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SERGEANT AT ARMS: This is a sound check for the Committee on Higher Education. Today's date is September 22, 2022, being recorded by Danny Huang in the chambers... I mean committee room. Sorry.

SERGEANT AT ARMS: ... To minimize disruptions, please place all electronic devices to vibrate of silent mode. If you would like to submit testimony, please send via e-mail to testimony@council.nyc.gov. Once again, that is testimony@council.nyc.gov. Thank you for your cooperation. Chair Dinowitz, we are ready to begin.

CHAIRPERSON DINOWITZ: Good morning.

[gavel]

I am Eric Dinowitz, Chair of the Committee on Higher Education, and welcome to today's oversight hearing on online degree programs, past, present, and future. Before we look at today's topic, I want to make a few comments, first about the Monkeypox outbreak that has become a concern in recent months. After inquiring about the efforts that the City University of New York has been taking to mitigate the effects of the Monkeypox virus on community campuses, I want to share the following update this week from CUNY administration: Printed information

and posters about Monkeypox were distributed in July to the campuses via the Health Services and Counseling offices, and to the residence halls. Links to the Center for Disease Control and Prevention and the New York State and New York City Depts of Health were added to the Central Health Services website and to the Health Services websites on various campuses in July, and updated in August. The Chancellor distributed information in August to all students, faculty, and staff, including links to federal, state, and local health offices. Training opportunities were made available to relevant staff members in August. CUNY social media tweeted information in July, August, and September. CUNY students were provided with information about the New York City Health and Mental Hygiene's Monkeypox vaccination efforts via social media, e-mail, and campus posters. However, vaccination is a personal choice for students, which is what they shared. CUNY does not provide vaccinations on campus or in health centers. CUNY does not collect data about the number of students who have been vaccinated. CUNY states that there is sufficient vaccine supply in New York City for all who are eligible to be vaccinated, and I

would just take this moment to encourage anyone who is eligible to get vaccinated. CUNY has advised me that although there is a high level of concern about any transmissible disease at CUNY, concern about Monkeypox has been mitigated significantly as a result of ample vaccine supply, diminished new cases, and weekly averages, and information campaigns by the City, State, and CUNY. I want to applaud CUNY's efforts regarding the Monkeypox outbreak, but also want to encourage continued vigilance and making information and counseling available to students who need it. We know that sexually active college students are at risk for contracting and spreading Monkeypox, and we want to do everything we can to keep it from spreading, and again that includes vaccinations.

I also want to give a brief update on the antisemitism, that has been occurring on college campuses. On June 30th, we held a committee hearing about this topic. A quick update: Earlier this month, the Chancellor sent to all the presidents and deans of CUNY campuses a letter. Included in that letter was specific references to antisemitism, and I do want to thank the Chancellor for recognizing

antisemitism as its own problem, as a unique form of hate, and naming it, which is not something that is often done, and for directing the colleges to inform students how and when to report antisemitism. This was one of the big issues that came up in the hearing: That students didn't either feel comfortable or didn't know how to report. And so I want to thank the Chancellor for that first step, but also recognize that there is a lot more to do to create a culture of inclusiveness for students facing harassment on our CUNY campuses. While he has made mention to me of work being done for DEI training, we have organizations that know how to do this work, have been doing this work, and I am going to continue to push the Chancellor to continue to engage with these organizations and require faculty members, and anyone who engages with students to partake in these sorts of trainings which are... appear at this point voluntary. And I am also going to urge the CUNY system to adapt a definition of antisemitism that speaks to the uniqueness of it, rather than the general discrimination term that they use.

As I said, we appreciate the steps being taken, but we know that there is much more to do, and I look

forward to scheduling another hearing to address this pervasive issue.

But we're not here to talk about that today. We are going to turn to today's hearing topic. I think that all of us are going to learn something today about the substantial degree programs over the past two decades, and the innovative work that colleges are doing to serve the population of students who find this way of learning... earning an undergraduate or graduate degree appealing. That population usually includes many working adults who are busy at home, or busy on the job, and find that online study allows them to complete a degree when they otherwise would not be able to do so. And we are fortunate not only to have CUNY today, but have other national experts on online degree programs with us this morning to provide some context for our hearing, and to shine a light on some innovative best practices and online degree programming. We also have representatives from, of course, our own City University of New York, which provides over 60 online degree programs in a broad array of liberal arts and career fields at the Associates, Bachelors, and Masters degree levels through a number of its

colleges, as well as through a School of Professional Studies, or SPS. CUNY SPS, which has been offering online bachelor degree programs since 2006 (I think that is like before YouTube was invented?) was ranked #10 out of 361 by US News and World Report in the publication's list of best online bachelor degree programs in 2022. CUNY SPS's vision statement on its website includes the idea that CUNY SPS is dedicated to being the university's premier school for adult learners, as well as being the university's leader in online learning. Those two visions are linked at CUNY within SPS, as they often are at other colleges that are competing for busy adult learners in today's education marketplace.

Of course, there are advantages and disadvantages to studying online, and the committee will hear some of those today. We will also discuss concerns that are often raised about online learning, including about faculty preparedness to teach fully online, and the availability...

I've been paused. I've been told to tell you it's because of the live stream.

SERGEANT AT ARMS: Next time I'll just tell you myself.

CHAIRPERSON DINOWITZ: Next time, Regina will tell you herself.

I've been told 5 minutes. And ironically, from a DJ, I've been told no music. What's up with that?

Thank you.

I heard the stream is on. I hope that's true.

Good to go. All right. Thank you. Thank you. Back to online learning? We're good?

All right, thank you. So there are advantages and disadvantages to studying online. And the Committee will hear some of those today. We will also discuss concerns that are often raised about online learning, including about faculty preparedness to teach fully online, and the availability of support services for students who need them. Focusing on CUNY, the Committee will seek an overview of the current status of, and future plans for its online degree programs.

And I will just tell you all on a personal note, I am very much looking forward to speaking with CUNY and some of the other professionals in the field because having taught online during the pandemic, and taught students with disabilities, it was a real challenge, not just for me, but for the students to

really get that same level of education... that quality education, and not to mention that it was a challenge for the faculty all around. So I'm very much looking forward to hearing about that.

I want to acknowledge and thank some people Adam Starpoli, my legislative director, my Chief of Staff Jenna Klaus, Chloe Rivera, the committee's Senior Policy Analyst, who, unfortunately is transitioning off the committee and a couple of weeks, Regina Paul, who, fortunately, is transitioning on the committee's the committee as policy analyst, and Nia Hyatt, the committee's senior finance analyst.

I would also like to remind everyone who wishes to testify in person today that you must fill out the witness slip, it looks like this, which is located on the desk of the Sergeant at Arms near the entrance of the room over there. Please fill out the slip even if you have already registered in advance. That way... That you will be testifying in person today. To allow as many people as possible to testify, testimony will be limited to three minutes per person, whether you are testifying in person or on Zoom. I'm also going to ask my colleagues to limit their testimony to five minutes. I'll have to repeat

that when they get here. Please note that witnesses who are here in person and will testify before those who are signed into the Zoom webinar... webinar, except with one exception of our one of our national experts who's joining us from Colorado. We used to say via satellite. That was like the... now we say via zoom. I won't. I'd like to call up the first 4... 3... 4 witnesses, Judith Cahn, Kimberly Siegenthaler, and Tracy Meade, and Jamie Lerner.

Now in accordance with the rules of the council, I will administer the affirmation. That's not my time, is it? Okay, in accordance with the rules of the council, I will minister the affirmation to the witnesses from CUNY. So that's, Ms. Cahn, Dr. Siegenthaler, and Ms. Meade, would you please raise your right hand? You're good. You're good.

Do you affirm to tell the truth, the whole truth and nothing but the truth in your testimony before this committee and to respond honestly, to the Councilmembers questions.

ALL PANELISTS: Yes.

CHAIRPERSON DINOWITZ: Thank you. And as a reminder to all of our witnesses, please state your

name prior to your testimony for the record. You may begin with your opening statement.

DR. SIEGENTHALER: Has the green light... red light come on? Yep, I'm good.

CHAIRPERSON DINOWITZ: Yeah, red light means go, as it does everywhere in New York.

DR. SIEGENTHALER: Good morning, Chairperson Eric Dinowitz, and members of the Committee on Higher Education. Thank you for the opportunity to provide testimony before you regarding online education at the City University of New York. My name is Kim Siegenthaler. And I have the privilege of serving as the Associate Vice Chancellor for Academic Strategy and Operations for the City University of New York. In that role, my top priority is the development of the online education infrastructure to support all CUNY campuses in their efforts to sustain and expand CUNY's online course and program portfolios. I'm joined today by Dr. Judith Kohn, Director of the Department of Online Education and Support at John Jay College of Criminal Justice, and Ms. Tracy Meade, Senior Associate Dean for Strategy and Innovation at the School of Professional Studies. Each will share

information about the successful online programs offered by their campuses.

When we talk about online education in higher education, we must acknowledge the effect of the pandemic and reshaping the landscape nationally, as well as at CUNY. In short, we've experienced two years of anomalous online course offerings and student enrollments that make comparative analyses of online and in person experiences and outcomes particularly challenging. For example, the US Department of Education extended temporary flexibility to institutions to implement distance learning solutions to continue educating students during COVID. Because of this flexibility, and out of necessity to enable students to continue progress toward a degree, many programs have functioned as online programs, and students have been online learners without preparation or intent to do so.

Faculty and students unaccustomed to teaching and learning in an online environment struggled to adapt quickly during a highly stressful and unprecedented crisis. The CUNY SPS course, Online Teaching Essentials, was launched during the COVID shutdown to help campuses pivot quickly to online instruction.

The workshop has been offered 11 times since May of 2020, and has trained over 3400 CUNY faculty.

Due to anomalies associated with the pandemic variations in IPEDS and NYSED online identification and reporting criteria, and individual campus decisions regarding whether to identify and track students in online programs separately from students in on-ground programs, we are unable at this time to provide university wide comparative data for enrollment in, graduation from, or revenue generated from online versus on-campus degree programs. We are putting structures in place that will enable us to do so going forward. 89 online programs from 16 campuses are registered with NYSED. Of the campuses with registered online programs, SPS leads the way with 36, and John Jay follows with 11. Kingsborough Community College offers 10 online programs. These three campuses account for 64% of CUNY's registered online programs.

I share a snapshot of enrollment trends by modality and level with the caveat that these are semester-specific data and not necessarily indicative of a student's enrollment trend semester over semester. Some of the students would have been

enrolled in online degree programs, whereas others would have been in campus programs. In Fall of 2017, less than 1% of associate students enrolled exclusively in online classes, 6% enrolled in a mixture of online and in person classes, and over 93% enrolled in enrolled in-person classes only, 2% of baccalaureate students enrolled exclusively in online classes, 10% enrolled in a mixture of online and in person classes, 88% enrolled in an in person classes only. The notable exception to this trend was SPS, where nearly 93% of students enrolled exclusively in online classes. At the graduate level 5.5% of master's students enrolled exclusively in online classes, no doctoral students did so, 8.5% of master's students enrolled in a mixture of online and in-person classes with a double handful of doctoral students doing the same.

In fall of 2020, enrollments at all levels by modality were reversed with 96% of associate and baccalaureate enrollments exclusively online, and 87% of graduate enrollments exclusively online. Preliminary data for fall of 2020 show a trend toward more in person enrollments 63% Overall, but with exclusively online enrollments remaining

substantially higher than pre-pandemic: The Graduate Center at 68%, the School of Professional Studies at 97%, and the Graduate School of Public Health and Health Policy at 88% have majority fully online enrollments.

There were no significant differences in student demographics for fall of 2019 and fall 2021.

Overall, women were more likely to enroll exclusively in online courses at the undergraduate level. This is true at both the senior and community sector.

Black and Hispanic students were more likely to enroll in exclusively online or some online courses compared to white and Asian students. Older students tended to enroll in exclusively online courses at the graduate level, and to a lesser extent at the senior colleges.

All students, regardless of modality, have access to the online mental health resources provided by CUNY. Some campuses provide additional online counseling services via tele-counseling. Online students with disabilities access and secure accommodation through the offices of disability and accessibility by the same online format as on campus students.

With respect to issues faced by students and faculty participating in online programs, it is important to note that some were experienced more widely by faculty and students due to the pivot to remote instruction during the pandemic, and may not be specific to faculty and students intentionally participating in online degree programs. Identified issues mirror those experienced nationwide during the pandemic. Faculty identified issues such as lack of access to necessary equipment and technology, lack of timely IT support, lack of access to instructional designers with online expertise, and inadequate preparation to teach effectively in the online environment.

Students faced issues such as lack of high speed internet and adequate technology at home, lack of a quiet or private place to do homework, and uneven access to non-instructional support services, such as financial assistance, advisement, registration, Counseling and Career Services, and tutoring.

As we emerge from the pandemic, there is an increased focus on the role of online education across CUNY. The university has identified quality online learning as a foundational strategy upon which

it can broaden its scale, maximize its impact, and assist adult learners and historically underserved populations of New York City realize their full potential.

As I mentioned previously, my role is to develop and implement a CUNY-wide strategy for online education. As a critical initial step, we have commissioned a gap in occupational mapping analysis that will identify where additional online programs are needed to meet the educational needs of New York City. The analysis will examine all levels and disciplines across all CUNY colleges, and will inform strategic development of dozens of new online programs at the certificate, associate, baccalaureate, and graduate levels to enable students to progress smoothly online on their educational journeys. Ensuring that faculty are well prepared and supported to teach effectively in the online environment is a high priority. We have initiated a university-wide assessment of faculty professional development needs specific to online instruction, and will develop resources and learning opportunities to meet those needs. CUNY is committed to ensuring that online students at all campuses have access to

wraparound support services. To that end, we are undertaking a CUNY-wide scan to identify and address technology and resource challenges for students and faculty. Several CUNY offices are working on this including enrollment management, computer information systems, student success, student affairs, and academic programs and policy. Achieving the identified goals of rapid online program expansion, high quality online instruction and comprehensive student support services is as with most strategic initiatives dependent on funding. That said, I am confident that CUNY is well-positioned to make substantial strides in expanding its online degree program portfolio. Evidence of this commitment is the work of the individual campuses to increase their online program offerings. One notable example is Lehman College, now in the process of developing 14 new online programs.

