# **International Forum of Open and Online Education**

2nd and 3rd of October – University of Ottawa FSS4007

#### **Theme**

Since the 1970s, technology has been involved in streamlining the entire society and the university's education system. In fact, distance engineering has developed a mass education accessible to all. Moreover, engineering processes have helped reduce costs and standardize quality by streamlining the training process. Computers and networks have democratized learning in universities. Educational resources are always more accessible and open to all communities. However, new issues arose, which are related to the semantic of big data produced during the interactions in these training systems and instructional challenges. This conference will attempt to address these issues, particularly for the francophone context, by presenting an overview of the research and practices in the field to ultimately participate in the development and technological transformation of higher education.

### Thursday October 2, 2014

SESSION I : TENDANCE OU MUTATION INSTITUTIONNELLE

## Julia Colyar

Senior Policy Analyst, Council of Ontario Universities, Canada, <u>The Ontario Online Initiative:</u> Transformation through Collaborative Practice

#### **Transcript**

- 00:00 welcome back I hope you enjoyed your
- 00:02 your lunches I'm glad to see everyone
- 00:05 back now it's my pleasure to introduce
- 00:08 Julia Collier Julia is a senior poly
- 00:12 policy analyst at the Council of Ontario
- 00:14 Universities she's a senior prior to
- 00:20 working at the COU she was a faculty
- 00:22 member in the Department of Educational
- 00:24 leadership and policy at the University
- 00:26 of Buffalo I've had the pleasure to know
- 00:28 Julie a little bit this last year

- 00:30 working around issues of the COU in the
- 00:33 caller from Ontario online and it's a
- 00:35 real pleasure to work with her and I'm
- 00:36 really glad that she could make it here
- 00:38 today so Julia please come up thank you
- 00:58 everyone well good afternoon I think
- 01:04 the after lunch spot is a little rough
- 01:06 but I'm sure you're all going to be
- 01:08 mesmerised by this topic I'm really
- 01:12 happy to be here today to talk about
- 01:14 this project and I really want to thank
- 01:15 Richard and Emmanuel for for inviting me
- 01:19 here it's already been a really great
- 01:21 learning experience and I know there's
- 01:23 much more that I have to learn as
- 01:25 Richard said I'm at the the Council of
- 01:28 Ontario Universities and I should start
- 01:31 by saying who we are COU is a member
- 01:34 organization and we represent the 20
- 01:36 different publicly funded universities
- 01:38 in Ontario and our purpose is to
- 01:41 facilitate communication to provide a
- 01:43 little bit of of infrastructure to
- 01:47 enable collaboration sometimes and to
- 01:51 help shape advocacy efforts both to the
- 01:54 provincial government and also to the
- 01:57 public in the context of the Ontario
- 02:00 online initiative our role has been sort
- 02:04 of again to provide a little bit of
- 02:06 infrastructure and organization to help
- 02:09 bring information from the Ministry
- 02:11 about
- 02:12 funding guidelines and opportunities to
- 02:14 universities but also to take
- 02:17 information from University members and
- 02:20 bring it back to the government to say
- 02:22 hey don't you think that we should be
- 02:24 doing this we're more or less successful
- 02:28 I think in that way so you can see that
- 02:30 we're situated outside of universities
- 02:32 and outside of the provincial government
- 02:34 and that's the perspective from which
- 02:36 I'll be talking today I've been working
- 02:42 in higher education for a number of
- 02:43 years as Richard said as a faculty
- 02:46 member before that as an advisor and a

- 02:48 researcher an administrator and in all
- 02:51 of that time I had very little
- 02:53 experience with online education I've
- 02:56 never taken an online course and in fact
- 02:59 as a faculty member thinking about
- 03:01 online was really scary and not
- 03:07 something that I or my department
- 03:10 felt was a real priority even though
- 03:11 it's been emerging for quite some time I
- 03:14 had probably even less experienced
- 03:17 thinking about collaboration I remember
- 03:20 as as an assistant professor in my first
- 03:23 few days I got this advice keep your
- 03:25 head down close your door get your
- 03:28 research done so this might be really
- 03:30 good advice for a faculty member but
- 03:33 it's not great advice to inspire
- 03:35 collaboration what I did bring to COU
- 03:39 despite these gaps in my background and
- 03:41 experience with an interest in
- 03:43 post-secondary institutions and their
- 03:46 contexts policies that shape the work of
- 03:49 universities and faculty and thinking a
- 03:52 lot about student experiences and I've
- 03:55 learned a great deal in my time at COU
- 03:57 so I want to talk today about some of
- 04:03 these things that I have learned and
- 04:04 about our initiative in particular I'll
- 04:07 start with a little bit of background
- 04:08 about the Ontario context talk about
- 04:11 approaches to online in the fast last
- 04:13 few years leading up to this current
- 04:15 initiative and then spend some time
- 04:17 thinking about this this new consortium
- 04:21 which is being called at least for now
- 04:23 Ontario online and if you hang around
- 04:26 our office is enough here really you
- 04:28 will hear different phrases being used
- 04:31 to describe this new thing I guess
- 04:35 that's just the way it is I also want to
- 04:39 confess that I was I was telling my good
- 04:41 colleague Nancy Walton earlier that I
- 04:43 was feeling a lot of anxiety about this
- 04:45 presentation in the last several weeks
- 04:47 because what I was wanting to do was
- 04:49 come here and say this is our consortium

- 04:51 this is this great new thing but in fact
- 04:55 when we don't even have a consortium yet
- 04:57 we have we're working toward it it's a
- 04:59 work in progress but I'm mindful of I'm
- 05:05 increasingly mindful because of
- 05:06 conversations from earlier today that a
- 05:09 consortium is always going to be an
- 05:11 involved evolving thing we will probably
- 05:14 always be working towards some kind of
- 05:16 progress and I think that it's our job
- 05:19 to take good care fulfill steps and I'm
- 05:23 sure that you have good advice for me
- 05:24 today so I will appreciate that so a
- 05:28 little bit about our context first just
- 05:36 quickly so in Ontario we have 20
- 05:38 universities that are publicly funded 24
- 05:41 colleges that's about 450,000
- 05:44 undergraduates and about 60,000 graduate
- 05:47 students in Ontario and then another 220
- 05:50 college students what's a pretty big
- 05:52 pretty big group of students colleges
- 05:56 and universities were established with
- 05:57 very different missions and mandates and
- 06:01 there was at the time there was not a
- 06:03 goal of having students move from one
- 06:05 sector to the other they were different
- 06:08 animals in many ways they still are both
- 06:11 have grown tremendously in the last
- 06:13 number of years and there has been this
- 06:15 kind of mission creep so there are some
- 06:18 colleges that offer bachelor's degrees
- 06:21 applied bachelor's degrees and
- 06:22 university is increasingly think about
- 06:25 internships and co-ops and the kinds of
- 06:27 experiences that lead to sort of direct
- 06:29 prepare for work kinds of programs
- 06:35 in the summer of 2012 the Ontario
- 06:38 Ministry of Training Colleges and
- 06:40 Universities that's MTCU for me a lot
- 06:42 of acronyms so I apologize MTCU they
- 06:46 initiated a process for the development
- 06:48 of strategic mandate agreements which
- 06:50 are SMAs these are bilateral agreements
- 06:54 negotiated between each university and
- 06:56 college and the government and they are
- 07:00 intended to support MTC use interest in

