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BEGIN TRANSCRIPTION

[00:00 - 01:51] Moderator: So at the beginning we were talking about that this is a starting point for ongoing discussions and activities for working on cyber infrastructure. So I want you to think about what those activities might be to keep the momentum going. That was started here. But while you're thinking about that, I'm going to ask you a few questions. So basically there's three different groups that are represented here. You've got the, the librarians. You've got the IT folks. You've got the research faculty. So out of the librarians, how many of you met somebody from the other groups today? Somebody that you didn't know before. And how many of you have action items that you're going to follow up with some of those? Okay it's a start. Okay for the IT folks. Same question. So how many of you met a librarian or researcher today that you didn't know before? Not quite so many. And how many of you have follow up actions with them? Not many. Okay. The research faculty, how many of you met somebody from the other two groups that you didn't know before? Okay. And how many of you have action items that you're going to follow up with them? So there weren't nearly as many faculty involved here, but it looks like a lot of them had, had follow up stuff, so that's that's a good thing. So another question for you and we get some answers from from you is who wasn't here today that should have been? Tom wants to answer.

[01:55 - 01:55] Tom: Faculty.

[01:59 - 02:12] Moderator: Okay. So-, yeah. It would have been nice to have, have more faculty here. So how can you get faculty involved in these kind of activities? And it might be actually the faculty that are here that might give the best answers.

[02:16 - 02:27] Speaker 1: My experience with faculty is they won't come unless you pay them. Unless you [laughs]-, I don't mean pay them, I mean funds-

[02:28 - 02:29] Moderator: There has to be reward.

[02:29 - 02:49] Speaker 1: Yeah. But I also mean it's like, you know, I mean, most of the faculty that I'm familiar with when they go to a conference, it's funded through their grants, and that's the reason they go. And if it's not funded, a lot of them don't go. So I think that the only way to get faculty to come is through stipends or something.

[02:49 - 02:58] Moderator: Yeah, actually, that's a common theme that I've seen is that, you know, faculty are so busy going to their own discipline meetings that going to something that's outside their discipline is hard for them.

[02:59 - 03:42] Speaker 2: Yeah. That's just what I was going to say. So you have to make it clear. I mean, and it's not just this. If you want to just motivate a faculty to get out of their office at all, you got to make it, show them how it's going to benefit them, you know, what are they going to get out of it? That'll help them for whatever value system they're trying to work with within the university, you know, and you got to show them how. Well, gee, if you come to this meeting, we're going to show you how to improve your, your the citations for your papers and get your citation index up there. Something like that really-, you motivate them within their value system, I guess.

[03:44 - 03:56] Moderator: Other ideas on how to get faculty involved? [laughs]. So there's certainly something to think about. Okay. So-, we'll, go ahead.

[03:57 - 04:09] Speaker 3: Oh, I was just going to say the name Cyber Infrastructure Days would just, I don't think that means a lot to many faculty or even to many librarians, to be perfectly honest. Maybe a different name.

[04:10 - 04:19] Moderator: Do you have a suggestion? No. [laughs]. Yeah. Behind you there, Jeff.

[04:19 - 04:20] Speaker 4: I'm sorry.

[04:21 - 04:42] Speaker 5: I wonder if a like a librarians can go to their department meeting and talk to them in person and invite them so we can actually explain to them what this conference is about and invite them just to get words out instead of just send the email. Nobody's going to read the email if it's not directly related to them.

[04:43 - 05:33] Moderator: Yeah. One thing we did at UC Davis was-, essentially was a research outreach person that represented it. And it's actually me for a while that we'd go out to a researcher and try to understand what their research was and work with them on how technology might help them do what they're doing better. So the focus is on what they're doing instead of on the technology. So, you know, that might be one way to, to address it. Now, that doesn't scale real well, but it's a starting point. Okay. So as I mentioned, you know, we-, we're supposed to-, this is our starting point. We've got some momentum going. What kind of activities would you like to see happen that would keep this going, to keep the-, key progress going in cyber infrastructure?