Now you'll hear from my colleague Dr. Judith Cahn, Director of Online Education and Support at John Jay College of Criminal Justice.

DR. CAHN: Thank you. Thank you, Committee Chair Dinowitz, and members of the City Council Higher Education Committee for the opportunity to provide

testimony about online education. My name is Judith Cahn, and I'm the Director of Online Education and Support at John Jay College of Criminal Justice.

Online Education has been considered a method for democratizing education, providing access to education for everyone, anywhere, anytime. For those working full time or managing childcare, for our students who lead complex lives, juggling home life, work and health issues, we can offer opportunity that previously had been unavailable to them, and education that mirrors our on campus programs and its quality and rigor.

Providing such options supports our very mission at John Jay College to ensure education is just equitable and inclusive. John Jay offers several fully online graduate degree programs, asynchronous online courses that lead to a master's degree through John Jay online. This differs from the online courses offered at the undergraduate level. The John Jay online graduate programs leverage the well-known branding and unique niche of John Jay College in all areas of criminal and social justice. Since its inception in 2014, John Jay online has developed six fully online master's programs. In the past five

years, we have attracted over 1500 new students enrolling in our master's programs in criminal justice, international climate justice, human rights, security management, emergency management, and public administration. Total enrollments for the past five years or over 3000 students. 40% of new graduates in fall 2022 are in online programs, and the withdrawal rates remain under 4%. The courses in these programs are taught primarily by faculty who teach on campus. The Graduate Admissions Online Enrollment Advisor and the John Jay Online Student Services Manager advise the applicants and our students with understanding and sensitivity specific to online learning. They ensure our students remain connected with the college through their online studies through various communication methods. Our Blackboard Learning Management Team supports our faculty and students with technical issues. New students in online programs complete an orientation to learn about the system, so the technology is not an obstacle to their educational experience.

For the year 2021, over \$2 million in revenue was realized from the online graduate programs, which may also be attributed to COVID pandemic issues, and the

fact that we offer studies that attract first responders and others who were and continue to be on the frontlines. It is additional revenue for the college that we would not have had if we were only a brick and mortar institution.

In addition to our graduate initiatives, we have seen tremendous growth in the number of students who register for online courses on the undergraduate level. Before the COVID pandemic in 2019, 22% of all undergraduate and graduate courses were online. This fall 2022, 35% of our courses are fully online, as we build them continue to build the infrastructure to support rapid growth in these programs and online course offerings. Our focus has been to ensure our efforts are student-centered. The online program development team includes experienced instructional designers and multimedia specialists who collaborate with faculty to bring best practices in online teaching, guided by the online course quality rubric developed at SUNY and adopted by the Online Learning Consortium to ensure students are engaged in their online learning experiences. This includes being sensitive to ADA compliance in the online design, to ensure education is truly accessible. Our Office of

Accessibility Services works to support students with disabilities with assistive technology needs. Our Department of Information Technology provides laptops and hotspots for students in need. We've implemented an online excellence project where instructional designers collaborate with academic departments and faculty to develop quality model courses for undergraduate online courses with high enrollments that can be used each semester for multiple sections. The course is designed to incorporate activities and assignments to promote student engagement and to differentiate instruction for all types of learners. The online excellence project will impact over 85 courses by the end of this academic year, and this in turn will translate to improving the online learning experience for 1000s of students.

In addition to the credit-bearing online courses, the John Jay department of Professional Studies with the Department of online education, developed and have offered noncredit Professional Studies online courses, including investigative psychology, the Department of Corrections Captain's Exam Prep, an ADA advocacy program, Introduction to grant writing, and foundations and Professional Writing. All successes

are accomplished through partnerships at the college, and we continue to collaborate CUNY-wide to make online courses work addressing online student needs as well as professional development needs for faculty. We focus on how the student interacts with the content, the instructor, the other students, and the students support teams work to keep students connected with the college. Policies and protocols are addressed on an ongoing basis at the college level and throughout CUNY. Collaborating with university peers through the CUNY committee on academic technology, and other committees. We work through issues of governance, intellectual property compliance, security, and FERPA, new learning technologies quality assurance and assessment. And as we expand our online initiatives, we keep in mind the variables for a successful online course or program. The course must be well-designed online course according to quality standards. Students need to feel a depth to the learning management system and understand expectations for success in the online environment, which we accomplish the orientation workshops and advisors. Students complete orientations to acclimate them to the learning

environment and to introduce common online instructional methods.

The self-efficacy and confidence of instructors in the online environment are important variables for faculty to facilitate online student learning effectively. We've offered numerous workshops with faculty, and in 2021, we were named winners of the Blackboard Catalyst Award for Training and Professional Development, which honors those who use Blackboard to support and enhance the faculty and staff professional development. Our effective practices and online teaching workshops certified over 340 faculty during 2020, and that's in addition to the many faculty who completed the Online Teaching Essentials Workshop, run by the School of Professional Studies also an award-winning initiative. We support faculty through course design consultations, webinars, instructional video design and production, monthly newsletters replete with resources, an online education website, and the All Things Online podcast.

For some, the online teaching environment has been a complete paradigm shift. The instructor is no longer a sage on a stage but more of a guide on the

side. And while many acquired new skills during the pandemic, we need to distinguish between Zoom remote teaching, and asynchronous fully online courses and programs. More development opportunities are needed to help faculty make this shift. It's also critical to ensure that students feel a sense of community and connected with the college. Support opportunities are available online through the library, the Writing Center, mental health center and other student services center. Students can request appointments online, email, or virtual front desk, and John Jay recognizes that the online student is an integral member of the community.

But we are addressing some administrative challenges about online learning as well, such as defining the term online education at assessing outcomes. The term online education is a large umbrella and includes various forms of technology-enhanced education. During the pandemic, for example, faculty were trying to replicate their on-campus courses online through web conferencing tools such as Zoom to conduct remote classes. Others tried hybrid forms using Blackboard plus synchronous Zoom sessions. Others worked on developing asynchronous

courses on Blackboard, which we encouraged in the workshops. And when CUNY introduced a partial return to campus, we were focusing on hybrid models and some CUNY colleges piloted HyFlex.

While we plan to examine comparison data between online and on campus to inform our future planning, we hesitate to do so just yet. It is premature to draw conclusions based on pandemic times data with CUNY students who were disproportionately affected in terms of family health, and employment factors, many of whom are frontline workers. However, some pre-pandemic data may enlighten.

So examining data from the years 2014 to 2019, it revealed that the demographics of students who take courses online closely resembles our total campus demographics: 63% of our undergraduate students who take online courses are between the ages of 20 and 24, the male use of online courses, grew slightly faster than female use. Online course taking has contributed to a larger number of credits taken, not to a different distribution of credits taken. Out of over 3000 students to graduate with a bachelor's in 2018, 41% had taken four or more courses online toward their degree. And there were differences in

outcomes between online and on campus students, but the gap between in person and online drop, fail, withdraw, and incomplete rates is shrinking at both the graduate and undergraduate level. I've attached charts to provide you with more detail. Recognizing the outcomes discrepancy in 2019, the original mission of the Department of online education to support graduate students expanded to support undergo gradual online education and improve the quality of the undergraduate online courses. Faculty Development programs began just prior to the COVID Campus closure, when we worked to support the campus effort to shift online. It was the impetus to develop the award winning workshop and pursue the online excellence project as described.

Also related to the issue of analytics, establishing definitions about various modalities of courses, and the appropriate coding of them within CUNY First, to extract accurate data is in progress. But our ongoing emphasis though, is on offering quality education regardless of the method of delivery. As more students enroll in online courses, we are mindful that we need to maintain and add support systems. I want to clarify, though, that

more students enrolling in online courses does not mean that more students are added to the same section of an online course. Rather, we adhere to the enrollment caps for online courses. Therefore, additional course sections would be open and faculty would be added.

Looking forward, John Jay College plans to create an undergraduate completion degree in criminal justice so that students in CUNY's Justice Academy, who began their criminal justice degrees at BMCC or Queensboro Community College Online can complete their degrees online at John Jay. It will be our first undergraduate degree completion program.

There is little doubt that there has been a seismic shift in the higher education landscape nationwide that began before the pandemic and has now been accelerated by it. But quality education is quality education regardless of the method of delivery, with a greater understanding of the benefits of offering options for accessing education, through various modalities of learning, supporting Online Learning at the college and the university helps us to meet the needs of all New Yorkers by providing them with opportunities to connect to our

college and to higher education. Thank you for your continued support.

I now turn it over to my colleague Tracy Meade.

MS. MEADE: Tracy Meade. Good morning Chairperson Dinowitz and members of the Higher Education Committee. Thank you for the opportunity to testify before you on this important and exciting topic of CUNY online programs. My name is Tracy Meade and I am the Senior Associate Dean for Strategy and Innovation at the CUNY School of Professional Studies, CUNY SPS for short. My testimony will focus on CUNY SPS, which in 2003 was established by the Board of Trustees of the City University of New York to meet the educational needs of working adults. This morning I am joined by CUNY SPS student, Jamie Lerner-Brecher, a graduate student in our online master's in disability studies program.

In 2006, CUNY SPS offered the first fully online degree program at CUNY. Today we offer 25 fully online degrees, 13 undergraduate, and 12 graduate programs. I'll make a quick note here that the 36 cited by Kim is accurate. But there's a way in which we register our nursing programs at the state that increases the count because we have some accelerated

programs, but this is the student-facing number that students see on our website.

As I noted earlier, CUNY SPS was established to serve working adults. Our online undergraduate degree programs are designed to serve a transfer-only student population. That is our bachelor's degree programs enrolled students with some college credits, but no degree. This is a significantly under-enrolled population in New York City. According to 2020 US census data, there were 1,190,000 people over the age of 25 in New York City with some college but no degree. The population was some college but no degree speaks to our school study enrollment growth. In the 2017-18 academic year, we enrolled 1554 bachelor's degree students and 596 master's degree students. In 2021-22, we enrolled 2441 bachelor's degree students and 1119 master's degree students, for a 66% increase in enrollment in our online degree programs over this five-year period. Please note that I have provided year-over-year enrollment numbers and other data broken out by degree programs on the final pages of my testimony.

As the census numbers show the need for the university to expand its online programming to reach

even more working adults with some college and no degree as well as high school grads without a college degree is an enrollment imperative. Our alumni base has grown to an academic year 2016-17, 249 students graduated with bachelor's degrees and 100 with master's degrees. Five years later, 625 students graduated with a bachelor's degree and 309 with master's degrees. Over 3000 online students graduated from CUNY SPS in this five-year period. A snapshot of student demographics and CUNY SPS online undergraduate degree programs follows: 33% are black, 28% White, 22% Hispanic, 16% Asian or Pacific Islander, and 0.3% American Indian or Native Alaskan. 2% of our online undergraduate students are 20 and younger, 45% between 21 and 30, 34% between 31 and 40, and 19% are over 41 years old. 72% are women. 66% are enrolled part time (the highest percentage of part time undergraduate students in the university), 75% reside in New York City, 11% in New York State, and, 14% reside outside of New York. The majority of our undergraduates work full or part time or serve in the military.

A snapshot of student demographics in our online master's programs follows: 45% are white, 27% black,

COMMITTEE ON HIGHER EDUCATION

34

18% Asian or Pacific Islander, 11% Hispanic, and 0.2% American Indian or Native Alaskan. 40% are between the ages of 21 and 30, 32% between 31 and 40, and 29% are over 41 years old. 68% are women, 95% are enrolled part time, 60% reside in New York City, 16% in New York State, and 24% reside outside New York.

I'll now turn to our students, their needs, and the innovations and departures from traditional undergraduate program that characterize CUNY SPS's commitment to access and success for adult online learners. I will focus my time on our undergraduate students.

Online access and success, Jump Start: In addition to our traditional admissions application process, we took note of the number of applicants denied admission because they did not meet the school's cumulative GPA requirement of 2.5 or better. Many of our students have been out of college for years their transcripts a relic of a former self, and many dipped in and out of college attending multiple colleges with mixed academic success and no sense of their cumulative GPA. To be responsive to working adults who believe their prior GPA does not reflect their present academic potential, we developed an

alternative performance based application called Jump Start instead of focusing on traditional academic requirements and a threshold GPA, our alternative admissions approach allows applicants to create a portfolio to demonstrate the college-level skills and knowledge they have developed in college and importantly for working adults in the workplace. In areas such as leadership research, technical skills, professional writing, and languages.

Disability Services: CUNY SPS is committed to providing a safe and equitable environment for all our students, including disabled students. Our electronic case management system allows students a seamless online interface to register with the Office of Student Disability Services, securely upload disability documentation, make appointments to meet with staff, and request accommodation letters. As a fully remote operation, OSDS engages students in determining individual accommodation plans, provide students with assistive software, alternative format textbooks, one-on-one support services, and distributes hundreds of accommodations letters to faculty each semester. Relatedly CUNY SPS has three online degree programs focused on disability studies,

the first such programs in the nation: Disability Studies VA, disability studies MA, and Disability Services in higher education, MS. In addition to bringing to our school a heightened awareness of the importance of designing accessible courses, events, and community spaces, these programs have drawn and recruited students, faculty, and staff who themselves have disabilities. As the home of CUNY's disability studies academic programs, disabilities culture, and accessibility are woven into the fabric of CUNY SPS.

Counseling services: At CUNY SPS, online students have full access to all of the Office of Counseling Services free and confidential mental health support services via telephone and video telehealth platforms. The licensed clinical psychologists at CUNY SPS offer the direct clinical services that typically form the core of campus-based mental health care: consultation, crisis assessment and intervention, short term psychotherapy, and when needed, customized and supported referrals. The provision of mental health service via telehealth remote barriers, like transportation time and cost that prevent so many students from accessing mental health care.

Credit for Prior Learning: CUNY SPS understands that knowledge gained outside the classroom is extremely valuable. As a result, we offer a number of credit for prior learning opportunities that make it possible for students to earn up to 45 college credits from portfolio evaluation, examination, non-collegiate learning, and corporate and military training. CPL is one reason why CUNY SPS received the prestigious Adult Learner Impact Award from the Council for Adult Experiential Learning in 2019. This annual honor recognizes member institutions that have shown an outstanding commitment to the expansion, access, and quality of lifelong learning opportunities and academic programs for adult learners.

