**May 8, 2018 Meeting - Seattle Community Technology Advisory Board**

Topics covered included: Cybersecurity and Privacy Committee on the Surveillance Ordinance; Digital Equity roundup; CTAB communications audit discussion.

**This meeting was held:** May 8, 2018; 6:00-8:00 p.m., Seattle Municipal Tower, 700 Fifth Avenue, Suite 2750

Podcasts available at: <http://www.seattle.gov/Documents/Departments/CTTAB/podcast/cttab.xml>

**Attending:**

**Board Members:** Heather Lewis, Torgie Madison, John Krull, Mark De Loura via Skype; Steven Maheshwary via Skype; John Krull, Eliab Sisay via Skype, Karia Wong

**Public:** Adam Owen (Century Link) via Skype, Dorene Cornwell via Skype, Charlotte Lunday, Shankar Narayan (ACLU), Joi Huie, Tyrone Grandison, Sean McLelland, Shelley Andrews, Pedro Perez, Joe Woolley, Michael Constantine, Luis Barrera, Roudy Ablad, Harte Daniels, Kat Barr, Asia Adam, Najma Shante, Fatima Adam, Bob Akers via Skype

**Staff:** Tracye Cantrell (Acting Director of IT), Jim Loter, David Keyes, Seferiana Day, Alice Lawson, Cass Magnuski

**33 In Attendance**

**Heather Lewis:  I think we should get started for the night. Starting in the far corner, typically, what we do is introduce ourselves by giving our first name and then our neighborhood.**

**INTRODUCTIONS**

**Heather Lewis:** The first item on the agenda for tonight is voting to approve the May agenda. Do I have a motion to approve the May agenda?

**Steven Maheshwary:** I so move.

**Torgie Madison:** Second.

**Heather Lewis:** Terrific. Everyone is favor, please say 'aye.' Any opposed? Okay. The agenda passes. Next on the agenda is the move to approve the April minutes. Can I get a motion?

**Mark DeLoura:** I so move.

**Karia Wong:**  Second.

**Heather Lewis:** All in favor, please say 'aye.' All opposed? Okay. We have approved the April minutes. The next item on the list is the Cyber Security and Privacy Committee. We have a guest today, who we'll let Torgie introduce, here to discuss the Surveillance Ordinance. Torgie, do you want to give us some background?

**CYBER SECURITY AND PRIVACY COMMITTEE**

**Torgie Madison:**  Yes. I've been involved with the Surveillance Ordinance since the Chief of Privacy Ginger Armbruster organized a working group to figure out what sort of direction we're going to go with community engagement. And that work group had its last meeting, I believe, at the end of 2017. And we've been waiting to see how that formulated into something tangible since. There was a plan going forward and then, in late March of 2018, Councilmember O'Brien introduced an amendment to the Surveillance Ordinance. The committee was the Equity, Education and Technology Committee. Bruce Harrell decided to review it and take it under consideration, and investigate it. That's where we're at now. So, we actually have Shankar Narayan with us, and he can give us a little bit of background about the ACLU's involvement with this. He's the ACLU of Washington's Technology and Liberty Project Director. And take it away.

**Shankar Narayan:**  Thank you. I want to extend my appreciation to Torgie and Heather for allowing me to speak to the group for a few minutes today. I am the ACLU of Washington's Technology and Liberty Project Director, which basically means I look at every aspect of advancing technology that impact civil liberties. And, as you can imagine, that's quite a lot nowadays. It overlaps every sector. There is no area of civil liberties that is not impacted by advancing technology. One of the things that I think is probably unique in this work, when I took on this role a couple of years ago that I think is now a growing movement is centering community voices in this discussion even before the technology gets deployed about what values do we want to deploy the technology with. Having a community-centric conversation around what those values are. Unfortunately, all too often, we are right now in a space where the technology is driving the discussion, rather than the people driving the discussion. From my perspective, it's been really important to try to flip that and take a community-centric approach that starts with asking the communities the question, 'What's the problem we need to solve?' And then, driving technology towards that end, rather than the technology being deployed without that critical question being asked. More importantly, without those critical voices in the community being engaged.

Our work on the Surveillance Ordinance has been a part of that work. We were the chief drivers behind the original passage of the first version of this ordinance, which happened in 2014. And for several years thereafter, the ordinance didn't get used at all. It was largely ignored by agencies. the process was actually never used. It's not that surprising, in part, because the ordinance didn't have any teeth, the definitions in the ordinance weren't particularly sharp, and there were a lot of loopholes. Like, for example, an emergency circumstances loophole that allowed agencies to basically argue that it didn't apply to their technology. So, we wanted to change that. We came back to Council with a revised version that passed in the middle of last year. as Torgie mentioned. When it passed, it was actually the strongest one in the country with a very community -centric approach to this work, which required review not only of future technologies acquired by the City, but also a retroactive review of what has now been found to be 28 different technologies already acquired by the City, 19 of which were acquired by Seattle Police Department, that will now be required to be reviewed under the ordinance.

One of the things that happened during that process was that we brought a community coalition to Council, who were very consistent in their support. They sent multiple letters. A number of folks came to testify. And they have been very interested in staying engaged with the process of approval of these technologies. If there is one message that I am here to convey, it's that, in my view, CTAB's interest of lifting community perspectives and voices in support of fair, accountable, and transparent deployment of technologies is really the ACLU's perspective, as well. I think we have alignment of purpose, and my hope is that, as the ordinance gets rolled out, that we will be able to work together in the community coalition that exists on this work, and CTAB can find ways to present a united front around these technologies. I also want to mention that I think it's likely that the ordinance will come under attack . I've certainly heard about discussions in which the potential for rolling back the ordinance has come up. And I think that would be very unfortunate. In fact, Oakland just passed an even stronger ordinance, in some ways, than ours. One of the things that Oakland has that we don't is they actually require the Council find that the benefits of a given technology outweigh the costs, including not just dollars, but impact on communities. Chilling of free speech. Chilling of willingness to engage in protest, that kind of thing. my hope is that, together with our community coalition, we can actually find ways to strengthen the ordinance, and not roll it back.

I don't know if you all have seen the letter that was sent by the 20 community-based organizations in March to the Council. If you take a look at the list of these 20 organizations that signed that letter, you will see that they are largely groups that are concerned with equity in the brick and mortar world. They are not necessarily groups that have a special expertise in technology. In that way, they are different from you all. You are largely folks with an expertise in technology, but not necessarily focused exclusively on equity in your work. These are groups that come at it from that reverse perspective. These are groups that I think are really interested in advocating in this space, we've been doing what we call Surveillance Round Tables with this group. So I think that's something for CTAB to be aware of, where we sit folks down by sector. so, immigrant rights organizations, gender equity and reproductive freedom organizations, labor organizations. We have these in-depth conversations about how technological advancements are impacting their particular sectors, and the kinds of safeguards and protections they would like to see, both in statute but also in the private sector to be able to advance. One things that's happening, to take just one example, is that we have been talking to Microsoft with one of these groups, around facial recognition technology. We have an upcoming meeting with Eric Horvitz, the head of Microsoft research, who is also the head of Microsoft's efforts on ethical AI, to get those community perspectives in front of that decision maker, a very powerful decision make in this large corporation. So this isn't really entirely about legislatures. It's also about advocacy in other spaces.