[05:43 - 05:57] Speaker 6: Well, it's somewhat related to our discussion about how to get faculty involved. We could as an activity survey what their needs are, what their PSI needs are, ask them for what they would like to see as a way to maybe get them to participate in a discussion.

[06:02 - 06:11] Moderator: Yeah. In some sense it might be better to, to make it more general and say, you know, what kind of technology would you like? In general in-,

[06:13 - 06:23] Speaker 7: And actually in conjunction with that, to show them the benefits, actually explain what it is all about and how it could enhance their, their work production and the workflow process.

[06:32 - 07:15] Speaker 8: I think technology is always irrelevant if it is not actually involved in a person's daily work or personal life. So I think this thing has been talked about. So we need to introduce the idea to the faculty members. However, it really takes time for them to actually use, use it and then become familiar with it, get used to it and then see what happens. So I don't know how far this separate infrastructure is already in faculties work life. So I guess we probably have to go through that initial stage. Maybe we already passed the initial stage, I don't know, but I'm just saying like it has to be relevant before it can actually make a impact. So-, anyways.

[07:24 - 08:20] Speaker 9: I keep thinking about towns going through the licenses and, and wondering if there's some sort of marketing campaign for a CI day event that said, do you know what you've already lost? Do you know what's already gone? Do you know what you already gave up? I'm not saying like fear, but a little bit of fear. But something that benefits them to say, don't, don't let this happen again. Take control or take, you know, take your data or free data now, but [laughs] keep your data and there's some things that could make it. Okay, powdery said diarrhea. So I'll say sexy. There are some things that could make it sexy. Um, to the faculty, because I agree with Meg or Amy. Meg said cyber infrastructure is not something it's like when we talk about metadata. Faculty don't really care about their metadata. They don't think of it as metadata.

[08:20 - 08:22] Moderator: They don't see how it helps them to meet their goals.

[08:22 - 08:35] Speaker 9: They don't see how it helps them. But I think if you positioned it in what you could gain and what you may prevent more loss, and they do value their, their scholarship. I mean that's that's really important to them. So-,

[08:35 - 08:48] Moderator: So you're saying give them some examples, you know, of what, what could be lost or maybe on the other side what could be done. And so that they get some ideas on, on how it can be used and how it can actually help them.

[08:51 - 09:18] Pat: So one of the ways I think we're going to get faculty engaged, they will engage themselves is this NSF mandate that's looming. And, you know, that's a stick kind of a mandate, right? And so how many of you are going to have activities at your institutions where you'll have libraries working with faculty and workshops to help them write better data curation? You know, two pages into their proposals?

[09:23 - 09:24] Moderator: I don't see a lot of hands. [laughs].

[09:25 - 09:28] Pat: Yes. Send them automatic. [laughs].

[09:32 - 09:38] Moderator: Yeah. What I'm afraid is that someone will come up with a description-, two page description, and everyone will just copy that.

[09:38 - 09:40] Pat: Plagiarism, right? [laughs].

[09:41 - 09:44] Moderator: You'll see the same thing in [crosstalk] every single grant proposal that comes from it.

[09:46 - 09:58] Pat: How many of you are afraid that the faculty are going to promise we're going to keep all their stuff and curate it, and we don't have the infrastructure or the people or the framework, just as John Wilbanks talked about to do all that?

[10:03 - 10:03] Moderator: Immortal.

[10:04 - 10:06] Pat: Yeah. Mortally afraid, huh? Right.

[10:06 - 10:26] Speaker 10: Well, we also don't know that they aren't already saying that. I mean, that could be going on in grant proposals. It could have been going up for years in grant proposals.

We could have a department that's been saying, "Oh, you know, when the time comes, the library will take it, you know, when this project winds down." And-, I mean, it's quite plausibly happened on our campus.