- 07:02 differentiation so each University and
- 07:06 College set out to describe themselves
- 07:08 to you to the government including
- 07:10 things like program strengths areas for
- 07:13 growth each of the agreements includes a
- 07:16 section addressing the same section so
- 07:20 sections like teaching and learning
- 07:22 research fiscal sustainability that kind
- 07:25 of thing and each of these different
- 07:29 sections teaching and learning research
- 07:31 etc they each have a set of metrics in
- 07:33 them that universities will have to use
- 07:36 in order to sort of measure their
- 07:38 progress you're sensing my hesitation
- 07:41 because it's still unclear how these
- 07:45 SMAs are going to be used in the world
- 07:47 we know they're going to be used for
- 07:49 things like program growth or program
- 07:51 development new programs perhaps and
- 07:55 they will be used for the allocation of
- 07:56 graduate spaces may be other things the
- 08:00 ministry's goal for these documents is
- 08:02 to help support student access and
- 08:05 success to build on University strengths
- 08:07 to avoid duplications and to maintain an
- 08:11 efficient and financially stable post
- 08:14 secondary sector so if we know who has
- 08:17 strengths where then funding can be
- 08:19 directed in particular ways now in many
- 08:24 ways Ontario's context is already
- 08:27 differentiated there are colleges and
- 08:28 universities quite different there are
- 08:32 also different kinds of universities
- 08:34 there are larger universities and
- 08:36 smaller universities are francophone
- 08:37 institutions we have an art and design
- 08:40 university we have a technology-focused
- 08:44 institution
- 08:46 so there's already a great deal of
- 08:47 diversity across the province but the
- 08:50 government is looking for something a
- 08:51 little different there's also a lot of
- 08:54 overlap across universities of course
- 08:57 but the SMAs and this differentiation
- 09:00 agenda asked universities to commit
- 09:03 particular kinds of goals and areas of

- 09:06 growth this process has been taken have
- 09:11 taken more than a year and it's it's
- 09:13 caused my own hesitation and also the
- 09:16 anxiety of lots of people may be in this
- 09:19 room because we don't know exactly how
- 09:22 the SMAs is are going to be used and in
- 09:24 particular if they'll be used to make
- 09:25 funding decisions for universities and
- 09:27 any kind of concern around fundings you
- 09:30 know is is magnified and lots of
- 09:32 interesting ways I wanted to spend a
- 09:35 little bit of time talking about this
- 09:36 framework because it is the backdrop
- 09:38 upon which online and this new
- 09:41 initiative sort of emerges and it's not
- 09:44 neutral and because while the principles
- 09:47 make good sense in many ways they don't
- 09:50 always agree with the efforts of the
- 09:52 online space and so the result is that
- 09:55 it's very complicated another important
- 09:58 element in the Ontario context and maybe
- 10:00 your context as well is this issue of
- 10:02 Graduate outcomes I don't think I
- 10:06 there's a day that goes by that we don't
- 10:08 see something in the paper about
- 10:10 university graduates getting jobs at
- 10:12 Starbucks and the ways that the labour
- 10:15 market doesn't match kinds of graduates
- 10:18 that university of produce so the this
- 10:24 focus at times to me seems quite
- 10:26 instrumental but this is a narrative
- 10:28 that is present it's one that we have to
- 10:30 figure out how to disrupt universities
- 10:33 are then working to define themselves to
- 10:35 articulate graduate outcomes may be
- 10:37 worried about future funding decisions
- 10:39 and on the horizon we see a flattening
- 10:42 of enrollment so we've been in a period
- 10:45 of growth for a number of years now
- 10:49 we're going to see that flattening off
- 10:50 and maybe even we're going to see it
- 10:51 decline so one way to think about this I
- 10:54 think is that universities are competing
- 10:57 for a shrinking pool of students
- 10:59 in fact universities may be competing
- 11:01 for students with colleges and

- 11:03 universities especially as students and
- 11:06 families are worried about what their
- 11:08 graduates are going to do in the labor
- 11:10 market and and families and students may
- 11:14 be looking for applied programs that
- 11:15 lead to a specific kind of career path
- 11:17 and of course if with declining students
- 11:21 or declining enrollments comes declining
- 11:24 tuition so this is this is kind of a big
- 11:29 deal I'll put it that way to make things
- 11:33 even more complicated I know you're
- 11:34 wondering could it get more complicated
- 11:36 yes it can we had a recent election in
- 11:40 Ontario and we now have a majority
- 11:42 government and that gives a lot of us
- 11:44 some confidence about stability over the
- 11:48 next save for years but one of the
- 11:50 signals we get from the ministry is that
- 11:52 we're in a time of fiscal restraint so
- 11:54 they're not going to be listening when
- 11:55 we come to them every year and say we
- 11:57 really would like some more funding
- 11:59 they're going to be saying to us
- 12:00 actually no think about the ways that
- 12:03 you can use the funding that you already
- 12:05 have or maybe a little bit less so I
- 12:08 hope that I've made clear that taken
- 12:10 together these contextual factors point
- 12:13 to a couple of themes one is the
- 12:15 question of competition University of an
- 12:18 Ontario compete for students University
- 12:21 of sometimes compete with colleges for
- 12:22 students and in so doing they compete
- 12:24 for funding the second is collaboration
- 12:28 actually it's more the promise of
- 12:30 collaboration because the SMA process is
- 12:34 intended to provoke a kind of
- 12:36 collaboration in a systemic way so that
- 12:39 parts are fitting together in a way that
- 12:43 seems harmonious at least to the
- 12:44 ministry and and universities need to be
- 12:47 thinking about the ways that they might
- 12:49 specialize to fit in to this new
- 12:52 integrated system but these two themes
- 12:56 are definitely at odds and we're kind of
- 12:59 in a space of what I've been calling