Just to take a quick step back in time, just to add a little to what Torgie said about the process, one of the things that came out of the ordinance that had originally been contemplated was this idea of a standing community group that could advice the Council, specifically around the equity impacts of technologies. There was a lot of legislative hustle and bustle and shuffle. I won't go into the blow by blow, but the result of that was that that group did not make it to the final signed ordinance, and instead the work group that Torgie mentioned was created. We would have preferred to see a more inclusive process with that work group, that included more community voices. As it turns out, Torgie and one privacy attorney were the only community voices on that task force. It's great that there were a lot of City agency perspectives included. I think that's appreciated. That's important, but certainly not a substitute for community voices that had, in fact, already been advocating around the ordinance, and should really have been a part of that process.  Long story short, that work group came up with a report that recommended not having a standing community group. Since that time, the community coalition has once again asked for a standing community group, at the very least for the process of retroactively reviewing the 28 technologies that supposedly have already started coming up in front of the City Council. the deadline was actually first quarter of this year, and it's contemplated that there needs to be a revision to the ordinance via legislative action that the Council could actually bring the City into compliance with the ordinance. We see that as an opportunity, once again, to reopen the conversation about the standing community group. I want to emphasize that a group that includes this community perspective is really something that I see right now, side by side with CTAB. There are groups with different expertise. If you look at the list of names--I can read some of them off: ACRS, API Triad, Church Council of Greater Seattle, El Centro, Entre Hermanos, Faith Action network--a lot of groups that have this equity focus that I think is really different from what CTAB currently does, and both of those perspectives are important. so, I want to emphasize that this was not intend to supplant any expertise that CTAB brings to the table in this process. And my hope is that both of those sets of perspectives will be included in some formal way in whatever information the Council takes in when it writes the rules around these 28 important technologies.

So, I think I'll stop there, and ask if anybody has questions about where we are, and once again extend the invitation for CTAB, ACLU, and this coalition to be able to work together to get a strong and hopefully model process for the rest of the country as we embark on this adventure of reviewing these 28 technologies.

**Heather Lewis:** Any questions?

**Harte Daniels:**  I missed the CTAB meeting where it was talked about removal of the cameras. And I was wondering if your group is involved in that. There were two points to the technology that was on the top of the poles. One was the camera, and the other was mesh..the findings from Hurricane Sandy with the Lifeline mesh network. Can you tell me if they just took down the cameras and the mesh, or, number one, were you involved with that? What was the outcome and how did you see that work? In your opinion, how did that go?

**Shankar Narayan:**  Those are good questions. Prior to the departure of the former CTO, Michael Mattmiller, he and I and Ginger Armbruster's predecessor used to have a monthly meeting to talk about everything that was on the docket in terms of civil liberties with the City. The mesh network came up in that, and we had a lot of push back to go with that. That really predated actually the creation of our community coalition. So it's not something that the broader community was pushing, but we have been asking questions about the mesh network for years. And the cameras, as well, in fact is an even older issue, where we pushed back I want to say, in 2014, and that's actually when -- and anyone from the City can correct me if I'm wrong -- but I believe we actually theoretically succeeded back then. We got a message back that the cameras were going to be taken down, and I think it just took a really long time for them to actually be deactivated. Am I right about that?

**Jim Loter:** the origin story is right. I think the cameras and the mesh network really gave rise to the first Surveillance Ordinance. There's a linkage there. the cameras in the network were deactivated shortly after that. They were turned off by Council. but the equipment remained up on the poles. They weren't on or active all this time. And to answer your question, everything was taken down. And the networking piece was obsolete by the time the action was taken, so there was no value in actually trying to salvage that equipment, even to repurpose it elsewhere. They were just ordinary wireless access points. We thought about deploying them elsewhere in a less controversial manner, but the technology was obsolete.

**Shankar Narayan:**  We had checked that off a long time ago, so we were actually surprised to see reports more recently that they were being taken down.

**Heather Lewis:** We have about three minutes left for questions. I want to make sure we can get through as many as possible. Do others have questions?

**Torgie Madison:** Do either of you, Shankar or Jim, know roughly when the amendment will get talked about or decided upon?

**Shankar Narayan:**  It's Mike O'Brien's amendment. It's in President Harrell's committee, Government Technology Committee. I know that the Mayor has taken a significant interest in the contours of the amendment.  I had occasion to meet with the Mayor last week, and we talked about this a little. I understand that she is still determining where she wants to go. Once again, to reiterate the message, my hope would be that during this time that the Mayor is considering this, if it's CTAB's view that the ordinance is an important mechanism, this group may want to express that. I don't have an exact timeline. I know that things can get pretty compressed as we get into summer. And my hope has been for a while, as I know Mike O'Brien's has been, that this get done sooner rather than later.  It's certainly what we're pushing for. Our community coalition is also engaged in trying to make that happen. One of the things, Torgie and Heather, that I want to emphasize as well is that I'm really glad that we have started exchanging information more, and my hope is that that information exchange will continue. Because I think, as I said, our purposes are aligned. There is going to be a process here, and if we can find common ground where we can. And in particular, support strengthening the ordinance and lift the voices of the community members. I would love to see that.

**Karia Wong:** I'm just wondering if there is any plan to engage immigrant communities?

**Shankar Narayan:**  Yes. Two of the groups that signed the letter are Northwest Immigrants Project and One America. So they are already on. APIC folks and King County are already on, as well. I can send you -- the letter is public record -- I'm happy to send you a copy if Heather or Torgie don't already have it, so that you all can see who signed on. For us, entirely apart from the ordinance for our process around the Surveillance Ordinance Roundtables, our hope is to expand those, not just in King County, but state-wide, and to engage every sector that we currently work with. We have coalitions that we've built from our work, for example, on voting rights, on policing, on immigrant rights, on reproductive freedom, and we are trying to engage all of those sectors in separate roundtables so that we can really get a sense of how they are seeing the effects of technology in their particular spaces. And if you have suggestions of organizations that are not on here, that we should be talking to, I would love to know.

**Heather Lewis:**  I think we have time for one more question. Anybody want to close out these questions?

**Shankar Narayan:**  I think that's all of them.

**Heather Lewis:**  We are so appreciative for your time tonight.

**Shankar Narayan:**  Yes, thank you all so much for having me. I appreciate it. And I look forward to working with you all.

**Heather Lewis:**  Next, we're going to be having the Digital Equity Committee and Digital Inclusion. We previously mentioned in the last meeting that, because of Digital Inclusion Week, we would try to have as much of the content as possible on Digital Equity. So, I'm especially excited about the next session. John, will you lead?

**DIGITAL INCLUSION WEEK**

**John Krull:**  Sure. David Keyes and I are teaming up on this. First, we did a last minute invite to all of our TMF grantees, because many of those projects are, of course, related to Digital Equity. So I think we've got three or four project representatives here. Do we have anybody? Okay! Come on up. We'll start with you. Do we have anybody else? I know I've got three or four. So you will be second. Since I'm still new and still meeting everybody, so if you could introduce yourselves, tell your organization, briefly describe your project and where you are in the project, and if it applies, how it's addressing Digital Equity.