Information technology: The CUNY SPS Office of Information Technology provides live technical support for students, faculty, and staff. Students can request technical assistance via telephone or email. To meet the needs of students engaged in online degree programs, there are direct links from every course to support services. Courses are built on a standardized design so that students have a

consistent interface for quick access to services of all kinds, including tech support services.

Another critical component of student success at CUNY SPS is access to live, online, 24/7 tutoring. Students engaged in online degree programs at CUNY SPS have access to tutoring services through tutor.com.

And now for a couple of recent initiatives: CUNY SPS Black Male Initiative and SEEK an academic year 2021 CUNY SPS was awarded its first Black Male Initiative Grant, marking the inclusion of working adults who study part time and online into the CUNY BMI portfolio. Another breakthrough this year is the launch of our online SEEK program. As with the Black Male Initiative, we intend to demonstrate that these important university programs can support the success of online adult learners, as well as the traditional freshmen at CUNY's Baccalaureate colleges that have long been the beneficiaries of these programs.

Food Access Initiative: We launched the first fully remote program in CUNY to address food insecurity, the CUNY SPS Food Access Initiative. Since its inception in spring 21, we've granted 1499 awards to 691 students. We know from the student's

USDA adult food security survey, that these \$50 microgrants are critical to the well-being of our students.

This has been a slice of what we do. And I should mention that for the second year in a row, CUNY SPS has been named in the top 10 of US News and World Report's list of best online bachelor's programs nationwide. CUNY SPS is an innovative and continually evolving school meeting the needs of working adults who want to finish what they started, and come to us for the flexibility offered by online programs. I invite you to visit our school.

Councilwoman Brewer did a few years back in her role is Manhattan Borough President. John John. Right on.

Thank you to the Higher Education Committee for the opportunity to share with you an overview of the university's commitment to serving adult learners through CUNY SPS is online programs.

Now you will hear from CUNY SPS student Jamie Lerner-Brecher.

CHAIRPERSON DINOWITZ: Yeah, and before you begin, I think you give her a shout out the perfect

time we've been joined by Councilmember, Former President, Gale Brewer. Thank you.

MS. LERNER-BRECHER: Hello, I'm Jamie Lerner-Brecher. I'm a master's student. I'm finishing up my degree in the Disability Studies Program. And I served on University Student Council last year as the Co-Chair of the Disability and Mental Health Committee, and the Vice Chair of the Academic Affairs Committee.

First of all, thank you so much for allowing me to speak today. It's an honor to be here. Councilmember Brewer, it's lovely to see you again. I'm sure you don't remember me, but I remember your staunch support for the arts and education from my days as a member of the Young People's Chorus of New York City.

Like millions of other people in this country, I'm disabled and considered high risk during the ongoing COVID-19 pandemic. With complete confidence, I can say that I'm only in school because of CUNY SPS's online degree program. The classroom is just not a safe place for me right now. My experiences of accessibility, opportunity, and staff that goes above and beyond for their students at SPS might only be

the tale of one person, but I know I speak on behalf of the many disabled and non-disabled students I've interacted with in my various student leadership positions, as well as the mere Read of high risk people who have felt excluded from traditional higher education.

Throughout the pandemic, I've felt extreme isolation. Increasingly so, as most people have dropped the precautions that keep me safe. Yet CUNY SPS's online MA program has provided me with a lifeline into the world, both socially and academically, and has given me a sense of purpose and community. Because the program is online, I've immersed myself in both student life and academic opportunities that I physically couldn't do as an in-person student. For example, I participated in multiple eight hour meetings on the search committee to help find a new dean of SPS. Due to my disability, I physically cannot sit up or concentrate for eight hours at a time. But on a Zoom meeting, other people didn't know that I was lying in bed with my feet on the wall. Back-to-Back meetings with the CUNY Board of Trustees and the ADA 504 committee, no problem. No inaccessible subway stations to slog

through, or running from building to building, I simply clicked a link. I could fully utilize every resource at my disposal, because I had the time, energy, and access, thanks to the online nature the program. Which leads me to my next point: I cannot understate how helpful the close and consistent communication from both Student Services and the Office of Disability Services has been. As a student with a learning disability, I require quite a few academic accommodations. However, many of those needs become obsolete in an online environment that already utilizes universal design. At Columbia University where I got my bachelor's degree, the head of Disability Services once told me that she spent nearly 50% of her job coordinating classrooms and physical exams for students with extra time. Without this task, the Office of Disability Services in an online program can spend significantly more time meeting student's unique and individual needs. At SPS Disability Services manages to respond to requests with the speed I have not witnessed elsewhere, and I've attended four universities. The same is true of student services, because they don't have to constantly track down classrooms to hold

events in, something that takes an unbelievable amount of time and money in a city with a shortage of space, they have more time to help students and get to know them personally. When I offhandedly mentioned that I had an idea to provide disability training to staff and faculty, staff from Student Services, Disability Services, and the 504 ADA committee all reached out to me independently to try to help turn that idea into a reality. They had the resources to assign me someone in Student Services to help me write a grant to fund the project, which I ultimately won. This type of individualized services is simply unmatched.

Right now, disabled people who have historically been excluded from university education and drop out at an unbelievably high rate -- nearly 71% -- face additional barriers to higher education. Many cannot take public transportation without fear for their health and safety. Now, more than ever, online degree programs have the capacity to create unprecedented access and opportunities for millions of people, disabled and non-disabled alike. CUNY exemplifies accessible, affordable and high level

online degree programs. And I truly hope the city continues to invest in them. Thank you very much.

CHAIRPERSON DINOWITZ: Thank you, I want to thank you first for you know, sharing that you have a disability. I think you simply being here and saying that out loud is very helpful to a lot of students, you know... you know, as young as kindergarten through adulthood, who very often, you know, don't... and I've seen this in the classroom in high school, where students didn't often want to recognize that they had a need, and I think by you recognizing it and saying out loud, saying who you are, is... is... that alone, I think is helpful. And I thank you for sharing some of the challenges you face as someone with a disability.

And so I want to start with disabilities. And I'm very pleased to hear all the services and the way you've engaged with... with CUNY on that. And I heard a lot in the testimony about access. And by the way, we've been joined by Councilmember Feliz. I would add by the way, CUNY Graduate... CUNY... 2 CUNY adjunct professors, so you got a lot of CUNY in the room right now. I keep hearing the word access. And this was one of the challenges... as I said in my

opening statement, it was a real challenge to do online learning. It was often hard to... on a computer identify the challenges that students faced. And recognizing that you have great self-advocacy skills. This is obviously something you've been doing for a while and are very successful at winning a grant. There are many students who either may not want to kind of, you know, tell themselves they have disability, they... I've heard phrases like, "Oh, well, I'm over that now that I'm in college," or just maybe don't know how to access Office of Students With Disabilities, and often need the recognition of a professor or a teacher to be engaged in those services. That's something that I recognized at the high school level, and it's something that I know is recognized in the college level, as many presidents have, you know, told me that, when I said, "How do students access disability services?" And what they say is a professor will often notice a student in class doing X, Y, and Z, or not doing X, Y, and Z, and it was the same thing for mental health services, it was the same thing for food access when they would notice a kid coming... And I apologize, 14 years in a classroom, I'm used to calling them kids, I mean,

students, because they're mostly adults now. They noticed a student with their head down, or a student kind of fatigued, which would lead them to think that there's hunger or there's mental health need or there's learning disability.

So my main question is, first, how online is CUNY prepared to not just offer services, but identify those who need services, especially if they have a disability, but also if they have a mental health need, recognizing that there's not that same personal interaction online.

MS. LERNER-BRECHER: I can start. Um, so one of the things that CUNY SPS does an amazing job with is that it's very devoted to universal design. And thinking about universal design is that it's completely... the whole point of it is designed, so there is few needs to get accessible... to get services as possible. So if you don't offer an exam, a timed exam, somebody who has time and a half isn't going to need it.

CHAIRPERSON DINOWITZ: I'm sorry, I should have clarified. I'm sorry. Speaking, because... because you heard in testimony, and I think it was in your testimony too, often we think of, you know,

disabilities in the physical sense, you need a ramp here. I think that's often how they're perceived, which is also true, but um, I mean in, let's say, a learning disability, something that... So please continue.

MS. LERNER-BRECHER: That's exactly... yeah. So it's universal design in higher education. And so when you design things that you assess, you have multiple means of assessment, you have multiple means of learning, you're integrating that into the curriculum already.

The other thing is, is that because CUNY SPS has such an amazing Disability Studies Program, it is completely integrated into teachers, into the professors, and they are able to recognize it very well. But the thing is about having a disability or some... as somebody who has a learning disability, you really can design an education to have as few accommodations as possible. I also want to say that there's, as you guys probably know, there's the CUNY Coalition of Students with Disabilities CCSD, and they do a lot of self-advocacy work. And they do a lot of work with students with disabilities, to try

to get them to use the services, even the ones that don't want to. But a lot of its built in already.

CHAIRPERSON DINOWITZ: I really love... I think this is the first time in a higher ed hearing, or in any education hearing I've heard anyone use universal design. And I love it. And so it sounds like SPS is really engaged in that building from the bottom up, but recognizing that, you know, we all jumped into online learning, and this this will get to a second question I have, but: How is that being modeled? How is that being used as a model for let's say, the under... more the undergraduate degrees, and the community colleges? And how is it integrated to the... to the training that the staff receives... faculty receives?

DR. SIEGENTHALER: Thank you for that question. And this is an area that is part of my scope of work, and our broader and deeper, more intense focus on online education across all CUNY campuses, to institute standards of quality, which includes universal design in all online classes. So are we where we want to be? No. Are we going to get there? Yes. Because we are going to be very intentional about that. And... and part of the work that my

colleagues here have talked about what they're doing on their campuses, is the model that we're going to adopt across all the colleges to ensure consistency for all of our students regardless of the level of program or the college at which they're enrolled.

CHAIRPERSON DINOWITZ: Thank you. Go ahead.

DR. CAHN: If I may add.

CHAIRPERSON DINOWITZ: Please. Please.

DR. CAHN: It does... It does speak to a lot of the issues related to faculty development as well. You know, we... we emphasize universal design in our faculty development. We incorporate it. We... I also mentioned in my testimony that we are very mindful of the ways that a student connects online. They don't just connect to content, they connect to the instructor and they connect to each other. And so that's the issue, is the instructor presence and how the instructor is connecting with the student. We're very mindful of that. And we... And we incorporate that piece also within the faculty development, but more is... definitely more is needed, and... and we will continue to do so.

CHAIRPERSON DINOWITZ: Are you developing --
Okay, I'm going to use like, another education term,

but -- a rubric? So for the... Because, again, you know, and part of this is... It feels as though, and you can correct me, but a lot of the courses are just extensions of what was created, as... as it was in the testimony, and you said, we flipped over to... you know, all the all those numbers flipped during the advent of the pandemic, and that some of these online courses may just be extensions of that, or maybe they're kept in place, that were online courses that we flipped to in 2020. And we just held on. But is there a rubric that is being used to assess whether that universal design exists and whether those best practices are being met?

DR. CAHN: And that's... that's what I did speak about. We have, you know, the Online Excellence Project where the faculty, with instructional designers, are developing the courses, and the instructional designers are guided... we are all guided by the... what's called the Online Course Quality Rubric. There are about 50 variables, and incorporated is universal design. So, yes, we are guided by a rubric. Absolutely.

DR. SIEGENTHALER: If I could speak to that, as well. So we have a mix, where we have established

online programs such as what... yes, Judy and... and Tracy have talked about... those... the courses within those have been designed using these rubrics, using quality matters standards using... totally committed to a quality online learning experience for students. During COVID, there were -- as we talked about -- many, many, many courses that had to be converted on the fly to what we call remote instruction. Those were not developed broadly with the same set of standards. And so part of our work now is to go back and review those courses and determine which are not up to that quality standard, and beginning revision of those courses to again have consistency across the board.

CHAIRPERSON DINOWITZ: Is that something that's the responsibility of each individual campus? Or is there sort of a CUNY-wide group or team who's kind of independently looking at these courses?

DR. SIEGENTHALER: Yes, and yes.

CHAIRPERSON DINOWITZ: All right, two levels of accountability.

MS. MEADE: I wanted to add one thing, Chairperson Dinowitz.

CHAIRPERSON DINOWITZ: Please.

MS. MEADE: Having grown up with a disabled brother... severely disabled brother, I wanted to make note of what I said before about the disability culture and accessibility. It's... It's a real joy to work at CUNY SPS. I've never been at a higher education institution that centers disability in the way CUNY SPS does. And I think if you ever want to visit, we'd welcome you, and we could, you know, share our experience, both faculty, staff, and students with how that culture has been built.

CHAIRPERSON DINOWITZ: I'd love... only if Councilmember Brewer comes to the tour with me. I think... You live there, right? I think?

MS. LERNER-BRECHER: May I add one more thing?

CHAIRPERSON DINOWITZ: You may add as many things as you want.

MS. LERNER-BRECHER: So this is exactly what my grant project is working on too, that CUNY was very excited to fund, is it's creating, implementing, and assessing the results of disability training for professors. And it's working with Lydia X. Z. Brown, who's one of the leading scholars in this, as well as Professor Sheryl Burgstahler Burke scholar who's probably the leading expert in the US on universal

design in higher education. And so this is something, when I brought it up as an idea, CUNY jumped out and gave me a grant for. And so this is something that not only are they doing a really good job of, they're actively trying to improve as well.

CHAIRPERSON DINOWITZ: Thank you, and I just want... You know, and it's and it sounds like SPS is really doing its work, really involved, and very meticulous about it. And I you know, my concern is that it's CUNY-wide.

I just have one other question with data, and I... You know, I want to thank you, I think there was a lot of data that we requested that you were able to provide. And now just, and this will be the last thing about disabilities. And I want to give my colleague Councilmember Brewer an opportunity to ask some questions, and then I have a, you know, a bunch more. But do you have data related to the number of students let's say at SPS, online or in person who received or applied for accommodations, versus the four-year versus the two-year... two-year colleges? Am I my purpose in asking that is just to see, you know, what that... If there's a distinction, if students are kind of falling through the cracks when

it comes to receiving accommodations and understanding that there's more flexibility in online and there's... you are starting to build universally designed curriculum for... for these online courses? But also the data related to that, especially for community colleges, does it does that data exist?