- 13:01 collabortition which is an uneasy mix not
- 13:06 sure how you'll translate it between
- 13:09 collaboration and competition and it's
- 13:12 as
- 13:12 awkward to say you can try it
- 13:14 collabortition it's as awkward to say as
- 13:17 it is to be in in terms of our
- 13:20 experiences it's a time of tension it's
- 13:25 a time of opportunities I think there's
- 13:27 a lot of work to be done so into this
- 13:32 context comes a new initiative and
- 13:35 online education but it's certainly not
- 13:37 new for years now online opportunities
- 13:41 have been around in Ontario distance
- 13:43 education has been around a long time
- 13:45 once it was called correspondence
- 13:47 courses or programs they've been around
- 13:49 for probably a generation or longer and
- 13:51 they've evolved into very robust to
- 13:53 online programs both the colleges and
- 13:56 the and the University of have have
- 13:58 invested a significant amount of their
- 14:00 resources into online development in
- 14:02 separate ways there are lots of
- 14:04 continuing education efforts across the
- 14:07 province there are currently more than
- 14:09 3,000 online courses available at
- 14:12 Ontario University is almost 200,000
- 14:15 course registrations and about 133 fully
- 14:18 online programs mostly at the
- 14:20 undergraduate level there are also a
- 14:23 number of online partnerships developing
- 14:26 and/or are well established for example
- 14:29 the Ryerson York exchange which is an
- 14:31 online platform hosting about 40 courses
- 14:34 that are eligible for transfer across
- 14:35 York and Ryerson it's also worth
- 14:38 mentioning that the college secretary
- 14:40 Ontario has a very robust consortium of
- 14:43 its own I'm called Ontario Learn which
- 14:45 facilitates transfer opportunities for
- 14:48 students and I'm sure there are other
- 14:50 partnerships that I don't know anything
- 14:52 about yet the development of online is
- 14:55 also very uneven so some universities
- 14:58 have invested a lot of resources and

- 15:00 have incredible programs and some
- 15:02 universities are just getting started so
- 15:05 the playing field is quite different
- 15:08 evenness isn't even part of the
- 15:11 conversation right now universities in
- 15:14 Ontario started thinking about a
- 15:15 consortium approach just with
- 15:18 universities about two years ago and
- 15:21 this was the Ontario Universities Online
- 15:25 and this idea came out of a provincial
- 15:28 speech a speech of the provincial level
- 15:30 when we had an idea that the ministry
- 15:32 might provide some direction and so the
- 15:37 goals of this Ontario Universities
- 15:39 Online were to support collaboration in
- 15:42 the development and delivery of
- 15:44 technology-enabled learning so to start
- 15:47 with this this consortium seven
- 15:50 universities got together there were
- 15:52 some working groups many of the
- 15:55 conversations focused on how will the
- 15:58 budget be figured out what's the cost
- 16:00 and revenue model probably every
- 16:02 conversation the one that started with
- 16:05 quality standards ended up with whose
- 16:07 house it how's the money going to go we
- 16:12 worked on a vision statement we thought
- 16:14 about a business case we talked about an
- 16:17 implementation plan and how it might
- 16:19 unfold we looked at other models across
- 16:23 Canada and internationally to find some
- 16:25 best practices we looked at BC campus we
- 16:28 looked at what was happening in Manitoba
- 16:31 all over Australia and England etc and
- 16:35 we had a lot of good conversations and
- 16:37 just as we were sort of thinking okay
- 16:39 what's what's the next step then the
- 16:41 Ministry came in and said here's some
- 16:44 funding and the conversations around the
- 16:47 OUO to completely stopped and we said
- 16:51 Ah-HA funding funding has its own
- 16:55 inspiration and this this new initiative
- 17:01 from the Ministry provided commitment
- 17:04 for three years and we are in the middle
- 17:06 of that three years right now so I
- 17:10 wanted to provide all this background

- 17:12 for you because the current online
- 17:14 initiative hasn't disappeared in this
- 17:17 nice empty vacuum we are trying to build
- 17:20 a consortium in a landscape populated
- 17:23 with all kinds of online things both
- 17:26 that are happening at our own
- 17:28 universities and all over the globe
- 17:30 there are MOOCs I guess there are also
- 17:32 Spock's I never heard of that until
- 17:35 today
- 17:35 I think that's the right word there
- 17:38 are private online developers and
- 17:41 providers there are online programs that
- 17:44 are being run by universities in the US
- 17:47 but delivered to students in Ontario and
- 17:50 as I noted earlier the online initiative
- 17:54 which is in some way about coming
- 17:55 together aims toward collaboration at a
- 17:59 time when universities are also being
- 18:01 pressed for differentiation so
- 18:04 universities are being asked to do a
- 18:05 couple of different things at once I
- 18:08 don't mean to say that we're unique in
- 18:10 Ontario and that our problems are really
- 18:12 special and we can't do it because it's
- 18:14 just harder for us that's not that's not
- 18:17 my intent I think that part of our
- 18:19 transformation is to get a hold of this
- 18:22 history and I think we need to think
- 18:25 about changing the way we talk about our
- 18:27 landscape highlighting different things
- 18:30 about our landscape and we're working on
- 18:32 that but I'm mindful that as I talk
- 18:34 today I'm reifying some of the things in
- 18:37 the narrative that I think we need to
- 18:39 disrupt our own history makes it sound
- 18:42 like we can't move forward that's a
- 18:45 challenge so at COU we have been
- 18:48 wondering how can universities use this
- 18:51 ministry funding and support in
- 18:53 productive ways given this context given
- 18:56 the previous investments given the
- 18:58 strengths that are already there how do
- 19:01 we move forward how can universities
- 19:03 work collaboratively in collaborative
- 19:06 practice so that we are able to make