**Kat Barr:**  Thank you for having me today. My name is Katherine Barr. I'm with STEMPaths Innovation Network and we are an organization dedicated to closing the opportunity gap for girls and kids of color, particularly in science and technology, engineering, math and art. We have programs across the City, mostly at our Title I schools, and in community organizations, where we're teaching things like robotics, 3-D printing, video game design, a variety of different things to kids. We work in Kindergarten through high school. We're launching a new initiative this fall called Spin Girls. So keep your eyes open for that. That's going to be focused on eighth, ninth and tenth grade girls, funded through the Best Starts for Kids Youth Development grant. So, we're going to be doing a mentoring and education program focusing on those girls, in a three-year cohort model. We wanted to definitely come here and talk about the great projects that were funded through the TMF over the course of the past year, which is a program called Project Smarty. That is at Dunlap Elementary. Dunlap Elementary is down in the Henderson education corridor in Rainier Beach, down by South Shore in Rainier Beach, a kind of forgotten school sometimes tucked back in there, but they are doing great work. The school is 98 percent kids of color. It's 85 percent free lunch eligible. It's about 20 percent homeless right now. A great bunch of kids. We've been working there, this will be our third year there. Our first two years were funded through Race to the Top, which we did in collaboration with Seattle Housing Authority and Seattle Public Schools. And then, when that funding ran out, we were looking for a new way to deepen our community engagement and our presence there, and continue our program. So the Technology Matching Fund grant allowed us to continue to work. We work with 30 kids, Kindergarten through fifth grade, so two classrooms. Fifteen younger kids with a few older kids. This year, what we're doing is three modules of learning with the kids in the classroom. We set up our own little maker space there. So, through the Technology Matching Fund, we have 3-D printers, laser engraving, electronics, computers, a bunch of really cool creative stuff for the kids to play with. And we're actually in our third module right now. In the fall, we did 3-D printing, where the kids learned all about how to design different projects in 3-D printing. the next module, we did electronics, where the kids learned about circuitry. The built little boxes that had alarms on them, so that they could put their special things in there and have alarms go off if their brothers and sisters got into them. And right now, they're doing laser engraving. So they're learning how to design and etch with a laser engraver.

With each of those modules, we have a component that is what we call our Smarty Parties, where we invite in all of the parents, and we invite in community members. And the kids really take the lead in teaching them skills and the things that they've learned about in each of the areas to their parents and community members.

We also have been doing professional development within the school. So, it's been a great opportunity for us over the course of three years to develop a relationship with classroom teachers who allows us to take off. What is happening in the classroom is an academic component, and an enrichment component to our program. So, we're doing tutoring. We're doing reading and math support, as well, in addition to the STEM stuff in this program. We also are doing professional development for the teachers in the building because fortunately, we just got another grant from Department of Education Early Learning (DEEL)  to do a summer program at Smarty. So, we're always trying to figure out how to keep the program going. And we also want to make sure that there is capacity within a school. If we're not there and teachers want to use the 3-D printers, they can incorporate that into their classroom teaching new kinds of science, technology, and engineering. So, that's a little bit of what we're doing at Dunlap.

**John Krull:** I'd like to make sure that the word on that gets spread to the district.

**Kat Barr:**  Absolutely. We'll be having an end of the year Smarty Party at the end of this year. I'll make sure that you guys know when that is, because everyone is welcome to come. It's super fun. the kids are really adorable. And they're doing really cool stuff.

**Heather Lewis:**  Have you applied for TMF this year?

**Kat Barr:**  We applied for a different project for this. It's been great, but at this point, we're trying to work with the school, itself. If we can find a way to get Title I dollars to fund the program, because we have been running it there at no cost to the school budget, which is great in some ways, but it gets to the point where they should be taking a little more ownership over the program. That's what we're trying to do over 2018-2019.

**Heather Lewis:**  Is it okay for the audience to ask you some questions?

**Kat Barr:**  Yes.

**Heather Lewis:**  Does anybody have any questions?

**Shelley Andrews**: Are you solely funded by grants?

**Kat Barr:**  No. We have some programs where we contract with either PTA or some other funding source at the school where we're working. Some of our programs are more fee for service, but all of our programs are for the kids and families. We also have a program at Northgate Elementary. So, we're doing four days a week of enrichment up there at Northgate, funded through Best Starts. And then, we'll be at John Muir this summer running the afternoon enrichment piece of their program, as well. It's county-wide. We've been at many different schools throughout the course of our time, but we're trying to figure out a model that is more really rooted in the schools and communities and not so much going around from one place to another and trying to to just serve up classes, if that makes sense. So, we're trying to do deeper investments in the schools.

**John Krull:** I think doing it at Dunlap, almost by definition, and Northgate, as well, is an equity. Those schools....

**Kat Barr:**  Yes. They definitely have a lot of families who don't have access to resources technologically.

**John Krull:** Well, thanks for coming out.

**Heather Lewis:**  Mark, did you have a question?

**Mark DeLoura:**  Yes, thank you for asking me. the kind of stuff you've been talking about is something I'm really passionate about. I wanted to make sure that you're aware of the standards of computer education [unintelligible ]that are coming out of the U.S. Department of Education right now. there is a $195 million bucket of money that people are fighting over. But there is a very immediate deadline for the first round -- I think it might be the 12th or the 19th -- so anybody who is working on things related to broad access to STEM or pure science education, you should definitely track that down and throw something in there to see if you can get some money.

**Heather Lewis:**  Thank you.

**David Keyes:**  Mark, if you want to send that to me, I'll send it out to Kat and to other folks, too.

**Mark DeLoura:**  I'll do that right now. Thanks, David.

**Heather Lewis:**  Thank you. We so appreciate your coming tonight.

**Kat Barr:**  Anyone who is interested in getting involved and learning more,  David Keyes has my contact information.

**David Keyes:**  Are you tracking the kids who are coming in, how many of them have internet or computers?

**Kat Barr:**  Yes. We did do intake surveys. I know we talked a little bit about that in terms of if there is a way to integrate some of the programs that you guys have. We should talk more about that. I know Shannon has all of that information.

**David Keyes:**  Great. Thanks.

**Roudy Ablad:** My name is Roudy. I work at the Wing Luke Museum in the Pacific American experience, located in Chinatown, the International District. And I'm a project manager for our youth programs. We have two youth programs, one that's for middle school and one that's for high school. Our students range from Seattle to South Seattle, to the East Side, as well. It's mostly urban kids, immigrants, refugees, as well. And it's a whole range of students. Our current class right now has students who are European-American, LatinX, Asian-American mixed race, queer, too, as well. It's a whole range of students that we try to foster and help them be part of the museum world. Personally, I think that it's a little bit elitist, but we want to try to make sure to cover all communities to show that their stories are important and valuable. So, with this matching grant, I want to say thank you so much. We were able to create a mobile computer lab, where we were able to use computers as a way for them to get their hands dirty. And also to archive their stories in ways they haven't done before.

As a museum, we tend to work within a very physical realm. We tend to work with objects and stories. We want them to use digital technology to create those stories and create a bigger platform. Right now, our two programs are working differently. We have two artists for our middle school program. We're working with a muralist, and we're working with ... actually, our whole focus for this year is changing neighborhoods. the Chinatown/International District is one of the oldest districts in the city. It has been changing and a lot of businesses have been closing. And so, for our middle school program, they're working with ghost signs. All of those old, faded signs. They work with the muralist to understand these old signs. In one of our local organizations in the neighborhood is the Northwest Bushido, a martial arts school. they work with this artist to create murals. And the murals will live in this school for however long the school wants them. they've been using these computers -- they're tablets, or Service Pros, actually. They've been using them to walk the neighborhood and photograph and archive their thoughts  as they are walking around. So, it's been really nice for them to actually move around and not have a computer where they have to sit. The program that I'm looking over is for high schools. We're working with archiving stories. In our museum, we focus a lot on histories, stories as a weigh to kind of bridge that gap. We're going to be working this summer to create web sites and also to look at local businesses. It'll be local businesses that are disappearing or have disappeared. Archived stories are oral histories doing transcriptions which hopefully will help them get paid, because they've never done transcriptions before. In a sense, we want to have them be compensated for their work, too. Through their stories, we're going to have them create visual artworks based on the narratives that they're reflecting. Those will be living in our museum, but also on our online platform. Sometimes people can't go to museums, because it's a physical space. Sometimes you have have access online to see those stories, as well. With this grant, we're able to kind of look at those places and find other ways to share the beauty. that's a little bit about us.

