analytics to assess systems such as Canvas. It helps them see what is going on in real time (i.e. how many users are on, what they are looking at). UITS can also look at what is being used most over a one month period.

Browser compatibility is a moving target because browsers and software change so frequently.

UITS has created several dashboards using the Tableau visualization tool. One such dashboard is for UITS user survey data from 2009-2014. Another dashboard for enterprise systems shows where UITS is spending its hours and money.

Ken Wendeln asked about what the data is telling us. Are there benchmarks to measure the data against? Aaron said this gets to the heart of the Decision Support Initiative, which intended to measure against metrics set out in the Bicentennial Plan.

The Decision Support Initiative is not a UITS project, but they are creating tools in support of it. UITS will be looking at tools to manage and mine big data like Oncourse logs. The idea is to build systems and reports based on the decisions that need to be made rather than just automating and visualizing existing reports. The Initiative was just approved and a kick-off meeting was held a few weeks ago. Information about it can be found at dsi.iu.edu/index.php.

UITS is building tools and dashboards to support the decisions that need to be made and to measure success based on the Bicentennial Plan. All proposed projects for will be evaluated by the DSI

governance. Projects have to be things that can move quickly and require a time commitment from the unit proposing the project.

Various reports and dashboards are accessible at ds.iu.edu.

Canvas Migration & Usage

Stacey Morrone

26,000 students and 1,500 instructors are now using Canvas. Stacey expects a large migration to come this summer. There are 1,050 published courses this spring (25-30% of courses have transitioned). More people than expected moved voluntarily to Canvas beginning in the fall, which is different than what they saw with original Oncourse. Some faculty feel Canvas is better than Oncourse. It is a fully-featured LMS.

Migration tools are now done and in place to move content from Oncourse to Canvas.

Communication Studies is the number one Canvas user group. Kate said they were mandated to transition and worked in groups on specific courses with a facilitator. Stacey liked the idea of group classes for specific disciplines.

Business is number two user group. Herron and Nursing are also high users.

Cross-listing is an issue in Canvas. Stacey isn't sure if this is working now. She will check and let Sara know.

Teaching with Canvas Pioneer Awards were announced. There will be three given: one Bloomington, one IUPUI, and one regional winner. Winners will receive a \$2,500 stipend. They have received 41 applications from across the university. A team of people will review the applications and invite a smaller group to submit dossiers.

Full-time faculty and lecturers are eligible; the awards are not open to part-time or adjunct faculty. Kate said the language was problematic because lecturers are full-time faculty. It should have read full-time tenure-track and non-tenure-track faculty.

Ken suggested not giving the stipends and having more awards. Stacey has an idea to reward more good ideas with smaller stipend awards for which everyone would be eligible. Kate said this would be very good for associate faculty. Stacey said they could work with FACET as peer reviewers.

This first round of awards is smaller because there are still relatively few faculty on Canvas. UITS is also looking for some Canvas advocates to promote it with other faculty.

Stacey said UITS now has a pretty good working list of project site use cases at this point. They are moving towards a model where anything that has an instructional aspect to it would automatically be considered for Canvas (i.e. R110 instructors' site). Project sites such as Search & Screen Committees may be good candidates for Box if the site has primarily been used as a document repository and communication mechanism. UITS is looking at the use cases and wants to provide a roadmap of project site migration. Stacey hopes to have the roadmap complete in April and will consult with the Oncourse Priorities Committee and Learning Technologies Steering Committee, both of which meet in April. Kate

believes this is logical and a good idea. Stacey said IT Training could do some short training videos for Box.

Stacey asked what we thought about UITS developing a cadre of students who could do the migration to Canvas for faculty if faculty would like. Students would only be moving content, not doing anything pedagogical. This effort could be coordinated through the teaching centers. The Committee agreed this was a good idea. Kate offered the Gateway spring workshop on May 11 as an opportunity to roll out the initiative and sign up faculty.

IU Online

Stacey Morrone

Stacey has an E-Learning Design and Services Team who help faculty working on high priority online courses. There are currently 86 courses in development at IUPUI and 70 in Bloomington. Sara is working with representatives from the regional campuses to develop an online BS in Informatics. The proposal is to be submitted by April 30. They are working on learning outcomes and beginning to place discrete topics in specific courses. Informatics has rolled out differently at the various campuses so everyone is coming from a different perspective.

Respondus Proctoring System

Stacey Morrone

Ten instructors are now using Respondus in the Testing Center with great success. Lockdown Browser has been put in on some computers in Engineering & Technology, but Stacey doesn't have any use information on that yet. Online proctoring is being discussed by the proctoring task force, and Respondus Monitor is one of the products being considered.

Proposed revisions to charge of IFC Distance Education Committee

Sara Anne Hook

The changes are slight. The Committee wants to be a standing committee rather than ad hoc because of the IU Online initiative. They also updated the groups they work with because some of the names have changed. The Committee was positive about the changes.

Review proposal for the Blue Online Course Evaluation System

Sara Anne Hook

Sara heard last week from Melissa Lavitt and Marianne Woceck that IU is moving to a vendor-based online course evaluation system. She provided a packet of information she was able to gather. There is a lack of clarity on what this committee's role will be, but Sara will find out.

