

WEBVTT

NOTE duration: "00:25:32.032"

NOTE Confidence: 0.9530029

00:00:02.000 --> 00:00:03.919 Great. Thank you, and welcome

NOTE Confidence: 0.9530029

00:00:03.919 --> 00:00:05.380 to Yale, everybody.

NOTE Confidence: 0.998291

00:00:05.839 --> 00:00:07.040 I'm here to present a

NOTE Confidence: 0.998291

00:00:07.040 --> 00:00:08.720 few things that we have,

NOTE Confidence: 0.9562378

00:00:09.039 --> 00:00:10.639 developed recently as well as

NOTE Confidence: 0.9562378

00:00:10.639 --> 00:00:12.019 some continued resources

NOTE Confidence: 0.9892578

00:00:12.320 --> 00:00:13.540 for informatics,

NOTE Confidence: 0.9246216

00:00:13.920 --> 00:00:16.465 computing, data science, and

NOTE Confidence: 0.91398114

00:00:17.005 --> 00:00:17.965 AI at the school of

NOTE Confidence: 0.91398114

00:00:17.965 --> 00:00:18.465 medicine.

NOTE Confidence: 0.9954834

00:00:19.005 --> 00:00:20.785 So, my goals here

NOTE Confidence: 0.9501953

00:00:21.244 --> 00:00:21.725 are,

NOTE Confidence: 0.91135657

00:00:22.204 --> 00:00:23.665 or the goals of our

NOTE Confidence: 0.91135657

00:00:23.725 --> 00:00:25.265 core in as an informatics

NOTE Confidence: 0.91135657

00:00:25.485 --> 00:00:27.585 core to enable health discoveries
NOTE Confidence: 0.91135657

00:00:27.725 --> 00:00:29.280 through data analysis and computation,
NOTE Confidence: 0.91135657

00:00:29.280 --> 00:00:30.680 renovated here at the AIU.
NOTE Confidence: 0.91135657

00:00:30.680 --> 00:00:31.954 You will have, by the
NOTE Confidence: 0.91135657

00:00:31.954 --> 00:00:32.750 end of this calendar year,
NOTE Confidence: 0.91135657

00:00:32.820 --> 00:00:35.600 some state of the art,
NOTE Confidence: 0.9881999

00:00:36.240 --> 00:00:37.760 systems to compute, with your
NOTE Confidence: 0.9881999

00:00:37.760 --> 00:00:38.260 data
NOTE Confidence: 0.9577415

00:00:44.935 --> 00:00:46.534 and, do that in a
NOTE Confidence: 0.9577415

00:00:46.534 --> 00:00:49.195 secure privacy preserving HIPAA compliant
NOTE Confidence: 0.9577415

00:00:49.255 --> 00:00:49.755 manner.
NOTE Confidence: 0.972229

00:00:50.135 --> 00:00:51.895 To support innovation with,
NOTE Confidence: 0.8400879

00:00:52.534 --> 00:00:53.275 by computational
NOTE Confidence: 0.90074325

00:00:53.655 --> 00:00:55.975 researchers, increase collaborations with all
NOTE Confidence: 0.90074325

00:00:55.975 --> 00:00:57.515 departments and the centers,
NOTE Confidence: 0.9304387

00:00:58.300 --> 00:01:00.160 in within and outside Yale,

NOTE Confidence: 0.9304387

00:01:00.220 --> 00:01:01.980 and then increased participation of,

NOTE Confidence: 0.9304387

00:01:02.300 --> 00:01:03.680 groups currently underrepresented

NOTE Confidence: 0.9892578

00:01:03.980 --> 00:01:05.840 in biomedical computing, which

NOTE Confidence: 0.9240025

00:01:06.620 --> 00:01:08.540 still, borrows a lot from

NOTE Confidence: 0.9240025

00:01:08.540 --> 00:01:10.380 engineering and that therefore has

NOTE Confidence: 0.9240025

00:01:10.380 --> 00:01:11.595 some of the same,

NOTE Confidence: 0.9790039

00:01:12.235 --> 00:01:13.275 issues of,

NOTE Confidence: 0.99609375

00:01:13.755 --> 00:01:14.255 unequal

NOTE Confidence: 0.9135742

00:01:14.795 --> 00:01:15.295 representation.