**Heather Lewis:**  Thank you. Can we open the floor to questions?

**Roudy Ablad:** Sure.

**John Krull:**  I have a question. are the works of the students on the public web site, where we can see them?

**Roudy Ablad:** Yes, they will be. With all of our programs, they work with artists, learn different art skills, and they have exhibitions to showcase their work at the end of each year. With this grant, we are actually able to have their works online as well.

**David Keyes:** So, will there be an end of the year exhibition also?

**Roudy Ablad:** Yes. We could have receptions afterwards. We host four exhibitions a year. Each exhibition has a reception.

**Heather Lewis:**  Do we have other questions?

**David Keyes:** Just a quick comment: I know when we had our Technology Matching Fund 20th anniversary celebration, folks from Wing Luke told me that they had completed their 500th story that they had collected. Audio history in their history lab that was initially funded by the Tech Matching Fund grant.Kudos to you guys for doing some great work.

**Roudy Ablad:** Thank you for supporting us.

**Heather Lewis:**  We sure appreciate you coming tonight and sharing your story. Do we have any last questions?

**Karia Wong:**  How many in each group that you have usually for your program?

**Roudy Ablad:** We have a middle school program, which is 14, and we have a high school program, which is 15 to 19.

**Karia Wong:**  How many in each group?

**Roudy Ablad:** We usually have a maximum of 15 students per session, as a way to have a smaller ratio of teacher to student each time. Anything more is seen as a loss. Especially with artworks and getting skill building. Students like that one to one interaction, and we try to encourage that.

**Heather Lewis:**  Thank you so much for coming tonight.

**John Krull:** Do we have one more organization?

**Heather Lewis:**  David, can you present while we wait for the other organization?

**David Keyes:**  I'm going to just share a little bit. One of the things that came out of the Digital Equity Plan and Initiative that we've been doing is last year, we passed a number of strategies to work on Digital Equity, and then worked with the University of Washington Information School to look at what are some measures of those to show where we've been doing work on Digital Equity. So, I'm just going to run through some of these.

This is just the vision statement that was developed initially by a consortium of education, government, a lot of community folks, on our Digital Equity vision of empowering folks, especially under-represented and under-served communities. Of course, that means that what we're really working on is all of these kinds of connections around education, helping families, and jobs; accessing government services. We know now at this point that there is from the American Community Survey that 93 percent of residents have internet at home. As we look at our work on Digital Equity, there are a number of strategies around connectivity and other things. I'll talk that in just one sec. So, we've got folks that are under-connected, as we have just been hearing from some folks. These are the strategies around the Digital Equity plan and the work. Connectivity, skills training, devices, and technical support are the primary thrusts of some of our strategies that we've been working on over the past couple of years. Then, there is a piece which is applications and online services that the City has been working on, as well. Last year, we did a couple of hack-a-thons, for instance, around community issues and services. And then, through that, we are also working on community capacity building. Some of our ability to effect change is building that capacity for organizational change. So programs like Kat's and Roudy's can go in and have the equipment, and have the skills necessary to provide the training and services. those are our thrusts around the Digital Equity strategies.

And then, our role as the City is around convening or bringing folks together: capacity builder, investing through our Tech Matching Fund and other grants, And in some cases, providing services such as partnership in public WiFi on kiosks at the Parks and Rec community centers, or at the Seattle Public Libraries. I'll talk more about that. but, a lot of that then is working in partnership with community groups. What we found as we started to look, is that there are at least this number of City departments that are involved in providing some aspect of helping with Digital Equity. That hasn't really been looked at carefully before. We know there are different grant programs, but we can track back to specific investments that have helped with those thrusts of the strategies in these departments. The investments came from money from the City and the Library work, the other partnerships we had, like with the University of Washington Information School. What Seattle Public Schools is doing and variety of things, including the literacy and promoting low income internet programs, and so on. We are obviously relying on some private funds along the way in investments. A piece of that, for folks who don't know, through the cable franchises, we got money from Comcast, particularly to help support our Digital Equity Initiative. Last year, Facebook contributed $25,000 towards the Tech Matching Fund. So, there are other investments that come in. And then, there is a lot of investment that I think also goes to those individual community groups to help. But, it's not enough.

There was more than $1.2 million in City contracts with community organizations. A piece of that was what we had from Seattle IT through our Technology Matching Fund grants, and some targeted community tech grants to the Y, Interconnection, and we did a project that helped transitioning young adult homeless folks get laptops and internet services, for instance, last year.

The Office of Immigrant and Refugee Affairs does this great ready to work program, teaching ESL and computer tech skills in digital literacy. What we've done for the first time is start to aggregate and look at where are all the public WiFi around the City that the City is providing. And, so we've got over 1.9 millions connections this past year  at the libraries, community centers, and the, guest wireless, like you've got in this room, or we have at City Hall. so, there's other public access WiFi. And then broadband for organizations. Through our agreements with Comcast and WAVE, 314 community sites got free broadband service, which is about $375,000 worth of service last year.

And as we look at connectivity, the library did 6,500 plus check-outs of their WiFi hotspots this past year. A big accomplishment, I think for us, in negotiating and working with WAVE is the beginning of a low income internet program with WAVE, called Simply Internet, where anybody who is eligible for the City's Utility Discount Service can now sign up for service. And then, on connectivity, thee are computer kiosks. there are over 900,000 sessions of use of the computers at the library branches, and 48,000 computer sessions at Parks and Rec. Kiosks w have in six Neighborhood Service Centers; and then over 4,200 hours of what I think of is facilitated technology learning time at the Parks and Rec community centers, where there is staff to help them find education resources or jobs or health information, and so on.

And then we saw expanded uses of devices. We distributed 416 devices to community organizations and residents. That includes part of our partnership with Seattle Housing Authority. And I mentioned this homeless program that helped 47 young adults get equipment. Through the City's surplus program, in addition, there were 460 City surplus computers that went to the district.

As we look at some who received trainings, we know that 2,922 folks received training through our funded programs, just through the City programs. And then we have at least these number of folks: 1,000 Hispanic/Latinos, 210 folks with disabilities, 50 Native Americans, 1,000 African Americans, 529 immigrant and refugees received training as a result of those programs. And in some cases, not everybody signs up and fills out the demographic form. So, we know it's at least this number, and I suspect the numbers are higher in some of those areas.

That's a quick snapshot of what is really our first Digital Equity report, and pulling together of what we've done in these strategies and what we know about some of the reach from the Digital Equity work we do together.

**Heather Lewis:**  Thank you, David. does anyone have questions for David?

**Torgie Madison:** Do you have plans for other metrics and pieces of data that you are going to collect? How is the report going to grow over time?