[10:30 - 12:01] Moderator: Yeah. There are some disciplines that are, are actively thinking about that as a discipline, you know, so you know, genome and some of these others are obvious ones. Neon is starting to, to gear up for the environmental data and such. So I think the disciplines are starting to think about a little bit more as well. Well, one thing that came out of our SIDs that we held at UC Davis was that the we had it in the spring. And then the following fall, the Chancellor's fall conference was based on CI. And so that got an opportunity for those that were active to show what they were doing. And one of the things that happened out of that was when you had one researcher seeing what another researcher was doing, even though they were in a different discipline, they said, "Oh, that's got some ideas where I could borrow that, that kind of technology." And so those kind of conversations, uh, where you have faculty that are talking to each other that don't normally talk to each other, they can share ideas and, and experiences and that tends to help. So other things that you'd like to see as follow ups out of this? Any kind of regular activities you know, regular seminars, regular meetings of particular groups. Any thoughts along those lines? I think everyone's tired.

[12:05 - 12:10] Pat: We got-, there are two. [laughs]. I'm going to get there first, though. [laughs] Well [unintelligible]

[12:12 - 12:00] Speaker 11: One thing was the possibility of a showcase of what's been done by people in this room on the different types of things, a place for us to maybe go and see what someone else is doing, place to share. What's happened in this conference? I mean, I've heard about some things that are going on, but I know that on all the other discussion groups, there were other things that I would be interested in. It'd be nice to be able to. And I don't know if anyone ever told some of the things we're doing at our library. So I was wondering if there was some place we could put these things and share that piece of information and add it as we come up with new things for discussion. A discussion board or something.

[12:00 - 13:04] Moderator: So are you thinking on kind of an online place or a physical place?

[13:04 - 13:36] Speaker 11: Well, I'm thinking online until we can have a physical meeting again, but I think that physical meetings are, you know, they've got to be more like six months on a year apart, as opposed to-, I could look at this site every once in a while at my schedule and find out what's going on in other places as the success happens. Say, for example, someone gets an initiative past. We, we know about it right away [laughs].

[13:41 - 13:43] Moderator: Yeah. Pat was seeing the IT website.

[13:44 - 13:44] Jeff: The CI data.

[13:44 - 13:46] Moderator: A CI website. Yeah.

[13:48 - 14:17] Jeff: So I mean, again, one thing that we're going to do from the filming from today and the other things generated, is put them all together into our institutional repository as a collection, and we have everybody's email who was here today. So we'll be sending that information out to everybody who's here today so that, you know, make certain that it's stable and also figure out other ways to, to further spread the awareness about what there is, but how we create conversation moving forward. That's another good question.

[14:18 - 14:46] Speaker 11: I was, you know, when you asked a question about had you talked to since I more from the library world, have you talked to the people in the IT world? I actually didn't and regret it. And somehow more opportunities to do that and maybe looking at what are the obstacles, why isn't that just a matter of course? Which maybe by naming whatever the barriers might be, my opens things up.

[14:46 - 14:46] Moderator: Right.

[14:51 - 14:52] Pat: [unintelligible]. Oh, sorry.

[14:54 - 15:25] Speaker 12: I'm sorry. The woman from the library in Denver. I forgot your name from this morning. I'm a little brain dead at this point, but-, one thing that's been really helpful in terms of professional development for me our cross site visits. And with so many people coming from this region that might be possible to have kind of a field trip to see hands on what you're doing and discuss different approaches.

[15:33 - 15:38] Moderator: So, Garrett, I know you had some, some other questions. Do you want to pose the question.