- 19:08 gains in efficiency which we need to do
- 19:10 probably and make gains in student
- 19:13 access and maybe most importantly how do
- 19:16 we work toward excellence so that brings
- 19:20 me to the current initiative which is
- 19:22 now called Ontario Online as I noted the
- 19:29 ministry started with a three-year
- 19:31 commitment to fund an online project the
- 19:34 goals were both immediate and tangible
- 19:36 and also sort of forward-thinking
- 19:38 intangible and very ambitious and I don't
- 19:42 think I'm talking out of turn when I
- 19:43 tell you that some of the things that
- 19:45 universities think are really ambitious
- 19:47 the ministry
- 19:48 links are really simple like the
- 19:51 low-hanging fruit so there's some
- 19:52 miscommunication to be thought through
- 19:56 the ministry's goals in this initiative
- 19:59 include leveraging existing online
- 20:01 strengths and developing new
- 20:04 opportunities improving institutional
- 20:08 productivity and the efficient use of
- 20:09 resources so you're hearing some of the
- 20:11 funding issues sustainability concerns
- 20:14 coming through but then also providing
- 20:16 high quality online learning
- 20:18 opportunities for students and enhancing
- 20:21 student access and mobility across the
- 20:23 province I think universities would also
- 20:25 add to this saying that an initiative
- 20:28 like this is about using technology and
- 20:31 online tools to enhance student learning
- 20:34 that a consortium is not an end in
- 20:37 itself it's a vehicle to get somewhere
- 20:40 it's a tool to be used to improve and
- 20:44 enhance student learning opportunities
- 20:46 in doing all of this the ministry seeks
- 20:50 to enhance the national and
- 20:52 international profile of Ontario in this
- 20:55 world of online education and that's a
- 20:58 very ambitious and future-oriented goal
- 21:00 I think I think what underlies all of
- 21:04 these goals well that's not directly
- 21:05 stated but I think is existing there is
- 21:09 this fact that if we're going to move

- 21:11 forward we have to move from this sort
- 21:13 of this some collabortition as as I've
- 21:17 been calling it this uneasy state of
- 21:20 collaboration and competition together
- 21:22 moving to something more productive in
- 21:24 terms of our collaborative practice and
- 21:26 I think this is going to require a
- 21:27 cultural change of the kind that David
- 21:29 talked about with what we mean by open
- 21:31 it's a movement toward communities of
- 21:34 practice two collaborations that change
- 21:36 the way we do business not just in the
- 21:39 cost and revenue models that we use to
- 21:41 think about about courses and who takes
- 21:44 them but in the ways that we think about
- 21:46 universities and university work about
- 21:48 faculty and how faculty work is defined
- 21:52 and redefined thinking about faculty
- 21:54 incentives as well but to be totally
- 21:59 honest I don't know what it means to say
- 22:01 that we have to do business differently
- 22:03 because business has looked the same for
- 22:05 an awfully long time so I think we're
- 22:08 going to get there but I think that's
- 22:10 where the transformation also lies and
- 22:13 how we think about what we do so back to
- 22:17 this ministry funding the ministry has
- 22:20 has provided funding the first year so
- 22:24 for fiscal 2013-2014 colleges and
- 22:28 universities each got just a little bit
- 22:30 over four million dollars for the
- 22:32 purpose of developing online courses so
- 22:35 in the university side we developed
- 22:37 about 67 new or newly newly redesigned
- 22:40 online courses these were mostly
- 22:43 introductory in a variety of disciplines
- 22:45 sort of the foundational courses these
- 22:48 were chosen because the ministry wanted
- 22:50 us to work toward scalability so we have
- 22:54 introductory courses that might bring in
- 22:56 thousands and thousands of students it's
- 22:59 important to note that these courses are
- 23:01 not open they weren't designed to be
- 23:04 open and they for the for the
- 23:08 foreseeable future openness is not a
- 23:10 goal openness and the way that David

- 23:11 talked about it you must be Ontario
- 23:14 student to enroll in one of these
- 23:16 courses and it's possible that you could
- 23:20 enroll in a course and not have it
- 23:22 transfer the way that you want it to to
- 23:24 your home institution so if you're a
- 23:26 student at Ryerson and you take an
- 23:28 online course at University of Ottawa
- 23:30 you may or may not get credit for that
- 23:33 depending on the agreement between those
- 23:36 two institutions so that's pretty
- 23:40 complicated funding was also made
- 23:44 available at this time for the
- 23:45 development of the Centre of Excellence
- 23:48 which is now being called Ontario Online
- 23:51 this is sort of the consortium space
- 23:54 this is what we are thinking of as the
- 23:56 consortium this is going to provide some
- 23:59 structure a bit of organization some
- 24:02 kind of an actual center from which
- 24:03 networks can stretch so with the funding
- 24:09 from the government from 2013-14 a
- 24:11 steering committee got together
- 24:14 and they are currently working on
- 24:15 getting this whole operation staffed
- 24:19 we'll have a board of directors
- 24:21 eventually maybe next week it will be
- 24:26 incorporated fingers are crossed the
- 24:31 steering committee has included college
- 24:32 and university representatives and other
- 24:35 folks from around the sector that had an
- 24:37 interest and bringing those two sectors
- 24:40 together in productive conversations has
- 24:42 been an interesting challenge but a good
- 24:44 one and I think they're making great
- 24:45 steps for fiscal 2014-2015 the ministry
- 24:50 has set aside about the same amount of
- 24:52 money for course development again
- 24:54 college and university pots of money are
- 24:57 separate and again a little bit of money
- 24:59 for this Ontario Online centre we are
- 25:03 right now literally I think the
- 25:05 guidelines may be in my email we're
- 25:09 finalizing the guidelines for new course
- 25:11 proposals and we hope that universities
- 25:15 we are going to develop a great variety

- 25:16 of amazing plans and I'll get to those
- 25:21 proposals in another second here those
- 25:26 proposed those the guidelines come from
- 25:28 the ministry COU has developed sort of a
- 25:31 clarifying document and those two things
- 25:33 taken together will help guide
- 25:35 University proposals in the next a
- 25:37 handful of weeks the ministry has
- 25:40 developed a conceptual model which is
- 25:43 too small for you to read really what's
- 25:45 the pay I'm going to tell you all about
- 25:46 it to provide some guidance to colleges
- 25:49 and universities in this whole
- 25:50 initiative so this is sort of the center
- 25:55 of Ontario on online there are three
- 25:59 hubs of activities in this model you'll
- 26:02 see the top there's the board of
- 26:03 directors that we haven't yet figured
- 26:05 out yet and then there are these three
- 26:09 hubs of activities the course hub is
- 26:15 where course will be housed or listed
- 26:18 or advertised not quite sure yet the
- 26:23 ministry imagines that online course
- 26:25 will be transferred
- 26:26 both within sectors and across so you
- 26:30 can see there's a little circle there
- 26:31 for university courses and one for
- 26:32 college courses and there's a big giant
- 26:34 orange arrow that makes it look like the
- 26:37 transferability simple because there's a
- 26:39 big pathway not so not yet i should say
- 26:44 it's worth noting here that the ministry
- 26:47 has in mind something very particular
- 26:49 about shared courses what they mean is
- 26:53 that there will be an intro to
- 26:56 psychology course that somebody develops
- 26:58 and it's going to be amazing and
- 26:59 excellent and all the students in the
- 27:02 province of Ontario who need intro to
- 27:04 psychology will take that course so
- 27:07 little having a 5,000 students let's say
- 27:09 that's what shared course means to the
- 27:12 to the province and maybe they think
- 27:16 that'd be great for the whole slate of
- 27:20 first-year courses and maybe first and
- 27:22 second year courses things that are