MS. MEADE: Yeah.

CHAIRPERSON DINOWITZ: Okay.

MS. MEADE: We'd have to follow up on your question to get specific data.

DR. SIEGENTHALER: Not at a university-wide level, for the reasons that I identified earlier, where we've not had historically a consistent approach to identifying online programs and online... and students who chose to pursue a credential in a fully online format.

CHAIRPERSON DINOWITZ: Right. But I think you said going... I want to make sure it's yours...

DR. SIEGENTHALER: Going... going forward. We will, but we don't have any historical data.

CHAIRPERSON DINOWITZ: I think you had said in your testimony -- and I don't want to miss misquote anyone, and I'm not going to find the testimony.

The... Yeah, the so the gap and occupational mapping

analysis. So that's to identify where additional online programs are needed, and meet the educational needs of New York City. So does that... As part of that program, include assessing the sort of impact and effectiveness for students with disabilities? Is that is that kind of part of that?

DR. SIEGENTHALER: No. It's really... It looks at market need, and it looks at what the educational... in terms of qualification for employment. It's really looking at those kinds of educational needs, not the specific individual student needs or disability needs, but it's really looking at a... at an identification of where do we need additional academic disciplines represented online?

CHAIRPERSON DINOWITZ: I'm going to invite you back next month to talk about... to talk about that at our workforce development hearing, which is next month. October... I'm going to say the 20th. But... But would CUNY consider... You know, I think more data is good, and the data you provided today was great, and very helpful. In the past, there has been other gaps in data. Would CUNY consider assessing the needs of the students with disabilities as part

of that, and not just the needs of New York City, which is so vital -- and I love that CUNY is really answering that question, "What does New York City need? -- but assessing the outcomes? And, you know, whether it's through employer survey, whether it's through credit accrual, and of course, including that is students with disabilities, and, you know, graduation rates and their success. Is... Are the students who are engaged in these online programs as successful as students who are in the in-person-only, or in the hybrid models? Is CUNY... Would CUNY consider including those sort of metrics as they develop this... these two programs?

DR. SIEGENTHALER: Absolutely. I mean, outcomes are everything. So if you're not getting the desired outcomes from your... your efforts, then you need to change your efforts. So we will be monitoring all of those... those kinds of things. It's going to take a while for us to have useful data, because we're going to be building a number of programs. We're still coming out of COVID. We have numerous courses to redesign. But yes, looking at the... the outcomes... the student learning outcomes, the graduation rates, the persistent rates, the employment rates of

students and on ground and online programs is... is central to our efforts.

CHAIRPERSON DINOWITZ: Yeah, and that's, I think, central to our role here in The Council, too, which is, you know, ensuring that the programs that we're supporting... or we're funding -- and I'm here with the Chair of oversight, which is great -- that they are effective. So I think that's... And I think the state would have the same... you know, the same interest in ensuring that these programs, which sound wonderful, right?, making this this new online learning work ensuring students with disabilities get the services and that they're meeting the needs of New York City, that they're actually effective.

I'm going to turn it over to Councilmember brewer for some questioning and then I have another round of questions.

COUNCILMEMBER BREWER: Thank you very much. My day with John Mogulescu at SBS was very special. There were like four students, they were all phenomenal. And of course he's... I guess he's the Godfather of SBS, and the Godfather is ASAP, and you know the godfather of all of us. We're all great, but I don't know, he's my hero.

So a couple questions. Just... The... We visited before the pandemic. So it was way before. Did the Department of Education -- and maybe you asked this already -- ever call you for assistance?

No? Is that the answer?

In other words: Pandemic arrives. They have no idea what to do, and you know exactly what to do. They never called you to say how does your school operate? Maybe we could actually learn something from you?

DR. SIEGENTHALER: I don't I don't know that any of us has total knowledge.

COUNCILMEMBER BREWER: Yeah, but you would have been the persons to call. Yes. Okay.

DR. SIEGENTHALER: Well, so... Just...

COUNCILMEMBER BREWER: I know you're trying to be nice.

DR. SIEGENTHALER: I'm in my seventh week at CUNY.

COUNCILMEMBER BREWER: Okay.

DR. SIEGENTHALER: So there's an immense gap in my historical knowledge. And so... um...

COUNCILMEMBER BREWER: But even now, as they are setting up apparently, and to their credit, some

online capacity for students who don't want to be for whatever reason in person, they... In the last seven weeks, they haven't called you. The reason I say this is that DOE should call you, because you have a model that works. So maybe you should reach out to them, since they can't figure out how to call you and say, "We have a model that works," and it's something to think about. Because they really don't know what they're doing. Just FYI.

And then I just want to pick up on what the Chair was asking: How does one go about... Because you have a success. There's no question about it. So the question is: I know you're in the process of evaluating it. Can you just describe a little bit more? I know you talked about it. But that's so important, because... Then also, are you doing any kind of intellectual property? In other words, getting paid for your success by other universities around the country? Or even DOE could pay you. That would be an idea. So just... just to talk a little bit more about how you do the evaluation? Because that is the key to all of this, I think. How you're going about evaluation of the amazing success.

DR. SIEGENTHALER: That is a complicated question.

COUNCILMEMBER BREWER: Well, just a little bit about it. So.

DR. SIEGENTHALER: Yeah. I mean, right now, we are really in the process of understanding the baseline of what we have...

COUNCILMEMBER BREWER: Right.

DR. SIEGENTHALER: ...because we've not historically done that institution-wide.

COUNCILMEMBER BREWER: Right. I heard you say that to the Chair.

DR. SIEGENTHALER: Right. And so as... as part of that work, as we identify what we have, and then we're looking too at assessing what the resources are, and where the success stories are across the campuses. So as you well know, we've got... we've got two of those here, drawing on their expertise and what they've been doing well, to amplify and expand that across the campuses so that we're not replicating, or duplicating, or replacing what's already working well. We're magnifying and amplifying that so that we benefit from the expertise.

We're really very, very early in the process of both identification and assessment. But in tools, of those... those metrics that we'll use, we'll be using the OSCQR... OSCQR is the acronym for SUNY and Quality Matters. Some of those that are nationally recognized standards around course design, course delivery, too... You know that... that'll be the starting point for how we look broadly at what's happening, and then creating those additional standards institution-wide, that then we begin to hold the campuses accountable for.

COUNCILMEMBER BREWER: Okay. So will you be doing this, or an outside evaluator, or another entity at CUNY? Who would actually be doing this? I know it costs money sometimes, so that's why I'm asking... concerned.

DR. SIEGENTHALER: Yeah, it costs money. And it'll... it'll... That may depend. We are... You know, that is part of our strategic plan...

COUNCILMEMBER BREWER: Okay.

DR. SIEGENTHALER: ...and determining the pace at which we can cover all this ground with our internal capacity as... as opposed to outsourcing some of it. It may be a mixture of things.

2 COUNCILMEMBER BREWER: Alvin Bonilla was the
3 Deputy Borough President who toured with me. He's
4 now number two at the Fund for the City of New York.
5 The Fund for the City of New York. You get what I'm
6 saying?

7 DR. SIEGENTHALER: Yes.

8 COUNCILMEMBER BREWER: Okay.

9 DR. CAHN: I do... I do want to make a
10 distinct... you know, a distinction here, just a
11 clarification. I think Chair Dinowitz, if I may,
12 when you were talking about your frustrations with
13 teaching, you know, with... with assessing the
14 student online: I do want them make a distinction
15 between like a Zoom session, a Zoom demo class versus
16 a fully online course when we're talking about the
17 OSCQR, and rubric, and Quality Matters.

18 COUNCILMEMBER BREWER: You're talking about the
19 courses.

20 DR. CAHN: Because they're different designs.
21 And the Zoom class is more of a remote class
22 teaching, versus the intentionally designed
23 asynchronous course, where a student navigates
24 with... with the... with the guidance, of course, of
25

the professor, where the student navigates through the course online 24/7 anytime.

COUNCILMEMBER BREWERS: I'm not talking about the courses.

So the other thing is just technology, which... How have you found it has to be restored? In five years or less? Or how... I mean, I know that you started out with excellent tech, but how does it work for the student? For the family? For the... et cetera? You've got... You know, we've got lots of issues DOE is dealing with? So what are your experiences with the tech? Does it change? Do you... Are you able to keep updated? Does it work for the students? Et cetera. Are there no issues at all maybe?

DR. SIEGENTHALER: Do you want to talk about your... how it's working on your campuses? Yep?

MS. MEADE: I should say that during the pandemic, we purchased a lot of laptops, and had a laptop loaner program for students to make sure that students who couldn't afford a laptop had access to one. Demand was very high. And we continued to purchase them. We've had significant supply chain problems...

COUNCILMEMBER BREWER: You've had what problems?

MS. MEADE: Supply chain problems...

COUNCILMEMBER BREWER: Supply chain problems.

Yeah.

MS. MEADE: ... but we were able to provide our students with them. But there were some delays in getting the staff and faculty laptops because of supply chain issues. I know the university is pursuing a new learning management system.

COUNCILMEMBER BREWER: A new what?

MS. MEADE: A learning management system. Kim can... can speak about that, an upgrade from Black Board. But we have a terrific IT director, and I feel as if the campus is always acquiring new tools. I think syncing the tools is that internal challenge that we have to make sure we're not replicating purchases or under-using particular tools that we purchase.

CHAIRPERSON DINOWITZ: I'll do the second round. I just have a not just... I have a bunch of questions. But I have a question around the... some finances, but I'll start with, like, the student end.

I've spoken with some students in my district who have struggled with there's... there's a technology

fee that students have to pay, \$250? Yeah. And is that the same technology fee, whether you're in person, or fully remote? Everyone? Every student pays?

MS. MEADE: I think a student pays the tech fee at every campus. Yeah. We can find out if they're going to...

MS. LERNER-BRECHER: I think they're planning on lowering the Student Services, because there's a tech fee. I think they're planning on lowering it. That's what I've heard through the grapevine. But I can't say that for sure.

CHAIRPERSON DINOWITZ: Oh, I love I love rumors. Don't worry. You're not under oath. You can...

DR. CAHN: We'll verify that.

CHAIRPERSON DINOWITZ: Right. Because, you know, the cost on the student end, you know, recognizing that high school is different than graduate school or the School for Professional Studies, college in any degree. My students who are at a severe disadvantage, because many of them didn't have, you know, the TI-83 The TI-84 at home, or didn't have the same technology at home that other students may have needed. They literally need this calculator to take

the test and... and so can you talk a little more:
CUNY provides laptops or technology to every student
who needs it? What's... What's the threshold? How
does that work?

DR. CAHN: Well, at John Jay, if they request it,
if they demonstrate a need, they... they get a
laptop. In some cases, they actually lent them
hotspots because they didn't have access to... to the
to the network, to the Wi-Fi.

CHAIRPERSON DINOWITZ: And that's at a cost to
the university? Or is that... Is that some sort of
federal grant for that?

DR. SIEGENTHALER: Judy, was that COVID specific?

DR. CAHN: That was COVID specific during that...
but then there are...

CHAIRPERSON DINOWITZ: Can you just make sure to
talk into the microphone, because I'm sure online
people can't...

DR. SIEGENTHALER: Sorry. I was asking her to
clarify whether those measures were COVID specific,
or they're continuing post-COVID, because in some
cases colleges did certain things because everybody
needed the technology. And in some cases, those
stopped or continued sometimes because of the

2 availability of federal funds. So was asking her
3 what... what the status was.

4 DR. CAHN: So on occasion... when needed...
5 but...

6 CHAIRPERSON DINOWITZ: Yeah.

7 DR. CAHN: When needed. I can verify. But I
8 know during COVID: Absolutely. But I do know from
9 our CIO, that.. that he... he said that, when
10 necessary, you know, when... when there's a need,
11 they certainly try to accommodate,

12 CHAIRPERSON DINOWITZ: Because those COVID funds
13 have either run out or are running out. And at some
14 point, if you continue the same program and the same,
15 you know, accommodation for students who need this
16 technology to engage in online learning, but struggle
17 with the finances, does CUNY... I mean is CUNY
18 already prepared to continue that program, and to,
19 and like to eat the cost of that? And what's...
20 What's the plan going forward for the next few years?

21 MS. MEADE: First...

22 CHAIRPERSON DINOWITZ: I know it's... I mean, I
23 recognize this isn't like a budget meeting. But I
24 think that's important information.

MS. MEADE: Yeah, I'm just going to speak about CUNY SPS. This is... We've always had a laptop loaner program, and we've always had a hotspot loaner program. It... we had to scale it during the pandemic, but in terms of the system level, I'll turn it over to Kim.

DR. SIEGENTHALER: Yeah. I really can't speak to that. I don't... I don't know whether that's in the works or not.

CHAIRPERSON DINOWITZ: Okay. Well I would... The committee would love, you know, more information about that, given that, you know, you are working on expanding online programming to all the campuses and the course offerings, which is necessarily going to mean that more students are going to need the technology. And again, with COVID funds running out the money has to come from somewhere, or you're going to choose not to provide as many students with technology, which would, you know, be terrible, given that there's so many needs our students have.

One... A few other financial questions. And this was interesting to me that for online courses, out-of-state students pay the in-state tuition price. Is that correct?

DR. CAHN: That is correct. Although it's changing in winter 2023.

CHAIRPERSON DINOWITZ: Oh, good. That's great. Well, do you know what... what led to that decision in the first place? And, and why is it waiting, you know, almost over a year to change?

MS. MEADE: Probably John. You know, John retired. I... My understanding is that the CUNY Board of Trustees considered the issue of out-of-state tuition for out-of-state students, and that... that their decision was to increase tuition again, beginning in winter 2023 for out-of-state students for online learning.

CHAIRPERSON DINOWITZ: Right. Because right now, they don't differentiate, but you're saying in winter 2023, they're going to start differentiating between in-state and out-of-state online learners?

MS. MEADE: Online programs, yes.

CHAIRPERSON DINOWITZ: Online... Right. Alright. Okay, I think that's...

MS. MEADE: We can get get you follow up on amount and, um...

CHAIRPERSON DINOWITZ: Yeah, just interested in knowing why there was no distinction to begin with

and why it's waiting for, you know, again, over a year to make that... make that switch?