**David Keyes:** Yes. I think this was a good year in laying the foundation for a longer term impact evaluation. There are two aspects: One is the challenge for us in how do we work with our community partners to get to a point where we can talk about the education impact, or how many people got jobs as a result of learning tech skills or getting access. that's certainly a piece of it: How to do a deeper impact evaluation on what are some of those outcomes. How many people use the City to engage online. What we also are working on right now is in part as we now have these indicators, we're also working on a new grants management system. So, there's data base elements that we're trying to fold into our grant system. We're working with the partners to help them understand what data we want to collect, what they're tracking now, so that  we can better aggregate that data and have it be more specific in detail, but also do that in a way that we learn both the quantitative and the qualitative information from our projects that we're working with. That's a piece we're working on this year. Also, one of our goals is to say, 'Are folks actually reaching these competency levels in different areas. I think it's a general picture we laid out about six or seven different areas in terms of gateway skills, applied life skills. Can you find transportation online? Can you get help in legal information? Can you access City government services? Jobs, youth engagement, youth education, parent engagement is another is another. So, as we look at that, how do we get some sense of what reaching those levels of competencies are across the different programs. for the City, the digital Equity work is intended as a partnership. So, it's not just the City of Seattle, but the broader communities, of what the schools, university coding labs, and companies are doing. This is a start. I'm starting to collect information to tell what is the picture of what our department is doing. What is the picture of what the City government is doing. And what is the picture of all of us partners together who are working on Digital Equity are doing. I think that's a piece where we are plotting a framework to put some of it in. And we're getting that from the other work that Kat Barr is doing at Dunlap, or the other work that Comcast is investing in some place, or others are doing in the community part of our goals to tell the story of the impact, and a sense that the community is working together to solve these issues. And also to identify here is the need and opportunities for investment.

**Heather Lewis:** do we have any other questions?

**Harte Daniels:**  Thank you for mentioning 'qualitative' over 'quantitative.'  It's harder to get at the qualitative. And sometimes people miss the boat by focusing on the quantitative too much. So thank you for bringing that up. I was interested in the hearing I saw Delia mention an attempt, and can you address, over the past year, the attempt to get these partners or community groups to collaborate and share resources who have to compete for grants, etc. To get more of a synergy going. And I know that you're time-restricted and restricted in money. If you  could address the past year and your efforts on that. And lastly, the Department of Neighborhoods has come to this group and discussed that Catch 22 about engagement when the community doesn't have access or capacity in technology. I can give you the resource on what they have learned in engagement under environmental justice. They would be more than willing to share the [unintelligible] that they use.

**David Keyes:**  We started having conversations around building digital Equity/Digital Literacy coalition. As we've done the matching fund, workshops, and things, we try and pair people and encourage them to work together. I think there's a lot of work yet to be done. We started down the road with CTAB this past year, looking at what the interests and  needs are around this coalition building. That's what a number of other cities are doing. Some of that is also linking with other initiatives, and so Communities of Opportunity that is working in southeast Seattle and some other areas, so that we're using our Digital Equity funds to also leverage other investments and other work that's coming in where there are partnerships and collaboration.

**Harte Daniels:**  So you basically just did it around the competitive time period, which is a deadline time period....

**David Keyes:**  Yes. We still have our TMF, so right now, the Tech Matching Fund is still in place. That is a competitive grant. We do encourage people to work together and collaborate for projects. That is not the full sum solution to bringing in more resources and fostering some of those larger collaborations. We've talked with the University of Washington some about a research collaboration to help do the impact....

**Harte Daniels:**  I'll share a resource in Belleviue. They are also a foundation, so they might be able to offer some money.

**Heather Lewis:** That would be great. Maybe you two could take that one up offline. We're going to move on to the next section, just to keep us on track, which is an update on the Technology Access and Adoption Community Survey.

**TECHNOLOGY ACCESS AND ADOPTION COMMUNITY SURVEY**

**Seferiana Day:** I can be brief because I notice the time. Some of you might know that we are about to launch the Technology Access and Adoption survey. It's a City-wide population survey. We're going to be sending it out in the mail to about 20,000 Seattle residents later this month. And the deadline will be June 18. Check your mailboxes. You might get something. We're also over-sampling certain communities in Seattle by partnering with Seattle Housing Authority, as well as Seattle Public Schools. All residents of SHA and all students, all families will receive the survey. And so we're partnering with both of those entities to hopefully get a lot of folks to fill out the survey on how they access the internet. It was pretty well after the annual report for how connected the City is. Another thing that we are doing is partnering with the human services department to get responses from residents of the tent--sorry, they're not tent cities anymore, they are homeless villages. That is going to be really interesting because there is a lot of good data to get from folks who, perhaps, rely on their cell phones to get internet and are living in those encampments.

Another piece is that the survey will be available in Spanish and English, and so we hope to have a full report later at the end of the summer, probably September. And we'll be doing City-wide, and also Council district level data. That the quick summary.

**Heather Lewis:** Would you be able to report out on it at the end of the summer?

**Seferiana Day:** I believe so. Yes.

**Jim Loter:**  We'll probably do an event, as well.

**David Keyes:** Yes. It would be really nice to do a launch event. When we come back with it, we'll talk with you guys about it. It's been a great because we have a partnership with Seattle Schools this time, and Seattle Housing Authority, as well.

**Heather Lewis:** Thank you both. I think what we're going to do is, John Krull, we would love to have you before the break. But then I want to bump up the comments until after the break to give people a little bit of time to get to the restroom or whatever.

**John Krull:** May I make a suggestion, too? I think part of the activity could be during the break, which might get people moving around and talking to each other.

**Heather Lewis:** Okay.

**John Krull:** Before we get to the activity, besides trying to help with the survey, Seattle Public Schools, which I'm representing here, is working on our own Digital Equity program in eliminating the opportunity gap as one of the top goals of the district. We call it EOG at the district. For a large City, we have one of the largest opportunity gaps between historically disadvantaged students and white students. We're thinking that working on Digital Equity can support our overall district goal, because obviously the opportunity gap is lack of opportunity. And one of the big issues is students not having access. I've invited Joi Huie, who is working with the district.

**Joi Huie:** Can everybody hear me from here? Thanks for the introduction, and David, I definitely want to pick your brain. Is this loaded? Okay, we can just wing it. You don't need a visual, right?

Part of it is collaborating with many entities: City of Seattle, Seattle Public Schools, the community at-large, CTAB members, and talking about how to connect all of our SPS students and families to broadband at home, whatever that home might look like. Thank you, John, for priming everybody and talking about some of the inequities that our students and families face in Seattle. A lot of this is really connecting folks that are already on free or reduced lunch, or haven't enrolled in that lunch program, the meal service program, and connecting them with either Comcast, WAVE, or Century Link, which also has some other opportunities. Right now, if you have discounted utilities, I think....

**David Keyes:**  Yes, there are different criteria for the different programs for low income folks.

**Joi Huie:** But, part of it, I think, is really letting our families and students in schools know. For example, when you talk about Dunlap, they are actually part of a community eligibility provision because they have such a high percentage of families that are eligible for free and reduced lunch, that they have actually applied with OSPI for an opportunity for every single student at that school to have meals at no cost. So, I think that reduces the stigma for discounted lunch programs. but also, I think that is a nice entre into some of these other technology pieces that are saying, "Hey, we will offer you a discount or low cost services if you are eligible for free or reduced lunch. Again, it's kind of like that segue. If you are already receiving some other supports, it really should draw attention to digital supports as well. So, I think a lot of times, it is a matter of really making those connections.