- 27:23 foundational maybe general education
- 27:26 these can be offered online excellent
- 27:29 courses right and students will just
- 27:31 take all their courses online for the
- 27:34 first two years you can imagine that
- 27:38 universities find this to be really
- 27:40 confusing and that's the nicest way to
- 27:44 put it probably first of all this is
- 27:49 very concerning because universities
- 27:51 rely on their tuition revenue from
- 27:54 introductory courses which are large
- 27:56 sometimes and that tuition revenue helps
- 27:59 support other smaller courses and
- 28:01 programs so with the internal economies
- 28:06 being so complicated universities are
- 28:08 not willing to go with this model of
- 28:10 shared courses the other problem with
- 28:13 this is that the idea of bringing all
- 28:16 students all together for their intro to
- 28:19 psych courses and everything else maybe
- 28:21 in their first year this to me works
- 28:24 against the idea of differentiation in
- 28:26 really important ways you're saying
- 28:29 government government is saying
- 28:31 something like doesn't matter where you
- 28:33 go these are the courses it does matter
- 28:37 where you go
- 28:38 I think so it's hard to figure out how
- 28:44 to resolve this idea of shared courses
- 28:48 and this the differentiation framework
- 28:51 they're not completely antithetical but
- 28:55 there enough antithetical to make me
- 28:57 feel uncomfortable maybe you two
- 28:59 certainly confusing so this course hub
- 29:03 box it's the biggest one in the in the
- 29:06 in the model that the ministry has given
- 29:09 us it is certainly the one with the most
- 29:12 concerns attached to it the knowledge
- 29:15 hub is another one of the boxes and it's
- 29:18 it's going to be a space for research
- 29:20 activities so there may be lots of
- 29:23 interesting maybe of course there is
- 29:25 lots of interesting data that derives
- 29:27 from online courses maybe research about
- 29:29 pedagogy the ministry thinks and we
- 29:32 agree that it'd be great to use some

- 29:33 resources to gather information that can
- 29:35 feed back into this this new online
- 29:38 center to improve courses and student
- 29:41 experiences maybe just our understanding
- 29:43 of student pathways would be helpful and
- 29:46 then finally the support hub which would
- 29:49 gather technology supports in an online
- 29:52 environment for students maybe their
- 29:54 academic supports like basic writing
- 29:57 basic math or writing supports and this
- 30:01 is the space where they imagine that
- 30:03 this portal is going to go the portal
- 30:05 would be a resource for students so they
- 30:08 could go online find a course they want
- 30:10 to take see how it will transfer
- 30:12 register for the course right there and
- 30:14 boom there in an online course I want to
- 30:18 mention that as I was typing up my notes
- 30:20 about this I kept 'miss I'm not a good
- 30:24 typist I kept typing hug instead of hub
- 30:28 so it you know like it look the support
- 30:31 hug and via the Course hug hug seems
- 30:35 quite friendly that seems optimistic and
- 30:37 so I'm going to stick to it but but
- 30:40 these are the hubs for the ministries
- 30:42 model the interesting thing about a
- 30:46 conceptual model at least for me is that
- 30:49 once you have seen it you cannot unsee
- 30:52 it so as soon as the ministry put this
- 30:54 into their guidelines last year that
- 30:57 became it and I'm not saying this is a
- 31:00 bad thing but I am saying that it means
- 31:03 that our work has been defined may be
- 31:05 limited in specific ways but now we are
- 31:09 working toward this thing because we
- 31:11 can't unsee this model I think it's a
- 31:13 pretty good model the things are there
- 31:15 we like but it's possible that a
- 31:18 collaborative group of community members
- 31:20 might have come together and put
- 31:22 something else together as a model you
- 31:24 don't know so that's where we are right
- 31:27 now in Ontario we're just at the
- 31:29 beginning of this project we're in the
- 31:32 middle of funding for it we're trying to
- 31:35 keep the long view in mind we're trying

- 31:38 to remember that this is part of a good
- 31:40 long story we're working within
- 31:42 limitations and possibilities there are
- 31:45 constraints there are opportunities the
- 31:51 challenges to collab to practice for us
- 31:54 are many and they're easy to see some of
- 31:56 them came up earlier in the presentation
- 31:59 and we're trying to rest our weight on
- 32:04 the opportunities but you can see it's
- 32:09 evident in my slide even the constraints
- 32:12 and the challenges are there three of
- 32:14 them and just the one bullet about
- 32:15 moving forward but you've heard about
- 32:17 the challenges so I'm not going to say
- 32:19 those over again I want to talk about
- 32:20 how we're going to move forward what's
- 32:22 next for us the first thing is that I
- 32:27 want to emphasize that are moving
- 32:29 forward we think has to be as a system
- 32:32 and that means that we're not just a set
- 32:35 of universities we are a system that has
- 32:38 some kind of interdependence maybe even
- 32:41 in the way of our strategic mandate
- 32:42 agreements a little bit and that we move
- 32:44 together that collaboration in a system
- 32:47 is not just our goal it's an assumption
- 32:49 that we have as a starting point it's
- 32:52 pretty hard I know I think that
- 32:54 transformation does need to occur in
- 32:57 order for this to happen together the
- 33:00 system of cooperation or collaboration
- 33:03 so here's what we're doing
- 33:06 I'm going to highlight just a few of the
- 33:08 priorities as we go forward the the new
- 33:10 funding guidelines that we're working
- 33:12 toward now there's a number of different
- 33:14 things but a couple of them I think are
- 33:16 small steps toward getting to
- 33:18 collaboration so in the second round of
- 33:23 course finding which were right now
- 33:24 finalizing the the kinds of the
- 33:28 categories of funding are going to
- 33:29 include online courses and online
- 33:31 modules now I know that you're thinking
- 33:33 to yourself wow that's really innovative
- 33:38 you can say it sarcastically because