MS. MEADE: I... I would say that when CUNY SPS is the college that offered the first online program in 2006, that was the agreement put in place. I think it was to reach these students with some credit and no degree, irrespective of where they resided. As we plan to scale online programs and reach beyond New York City and New York state, there was a concern, I think, about you know, taxpayer money supporting out-of-state students, but again, I think there's a resolution of the board that we can... we can send your way, so you have all the details.

CHAIRPERSON DINOWITZ: Yeah, we'd love it because, you know, out-of-state people are great, but in-state people are better. A lot of New York Pride. What can I say?

So you just mentioned reaching out to people out of state... reaching out. What does reaching out look like to CUNY?

MS. MEADE: I can talk about CUNY SPS.

CHAIRPERSON DINOWITZ: Well, I'll phrase it differently. If I if I went, "Hey, Siri, I want to learn online." I'm going to get University of

Phoenix, I'm going to get Capella University. I'm going to get DeVry, Maybe even Trump University. I don't know. But I don't think... Oh Siri is... pardon me. But I won't get CUNY. And I tried.

DR. CAHN: Well, I would, I would say at John Jay, you know, because our courses... our online programs leverage our unique niche in criminal and social justice, we would attract to those in in these fields to John Jay, I mean, it's... you know, criminal justice and emergency management and international crime and justice. So we have actually attracted students from, you know, nationally and globally. So... So in that case, you know, we do have something unique that we offer.

MS. MEADE: I would say...

CHAIRPERSON DINOWITZ: Do you have a budget...? I'm talking more about, like, a budget for advertising for Google links,

DR. CAHN: We are working on communications.

CHAIRPERSON DINOWITZ: ... social media, I'm showing my age. I know.

DR. CAHN: I mean, they would, you know, whatever social media is used. I mean, they would somehow find it. It's not specific to... you know, it's out

there. So the name is known. And John Jay has the reputation that it does.

DR. SIEGENTHALER: Speaking more broadly about marketing efforts for online, institution-wide. We are... That is also part of this next phase of things, is to... developing a broader marketing strategy and investment in marketing dollars to use social media, and really digital advertising is the best platform if you're trying to attract online learners to so through LinkedIn, or indeed, or other kinds of platforms. What that looks like on a program-by-program basis, or college-to-college, where you've got niche types of programs, you're not going to see it as broadly as you would, where we're trying to elevate awareness of CUNY and CUNY's online programs.

So it's a little bit of a different strategy. We have not traditionally invested a large amount of resources in those marketing efforts. Institutions like University of Phoenix, or Arizona State, or Southern New Hampshire that are going to pop up all the time, invest in the neighborhood of \$250 million a year in marketing.

CHAIRPERSON DINOWITZ: That sounds like a big number.

DR. SIEGENTHALER: Yeah, we're... we're not... we're not going to be in that space.

CHAIRPERSON DINWOTIZ: Right. But... though I... you know... Well, I won't get into the cost of online advertising, but I am interested in what the what the budget is, because, you know, I was just speaking with one of the colleges, and people from one of the local community colleges yesterday, and they're telling me about students who are... I'm sorry, it was one of... someone I know about their family, and that they looked online for whatever program and they live in the Bronx. And they went to Westchester Community College. And nothing against Westchester Community College, but that Bronx student should be going to school in New York City. And that's... it's a not uncommon story I've heard where people are looking online and doing a search for just like a general, you know, Associate's degree. And the, and what they get back is, you know, advertisements for Westchester, or they get the Google search for Westchester. So you know, we'd love to know what that marketing looks like. Because

time and again, we hear about great programs CUNY does, the incredible work y'all do. And if no one knows about it, or if people only know about it, because they know to look for it like at John Jay. You know, I'm really interested in CUNY, being more broadly known to people as the place to go for online learning, as a place to go for criminal justice, instead of just for those who kind of already know and already have those college counselors who told them about it, or for the students who did, you know, 45 hours of research online. I know Councilmember Brewer had more questions. So I'm going to turn it back to her.

COUNCILMEMBER BREWER: Thank you very much. Just... Maybe this got talked about, but this community of Councilmembers, to their credit, is very diverse, and language is an issue. So how do you handle language issues? It should be easier online, but nothing is easy. So how do you how was it different or not in terms of language? Do you use different ways of communicating? How does it work, if at all, for ELLs, or language learners who may speak English but need other support? I don't know. I'm just asking how it works, if at all.

MS. MEADE: I know I can tell you at CUNY SPS, our new interim dean Jorge Silva Perez is interested in dual-language courses. So at this point, it's a new initiative. And he's... he's speaking with our academic directors and faculty about it. But until his arrival, we hadn't had any dual-language online courses.

COUNCILMEMBER BREWER: But now you do?

MS. MEADE: We're... We're, it's one of our goals in our strategic plan to develop, especially in the healthcare fields and psychology. His first goal was to develop a medical terminology course in Spanish.

COUNCILMEMBER BREWER: Do you have any idea about how many students would utilize such dual language, or you're still trying to figure that out? And my guess is you'd have a lot.

MS. MEADE: I would imagine we'd have a lot, but I'd have to get back to you on that.

COUNCILMEMBER BREWER: Okay.

And then the other question I have is -- just in terms of professors and teaching staff and so on, maybe I should know this -- but are they affiliated with other parts of the CUNY-wide system, or is it

just dedicated to your staff? How does that work?
Just in terms of the staffing of SPS.

MS. MEADE: So, CUNY SPS... the faculty model involves consortial faculty, so faculty from across the university have... have and continue to teach our online courses through a consortium arrangement, although we do have resident faculty at CUNY SPS tenured and adjunct.

COUNCILMEMBER BREWER: Okay, and then maybe you discussed this earlier. But I know, obviously, I know John Jay very well. So the university wide, there are more and more classes that are online. I know there are quite a few, you know, in different places. So again, are you consulted about that? Are they on their own? How does that work in terms of information sharing? I know what you teach at John Jay... I know about John Jay, but go ahead.

MS. CAHN: Well, I know that... you know, I've often consulted with various people at SPS, and we're all... we all collaborate through the CUNY Academic Technology Committee, which meets monthly. So... So we do... we do share a lot of information. And we're very fortunate because SPS has really taken the lead in their online teaching essentials workshop. And

although we also created a workshop, they really have been primary in helping to... to provide the training... the necessary training for our faculty,

COUNCILMEMBER BREWER: okay. I think it will be held for all of us who allocate funding to CUNY through that committee to know if there are tech issues. Obviously, capital funding can address some. I try what I can do for John Jay. But I'm just letting you know, that's a resource that you should not forget about. Because with all due respect to having... coming from the tech world, I know that the hardware is as big a problem as sometimes the curriculum. So you should make sure that that group that you just described, is saying very clearly what some of the issues are. It would be helpful for us to know.

MS. CAHN: Sure. And I do want to say on behalf of John Jay, that we do very much appreciate your support.

COUNCILMEMBER BREWER: Thank you. Thank you very much.

CHAIRPERSON DINOWITZ: Thank you, Councilmember. So I want to thank you again, Dr. Siegenthaler, Dr. Cahn, Ms. Meade, and especially to you Ms. Lerner.

You know, it's very inspiring when students come, especially when they share so much of their personal story. Thank you.

And, you know, we look forward to continuing the conversation and getting some of the information about the you know, the data that was discussed today what that accountability looks like, and how you're sharing best practices with other institutions inside and outside of CUNY. But thank you again.

I'd like to call our next panel. Bobby Bell, Miss Rebecca Watts from Western Governors University, and from the University of Colorado, Boulder, joining us via satellite Robert McDonald. Alright, while we get Robert McDonald online, Mr. Bell, you... you may begin.

Yeah. Just make sure you talk right into that microphone.

MR. BELL: No, I have hearing aids on, and sometimes these microphones don't, um, do well with the hearing aids. So maybe without the microphone?

CHAIRPERSON DINOWITZ: Give us one... Give us one second.

We're going turn off the in room audio. We're going to leave the mics on so people online can

continue to hear. Turn off the in-room audio so it doesn't interfere with you. Okay? Great.

MR. EBEL: I'm Bob Ebel, and I'm _____.
(Inaudible). Emerged as a major force for education.
_____ reveals _____ (1 minute silence) have earned
degrees online...

I've lost my place, sorry.

Allowing them to participate more fully in the nation's productive business, rather than being sidelined to marginal labor, moving from fast-food counters to more rewarding roles in our post-industrial economy. While 40% of online students work full time, double that 80% of online students are full time employees. Colleges with a long and effective history of delivering remote programs understand that student services and student access available to on-campus students should also equally be available to online students. College is not possible unless it is made convenient enough to fit into the limited time and space students have to devote to their studies, especially those who work.

What's especially true for students working full-time jobs, for parents working and caring for children, and for others who cannot hop onto their

cars and drive simply to the local campus. Student services on campus study centers, career services, health care, clubs, and support for learning and students with disabilities are widely available on most campuses, but few colleges offer the same expansive attention to remote learners as they do online. On campus students... On campus...

CHAIRPERSON DINOWITZ: Please continue.

MR. EBEL: Okay. On campus, students are coddled with high-end services, with 20% of higher-ed budgets, going to student services and related costs at state and city schools and 30% of private... private schools. I have a thought about this as I'm... as I'm giving my testimony.

If online budgets were equal to what's available on campus, then on campus students would get as many... as much services as the online campus students do. In contrast, vital student support often as an afterthought online. In a literature search, I found that just a handful of references covered online students services, with none quoting how much institution spend on them, a sure sign that very little attention is paid, and distressingly little is invested. It's as if online students don't

need anything but digital classrooms taught by virtual instructions. Most schools act as if remote learners can get away entirely on their lone, like teenagers playing video games.

Online must be as essential to the university as on campus. In the minds of senior faculty, presidents and provosts online must be equal to on campus or offices and infrastructure. Resources that are devoted to on-campus education must be devoted equally to remote learning. Faculty and student services and training, quality education, and the same financial backing that is given to on campus must be given equally to students and faculty online.

Everything that is delivered on campus must be delivered equally to online students. On-campus lectures and other activities available on campus must be delivered equally to online students. We must provide remote students with exactly the same services, exactly the same resources, exactly the same financial support and training that we give to our on-campus students.

CHAIRPERSON DINOWITZ: Thank you. I will now hear from Rebecca Watts, Regional Vice President of Western Governors University.

DR. WATTS: Thank you Chair Dinowitz, members of the Committee on Higher Education. My name is Rebecca Watts and I serve as Vice President for Western Governors University, a nonprofit, nonpublic, competency-based online university founded in 1997 by a group of bipartisan governors. They came together to create a new model of learning to remove the barriers of time and space that negatively impacted adult working learners. Just as importantly, our founders were committed to creating relevant learning experiences aligned to the skills and expertise needed for the nation's most in-demand careers: health professions, education, information technology and business, ensuring excellent quality while keeping costs as low as possible. At WGU we are honored to serve 1024 students across the five boroughs who are among the 3034 WGU current students enrolled statewide with representation from every county, and we are extremely proud of our 1638 alum in New York City, who are part of our network of 6016 Alumni statewide. WGU currently serves 131,490 students across the 50 states, territories, and on military bases around the world... US military bases

around the world. Our alumni network includes 288,045 graduates, a number that grows each month.

To meet the goals of the founding of the university, our founders knew they had to develop an innovative model, leveraging online technology, while delivering learning in a unique competency-based model that offers each student the ability to accelerate learning at her or his own individual pace. Essential to the WGU model is the ability for students to access faculty and learning resources virtually in an online experience. As is the case for any college or university providing online learning, there are key elements that must be in place to make the learning experience effective. Online learning must be intentionally and carefully designed to leverage the learning modality for optimal student learning. It will not be effective if it is delivered as a recorded or broadcast version of a traditional classroom lecture. Highly effective practices include providing technical support information at the outset of a course and reinforcing it throughout the learning journey, engaging students in learning environments including interaction with peers through discussions and workgroups, breaking

learning into smaller segments to establish a pattern of activity and due dates, establishing expectations for online participation, communication and netiquette, demonstrating to students how their learning will apply in real world settings and providing prompt detailed feedback to reinforce key concepts and skill development.

While most agree program requirements at WGU are achieved exclusively in the online environment, there are programs-specific site-based requirements for education, nursing and Health Professions majors. WGU is grateful to its many partners in New York for supporting our students as they move through those required field and clinical experiences.

I want to call out some highly innovative work we're doing to help address key talent needs across several sectors. WGU has partnered with the United States Department of Education on a pilot program using federal work study funds to support educator paraprofessionals on the pathway to degree attainment and educator licensure. This pilot holds a special promise for the urgent needs in hard-to-staff schools, and to strengthen the talent pipeline of special educators. To address our community's urgent

need for nurses, WGU offers a baccalaureate degree in nursing and master's degree programs to help prepare family nurse practitioners, mental health nurse practitioners, and nurse educators, the latter of which can support faculty staffing needs for nursing education programs at community colleges across the state including CUNY and SUNY institutions.

As part of our work to strengthen the talent pipeline in tech fields, WGU partners with Per Scholas, a National Information Technology Training Provider based in the Bronx. Committed to equitable access to education, Per Scholas has a mission to advance economic equity through rigorous training for tech careers, and to connect skilled talent to leading businesses. WGU has an articulation agreement in place with Per Scholas that articulates credit toward a baccalaureate degree to learners completing Per Scholas programs and enrolling at WGU.

In another exciting partnership related to tech talent, WGU is honored to have received grant funding from Reboot Representation, a national organization committed to doubling the number of black, Latina, and Native American women holding baccalaureate degrees in tech fields by 2025. Reboot

Representation's CEO, Dwana Franklin-Davis, is based in New York City, through Reboot's generous grant funding WGU has launched a new initiative, Building Bridges and Breaking Barriers for Women In Tech. We provide scholarships, mentorships, and holistic support to each student in the program that is participating in the initiative. These examples of partnerships and collaboration focus on the needs of learners and the needs of employers, and underscore the power of online learning delivered with intentionality, purpose, and forethought.

I thank you for your time for your commitment, and for your vision for New York City's future. I welcome the opportunity to answer any questions you may have.

CHAIRPERSON DINOWITZ: Thank you. Is... Is Robert McDonald online. I heard a rumor he is.

MR. MCDONALD: Um, hmm. This won't let me. Alright, there we go.

CHAIRPERSON DINOWITZ: Alright, we hear you. And now you're muted again.