So, part of it, again, in extending the partnerships that already exist and making sure that we're all on the same page. I was speaking with Seferiana about some of the community engagement and outreach activities and what that looks like. Knowing that you're going to be sending out this mass mailing and informing some of the schools that this is going to be coming your way. If you have any questions about it, you can reach out to us. this is what we're working on. I think some of that coordinated effort is really what the City could use. So, again, it's all about increasing some of this access where a lot of our families haven't had, either generationally -- or I think it was Roudy or maybe it was Kat -- who was talking about a lot of the immigrant and refugee populations -- and maybe if you are a first generation student in the U.S., that's really hard to navigate. And we're talking about various transportation, language barriers. Part of it is saying 'If you'd like to partner with the school district and saying we've got all of these ways that you can plug in. there are many doors to be able to get access to technology. That, I think, would be ideal, so that people aren't hearing mixed messages, or saying, how did you get $9.95 internet and I don't. I'm dealing with buses and trying to get my kids to the library or wherever public WiFi spaces are available. This was just a little snapshot of some of the offerings. But I think this is really what it comes down to is essentially making sure that some of our families that have less access to resources, whether that is food, housing, or the internet, That's a vital resource. How do you get your report done? How do you look for other opportunities in summer, when you don't have school involvement? How do you keep the kids engaged?

We talked about job opportunities. Talking with some of the students about what they're going to do this summer, somebody said, "Oh, I was able to find a lifeguarding job over the summer." But they found it online. Whereas, just sitting at the table, another friend said, "You did?" And they were talking about, "Yeah, I went to so-and-so's house. We looked one night. We wanted to figure out what we're going to do  this summer. My mom said I have to find a job." So these are realities for a lot of students. And if they don't have access, that is really limiting not only job opportunities, civic engagement, cultural opportunities as well.

So, this is just a little bit on us right here. My counterpart wasn't able to make it, so I'm just kind of jumping in. I'm really interested in seeing some of the data about how many households do have internet at home and how many don't. I think the accessibility and just seeing what the numbers are is really interesting to me. And also being able to partner with John and Yojee in eliminating our opportunity gaps to talk about other ways. And working with Kat and other community based organizations. What are you already doing in schools like Dunlap? We did a project with Miss Winifred Todd, who is the principal of Dunlap, and she is so excited and encouraging. And I love that when you do your introductions, you do talk about what your neighborhood is. Like, what part of the City of Seattle do you represent. and just knowing that everybody can fit in some pocket of that I-5 corridor. So you've all got an elementary, middle school or high school connected to you, so really it's about how do we identify some of the students that are on free or reduced lunch, or help them with access, whether that's education application assistance. How do you complete this online? How would you submit it? To saying, yeah, we want to make sure that we're identifying the students, they know about what is available to them or to their families, and that we have coordinated effort. So a little bit of this is just essentially not necessarily like a call to action immediately. Because I think  there are a lot of steps that are coming before that. A lot of discovery, a lot of data collection. But also saying it's never too late to bring up the conversation and just letting people know what is available. And I think the other part, too, was coming up with some other ways to collaborate and connect on what a plan could be for a united front, a united approach to reaching more people in Seattle. Yes, it's short, it's sweet, but essentially, it's a pathway to low cost internet services. So, let me know if you have any questions about that. Our information is right here if you want to get in touch. And you have John Krull's email, as well.

**John Krull:** We're going to continue this conversation about the school district and CTAB and partner more at the Digital Equity committee, which will be reconvening two weeks from today. Still figuring out exactly where we're going to meet and when, but we'll get that information out to everybody hopefully this week. We're definitely looking for members of the Digital Equity Committee. I know people are ready for a break. One thing that we did, kind of exciting, David Keyes and I, and a few others were brainstorming about what we can do for Digital Equity Week. One thing we did was we surveyed all of our partners, and we had them just answer  the question,  "Digital Equity is." So, I want you to think about that. All of the matching fund partners answer that question. This will get you guys thinking about it. What we thought, for the activity that would be kind of fun would be think about what Digital Equity is. Some of these are great. Read those. And during the break -- did we run out? -- We can pass these around this way. So, during the break, what we would like is for your to team up with at least one other person. You can have a team of two, three, whatever. And you're going to make this poster. Digital Equity is. And you're going to write kind of big Digital Equity is. You can either team up and get one answer and you're going to write really big. digital Equity is...Everyone has access. Something like that. And then, the fun part is you are then going to do a selfie, or you'll have your partner take your picture holding this. What we would like to do this week is to have you post those on Twitter. What we want to do is get Digital Equity out there posted to let your network know.

**David Keyes:** If you don't know how to post on Twitter, John will help you out.

**John Krull:** We're running out of time. So, any questions?

**Heather Lewis:**  Can we get the Twitter handle on the white board, so everybody can use the correct Twitter handle?

**John Krull:** Yes. Do we have the handles?

**David Keyes:** Yep. They're right here.

**John Krull:**We'll get those on there. And we don't all have to tweet like right now. So, Digital Equity is. You'll have your answer and then you will tweet that out and there are the hashtag. How about CTAB on there? We'll put that up there. That goes into your break. Find your partner. I will pass these out as well. We will reconvene in about 10 minutes. If we run out of time, it can be homework.

**Heather Lewis:**  Sounds good.

**BREAK**

**John Krull:** Thanks, everybody. I teamed up with Dan.  We did two. We ended up with Digital Equity is allowing everyone to contribute. And we had Digital Equity is access for all. So we will be tweeting those out. When you tweet it out, try to include @seatechboard. And the hashtag is #digitalequityis

**Heather Lewis:**  Yes. Thank you, John.

**David Keyes:** That's the feed on the national site right now. This one is up there from the meeting.

**John Krull:** The idea is to tweet that out some time this week.

**David Keyes:** Digital inequity will still exist next week.

**Heather Lewis:**  Okay, we're going to swap the order on a few items because we have some time constraints. CTAB Communications Audit Discussion with Mark DeLoura and Charlotte. Lunday.

**David Keyes:** Heather, we have the folks from the other TMF project.

**Heather Lewis:**  Oh. Terrific. Could we hold the audit discussion until after the TMF folks?

**Charlotte Lunday:**  I don't see Mark DeLoura up there, so I'm not going to have as much context as he would provide.

**Heather Lewis:**  It looks like the connection might be....

**David Keyes:** We lost the server connection there.

**CTAB COMMUNICATIONS AUDIT**

**Charlotte Lunday:**  I think I can dive in. Basically, my understanding is Mark and David met up and talked about all of the different ways that CTAB has communicated in the past. Our different avenues and platforms. This includes listservs, blogs, yadda yadda yadda. I think it also includes some Seattle IT things. But, the idea was to do an audit of all of the communication tools we're using and try to develop a strategy for using them and do two things: To drive more of a two-way stream of communication, so an actual conversation. And then, be able to use that to figure out ideas for where CTAB should show up. Kinds of things that we should maybe comment on. The reason I am talking about it is because Torgie and I have met a couple of times with respect to our committees. Torgie chairs the Privacy Committee.and I chair the Smart Cities Committee. A couple of months ago, the Smart Cities Committee met and Torgie joined us and we developed a few different work streams. One of those was focused on increasing our social media presence and building up community around Smart Cities topics. As that conversation has progressed, between Torgie and me, in particular, on our various committees, we thought it would be a good idea to join forces and try to come up with a mutual strategy, and test things out at the committee level for how we can work forms of technologies and communications tools we can use and how we can use them. So, where and what kinds of topics, should we be doing op-eds, should we be having blogs, how do we manage this. All of those sorts of things. That kind of conversation was happening in parallel with Mark and David, so my understanding is that over the next few months, Privacy and Smart Cities committees will work together to try to do that audit and develop a communications strategy, test it out, and then bring it to the CTAB board with something that is potentially adopted by the full board.