- 33:40 modules how they've been around a long
- 33:42 time but modules are not something that
- 33:46 we're used to not in the way that sort
- 33:50 of as an open resource right we actually
- 33:53 in thinking with the ministry about COU
- 33:56 you and thinking with the ministry about
- 33:59 what might be included in these
- 34:00 guidelines we said modules and the
- 34:03 ministry said what we said yeah we've
- 34:07 taught them something so the modules are
- 34:10 intended to as you know they're portable
- 34:13 they include academic content and for
- 34:17 our purposes they would be made
- 34:18 available to all publicly funded
- 34:20 colleges and universities for use this
- 34:25 is where we are with how open things can
- 34:28 be right now this is the extent of
- 34:30 openness for us and it's actually a
- 34:33 pretty big step in in talking with our
- 34:34 colleagues around the province about
- 34:37 this idea we have had the range of
- 34:40 opinions and feedback some people say
- 34:42 love it let's start now let's do it
- 34:45 yesterday and some people say why who
- 34:47 would use a module why would any faculty
- 34:50 member grab somebody else's module
- 34:54 so that's where we are I think though
- 34:57 that this is where some good
- 34:58 efficiencies can be found I think that
- 35:01 these are really small steps and I think
- 35:04 that we need to work on sort of bigger
- 35:06 transformations but we have to work with
- 35:11 within this context of university
- 35:16 autonomy faculty what sort academic
- 35:20 freedom there it is so we can't just
- 35:22 take a step into an open course right
- 35:25 now we need something sort of to bridge
- 35:27 our steps along the way so we're going
- 35:30 to start with modules the second round
- 35:33 of funding also includes a category of
- 35:35 online courses that we're talking about
- 35:37 as being low enrollment upper level or
- 35:40 graduate level courses the key here is
- 35:42 now we want to focus on low enrollment
- 35:43 courses because we think that this can
- 35:47 actually help with sustainability for

- 35:49 niche programs or small programs the
- 35:52 idea here is that a program in say
- 35:54 foreign language or philosophy or
- 35:56 whatever else that might enroll a
- 35:58 smaller number of students if they
- 36:02 worked if a couple of different
- 36:04 universities work together to create a
- 36:06 course build a course that each could
- 36:09 include in their curriculum as an
- 36:12 elective as a requirement that this
- 36:14 would actually broaden the list of
- 36:18 courses available to students at both of
- 36:20 those university there may be three or
- 36:22 four for twenty this means that programs
- 36:26 could include a larger suite of
- 36:28 opportunities for students and it
- 36:30 leverages the experience of faculty at a
- 36:33 couple of universities or more so
- 36:36 smaller programs could be more viable
- 36:37 sustainable because faculty time and
- 36:40 talent could be shared so now we're
- 36:42 talking about sharing differently
- 36:44 sharing faculty time and talent rather
- 36:48 than sort of sharing courses although I
- 36:51 recognize that the overlap is is there
- 36:55 this is not the kind of sharing the
- 36:57 ministry has in mind but we think it
- 37:02 makes a lot of sense I think there's a
- 37:04 lot of promise in there that could
- 37:06 transform programs in
- 37:07 important ways it's not exactly resonant
- 37:10 with differentiation goals but we think
- 37:15 it would certainly work toward the goals
- 37:16 of student access and excellence as we
- 37:21 work on these next steps there are some
- 37:24 opportunities we want to maximize first
- 37:27 we're trying to recognize and celebrate
- 37:30 the great collaborations that are
- 37:32 already happening in our system and
- 37:34 there are many just as a couple of
- 37:36 examples ONCAT which is the Ontario
- 37:39 Council On Articulation and Transfer
- 37:41 which is sort of the credit transfer
- 37:43 group they are a member organization
- 37:46 representing all of the colleges and
- 37:48 universities and they have been around

- 37:49 for about four years and they're doing
- 37:51 amazing work and helping develop
- 37:53 pathways and agreements across
- 37:55 universities for student experiences
- 37:57 student mobility student success we also
- 38:01 have a scholars portal which on the
- 38:02 University side is a consortium of
- 38:05 universities to support scholarly
- 38:07 materials made available to students in
- 38:10 the province we have an application
- 38:11 centre which is a collaborative
- 38:13 enterprise for universities colleges
- 38:16 have their own the application centre is
- 38:18 a space which applications are collected
- 38:22 and processed and then distributed to
- 38:24 the various universities so there are
- 38:25 examples now I know that these are
- 38:27 outside the academic enterprise but
- 38:30 there are examples of collaboration that
- 38:32 makes sense and that have been very
- 38:35 successful other kinds of collaborations
- 38:38 that we're thinking about one is our
- 38:42 collaborations with the Ministry we have
- 38:44 to be in good productive conversations
- 38:45 we can't always be defensive we can't
- 38:47 always be reserved or suspicious we tend
- 38:50 to approach them with great caution and
- 38:53 I think we're working toward a
- 38:55 partnership there we have been working
- 38:59 to help create collaborative
- 39:00 conversations with colleges and with
- 39:02 colleges sort of within colleges and
- 39:05 sorry not colleges colleagues university
- 39:08 colleagues between campuses and across
- 39:11 campuses we've tried to engage
- 39:14 colleagues from the sector in order to
- 39:16 get our guidelines together to figure
- 39:17 out what kind of courses to be funded
- 39:20 we know that these are experts they are
- 39:23 experienced they know an awful lot about
- 39:25 universities that we don't know so we
- 39:27 need their help and we need to make sure
- 39:29 that they're helping each other we think
- 39:32 that there are creative ways to leverage
- 39:35 resources on various campuses so for
- 39:37 example why not have somebody who's in