Ben Keele stated that the Academic Affairs Committee would like to have the pilot replicated here since it was only piloted in Bloomington, and it now seems to be planned for implementation system-wide. An IUPUI pilot would delay full implementation beyond the fall semester.

There was a brief discussion of the problem around student participation in course evaluations. Participation is low without incentives. Ben suggested requiring a decision to either complete or not complete before receiving grade.

How does the committee become informed? and how can it provide input?

Kate said John Gosney's listserv should go to all faculty. Stacey said this is possible. Kate said faculty could opt out. Stacey talked to Pratibha Varma-Nelson about changing the subject line of the Center for Teaching and Learning emails to reflect what is in them, but she declined.

UITS was not really involved in the Blue online course evaluation pilot. It was run out of Academic Affairs. Stacey suggested inviting Melissa Lavitt to this meeting about what is on the horizon. The eDossier was built by UITS, so they could do a demonstration. Stacey would prefer to not do this until after hearing Melissa's plans. The organization of the eDossier is Bloomington-centric. This is only for P&T, not annual review.

Next meeting:

Melissa Lavitt

Jere Odell – ScholarWorks/Open Access Policy

TaskStream (ePortfolio for students - Stacey will set up)

Perma (Ben)

Respectfully submitted,

Tina Baich

IFC Technology Committee
April 14, 2015

Minutes

Members Present: Sara Anne Hook (Chair), Ben Keele, Tina Baich, Barbara Friesth, Kate Thedwall, Ahmed Ghoneima (via phone), Ken Wendeln, Jennifer Herron, Susan Walsh, May Jafari, Josette Jones, Andy Gavrin

Guests: Lynn Ward, Jere Odell, Melissa Lavitt, Howard Mzumara

Sara Anne Hook called the meeting to order at 9:00am.

The agenda was approved as presented.

Taskstream

Lynn Ward from UITS gave a presentation on Taskstream, an e-portfolio solution licensed by IU. The license makes the tool available to all students, faculty, and staff. The tool enables users to create online portfolios and can integrate with Canvas. It also provides a framework for assessing the portfolios. One can assess student work and link it to learning outcomes and standards. Lynn said the web folio part of the tool is pretty intuitive, but integrating Taskstream into Canvas may require some guidance from UITS.

Blue, Faculty Annual Report, and eDossier

Melissa Lavitt, senior associate vice chancellor for academic affairs, spoke about Blue, a new online course evaluation product IU has licensed. The IFC Academic Affairs Committee is discussing the questions used in course evaluations. How Blue is precisely implemented will depend on the academic units because they will pay for additional questions.

Lavitt said IU had selected Digital Measures as the product to license to replace the FAR. The Medical School will pilot Digital Measures next year, and complete deployment is expected in 2016. She noted that when a committee had selected four options, some faculty and librarians were asked to evaluate the options.

Kate Thedwall noted that the Technology Committee and campus tended to be notified of major product selections after the decisions had been made. She expressed concern that faculty and the Technology Committee were not given sufficient opportunity to provide input. Leavitt noted that some decisions were made at the IU system level.

Ken Wendeln expressed concern that the FAR was confusing and difficult for faculty to use. He was also concerned that online course evaluations will lead to reduced student response rates, which would make the data less useful for course improvement and faculty evaluation.

Sara Anne Hook was also concerned about low student response rate. She was also concerned that the students will think their anonymity is not assured when they complete evaluations.

Members expressed a desire for best practices for administering student course evaluations and compared paper and online evaluation forms.

Lavitt noted that the Bloomington campus had piloted Blue. Blue allows core questions, can be further customized by academic units, and offers better tools for data analysis.

The wall expressed concern about insufficient communications to the Technology Committee. Lavitt indicated that she had provided information to the IFC Executive Committee, but it appeared the information was not filtering down to committees and faculty.

Barbara Friesth asked how Blue would be funded. Lavitt said the pilot was free, and academic units would pay for their use of the system. Over time Blue is expected to save money.

Andy Gavrin said the campus faculty should decide on the core questions, but there will be different norms across units. Comparisons could be made within units, but it would be very difficult to make comparisons across units.

Lavitt indicated that there is a recognized need for different questions for each unit.

Howard Mzumara noted Blue would automate many back office functions and would improve reporting.

The wall inquired about tying releasing grades to completing evaluations. Mzumara indicated that may be seen as coercion, but that was a policy matter. He also noted Blue can combine course sections and specify time windows when evaluations are open.

Lavitt indicated the new eDossier system is a work in progress and may result in some changes for submission and review of tenure and promotion dossiers.

IUPUIScholarWorks and Open Journal Systems

Jere Odell discussed the IFC Open Access Policy and showed the OA portal University Library has created. He noted that many faculty works are added by librarians with faculty permission.

Odell and committee members discussed copyright and ethical issues related to open access.

Members indicated support for linking ScholarWorks and Digital Measures such that publications in ScholarWorks can be imported to Digital Measures reports. Odell expressed a desire for more student-authored works and student-edited journals, and noted University Library can offer hosting for journals.

Friesth noted the Technology Committee should pay attention to the development of project sites in Canvas.

The minutes of the March 10, 2015 meeting were approved as presented.

The meeting adjourned at 11:00am.

Submitted by Ben Keele