[15:39 - 16:27] GARRETT: Like really high level? So what I'm hearing is there's a language barrier or a communication barrier between libraries and IT staff. And we've heard this at other PSI days as well. You know, at least the UC Davis one that I attended with Russ, it seemed like many of the faculty didn't realize, "Oh, who's this CIO guy, Pete Segal? And should we get to know him?" So, I mean, a lot of it is, you see, in this room is based on relationships. So the question is, how can we ask the broader association's edu cause internet to know ALA, ARL, facilitate or help you build these

necessary relationships with your IT teams? So that's the question I have for you. What, you know, you mentioned obstacles and barriers, but, you know, I'm thinking a lot of it is just communication. And it's often you speak to different languages. How can we bridge that gap?

[16:37 - 16:45] Pat: Hey, listen, that end on a cap. [laughs]. I stand on a bridge. Ah.

[16:47 - 17:00] Speaker 13: Well, I agree that that the language of that infrastructure and cyber infrastructure is-, it's a hard one to get people to understand what it is. Um, we're all geeks in our own way. I happen to think infrastructure is a really interesting concept. And one of the things that always spurred my thinking about that was from the original NSF report, where there's a comment that points out that infrastructure is one of the most complex and expensive and intricate and complex things that any society makes. Takes a lot of money. It takes a lot of time. It's it's big and we never notice it until it doesn't work. And then are we upset? And I think it's how do we, how do we find a way to keep some focus on the fact that, yeah, it's not, it's not the glamorous thing, but it's exceptionally important. John's, you know, concept of, of the, the, the little applet, the tool that you can use to make certain that, you know, when is the boss coming to you or when is the train coming to you? I mean, all of those things about coordinating systems, I mean, that's huge work. And again, it's largely invisible until it doesn't work. And then we all know.

[18:01 - 18:03] Speaker 13: How to break intentionally [inaudible].

[18:05 - 18:08] Pat: Make them appreciate us all a little more, right? [laughs].

[18:15 - 18:21] Speaker 11: So Jeff and Pat, have you got thoughts on what kind of follow up activities should, should happen from after this?

[18:26 - 19:05] Pat: One thing that I don't think I've got my arms around is getting to the situation that Greg described earlier. We've got digital repositories, we've got metadata. We don't have anywhere near that kind of level of infrastructure. That level of flexibility in our infrastructure. That level of ability to, you know, retool databases and things like that. There's a huge gap. I'm coming through the gap again. I'm sorry. But I think, you know, starting the discussion at the alliance level and with the IT people about that, is going to be critically important.

[19:05 - 19:07] Moderator: So what would be the first step for that?

[19:08 - 19:08] Pat: Good.

[19:09 - 19:10] Speaker 14: Say [unintelligible]

[19:10 - 19:12] Speaker 15: We already have a lunch date.

[19:12 - 19:12] Pat: Excellent.

[19:12 - 19:13] Moderator: There we go.

[19:17 - 20:15] Jeff: I don't know that I have any specific ideas. We just got to keep figuring out how do we get out there, how do we bring people in? How do we continually look for those connections? Luckily here at CSU, we've got some great models for that. We have is tech. We have our tilt, I think is another venue that we can be looking at, which is our Institute for Learning and Teaching. We have exceptionally strong connections already out to our academic units and into the research sector and into the teaching sector at this university. With central IT, we have the IT and the colleges and some of that may-, we need to figure out how to keep those connections alive and, and just keep raising the questions. But we need to keep what the institution is trying to do at the center of it. That's probably the one thing that I think we need to continually try to stay focused on and think about everything that we do in that framework, through that lens. As opposed to something else. Get in.

[20:20 - 21:14] Speaker 16: I was just going to say the tied together number of points with AJ talking, H.J. talking about the language difference with faculty and some of the things that we can accomplish. Perhaps, you know, here amongst ourselves, we tend to be preaching to the choir. You know, we understand it. Perhaps there's some simple messaging and simple things that we can put to the people who are doing the actual work. So what kind of formats are acceptable, have longevity, those sorts of things. There's a great-, I know our library has a great web page on it. It's kind of buried though. And if I asked many of my researchers and faculty, they don't know why PDF is particularly better than anything else. So maybe come down with some, you know, practical things that the researchers themselves can start using. And then we've got kind of both directions. And that way we can bridge this gap.