NOTE Confidence: 0.95123845

00:01:16.555 --> 00:01:18.175 And we do compute services

NOTE Confidence: 0.95123845

00:01:18.475 --> 00:01:19.915 and training. So I'll go

NOTE Confidence: 0.95123845

00:01:19.915 --> 00:01:20.415 briefly

NOTE Confidence: 0.99853516

00:01:21.035 --> 00:01:22.575 about our very colorful

NOTE Confidence: 1

00:01:23.115 --> 00:01:23.615 picture

NOTE Confidence: 0.92998046

00:01:23.995 --> 00:01:26.015 about where our compute environments

NOTE Confidence: 0.9733887

00:01:26.690 --> 00:01:28.209 reside. So the ones in
NOTE Confidence: 0.9733887

00:01:28.209 --> 00:01:29.270 the dotted lines,
NOTE Confidence: 0.96633303

00:01:29.890 --> 00:01:31.730 are within the health system,
NOTE Confidence: 0.96633303

00:01:31.730 --> 00:01:33.350 the Yale New Haven Health,
NOTE Confidence: 0.95652264

00:01:33.730 --> 00:01:35.330 and they are fully HIPAA
NOTE Confidence: 0.95652264

00:01:35.330 --> 00:01:35.830 compliant,
NOTE Confidence: 0.9983956

00:01:36.130 --> 00:01:38.050 and that's where all your
NOTE Confidence: 0.9983956

00:01:38.050 --> 00:01:38.870 human subjects
NOTE Confidence: 0.95719403

00:01:39.330 --> 00:01:41.090 research should be done at
NOTE Confidence: 0.95719403

00:01:41.090 --> 00:01:43.064 this point. It's the Yale,
NOTE Confidence: 0.95719403

00:01:43.384 --> 00:01:44.284 HIPAA compliant
NOTE Confidence: 1

00:01:44.584 --> 00:01:45.084 environment.
NOTE Confidence: 0.965956

00:01:45.465 --> 00:01:46.584 There are two aspects of
NOTE Confidence: 0.965956

00:01:46.584 --> 00:01:47.645 it. One is called,
NOTE Confidence: 0.94954425

00:01:48.185 --> 00:01:49.884 virtual desktop interface.
NOTE Confidence: 0.9883423

00:01:50.424 --> 00:01:51.725 That is when your,

NOTE Confidence: 0.9921875
00:01:52.265 --> 00:01:54.845 laptop serves as a terminal,
NOTE Confidence: 0.9253337
00:01:55.225 --> 00:01:56.670 so to speak, to a
NOTE Confidence: 0.9253337
00:01:56.670 --> 00:01:58.270 server that is with all
NOTE Confidence: 0.9253337
00:01:58.270 --> 00:01:58.930 the security
NOTE Confidence: 0.9635882
00:01:59.390 --> 00:02:00.990 out there. Much easier. You
NOTE Confidence: 0.9635882
00:02:00.990 --> 00:02:02.350 don't need to maintain your
NOTE Confidence: 0.9635882
00:02:02.350 --> 00:02:04.290 own applications. It's secure,
NOTE Confidence: 0.9947754
00:02:04.910 --> 00:02:06.430 and it's a way to,
NOTE Confidence: 0.9831543
00:02:06.910 --> 00:02:07.870 make sure that,
NOTE Confidence: 0.98323566
00:02:08.510 --> 00:02:09.889 if you inadvertently
NOTE Confidence: 0.93108726
00:02:10.855 --> 00:02:12.455 lose your laptop or so
NOTE Confidence: 0.93108726
00:02:12.455 --> 00:02:13.495 that you don't have to
NOTE Confidence: 0.93108726
00:02:13.495 --> 00:02:14.875 go through all the procedures
NOTE Confidence: 0.9746297
00:02:15.415 --> 00:02:16.715 that have to be done
NOTE Confidence: 0.9746297
00:02:16.935 --> 00:02:18.375 when you lose a a
NOTE Confidence: 0.9746297

00:02:18.375 --> 00:02:21.195 laptop that contains patient information.