MR. MCDONALD: We'll try one more time. Can you hear me now?

CHAIRPERSON DINOWITZ: Yes, we sure can.

MR. MCDONALD: All right. Well, thank you so much. Good morning from Boulder, Colorado. My name is Robert McDonald, and I'm the Senior Vice Provost for Online and Extended Education and Dean of University Libraries here at the University of Colorado, Boulder. First off, I would like to thank Chair Dinowitz and the committee members for inviting me here today to provide a first-hand account of some of the online education innovations that we're delivering from CU Boulder, the flagship campus of the University of Colorado system.

Because of our limitations and time today, I will jump right into the main online innovations that I want to describe for you. First, I will describe the difference between a traditional master's program and the performance-based admissions process we use in some of our online education programs. In a traditional master's programs students go through a rigorous application process that usually requires transcripts, TOEFL or GRE exam, an application essay, and letters of reference. Those who are accepted can wait up to three to six months to be notified that they are accepted and up to a year for classes to begin, and fees are paid up front and may not always

be recoverable if things do not go well for the student in the program. Such as system favors those with money and time, and discourages those who do not fit into the traditional profile of a master's degree candidate. That includes those who take our online master's programs who are working professionals, caregivers, those who need to jumpstart their careers immediately, and those from financially disadvantaged backgrounds. Our performance based pathways for our master's programs seek to include more students who can qualify for admissions and aim to eliminate the fear of rejection and the typical single annual admissions point for those who need our master's level degree programs.

Our current three programs that are delivering performance based admissions are MS in electrical engineering, MS in data science, and our ME in engineering management, all take advantage of this performance based admissions process. In addition to this innovation, these three programs are all built to be certificate stackable programs. This means that each program is built on three to four graduate certificates that when combined equal the master's degree in this discipline.

What does this mean for the student? It means that the student can start with performance based admissions gateway courses, usually three courses, starting with a single course and can understand what is needed for success in the program. This way, the student only pays for one or two courses at a time and knows by the end of the third course whether they have been admitted to the master's program. Additionally, at each step of three to four courses, the student earns a graduate certificate in a segment of the course of study. An example of this is our graduate certificate in power electronics that makes up our MS in electrical engineering.

The point here is that the student can start a course at any point, determine once they're finished with the course whether they want to try to take the course for credit and then determine what their next steps are in the program based on their performance and achievement. Our performance-based degree programs are all taught by our faculty from the University of Colorado Boulder, but they are highly automated and supported by our course facilitators who are often teaching assistants in those programs. This has enabled us to create all three of these

programs at a lower cost to the student at \$20,000 for the entire degree program. This was accomplished through faculty pushing hard.

SERGEANT AT ARMS: Time expired.

CHAIR DINOWITZ: Please continue.

MR. MCDONALD: Sorry?

CHAIR DINOWITZ: Please continue.

MR. MCDONALD: Alright. This was accomplished through faculty pushing hard for innovation in these degree programs as well as a partnership with the scaled MOOC platform Coursera.

Since we first launched performance based pathways in 2019, we have learned and continue to learn so much about making graduate degree programs available to a broader range of students. Our performance pathways open opportunities for more people to benefit from our degree offerings, and we offer our courses six times a year in eight weeks terms so that students can begin when their schedules permit. This means that the student can get started at any point within an eight week period, and the degree they receive is the same as any of our master's degrees offered in traditional residential programs. This emphasis on building out the best

online master's level credentials is based on our transformative faculty-led initiative called Academic Futures, and in other projects and inputs in which our faculty clearly stated that they wanted to build online degree programs that would expand the reach of our residential campus, and that would emphasize the credentials and areas of excellence that our campus is most known for providing. In my written documentation for this testimony, I will provide the committee a link to our academic futures plan, as well as to a recent article in Inside Higher Ed that describes our advances and progress on our current programs. Our University of Colorado system has recently invested funds for the next five years, it will enable our Boulder campus to create a pipeline of master's level degree programs, many of which will work like the ones I've described today. And that will enrich the lives of a broad range of students who want to study with our world-renowned faculty at CU Boulder in an asynchronous online setting.

Thank you for this opportunity to speak with your committee today. And I look forward to answering any questions that you might have concerning our online programs at the University of Colorado. Thank you.

CHAIRPERSON DINOWITZ: Thank you for your testimony, Mr. Ebel. How are you?

MR. EBEL: Good.

CHAIRPERSON DINOWITZ: Good, good.

MR. EBEL: I'm just taking out my hearing aids, because the electronic... uh... dissonance occurs between the microphone and these hearing aids. So if you speak just a little louder, I'm fine.

CHAIRPERSON DINOWITZ: Absolutely. You can hear me?

MR. EBEL: Yes.

CHAIRPERSON DINOWITZ: Okay, great. So what do you believe constitutes a measure of quality in online learning?

MR. EBEL: That's a very good question. I think, for most universities, graduation rates are the key to quality. If a university can claim high graduation rates, then they're doing their job, because students who drop out of their online learning program are not achieving what the university intended, and not achieving what the students intended. So my measure of high quality is a high graduation rate.

CHAIRPERSON DINOWITZ: So I will... I think I said in my opening statement, I'm in a little more skeptical camp, having done the online learning in...?

MR. EBEL: Well I...

CHAIRPERSON DINOWITZ: I'll be... Well, I'll ask it this way, because I don't want to be mean to any city agency. But the... the... Beyond graduation rate, how do you measure the quality of the education that's being given in the class? And how do the assessments, which you know, determine whether you pass or don't pass the class? How do those compare to the in-person learning?

MR. EBEL: Well, if... if a student passes through their entire higher education experience in four years or six years, however long it takes, they've passed all of the barriers and all of the opportunities for the students, and they've done... and the students have done well enough, that a high percentage graduate, that school has done a marvelous job, it has taken students who would ordinarily not have the experience of going to college because they couldn't... if they're working, they can't go to college, or they... there are obstacles of going to

college, if they have children that they take care of, if they have jobs. So graduation is the A-number-one end. Of course, all along the way assessments and other responsible ways of determining how good those programs are, are probably equally as good. But they... for me, the number one triumph for higher education and for the student is that they graduate.

CHAIRPERSON DINOWITZ: Oh, great. I'll say this... Kind of sort of following up on what Councilmember Brewer was talking about, you know, what the opportunities are for sharing best practices. Because as... as was mentioned in CUNY's testimony, a lot of the good online courses are built from the ground up. But we have education systems that, you know, especially during the pandemic flipped over to a sort of online model, and to put it delicately, were encouraging professors or teachers, to pass students, when perhaps they didn't necessarily meet the thresholds. So, you know, perhaps, Miss Watson you can talk about what... You know, what do assessments look like online? And how do we ensure that those are of the same quality and

rigor and academic standards that we typically expect in in-person learning

DR. WATTS: At WGU, how we assure that is that our programs are designed with employers and industry leaders side by side, whether it's any of any of our four schools or colleges. And so those assessments are designed to meet what the expectation of employers are for the skills, competencies, masteries, and expertise that they want people to have on day one on the job. So it's... we don't... we don't just... we don't look at this work in a silo. We collaborate with the people who hire our graduates. And a big measure of success for us is the satisfaction of our employers that hire our grads. We... we survey them every year, and they report high degrees of satisfaction, and answer the question, "Would you hire another WGU grad?" Consistently, they say yes.

CHAIRPERSON DINOWITZ: And is that... And that's a systemic survey? Or is that sort of anecdotal information you have?

DR. WATTS: It's... It is a systemic survey, and we use a third party to administer that for us.

CHAIRPERSON DINOWITZ: Well, that... That sounds... That's great.

No, no, I'm serious. You know, it's... it's... You know, as an educator, we love assessments. And we love... that's, that's part of it. That's part of assessing the quality your program.

Is there... So your program is working... Are there -- and Mr. Ebel, you could speak to this -- Is there scholarly literature...? What does scholarly literature say about the results of students taking online courses versus non... versus in-person learning?

MR. EBEL: Well, I think the difference between online and in person is... has been faced by online learning from the beginning. There has always been a doubt about online as opposed to on campus, as if on campus is the gold standard. But the goal... but on campus is not the gold standard. On campus has failed many, many students. Many, many students drop out on campus. Many, many students have not achieved what they hope to achieve on campus. So to use on-campus as the gold standard against which online is measured, I think is a false way of looking at them. So each... each modality has its own measure. And

each modality should be measured by its own achievements. For example, in Western Governors, their achievement standards are by their... their partner employees. I don't think any other... any other on campus school has that as a guideline. So to measure on campus as opposed to online, is not a very wise approach.

CHAIRPERSON DINOWITZ: So like sort of like a paradigm shift. It's so... You know, we've been doing school one way for a little while, and suddenly the shift online is certainly tough for a lot of us.

So, Mr. McDonald, were you met with a lot of resistance internally at CU Boulder in starting... in starting MSEE or your subsequent online degrees?

MR. EBEL: Yes, I think it's a good measure, I think, especially in today's economy, when the employers are concerned about the ability of their students to work effectively in industry. I think it is a good measure.

CHAIRPERSON DINOWITZ: Yeah. And given that paradigm shift, Mr. McDonald, were you met with resistance internally at CU Boulder when you started your programs? We should just make sure to unmute him as well.

MR MCDONALD: You know, this is mainly a residential campus. So there are a lot of faculty here that originally... and I would say more pre-pandemic, we're not that interested in online. But I'll tell you, the programs that I just described for you all came from this faculty and their departments. The curriculum comes from the curriculum committee in those departments. And that's what makes... makes them so strong is the strength of our faculty and what they've come up with for these designed-from-the-ground-up online offerings that do follow a lot of the best practices that we heard from CUNY today in setting up universal design, as well as you know, rubrics for learning, and... and as my esteemed colleague said before, it needs to be judged on its own because it is a different thing for a different type of student who still wants that type of graduate degree. And/or the certificates, because I think graduation is a great metric. That's what I want for all my students. But we have found from those degrees, as well as from our Post-Bac degree in computer science, sometimes people just want a few courses in certain areas, like say power electronics,

and that's what they're looking for in their career.
Right.

CHAIRPERSON DINOWITZ: And so whether you're talking about credit accrual, or as Mr. Ebel suggested, graduation rates, this short term of eight weeks, that starts six times a year: How has that impacted whether, you know, the success criteria, I guess, one of them being graduation rates or credit accrual, or a certification... How has that model impacted those measures of success?

MR. MCDONALD: I don't know that we've... we've had our course... you know, our degrees in place long enough to really assess that from the eight week kind of entry point. But what I do know from... anecdotally, from talking to the students in those, is that that helps them because almost all of them are working somewhere full time or part time doing these programs. And it gives them more flexibility rather than it being a whole semester. So that way, if they need to take an eight-week course, and then for the next eight week cycle drop out a minute, because they got family issues or other things with work, they can't... they're not tied up the whole

semester, and it breaks the year up into more manageable chunks.

CHAIRPERSON DINOWITZ: And can... And can you just tell us what you mean by the stackability of your master's degree programs? What are the benefits...? What is it, and what are the benefits of a stackable degree program?

MR. MCDONALD: Uh, sure. The benefits there are that each of those masters that I just described are made up of three or four graduate certificates. So as I mentioned before, sometimes students will just come for the graduate certificate. But the benefit is, as they move along through those three or four courses, they're obtaining a graduate certificate that they can take back to showcase to their employer, you know, the progress they're making on... on the degree program, but also show them what they're learning in those certificates in those different tracks. And then as you stack those together into three or four graduate certificates, you end up with the full master's degree. And so that's... it's a good point for the students in that they're always taking some kind of credential with them from the program even if they decide not to

finish the full master's degree. And that's a key benefit to the student, I think is having the credential along the way.

CHAIRPERSON DINOWITZ: Thank you. Um, Ms. Watts, can you tell us more about, you know, the profile of your students like the average age, for example, these typical college students... college-age students, we think right after high school.

DR. WATTS: So I'll give you our mean age, which is 34. And as with any measure of central tendency, we have 18-year-olds, and we have 70-year-olds that are graduating from... attending and graduating from WGU. More than 70% of our students come with some college but no baccalaureate degree. Many come from community colleges and... or have... have gotten into the workforce with their associate degree and want to continue to advance in their careers, but can't walk away from that living wage. So more than 70% work full time, are raising families, are community volunteers. So this is very much... because of the asynchronous nature of our model, it fits into the spaces of their lives, by their tenacity and their commitment, and their hard work.

CHAIRPERSON DINOWITZ: Can I tell you? Between you and Miss Lerner, like all these phrases, UDL measures of central tendency. I feel like I'm back... This is this is great. I love... I love it.

So, you know... So... So you have a range of... of ages and experiences. And... So what... What is the cost of tuition? What are the fees... the fees?

DR. WATTS: For our undergraduate programs... Let me talk a little bit about our structure, and it's really very different from UC... CU Boulder. I always say that backwards. It's very different. So we have six-month terms, and students can start at the first of any month. So when they meet the admissions requirements, they have to meet it by the 15th of the month, and then they can start on that next month. They start a six-month term. We have a flat rate, no-cap tuition for each six month term. It varies a little bit by program but on average, it's \$3,700 per six-month term, as many courses as a student can complete in that six-month period and that includes all fees and learning resources. So no books on top of that. No book cost at all on top of that.

CHAIRPERSON DINOWITZ: Sorry, I got scared when you said no books.

DR. WATTS: No, we...

CHAIRPERSON DINOWITZ: There's a table... By the way, at your local library there's a table... there should be... that says "banned books table" where you can pick up a free book or borrow a free book. So I just had like a little fear.

DR. WATTS: All our learning resources are electronic...

CHAIRPERSON DINOWITZ: There you go.

DR. WATTS: And there is that... that... the fee for the learning resources is included in that average \$3,700. For... for a master's degrees, it's a little bit more. It's like \$3,850.

CHAIRPERSON DINOWITZ: And lastly, in line with some of the questions I was asking if CUNY, how do you ensure that students are engaged... Especially those who have a learning disability or need some sort of accommodation, or... And can you talk if your lessons are universally designed to meet the needs of all learners?

DR. WATTS: So it's an individual program at WGU. We have a differentiated faculty model. There is one

faculty role, graduate-prepared in the discipline, and their sole job is to be a one-on-one mentor for their student. So they spend individual time, at least once a week in a live session with the student, not teaching them courses, helping them plan their program of study, identifying what struggles they may be having.