To kick that off, we are combining our next committee meetings. That will be May 29, from 6:00 p.m. to 730 p.m., at the Montlake Branch of the Seattle Library. We can put that information on the board. I don't have the address memorized, so I don't know if you would want to look it up. Torgie, I think, was going to introduce a tool at some point that we are using to brainstorm this. But I will write my email address up there, if anyone is interested in knowing more. Because I have to get out of here.You can contact us and we'll get you set up on our communications platform. It's fun! It will be fun! So, with that, I have to head out. It's been a lovely evening. Everyone have a good rest of the evening.

**Heather Lewis:**  I didn't hear day of the week?

**Charlotte Lunday:**  It's a Tuesday, May 29.

**Torgie Madison:** The Privacy meetings are traditionally on the last Tuesday of the month.

**Heather Lewis:**  Perfect. We will get that on the board. thank you, Charlotte, for your update.

**Torgie Madison:** What I've got Mark on right now is a platform called Discord. And if you've experienced the internet's past, you know about a technology called IRC, which is Internet Relay Chat. It's just a chatroom for people to drop into and swap messages with one another. People could join it and leave it. This turned into Slack, which is the business enterprise version of IRC. And Discord is sort of Slack for the people. What I did in order to collaborate with Mark and a few other people. We actually have six people in the server right now, including John and David and Seferiana. I can give you a brief rundown, since I know that we're trying to get the TMF recipients up here. Basically, it's a chat platform. It's on every single device you could possibly imagine. It's free. You can have role based permissions, so the executive leadership here could have private chats of their own. committee chairs and vice chairs could have chats of their own. And the public can come and join in. We can broadcast this link in our Facebook posts, in our Twitter posts, or whatever we would like. And people can come and join and participate where we are on the internet. Because right now, we don't have a good internet presence. You can share files. And one of the most important features that I personally like about it is that you don't need a social media account to join it. You don't need an email address to join it. You can stand up anonymous accounts, participate in a chat, and then leave. And you don't have to expose any of your personal information in order to communicate with this board, which I  think is really important. You can video conference through it. You can chat conference through it. So, it replaces Skype. It replaces Facebook groups. It replaces WhatsApp. It doesn't replace WhatsApp. Sorry. If you want secure and privacy encrypted one on one, you can still use Signal. You can still use WhatsApp. But the server is online. I set it up. Like I said, right now Charlotte Lunday, Mark DeLoura, and I are the main users. I would encourage everyone to join. I'll write it on the board. I think that's about it.

**David Keyes:**  Will we have a chance to see that a little more at the meeting on May 29?

**Torgie Madison:** Oh, yeah.

**Heather Lewis:**  Or maybe could you walk us through it in addition perhaps? Through the sign up process at the next meeting? So we can see it in action?

**Torgie Madison:** Yes. I'll be sending the link out maybe to the CTAB list, just so that people can see what it is and play with it, to see if it gets traction. But I think it's going to be a great replacement for a lot of the tools that are sort of scattered around.

**Heather Lewis:**  Okay, well, thank you for taking the time, you and Mark, to review tools.

**Luis Barrera:**  I have one question. How are you going to deal with trolls?

**Torgie Madison:** We have three levels of moderation.

**Luis Barrera:**  Okay. As long as that's built in there!

**Torgie Madison:** ...so executive leadership can moderate. That's public and also a special  group called Moderators for Seattle IT, stakeholders,and trusted users.

**Steven Maheshwary:**  I have a quick question about it. For any communications that need to be saved for public record with Discord, A) Is that a necessity for a channel like this where you have board members from CTAB as well as the public commenting. Do we need to have that saved for public record? I need to brush up on my rules. Is that doable with this app?

**Torgie Madison:**  Slack would be the natural choice, but Slack only has 1,000 lines of history before you have to pay a lot for it. discord has infinite scrollback for chat history. So we could pull up, if there is a request or something, history. It's searchable. We do have private rooms to facilitate conversations among board members separate from the public rooms where we could just hang out and share meetings with people.

**David Keyes:**  I think we would need to look at it in terms of applying the open meetings law. If a majority of CTAB members were gathering on it. Any votes and decisions need to come back to a public meeting here.

**Heather Lewis:**  How would we set up a phone call to talk about logistics?

**David Keyes:**  Some of that is working with the City Attorney's office that helps us translate the open meeting requirements. City social media is registered with the City and backed up. So, it's not entirely clear whether or not we need to rise to that level. It's a question we have to look at.

**Heather Lewis:**  It's amazing that we have to schedule a conversation to talk about those details.

**Steven Maheshwary:**  Separate question on top of that. I appreciate Torgie for setting up the discord chat room. I do have a larger question about whether we think Discord is an acceptable chat room or platform, especially if we want to invite members from the community at large to come and discuss. that's a general question. My gut instinct is that Discord is a pretty techie chat platform. I know we're a tech advisory board, but I just wanted to put my two cents up there, given that alternatives are on the short list. We haven't really put a lot of legwork into finding the alternatives that are out there besides Discord. The only other option I would have thought to suggest is looking for platforms that are acceptable for a variety of factors. Skype seems to be coming out with something, but to be honest, I have not spent the time to vet those other platforms.

**Torgie Madison:**  Right. One of the disadvantages that I listed -- I actually made a three-page summary on how to set it up with the permissions, advantages and disadvantages, and comparisons. Yet Another App is in the disadvantages. It's extremely popular, but it's also another app.

**Harte Daniels:**  Popular among techies, which is his point.

**Torgie Madison:**  Right. Kind of. It's popular among video gamers, where it started. But you could argue whether gamers are techies or not, but I would argue that this would be for internal use for us day to day. I was planning on using this to message and keep in touch with members of the Privacy Committee who are doing work on the Surveillance ordinance. So that's going to be day to day conversations. It is better than nothing, which is what we have right now.

**Heather Lewis:**  We appreciate the fact that you have done the background work on this. It sounds like there is a lot of interest in learning more about it and we will meet to have some future conversations, but we really appreciate your walking us through the details  today. If we can schedule some more time for the June meeting, that makes a lot of sense. In the meantime....

**David Keyes:**  And for the 29th.

**Heather Lewis:**  Attend the joint Smart Cities/Privacy committee meeting on the 29th. Also talk to Torgie and let's schedule some time on the team meeting as well, and keep this discussion going. I want to make sure that we get to hear from our wonderful TMF recipients. Thank you for coming tonight.

**Asia Adam:**  Thank you for having us.

**Heather Lewis:**  Please speak up. Cass is recording for the public record, and people on the phone can track the conversation going forward.

**David Keyes:**  Yes, and if you guys could introduce yourselves?

**Asia Adam:**  Oh, yes. My name is Asia Adam, and I'm the program director for Education for All. We're one of the recipients of the Technology Matching Fund. To say the least, the community and the kids that come and attend our programs, we are really excited about the computer lab and it has been getting a lot of buzz and activity within the community, especially in the White Center area, High Point. So, we are really grateful to the City of Seattle for getting this up. That's about it.

**Najma Shante:** I'm Najma. I use the technology we have because I'm part of the kids that they help on education. I do go to South Seattle College. This is really very helpful because I am taking classes with these computers and everything like that. We've been providing computer literacy classes for the older generation so they can be able to set up a resume, look for jobs online, and get other opportunities. Especially teaching the younger kids. They know how to use computers but they're not really safe about it. They had Chromebooks early on and they managed to get viruses on everything. So our program kind of directs them on how to use the internet, which is so broad and so vast. And we also give an open lab for especially college students who might need a place to study and hang out with the community. So that they don't feel overwhelmed with everything. Also, we teach web design, creative coding, and we have some people come to volunteer and teach the younger ones. The youth, especially, on how to do cool stuff online. I've learned a lot, just by kind of supervising and walking around. So, thank you again.