NOTE Confidence: 0.9746297

00:02:21.255 --> 00:02:22.935 You probably know this from

NOTE Confidence: 0.9746297

00:02:22.935 --> 00:02:24.555 all your previous institutions,

NOTE Confidence: 0.9996745

00:02:25.340 --> 00:02:26.380 but I would like to

NOTE Confidence: 0.9996745

00:02:26.380 --> 00:02:26.880 emphasize

NOTE Confidence: 0.99609375

00:02:27.500 --> 00:02:28.240 in here

NOTE Confidence: 0.98881024

00:02:28.620 --> 00:02:30.220 that, you know, there is

NOTE Confidence: 0.98881024

00:02:30.220 --> 00:02:30.720 increased,

NOTE Confidence: 0.9324951

00:02:31.419 --> 00:02:32.960 attention to these matters.

NOTE Confidence: 0.9774117

00:02:33.660 --> 00:02:35.580 Also, there are some specs

NOTE Confidence: 0.9774117

00:02:35.580 --> 00:02:37.980 here very, crude, but, we

NOTE Confidence: 0.9774117

00:02:37.980 --> 00:02:39.900 have been adding GPUs to

NOTE Confidence: 0.9774117

00:02:39.900 --> 00:02:41.575 this environment so that you

NOTE Confidence: 0.9774117

00:02:41.575 --> 00:02:43.254 can do more,

NOTE Confidence: 0.9980469

00:02:44.455 --> 00:02:45.514 intense computation

NOTE Confidence: 0.98307294

00:02:45.894 --> 00:02:47.254 as well. And as you

NOTE Confidence: 0.98307294

00:02:47.254 --> 00:02:47.754 know,

NOTE Confidence: 0.97298175

00:02:48.055 --> 00:02:50.635 medical large language models, LLM,

NOTE Confidence: 0.9928792

00:02:51.575 --> 00:02:53.275 they require lots of GPUs,

NOTE Confidence: 0.9928792

00:02:53.334 --> 00:02:54.855 and we have some some

NOTE Confidence: 0.9928792

00:02:54.855 --> 00:02:56.639 versions of it planned for

NOTE Confidence: 0.9928792

00:02:56.639 --> 00:02:57.780 for new environments.

NOTE Confidence: 0.9970703

00:02:58.560 --> 00:02:59.859 Then we have something

NOTE Confidence: 0.6939697

00:03:00.319 --> 00:03:01.139 so ChipSafe

NOTE Confidence: 0.99316406

00:03:01.519 --> 00:03:02.019 is

NOTE Confidence: 0.9387207

00:03:02.480 --> 00:03:04.419 hardware from from here.

NOTE Confidence: 0.99902344

00:03:04.799 --> 00:03:05.299 Again,

NOTE Confidence: 0.98706055

00:03:05.760 --> 00:03:06.159 that,

NOTE Confidence: 0.9060669

00:03:06.639 --> 00:03:08.239 is directly at the servers

NOTE Confidence: 0.9060669

00:03:08.239 --> 00:03:09.120 that you can,

NOTE Confidence: 0.9456584

00:03:09.599 --> 00:03:11.395 compute, and you see on

NOTE Confidence: 0.9456584

00:03:11.395 --> 00:03:12.835 top several of the the
NOTE Confidence: 0.9456584

00:03:12.835 --> 00:03:13.815 logos for,
NOTE Confidence: 0.96569824

00:03:15.075 --> 00:03:17.014 programming language or environment
NOTE Confidence: 0.9880371

00:03:17.395 --> 00:03:18.375 or statistical
NOTE Confidence: 0.9923706

00:03:18.755 --> 00:03:20.194 packages that some of you
NOTE Confidence: 0.9923706

00:03:20.194 --> 00:03:21.095 may be familiar
NOTE Confidence: 0.98583984

00:03:21.475 --> 00:03:21.975 with.
NOTE Confidence: 0.998291

00:03:22.595 --> 00:03:23.639 Now for,
NOTE Confidence: 0.9531521

00:03:24.200 --> 00:03:25.480 the number three, which is
NOTE Confidence: 0.9531521

00:03:25.480 --> 00:03:26.940 called spin up plus,
NOTE Confidence: 0.90112305

00:03:27.400 --> 00:03:29.419 that is Amazon Web Services,
NOTE Confidence: 0.90112305

00:03:29.639 --> 00:03:31.320 Amazon Cloud as many of
NOTE Confidence: 0.90112305

00:03:31.320 --> 00:03:32.060 you probably
NOTE Confidence: 0.8867798

00:03:32.440 --> 00:03:34.060 do your computation there.
NOTE Confidence: 0.96207684