[21:16 - 21:35] Moderator: So communication ends up being a big issue. And, you know, so online stuff can help out with that. As I mentioned, the CIO days website is going to continue and evolve over time. So are there other means of communication that would be, be useful?

[21:42 - 21:53] Speaker 2: Actually, at least at CSU doesn't-, I guess Pat that is a question for you. Does each college or even each department have a library representative in theory on the faculty?

[21:57 - 22:05] Pat: We have our limited number of extremely good, diligent, excellent library liaison spread across the whole institution. Yeah.

[22:06 - 22:08] Speaker 2: Is it done for department or for college?

[22:09 - 22:10] Pat: It's a hybrid.

[22:12 - 22:39] Speaker 2: So I mean that, that might help if we, if we, if we somehow did have built into the administrative infrastructure that just like in each department, I'm, you know, there's various committee assignments that, that one has. And if one of the committee assignments that's mandated from the top down is a representative to the libraries, and then you had occasional meetings, those faculty could bring it back to the rest of the faculty in their department.

[22:40 - 22:42] Pat: Send forth the evangelists.

[22:42 - 23:08] Jeff: Well, and so the other part is from the faculty governance. We have the Committee on Libraries, which actually is a representative on the, the academic side, who come and sit on a committee that, that examines and looks at library issues from the faculty governance perspective. And we've been talking and Pat's been working very, very strongly at engaging them in as much of this kind of thinking as possible.

[23:11 - 23:17] Moderator: So if someone comes up with an idea tomorrow or the next day, next month, where do they go with those ideas?

[23:17 - 23:18] Pat: Jeff.

[23:20 - 23:20] Jeff: Okay.

[23:20 - 23:49] Pat: To Jeff. [laughs]. I know you have a list of attendees, I think. You know, send it to either myself or Jeff, and we'll make sure we do something with it. What's the old saying? Move in any direction as long as it's somewhat positive. And, you know, we're going to have continuing discussions at the alliance level, for sure. And with the CIOs in Colorado for sure to.

[23:52 - 23:55] Moderator: Anything else Russ you want to bring up?

[23:55 - 23:56] RUSS: Nope.

[23:58 - 24:23] Jeff: Okay. So it's been, it's been a really long day. It's been a very good day. In your packets, there's an evaluation form. We do, in fact, have to write a report about this event and submit it back up to the NSF. So we need to hear from you so that we can do that work. And so if you would please just make certain to take a moment to fill that out, it will be very helpful. We'll again summarize those results and put them somewhere so people can see that.

[24:24 - 24:29] Pat: And obviously there are going to be next steps and that will help us plan the next one of these.

[24:30 - 24:51] Jeff: Yes. We also promised you ice cream at the end of the day. So we do have that. It's over here in this green cart if you want to. We've still got other beverages. If you have the time and want to stay in, chat with other people or explore something further with somebody that you met during the day, that's great. If you just need to grab something and hit the road. That's why we got them this way.

[24:51 - 25:36] Pat: But while you're filling out your evaluation forms, I have one last pleasurable duty to fulfill. I'd like to thank Internet two and our program manager, Russ, for funding this activity. And I'd like to thank the steering committee for putting it together. The alliance was a co-sponsor. Is tech was a co-sponsor. Thank you both. Thank you for the team that put this together. In particular, thank you to Jeff [unconfirmed name] and Jeff could you join me up at the front here please? We have a plaque presented to Professor Jeffrey Billington in appreciation for your coordination of CIA cyber infrastructure in the Rockies, or human centered approach on behalf of the Colorado Alliance and is tech. August 13th, 2010. Please give Jeff a hand for everything he's done for us today. [applause].

END TRANSCRIPTION