The second faculty role are the course instructors, and they are the folks who teach the actual courses.

And then there's a third faculty role that are the evaluators. So neither the mentor nor the course instructor grades the students' work. We have common rubrics across... and we have common syllabi across the university. So every student in every course is meeting the same standard. But how they get there is differentiated and individualized. Course instructors is on demand, one-on-one tutoring time. And we have right now at WGU 1996 students who are being provided accommodations based on their identified disabilities.

CHAIRPERSON DINOWITZ: I want to thank... I want to thank you three for coming. You really do bring a lot of expertise. And, you know, I want to thank you

for the work that you've done with CUNY in the past. And of course in line with... with the my statement to CUNY, encourage... If there are online models that are working, especially for students who need accommodations, or have disabilities, encourage the continued conversation with the institutions so you could pick up best practices, so they could pick up best practices and really provide a diversity of learning opportunities for our students, and thank you again for coming.

Okay, for the next panel, we have Miss Penny Lewis from PSC CUNY, and Joseph Crowley, DPS Dean online education and Dean Berklee College School of Business.

And just to make sure, John Skarali[SP?] is not here? No. Okay. And... And I apologize if the pronunciation is incorrect, but Asalimatsu Dimboola. Okay. You may begin.

DR. LEWIS: Okay, thank you so much. So thank you, Chairman Dinowitz, and Councilmember Brewer as well for the opportunity to testify here today. I'm Penny Lewis, the Secretary of the Professional Staff Congress, CUNY, and a faculty member at the School of Labor and Urban Studies, and actually a former

faculty... our school used to be affiliated with the School of Professional Studies. Although I was always an in person instructor, at SPS, I have taught hybrid courses and have recently taught a class in a program that offers a fully-online certificate.

So we have heard from CUNY and see that CUNY is committed to expanding its online degree programs and presence, and we come to you to express our concerns about the possible directions this is already taking, and our sense of some of the best practices which we've also heard about from other people here today that should be in place as any expansion is considered.

My written testimony has a lot more details and I'm just going to speak to some of the more general questions and areas of care concern here.

First, we are deeply concerned that CUNY will explore expansion of online education as a cost-savings path. When in fact, as I think we've heard about, when done well, online education demands greater investment in faculty training and support, smaller class sizes, technical support, and student supports.

Further, we're concerned that any investment in online, not negatively impact our critical in-person education, which we believe is the modality that is best-suited to the vast majority of the students that we serve at CUNY, which is not to take away from the very important services that online education gives to many students, which we've also heard about today. And I'll speak a little more about that important role.

In general, we feel we need more transparency and consistent consulting that a hearing like this begins to open up, but within the institution itself, between the CUNY administration, governance, and union leaders, concerning the expansion of online programs, and especially the operations of CUNY online, which is a program that we didn't really hear anything about... I don't think we heard anything about today, but it's been our understanding that the CUNY online initiative is the vehicle through which the Online Education at CUNY is expanding at this moment. And we have a lot of specific questions about CUNY online as I know, just the University Faculty Senate, and in the written testimony we have a number of questions that have been developed about

the CUNY online program. So it would be good for us to learn more about CUNY online and whether or not that is the vehicle through which online programs are really expanding. So thank you.

So I'll just say a few more things: For faculty, prepping online courses takes longer than in person. It was good to hear that John Jay keeps its course caps, but many of our start... our university classes don't. We have people teaching 25, 35, 40, 100 and hundreds of people in online classes. The one to 12 ratio is actually the one that we have heard is the best for teaching online. Chair, as you know, working with students, there's not a one-size-fits-all model. And as we've heard from our... our friend at Boulder, that that online education is not necessarily for everybody. That it's good for certain students.

And so we want to make sure that all of our students succeed. And we want to make sure that the... there's enough support... the vetting of students and the support for faculty and courses, so that it will not erode academic standards and decrease student learning and success at teaching.

Finally, I'll just say that we recognize that remote work and... I'm sorry, remote education allows students who needed the opportunity to better manage work life issues. So many CUNY students are juggling jobs, child, eldercare, and remote degrees are attractive. At the PSC, we believe these should not be barriers. As you know, in last year's budget, we advocated for free tuition and expanding access to affordable childcare. In a state-wide new deal for CUNY legislation which has been supported by the Council, we are asking for more full time faculty infrastructure investment and greater access to mental health counselors for students. We hope that you and CUNY will address these key issues that we believe are barriers to attending in-person classes in advance of efforts that minimize in-person... in-person teaching. Thank you.

CHAIRPERSON DINOWITZ: Thank you. You may begin.

MR. SKARALI[SP?]: Thank you. Not sure if the mic is on now. Thank you. Good morning... Good afternoon, actually now Chair Dinowitz, and Councilmember Brewer, and any other esteemed New York City Council Committee on Higher Education members who may be online. It's a great honor to be here. I

am Joseph Skarali[SP?]. And I would like to thank you for your kind invitation to appear before you today in my capacity as Dean for Online Education at Berklee College. Berklee College has a tradition of excellence in online education that spans 24 years. Berklee college first began offering accredited online degrees in 2003. The college first began offering an accredited online MBA program in 2016. As of the fall 2021 semester, 37% of undergraduates were pursuing their degrees entirely online. These include a cohort of online students participating in our honors program, an interdisciplinary seminar based educational opportunity available to high achieving students. Berklee College Online attracts a diverse student body comprised of working parents, grandparents, young adults managing work and studies, and those actively serving in the military. Berklee College's online classes are fully vetted and designed to meet specific learning objectives. There is a high level of investment in quality online course preparation, resources, and technology. Online classes are as vigorous as on site classes, and in some cases, more so, as they require good time management to be successful.

While academics are essential support services are also vital to the student experience and success, especially for at-risk student populations. Berklee College students pursuing a degree online have access to the same support services as students who attend on site, including academic advisement, the library, the Center for Academic Success which helps with skills like time management and public speaking, Career Services, personal counseling, and the Office of Military and Veterans Affairs.

Online Campus life experiences include online clubs, virtual volunteerism, wellness, and personal development programs, and workshops focusing on student success.

In 2020, the Berklee College of Office of Career Services offered more than 150 free programs and events online, including hybrid and virtual career fairs, internship workshops, and webinars with employers and students, interview and resume preparation sessions, networking events, LinkedIn workshops, and seminars on how to work in a remote environment. The continuity of the supports has enabled students and alums to progress along their own chosen career paths through placement

2 opportunities, and virtual internships, and
3 professional employment.

4 One more remark I'd like to make off of my
5 submitted testimony is that online students with
6 disabilities are able to work with either a
7 professional tutor, a coach, or a personal counselor,
8 each day of the week. Coaches help with academic
9 skills, communications, with professors, tutors, and
10 academic staff.

11 I want to again, thank the Committee on Higher
12 Education for the opportunity to appear today and
13 remain at the committee's disposal for any further
14 assistance that may be required.

15 CHAIRPERSON DINOWITZ: Thank you so much. So I
16 have two people here from... who can provide two
17 different perspectives. And I know... CUNY
18 professors, and not CUNY, but I'm interested in
19 hearing your perspectives on costs. And what do I
20 mean by that? One: Does the online learning -- this
21 is for both of you, and I'll explain in a sec -- does
22 the online learning in a sense, save money? So for
23 example, if there's a class at 8 am, you don't have
24 to open the building up as early, you don't have
25 to... I don't know... You know, pay whatever

employees to clean the room as often or the... the security. And given, if it's a cost saving measure, is it perhaps a solution to the concern of classes being cancelled, where perhaps if there's five students in a class, a campus decides to cancel... to cancel a section. But if there's five students in an online class, the university may decide not to cancel that section.

I'll start with you.

MR. SKARALI[SP?]: Okay, thank you. So, it is true that, you know, facilities are expensive. So brick and mortar and like you said, cleaning up everything, you know, maintenance and all that are expensive. I can't give you exact figures on the ratios or whatever. But it's also important to understand that when online is done correctly, there is a tremendous investment in IT infrastructure, in, as I was discussing, student services, you know, specialized training for counselors to be able to provide, and for faculty to be able to provide services directly to students in the online modality, as opposed to the on-site modality. So yes, there is less investment necessary, obviously, in facilities maintenance, and all these other issues, heating,

cooling, and whatever costs there are, but there's also on the other side, tremendous investment within technology and training and personnel

CHAIRPERSON DINOWITZ: And from the side of the professors, because I know there's this... We'll talk about some of the other challenges, but I know course cancellation is a real issue for... for professors, right? It's their livelihood, and students are perhaps missing out if a course does not fill up enough. So is this perhaps a solution? Is that something that administration has spoken to the professor's about?

DR. LEWIS: Yeah, I mean, speaking as a professor and also from the union, we have not heard that classes are canceled less frequently for small class size, you know, depending on the modality. So there tend to be cancellations just based on the number of people who are enrolled, and it's... irregardless of whether or not it's online or not. At least that's the CUNY policy that I'm familiar with.

As far as the kind of ongoing cost savings, I think one of our concerns, and this is about the potentiality for cheapening of the of the educational process. I mean, I think we have excellent online

courses at CUNY. So I do not want to take away from that. But we are concerned that it's a model that invites a kind of mechanization and reproduction, that you could have a course that's developed, it's fully developed, somebody is assigned to it, they have very little capacity to change it, they could be assigned to it at a lower pay, at a lower rate, to teach it, and it therefore, the full professor or the professor who designs a class who constantly remakes, the class, who is involved in updating a class can be written out of the equation, and you can have a labor cost, you know, significantly lowered by having kind of rote coursework. And we don't want CUNY to go down that path. That's just one road that we're concerned about in terms of possible cost savings. And also to the question of brick and mortar, you know, our campuses are... need incredible investment. And we need to make them as fantastic as possible for the students who still succeed or better at in-person classes. It was great that our colleague from John Jay shared the information they have, and we don't seem to have data from CUNY as a whole, but in general, students are, you know, do better in person, from what the little information that we have,

although we have many particular students who do excellently online, clearly. And we need that investment in the brick and mortar. And the extent to which we become more and more online, the extent to which investing in brick and mortar and investing in our campuses could possibly fall off.

CHAIRPERSON DINOWITZ: Right, you know, I...

During CUNY's testimony, I think... Well, it's good to know PSC and is interested in data, as well, because a lot of our university system is, you know... our community colleges, right? And the and the other four-year institutions that aren't...

PSP... SPS and... and John Jay, and, you know, I'm looking forward to that to that data. But I guess CUNY... I guess, PSC doesn't have their own data that they collect. But, anecdotally Have you heard from... from yourself or other professors about student outcomes, as it relates to online learning, versus the on campus learning, and on campus degree programs, that actual outcomes?

DR. LEWIS: I mean, I can... I can speak to what our colleague from John Jay shared, you know, which shows... and she described it as this is pre-pandemic, and the rates of the drop, withdrawal, fail

incomplete rates, are higher for online classes within the John Jay program since 2014 to 2019. She shared that with us. I don't have access to CUNY-wide, and we do have the experience of the pandemic, where we know, and I think it was exceptional, you know, where online classes, you know, were incredibly hard for large numbers of our students and our enrollment is quite low. Or... It's not quite low. I don't want to overstate it, but we have, you know, decreasing enrollment at CUNY, and I can't speak to the cause and effect of that, but I will say anecdotally, that we hear from many students that they are so glad that they can be back in person, the ones who can, and we have students who are so happy they can still be remote, but overall, we have fewer students enrolled. And I think that we need to be investing in all of our educational platforms, but make sure that any investments we have in online doesn't hurt the in-person, and that we make a fully robust online program. So that the students do have success rates in both programs, you know, equally.

CHAIRPERSON DINOWITZ: Right, I'm going to... Did you... Did you have something to add?

MR. SKARALI[SP?]: Just the going back to the question of canceling classes. There's different reasons. Of course, a low enrollment is a big factor in canceling a class. But also as far as our operations go, the biggest factor is, are there graduating students in that class that need that class? Did they need to graduate? And if so then... and we have no other options for those students, then those students that class will not be canceled and we'll run it because those students you know, we want to see them graduate. We would never want to see a student be delayed. So that's, you know, is it more expensive to run a class with only a few students in it. Yes, it is. But to have them cross the graduation stage, that's the most important priority for us. And also, as far as the outcomes of online versus on-site, you know, we offer a mix of modalities. So whether it's on-site, we have campus right here on 43rd Street in New York City, and most of our students take a mix of classes, whether they be on site or online. And then also some take hybrid classes, where they come in for, you know, either part of the class time on site every other week, or whether it's part on site and online each week. And

1 since we're a Career College, we have a lot of
2 specialized accreditors. And those accreditors, most
3 of them are very focused on outcomes assessment. So
4 we have to make sure that our assessments in the on-
5 site and the online are the same, and that the
6 learning objectives are the same, and the same
7 material is covered. So, you know, we do have a
8 focus on that issue. We also have very sophisticated
9 dashboards that analyze grade distribution, grading
10 online, versus on-site, versus hybrid. So we keep
11 track of all of those issues that we also keep track
12 of outcomes assessment.
13

14 DR. LEWIS: Chair, if I may. Just one quick
15 thing on outcomes: I'm looking for the quote here.
16 But you know, studies have shown at least for
17 community colleges, that students have really good
18 graduation rates when they have more than zero and
19 less than 25% of their courses available to them
20 online, because it gives them that kind of
21 flexibility. But the in-person... the combination,
22 which is you know, the mixed modalities, that CUNY as
23 a whole offers, is really key. And we want to make
24 sure that our degree programs allow for, you know...
25 encourage that kind of mixed modality so that we have

online, but that students are also there in person, because the in person really sustains them through to graduation.

CHAIRPERSON DINOWITZ: Alright. I remain concerned about... or interested in, about, you know, assessments and how we are assessing the quality of these programs and the quality of the education that the students receive in these programs.