**Heather Lewis:**  We're so excited to have you here tonight.

**Najma Shante:** We're glad to be here.

**Fatima Adam:**  My name is Fatima and I'm also on the education staff. It's really helpful to see the community come together, and able to use the computers.

**Heather Lewis:**  Are you applying again this year?

**Fatima Adam:**  Definitely. We're looking forward to it. We wold love to expand it, because right now we have about 13 computers. Some of the kids are excited and they can't wait. "Oh! Time's up! You need to get off the computer." So, we hope to expand so we can get lots more students in there. Or more community members.

**Heather Lewis:**  We look forward to seeing your application, then!

**John Krull:** What building is the lab in?

**Asia Adam:**  It used to be a Lutheran church in White Center. Later on, it kind of turned into a community center for the Muslim community, and east African communities,as well.

**David Keyes:**  I think it's a few blocks north of Roxbury.

**Asia Adam:**  Yes, a few blocks, 18th and Roxbury. It's kind of hidden. There are two churches there, so a lot of people go to the other one. But it's on 18th, a little bit off of Roxbury.

**John Krull:** Okay. Does the building have a new name to it?

**Asia Adam:**  Yes, It has a new name, Education for All, as well as Hope Academy.

**David Keyes:**  You mentioned Chromebooks. What do you have in your center right now?

**Asia Adam:**  Now we have the desktops we purchased with the matching fund. Earlier on, before we got the grant, we had some community members come together and try to raise funds to try to get Chromebooks for the kids. It helped us a lot with connecting on the goal that we had. The grant gave us a boost.

**David Keyes:**  Do you have a coding curriculum?

**Asia Adam:**  We have a few computer science graduates that come by and teach the kids on coding and stuff like that. We don't have an exact curriculum for it, but we have short, two weeks, programs that gives them the basics.

**David Keyes:**  What is your sense of the impact on families together? Kids and parents?

**Asia Adam:**  The parents are actually really excited. They used to have this taboo that the internet is unsafe, and they don't know what they're doing up there. So we teach them a way of keeping track and learning about parental locks. We teach them to do those things, to look into the computers and see the activities that their kids are doing online. So it becomes something that isn't foreign that they don't know anything about. The kids were always locked up or always on the phone and they don't know what they are doing. This kind of helps bridge that. We see the communications gap between the two generations. They're really excited about it.

**David Keyes:**  You are at South Seattle College. I know there are computers at college, too. Can you just say something about that?

**Najma Shante:**  For the college, it's not really upgraded. It's mostly old ones. I do take computer classes. I take Python and programming classes as well. Since they do have the program, it kind of helps me with the class that I'm taking right now. With the new upgraded computers that they have at Education for All, it's so much better than the ones at college.

**David Keyes:**  A different environment.

**Asia Adam:**  Yes. A lot of times, students that go to the college, especially the east African community, they feel a sense of reassurance getting information from someone that has the same background as them. So, it's more of a one-on-one instead of a class or a tutoring where it's overcrowded. They did want one-on-one attention. They feel more comfortable with that.

**David Keyes:**  Are you going to teach Python classes there now? [laughs]

**Heather Lewis:**  We are so appreciative. Thank you for coming in and telling the story on the great work that you do. Can I ask you one favor, for note taking purposes? Would you mind signing in on the attendance sheet, there, so that we have a record of your attendance today?

The last item on the agenda tonight is a wrap up of decisions and next steps. We have about 10 minutes left to do that.

**WRAP UP AND DECISIONS**

**Heather Lewis:**  Decisions that were made today: We approved the May agenda and April minutes. We heard from Shankar Narayan on the Surveillance Ordinance and the proposed amendment. It doesn't sound like we have any immediate next steps there, but we look forward to conversations on current Digital Equity work here in Seattle, and national Digital Equity, as well. And we have in class....

**David Keyes:**  In class or homework!

**Heather Lewis:**  Please make sure you submit your selfie to Twitter tonight or soon, please do so over the next few days, by Friday, which is the end of the week.  We have a new tool and upcoming conversations around our new tool. We look forward to those upcoming conversation, one of which is on Tuesday, May 29, at 6:00-7:30 at the Montlake Branch of the Seattle Public Library. And we anticipate further conversation at the CTAB meeting. And I think that wraps up our agenda items. Did anybody have a public comment?

**PUBLIC COMMENT**

**John Krull:**I have an update from the district. We were rolling out the information technology advisory committee. Applications for that close on Friday. You can find information on that at http://seattleschools.org/dots.

**Heather Lewis:**  Would you mind sending us a link for that? We should publish that on the CTAB page and Facebook page, and potentially, other pages, as well.

**John Krull:** Okay. That would be great. And then, Pedro and I are going to meet, and we're going to be posting when the Digital Equity committee is meeting. Again, looking forward to getting members for that committee.

**Heather Lewis:**  Are you looking for a room?

**John Krull:** Yes, we were going to meet after the meeting and decide.

**Heather Lewis:**  I know a company that has rooms available.

**John Krull:** Okay. Thank you.

**Heather Lewis:**  We need to get that rolling again. Dan?

**Harte Daniels:**  I sent an email to you and David Keyes  on a number of resources, etc., but one thing was the White House Innovation Fellowship application process is open right now.

**Heather Lewis:**  There is a link that you sent?

**Harte Daniels:**  Yes. This is a program that started under the Obama administration. Do you want to send it out?

**Heather Lewis:**  Yes, I can send it out. Great. You have some great links. Thank you for sharing. does anybody else have a public comment?

**David Keyes:**  Mark DeLoura sent the National Science Foundation grant thing. So, I'll send that out.

**Heather Lewis:**  Excellent.

**Karia Wong:** We did enrollment for WAVE internet in April. Chinese immigrants came. We had about 35 applications on that day. They all came over the last two weeks. This is the first time, so there are a lot of unknowns. We have to find out what the installation process will be, and if there is anything wrong with the billing. So, it's a learning process, but so far, it's quite smooth.

**Heather Lewis:**  Thank you for sharing. Are there any other public comments?

**Harte Daniels:**  There is one more. There is an opportunity for people to join the Human Geography databases. This is again under the previous administration, a way of sharing information culturally as well as data-wise. It's from the U.S. State Department and how they deal with working with communities and activating communities. It's free and anyone can join.

**Heather Lewis:**  All right. We have hopefully heard from everybody who has a public comment, but in the event that you recall something later on.... Do you have a clip?

**David Keyes:**  The preview we can do another time. There's a new video out called Dividing Lines, on the digital divide. This is a little trailer for it, to end our Digital Inclusion Week events here at CTAB. And then we can decide if we want to show the longer one at another meeting or in a public forum.

[Runs video]

**Heather Lewis:**  David, it sounds like there is another video available? Can you provide the link to that?

**David Keyes:**  Yes, the longer video, they're looking to do screenings for this, so they don't have it fully online yet. But if people wanted to arrange a screening in your community, then I can arrange that with the Harvard Berkman Center, and a couple of other groups. So, I'm happy to arrange that. They have a little information kit that goes along with it. Happy to talk to you guys.

**Heather Lewis:**  Thank you to everyone who came here tonight and participated. It's really great to have a more inclusive meeting. It's inspiring. We appreciate you. And with that, this meeting is adjourned.

**ADJOURNMENT**