- 39:41 media and expert in media and technology
- 39:44 work with a campus that doesn't have as
- 39:47 many resources to develop modules or
- 39:50 online courses to make a really robust
- 39:52 and excellent online course that's the
- 39:55 kind of partnership that we haven't
- 39:56 talked about in the past I also think
- 39:59 that there are partnerships within
- 40:01 campuses that we should really work to
- 40:04 capitalize on so for example we're
- 40:08 thinking in this new round of funding
- 40:10 what if different departments on one
- 40:14 campus got together to create an online
- 40:16 statistics course lots of programs
- 40:18 require statistics I bet on many
- 40:21 university campuses there are four or
- 40:23 five or eight or ten different
- 40:24 statistics courses that are at the basic
- 40:26 level maybe there could be one maybe
- 40:29 they could have some modules that they
- 40:31 would insert specific to their
- 40:32 disciplines we think this makes a really
- 40:35 good makes good sense we also want to
- 40:40 continue our collaborative conversations
- 40:42 with colleges because they are partners
- 40:45 in this you can tell from the from the
- 40:47 conceptual framework but here to fore we've
- 40:50 been working in parallel rather than
- 40:52 trying to talk across there are some
- 40:54 excellent partnerships between
- 40:56 universities and colleges right now
- 40:57 absolutely a hundred percent but we're
- 41:00 not at the place where we're talking
- 41:02 really openly about how courses might be
- 41:06 developed in partnership and how
- 41:08 students might move in meaningful ways
- 41:10 we think that there are opportunities in
- 41:13 the knowledge hub and the support hub
- 41:16 we're going to keep working on it these
- 41:19 are really tough conversations to have
- 41:22 because of our collabortition
- 41:25 we think that there are lots of
- 41:28 different ways that efficiencies can be
- 41:30 accomplished we are going back to the
- 41:32 Ministry to talk about money that can be
- 41:35 spent over a couple of different fiscal

- 41:37 years because one problem maybe this is
- 41:40 going to sound familiar to you the
- 41:42 academic year and the fiscal year do not
- 41:45 correspond so we are in the middle of
- 41:47 fiscal year 2014 2015 and we're just
- 41:51 going to get the money enough in a
- 41:53 couple of months so let's say funding
- 41:56 for the current end of funny is going to
- 41:58 arrive well to be optimistic let's say
- 42:01 December the fiscal year is over in
- 42:04 March that's a couple of months to get
- 42:06 things done so that's a really big
- 42:11 challenge we meet some way to have
- 42:13 flexibility and how we can use funding
- 42:17 resources from the Ministry and if we
- 42:19 had that kind of flexibility we could
- 42:22 use we have multi-year projects that are
- 42:24 ambitious that can be cross-disciplinary
- 42:26 we can get learning communities together
- 42:28 working toward open textbooks your suppose
- 42:30 a much faster process than the fiscal
- 42:32 year but we're going to need some time
- 42:34 for the developments of resources for
- 42:36 all kinds of classrooms virtual and not
- 42:40 so systemic change is going to be very
- 42:44 difficult that's my theme of my talk I
- 42:48 don't think it's quite like one step
- 42:50 forward and two steps back because that
- 42:52 has a linear kind of feel to it I think
- 42:55 we're in like a very complicated waltz
- 42:57 and maybe it's going to be beautiful but
- 43:01 I do think that transformation is going
- 43:03 to come and I hope that it will and I
- 43:06 think that it will be through
- 43:07 collaborative partnerships and
- 43:08 collaborative enterprise we have learned
- 43:11 this from many of the programs that are
- 43:13 already out there some of you are
- 43:15 representing those programs today and we
- 43:17 see it in small ways with each of our
- 43:19 difficult dance steps so I thank you for
- 43:23 the opportunity to talk about this it is
- 43:24 the thing that I've been thinking about
- 43:26 endlessly the last year or so and it's
- 43:30 nice to be able to say it out loud and
- 43:33 I'm happy to take advice and any sorts

- 43:36 of questions
- 43:47 for your speech my main question is
- 43:50 about up Ernest I think the government
- 43:53 is spending all of this money I thinks
- 43:55 about 42 million dollars or something
- 43:57 like that yeah why would it would it not
- 44:02 be have it often instead of having what
- 44:05 is the benefit of having it not open
- 44:07 that's my question it's a great question
- 44:11 I'm not sure that I can talk about you
- 44:16 know that sort of the downside of
- 44:17 openness I I I think the bigger question
- 44:20 for us is whether we can convince
- 44:25 faculty that this is a good idea and I
- 44:30 can tell you that probably the answer to
- 44:32 that is we're going to have to do a lot
- 44:34 of work around that maybe in a number of
- 44:36 years the ministry I mean I agree with
- 44:39 you that if it's public money then
- 44:41 openness seems like a reasonable request
- 44:44 it's all public money these are all
- 44:47 publicly funded universities so so I'm
- 44:52 not sure that this funding is a whole
- 44:54 lot different than funding that
- 44:56 universities have received so far and
- 44:59 they haven't been asked to be open the
- 45:02 concern for us in terms of openness is
- 45:04 is really about faculty autonomy faculty
- 45:09 need to be able to make that decision
- 45:10 and they may come to it in some time but
- 45:14 but I think it will take a while to get
- 45:16 there yeah
- 45:23 it's not a very satisfying answer I know
- 45:26 thank you for the question hi Julia hi
- 45:31 I'm Patrick Lines from Carlton
- 45:32 University we've talked before indeed I
- 45:35 just have a quick question is it there's
- 45:38 a couple of things that you raised that
- 45:40 I'm wondering is it see you use
- 45:42 perspective that Ontario is not ready
- 45:46 for open educational resources in terms
- 45:49 of the Ontario Online initiative is it
- 45:52 the ministry's perspective I'm just
- 45:54 trying to get a sense of the context
- 45:55 where there might be resistance yeah I
- 45:59 don't think it's the ministry's

- 46:01 perspective I don't think the ministry
- 46:03 has a clear idea of what open really
- 46:07 means and so in that way I don't think
- 46:10 what I'm reflecting is there their
- 46:12 concern I am reflecting what COU has
- 46:16 heard from our members in terms of some
- 46:18 resistance to open educational resources
- 46:20 it is it for the folks that we have
- 46:23 talked with again we have a range of
- 46:26 responses some who say they must be open
- 46:29 they must be interoperable they should
- 46:32 be they should work across every
- 46:33 platform and that's the only thing that
- 46:35 makes sense and we have folks who say
- 46:37 under no circumstances what I ever
- 46:39 submit a proposal that would be open so
- 46:41 trying to develop consensus in there I
- 46:43 think it's really difficult the part
- 46:45 where I think that's going to that's
- 46:47 going to help us move forward is that
- 46:49 funding gets attached to it of Course
- 46:52 right and also that I think increasingly
- 46:55 we're going to see that there are ways
- 46:59 in which there are cost savings of all
- 47:01 kinds for universities but but I'm
- 47:04 sensitive to the fact that that's a long
- 47:06 time line to get to the point where
- 47:09 faculty are recognizing that these are
- 47:10 actually efficiencies and cost savings
- 47:12 that makes sense and can help keep
- 47:15 universities sustainable viable
- 47:17 excellent all the rest that make sense
- 47:19 it doesn't I think it also points the
- 47:22 challenge that COU faces in terms of
- 47:25 straddling and interesting balance
- 47:27 between the
- 47:29 you know the 20 different universities
- 47:31 in Ontario as well as what the ministry
- 47:34 is looking for right yeah I recognize
- 47:36 that and I'm always interested to see
- 47:39 how COU can advocate for institutions in
- 47:42 the ministry to get a balance for that I
- 47:45 do appreciate faster oh yeah thank you
- 47:48 so there's just it's uneven it's back to
- 47:50 the unevenness across the system yeah
- 47:52 that's Hu Brennon from Contact North yes