I'm going to turn it over to my colleague, Councilmember Brewer,

COUNCILMEMBER BREWER: Thank you very much. I want to pick up on the Chairs excellent suggestion on the data. And I know that PSC can't do it by yourself. But I think we should all be urging CUNY to do it. Because when you're talking... I mean, I too taught at Hunter, and, you know, I remember during the pandemic, you know, my Zoom crashed, and then the students had one, it was so embarrassing that they were able to pick up where I could not. But what I'm trying to say is, it was very challenging, not having seen anybody. So I think the mixture of in person and zoom -- if that's what the class is about -- makes sense, and if that works. I mean, we do need much more of an analysis as to

whether online works. Does it work as a hybrid, as you're doing at Berklee? Does it work? Professional I think does work. I'm a big supporter of SBS. But it's a unique situation. They know what they're getting into before they start.

So my question to you at PSC -- and thank you, PSC for everything -- is what do you think? What kind of data should be collected? What kind of analysis should be done? Where do you... I mean, I have a feeling this is going to continue.

Let me give an example: Who knows why there are fewer students at CUNY. But one of them is people getting jobs during the pandemic. I know on Staten Island -- I mean, what do I know about Staten Island -- except Amazon has pulled a whole bunch of people to their warehouse who were at CUNY. I know that for a fact. And why shouldn't, you know, Amazon be paying (they should) for classes at CUNY for students? Maybe hybrid? Maybe online? I mean, just as an example, I know that's been discussed. So some of these companies that are employing young people who could be at CUNY, and should be getting a graduate or undergraduate degree, to me should be

supporting the university and the student, and then that supports the company.

But what I'm trying to say is, how are we going... How do you think we should be collecting the data? And how should we be looking positively on the future of the campuses? Maybe not PSP, because they have a unique situation, but elsewhere, I just think we're going to be doing more online, for better for worse. So I've just would love your thoughts, as somebody who's, you know, on the ground,

DR. LEWIS: Thank you for asking. I think that there's a lot of studies... There a lot of studies that have been happening over the past couple of decades, and obviously many more studies that are, you know, underway. And so the more in general that we can learn from what all the institutions -- and we're already hearing from some -- to compare like best practices and outcomes. So... So having readily available that work, and I know a lot of the folks at CUNY are following a lot of that. But... So questions about class size. Questions about faculty to student ratios. You know, questions about the types of classes that, you know, if there are types of classes that are better or worse. I mean, we know

that there are certain fields that lend themselves to online more than others. But in holistic ways, I think also questions within CUNY, we could look at about, you know, the grades that students are getting between the two, the extent to which students progress from, you know, lower level to higher level classes in the same subject and how they do in second level classes after introductory classes in their online classes. Right? So the outcomes in terms of their growth, obviously, the DWFI numbers, the drop, withdrawal, fail and incomplete numbers across the system. All of these, I think... And then, of course, the graduation rates, as we're talking about before. I would think that a lot of these numbers would be largely available now, although not within a central database, but that each CUNY School would have access to these.

And then also, like the differences between small class sizes and bigger class sizes, because we have comparative data within CUNY, where we have some schools that have 25-person limits, and we have some schools that have 40-person limits, is there a difference in the outcome?

COUNCILMEMBER BREWER: Thank you so much. I'm hoping that, Mr. Chair, we could send a letter to CUNY at the follow up with that excellent list of "Where's the data", if we're going into more online, which I have a feeling we are, every single one of what you just suggested has to be taken into account. There's nothing... I can't even imagine an online course with 100 people. Nobody's going to learn a thing. And people using their cell phones when they can't see anybody else. Anyway, you get... That will be a really excellent list. Thank you very much.

DR. LEWIS: Yeah, and I should say that for the classes that I've heard about that are online at those sizes, like Hunter and I think at Brooklyn, I've heard, you know, there's... there are teaching assistants, and I mean, it's not one person, but I do think that it requires a lot of support.

CHAIRPERSON DINOWITZ: Thank you. Thank you to the panel. Thank you, Councilmember Brewer. Before I call up the last panel, is there anyone here or anyone online who is interested in testifying? If you are online and interested in testifying, please use the raise hand function.

And for our next... for our last panel, Anthony Piccyano and Shawn O'Reilly from Pace University. Both are on Zoom.

DR. PICCIANO: Can you hear me?

CHAIRPERSON DINOWITZ: You may begin.

DR. PICCIANO: Thank you. I want to thank your committee for this invitation. I'm sorry, I meant to be there in person, but last week I was tested positive for COVID. And I'm still suffering from flu like symptoms. My voice may crack a bit. So I apologize. I would have preferred to be there in person, but I appreciate the opportunity to do this on Zoom. I know I only have three minutes. So I'm going to be quick. And I'm going to talk in my... my briefest South Bronx accent, where I was born and raised. But I... I'm going to dismiss what was my kind of formal presentation, because I heard a lot of provocative things here this morning. And I think I would like to respond to them.

Much of what was discussed had to do with what's going on now, although I recall that your... your the title of this session was "The past, the present and the future." And I think we need to talk a little... I'd like to talk a little bit about the past.

Because we don't understand how we got here all ways and there was a lot of discussion of how the pandemic kind of changed everything, not just for higher education, but for the whole world.

But I started teaching online in 1996. And I was very fortunate to receive a lot of funding from the Alfred P. Sloan Foundation, not just for me, but for the whole CUNY system. We had several million dollars in grants, and we continued to receive funding until 2013.

It was a wonderful time, particularly the first five or six years because anytime we had any kind of success, it was something important. And my faculty colleagues were very dubious about the handful of people who were doing this at the beginning. But within, I would say, five or six years with a lot of training and support, we had thousands of faculty and CUNY faculty, literally taking workshops on how to teach online. I think that was a very important period of development.

Other things I've been involved with: I was one of the founders of the Online Learning Consortium. That's an international consortium of 900 colleges that promote quality and online learning. It is

now... It is now called the Online Learning Consortium, originally called the Sloan Consortium. I've been involved with a number of faculty development programs throughout the country, including Berklee college and... and Western Governors University over the years.

But when I'd like to say and I think the real thrust, and we started getting into it a little bit in the last panel, I think that the... the first couple of panels focused entirely on fully online programs and to some degree, fully online courses.

At CUNY fully online programs enroll thousands of students, and I think the... the two models you had, surely SPS and John Jay College are fine models to look at. But we have hundreds of thousands of students at CUNY who are not taking fully online programs, and are not taking fully online courses.

SERGEANT AT ARMS: Time expired.

DR. PICCIANO: And for them... And for them, the real model is the blended, or the hybrid model. And I would say that, particularly, we were evolving to the blended model. And we have accelerated towards that because of the pandemic. And my sense is that

we have become a blended University, not just CUNY, but many throughout higher education.

Every aspect of administration, research, and teaching is now affected by some aspect of technology. And if you want to concentrate on teaching and learning, the blending model is is very, very well developed, it is well understood. And you asked several times -- I think was very astute of you to ask questions about outcomes -- probably the most significant study done on this was done by Barbara Means heavily funded by the United States Department of Education 2013, where she looked at... it was a meta-analysis. She looked at 50 studies and compared outcomes of online versus in person, our conclusion was that there was no significant difference between those two. The only significant difference in effect sizes was for the blended model. And I would dare say that for CUNY, that is the model that should be invested in and developed significantly.

CHAIRPERSON DINOWITZ: Thank you. If you can wrap it up, that would be great. Thank you.

DR. PICCIANO: Okay. And I would just say for the future, as you pursue funding or other kinds of,

of support for CUNY, please do not ignore the blended model. Thank you.

CHAIRPERSON DINOWITZ: Thank you so much. And Shawn O'Reilly from Pace University.

DR. O'RILEY: Thank you.

My name is Shawn O'Reilly and good morning Councilmembers and thank you for giving me the opportunity to speak to you today.

I am responsible for... My primary role at Pace University is to oversee strategy planning, operations and assessment of online learning across our campuses and locations. As you may know, Pace University is a private, nonprofit comprehensive university with campus locations in Manhattan, Pleasantville, on White Plains. Pace has served citizens of New York City since its founding in 1906, has helped generations of New York City residents achieve their degree... dream of a college degree. Our motto is Opportunitas. It promises that we will be at the forefront of creating opportunity for our students and community.

A 2017 study by Opportunity Insights at Harvard University writes "Pace University is the first in the nation amongst four-year private institutions for

upward economic mobility, based on students who enter college at the bottom fifth of the income distribution, and ended up at the top fifth." At Pace, we believe that delivering on relevant high quality educational experiences via a variety of modalities and formats fits our opportunity-focused mission. Pace has a significant history with distance education in New York. In its early years Pace offered correspondence courses for students who could not intended person. Pace was a pioneer in online learning in New York, offering one of the first fully online degree programs in the state, and assisting in writing some early regulation of policy for the Department of Education.

In recent years Pace has offered... has significantly expanded its online programs, enrollment and support from faculty and students. Pace now enrolls nearly 700 students in fully online degree programs and certificates in over 20 individual online programs across University. Five of our online programs are currently ranked in the top 50 nationally by US News and World Report. Our success rate is the percentage of students who started a program that are still enrolled, or

graduated from online students, is typically above 75%. The average online student at Pace is in their early 30s, has some previous higher education experience, typically is working full time, and likely paying for a full degree programs themselves.

Challenges and opportunities for online higher education in New York City: Challenges include flexibility and schedule modality. New York City residents have the same needs for flexible remote learning opportunities as any other part of the country. Just because we live in a dense urban community, that doesn't... that doesn't mean that students don't have the same work-life challenges that other students around the country have: commuting to campus two or three nights a week from one part of the city the other still takes... can still take an hour-plus time each way. So having the opportunities to study on schedules and locations that are most convenient is still very important to these working adults.

Financing: Online students are most mostly part time working adults, and mostly study at a part time pace. This limits the kind of amounts of pay that they qualify for. Tap and Pell Grants are

significantly less for students that study less than 12 credits, typically four courses a semester, and other forms of aid like the GI bill for veterans, so many types of merit aid require full time study to achieve the maximum benefit.

The digital divide: Access to internet, hardware, and software...

SERGEANT AT ARMS: Time expired.

DR. O'RILEY: ...is still a challenge for many residents. All the latest and tech innovations are meaningless without the ability to access a course remotely. A student's ability to have consistent access to technology, internet is important for many online students, and quality control. Online learning has advanced significantly in the past few years. Emerging technologies, improved online pedagogy and increasingly sophisticated experiences that can replicate or even improve upon traditional classroom experiences. But quality for those experiences can vary greatly between courses, programs, and colleges.

Opportunities: Delivering high quality and online education for residents... New York City residents may help them save time and money earning

their degree, not spending time on the train or in traffic commuting back and forth in class to complete their work on their schedule can be meaningful.

There are significant pandemic effects: Because of the pandemic more and more working adults are seeking online and graduate professional development opportunities. Sometime in the near future, it may be that the vast majority of these programs nationwide will be offered fully online. Traditional age students have gotten more accustomed to online learning through the pandemic. While their first choice for traditional age students may be to study in person, occasionally online courses may help them complete their degree.

And finally, digital microcredentials and faculty support for online learning: Pace now offers credit bearing and non-credit microcredential badges for smaller, more tailored professional development experiences. Many of these badge programs are offered online, and the earning credential can share it can be shared and distributed online through social media.

Faculty support for online learning: Every week, new technology and development emerges that helps

improve online teaching pedagogy, best practices, and uses of emerging technologies. Many of these technologies can be significantly expensive and difficult to implement more funding and support for colleges that want to produce high end digital materials for online programs with ease.

In summary, the pandemic has certainly accelerated an already fast evolution for Online Learning in Higher Education, you're seeing significantly more interest in online learning modalities from students, faculty in the general community.

Thank you for your opportunity to speak to you today.

CHAIRPERSON DINOWITZ: Thank you. So I just want to get to your last point you made about new emerging technologies. How big of an issue is access to hardware, software, and the internet for the students and who can help solve that problem for New Yorkers?

DR. O'RILEY: It's a significant issue. And I think the pandemic really was something that... that for us at pace, I think it really opened our eyes to the challenges that students have accessing digital materials and online resources. Many, many students

are trying to do school off their phone. And so we would see students sitting in a living room, on their phone trying to complete their coursework or view the zoom. If they're not in a part of the city, or part of the region that has affordable internet access, they're probably doing it off of cell phone connection, which can be inconsistent, and certainly make the ability to do meetings like this really difficult.

So, you know, programs that the city offers for students either go someplace and access, high quality internet connections, or the ability for areas to get access to consistent high quality internet is, I think, really important, not just for higher ed, but for the city in general. But certainly, you know, having students try to take the classes at a Starbucks or in a quiet area of the public library can make it more difficult for students to complete their studies.

CHAIRPERSON DINOWITZ: Thank you. And you said that in the near future, it may be that the vast majority of graduate professional development opportunities nationwide, are going to be online. Is

that... Is that the direction in which Pace is headed as well?

DR. O'RILEY: Well, certainly we're seeing out of the pandemic a much greater interest in our online programs going in, and I know from my colleagues in the region and around the country that there's been a really spiked interest in studying a lot. Some of the fields in graduate education already are approaching or passing 50% total enrollment in online education. Things like criminal justice that John Jay talked about earlier, educational programs are, if not majority online students then then certainly a significant part of the total graduate school population. And it's because it's working adults who are typically taking those degrees, and I think people through the last couple of years have said, if I have the ability to complete a degree in the modality that makes most sense for me, completed from my own home, there's just a significant convenience factor that's pushing them to online programs versus coming on campus and doing things in person.

CHAIRPERSON DINOWITZ: Thank you. I want to thank this panel. This was the final panel. And I want to thank you everyone who testified today,

including CUNY, and for the information they shared, for the work that everyone here is doing from the professor's to the other universities to CUNY to the students. We look forward to getting more of the data that we requested here and working with Councilmember Brewer to request other data.

It's important that as these programs are built, that they are built from the ground up with UDL, Universal Design for Learning, in mind to meet the needs of all learners, and that they are constantly being evaluated and assessed with not just experts in the field, but recognizing that those experts include professors, and students, and the employer. So these, you know, these... these degrees and these certifications are supposed to help.

And we also look forward to hearing more about the collaboration within CUNY that they are doing to share best practices with... with the schools and the campuses inside and outside the system.

Thank you again for everyone who attended. And for everyone who testified today. The hearing is now adjourned.

[GAVEL]

C E R T I F I C A T E

World Wide Dictation certifies that the foregoing transcript is a true and accurate record of the proceedings. We further certify that there is no relation to any of the parties to this action by blood or marriage, and that there is interest in the outcome of this matter.



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