- 47:55 one of the things that surprises me and
- 47:57 it probably comes out in every one of
- 47:58 your size is the seeming impossibility
- 48:03 for creative destruction the contrast
- 48:07 with what we heard from example from BC
- 48:09 Campus this morning is that it seems to
- 48:12 be to create some open open space you do
- 48:15 have to go to crave to destruction if
- 48:18 you're trying to work within all the
- 48:20 confines of departments of ministries of
- 48:23 faculty of institutional interests at
- 48:27 some point you just get all you can do
- 48:29 is sigh and say yeah okay but I'm
- 48:32 curious to know with even within a
- 48:34 context of the Council of Ontario
- 48:38 Universities because you're trying to to
- 48:40 keep a system approach how can you
- 48:45 imagine that the needed creative
- 48:47 destruction to move the system forward
- 48:49 in a context of a system that is so
- 48:52 hidebound yeah mm-hmm that's my answer
- 48:56 hahaha I don't know it's a writ so it's
- 49:02 a major concern yeah for sure I
- 49:05 appreciate the it's a question but it's
- 49:06 really a comment right one that we
- 49:09 certainly have been thinking about yeah
- 49:14 very interesting to see how all of these
- 49:16 is layered and to recognize that you
- 49:20 know it's a flashback of two decades for
- 49:23 a lot of these
- 49:24 issue I'm curious about something you
- 49:28 know those programs always have embedded
- 49:30 in them a little bit of social
- 49:31 engineering and that they their criteria
- 49:34 will transform how universities
- 49:36 organizations in this case university
- 49:38 works one of the criteria was for
- 49:42 selecting the courses that would be
- 49:44 funded was about sharing of credits and
- 49:47 universities were very very good at
- 49:50 responding to criterias you know for
- 49:53 that says jump and we say oh hi and we
- 49:56 try to jump higher than everybody else
- 49:58 to be the selected one and at the same
- 50:00 time we're very good at evolving with
- 50:04 the criteria I'm curious to see your

- 50:08 perspective on how this transfer of
- 50:11 credit will evolve you know already you
- 50:14 mentioned York and Ryerson recognizing
- 50:16 40 courses there's another consortium
- 50:18 that five universities that have signed
- 50:20 before even the call do you see that
- 50:24 this call is moving universities towards
- 50:27 more credit transfer or is the inertia
- 50:30 of losing enrollment and high enrollment
- 50:33 courses meaning high loss of revenue is
- 50:37 it an inertia that's too big yes mm-hmm
- 50:44 I think that the threat of losing high
- 50:48 enrollment courses or having students
- 50:50 leave high enrollment courses at your
- 50:52 institution for somewhere else I think
- 50:53 it's very real and it's a really big
- 50:55 concern and that may be the thing that
- 50:56 keeps university is from accepting
- 50:58 transfer credit arrangements down the
- 51:02 road I think that that there's already
- 51:05 momentum around credit transfer because
- 51:07 of on cats work and I think that will
- 51:09 continue and will evolve but I do think
- 51:12 that one of the most not even one of the
- 51:14 most the most important thing that this
- 51:16 new center has to do is figure out the
- 51:19 variety of cost and revenue sharing
- 51:21 models available it won't be one I don't
- 51:23 think I don't think we'll be able to say
- 51:25 well here's how we have money in our
- 51:28 in our consortium this this is the
- 51:30 arrangement that you have I think we're
- 51:31 going to have a variety of different
- 51:33 models that universities are going to
- 51:35 choose from in their own negotiations
- 51:39 with with partners in order to make that
- 51:41 possible to make it financially possible
- 51:44 so I don't yeah it's going to be hard
- 51:49 thank you
- 51:56 wondering Julia if there was any
- 51:59 consideration for this entity being
- 52:02 something other than say a legal entity
- 52:06 just step back to my role at BC Campus
- 52:09 that organization was configured to be
- 52:12 agile so it was configured as a research
- 52:15 project of a university rather than an

- 52:18 entity and that way it was able to push
- 52:21 some boundaries including such policy
- 52:24 initiatives as well here is a funding
- 52:27 program for the development of open
- 52:29 resources if you don't want to do it you
- 52:32 don't have to apply for it but that's
- 52:34 the condition of the funding program and
- 52:37 so I wondered if any of those ideas have
- 52:40 been kicked around and what kind of
- 52:42 response there was well we didn't have
- 52:44 that idea until I talk to you a few
- 52:46 weeks ago and then I went ah what a good
- 52:49 idea um you know again the idea of this
- 52:54 sort of incorporation the member
- 52:56 organization came on the heels of real
- 52:59 success with ONCAT and seeing how that
- 53:01 that group has worked has provided good
- 53:04 motivation and foundation for another
- 53:06 member organization I agree that there's
- 53:09 there are going to be some flexibility
- 53:11 and agility problems certainly and of
- 53:13 course we have this conceptual framework
- 53:15 that's laid over top of it that's sort
- 53:16 of telling us how to be but we really we
- 53:21 didn't come across this as an idea
- 53:24 frankly yeah and I think it addresses
- 53:26 one of the fundamental problems you
- 53:28 raised as well and that is being
- 53:30 configured as a research project means
- 53:32 that funding can be disbursed over
- 53:34 multiple years as opposed to with a
- 53:36 fiscal framework which allows the kind
- 53:39 of flexibility there faculty and staff
- 53:42 me so I just want to throw it out in
- 53:45 case it's not too late yeah i think the
- 53:47 paperwork for incorporation was
- 53:49 submitted yesterday
- 53:56 many thanks