00:03:34.600 --> 00:03:35.640 We have been,
NOTE Confidence: 0.99836075

00:03:36.120 --> 00:03:37.320 upgrading it to be a

NOTE Confidence: 0.99836075
00:03:37.320 --> 00:03:39.415 HIPAA compliant portion of the
NOTE Confidence: 0.99836075
00:03:39.415 --> 00:03:40.875 cloud for the Yale
NOTE Confidence: 0.98416746
00:03:41.255 --> 00:03:43.175 system. So, it's not there
NOTE Confidence: 0.98416746
00:03:43.175 --> 00:03:44.475 yet, but it will be
NOTE Confidence: 0.98416746
00:03:44.775 --> 00:03:46.775 pretty soon in which, you
NOTE Confidence: 0.98416746
00:03:46.775 --> 00:03:48.795 would compute as you compute
NOTE Confidence: 0.9104004
00:03:49.095 --> 00:03:49.334 with,
NOTE Confidence: 0.9530029
00:03:51.590 --> 00:03:53.530 your regular Amazon cloud,
NOTE Confidence: 0.97347003
00:03:54.390 --> 00:03:55.750 but with the peace of
NOTE Confidence: 0.97347003
00:03:55.750 --> 00:03:57.510 mind that the security and
NOTE Confidence: 0.97347003
00:03:57.510 --> 00:03:58.170 the privacy
NOTE Confidence: 0.9688721
00:03:58.870 --> 00:04:00.310 aspects are are being taken
NOTE Confidence: 0.9688721
00:04:00.310 --> 00:04:01.450 care for you.
NOTE Confidence: 0.9682617
00:04:01.750 --> 00:04:03.750 And the last one, again,
NOTE Confidence: 0.9682617
00:04:03.750 --> 00:04:04.250 the
NOTE Confidence: 0.9164429

00:04:05.095 --> 00:04:07.175 hardware will be installed, will
NOTE Confidence: 0.9164429

00:04:07.175 --> 00:04:08.635 be here all in December.
NOTE Confidence: 0.9696615

00:04:08.935 --> 00:04:09.815 We will do a bunch
NOTE Confidence: 0.9696615

00:04:09.815 --> 00:04:11.495 of testing and other things,
NOTE Confidence: 0.9696615

00:04:11.495 --> 00:04:13.195 and then the GPU nodes,
NOTE Confidence: 0.88427734

00:04:13.655 --> 00:04:15.835 NVIDIA ones will be available
NOTE Confidence: 0.8017578

00:04:16.375 --> 00:04:16.875 also,
NOTE Confidence: 0.9657715

00:04:17.335 --> 00:04:19.675 in a protected environment for,
NOTE Confidence: 0.9573818

00:04:20.360 --> 00:04:23.159 computation with LLMs, with AI,
NOTE Confidence: 0.9573818

00:04:23.159 --> 00:04:24.759 and all sorts of things,
NOTE Confidence: 0.9573818

00:04:25.000 --> 00:04:27.000 using patient data. So so
NOTE Confidence: 0.9573818

00:04:27.000 --> 00:04:28.599 I I do put here
NOTE Confidence: 0.9573818

00:04:28.599 --> 00:04:29.720 so that you know the
NOTE Confidence: 0.9573818

00:04:29.720 --> 00:04:30.220 environment,
NOTE Confidence: 0.951004

00:04:31.000 --> 00:04:32.839 is being developed in pieces.
NOTE Confidence: 0.951004

00:04:32.839 --> 00:04:34.120 Some of it is already

NOTE Confidence: 0.951004
00:04:34.120 --> 00:04:35.319 there and some will be
NOTE Confidence: 0.951004
00:04:35.319 --> 00:04:35.775 soon.
NOTE Confidence: 0.9824626
00:04:36.255 --> 00:04:38.595 For clinical research data services,
NOTE Confidence: 0.9824626
00:04:38.654 --> 00:04:39.154 so
NOTE Confidence: 0.822937
00:04:39.535 --> 00:04:40.115 you're always,
NOTE Confidence: 0.9690755
00:04:40.654 --> 00:04:42.175 probably curious, how do I
NOTE Confidence: 0.9690755
00:04:42.175 --> 00:04:43.695 compute with data from the
NOTE Confidence: 0.9690755
00:04:43.695 --> 00:04:44.514 health system?
NOTE Confidence: 0.99454755
00:04:44.815 --> 00:04:45.935 So there are,
NOTE Confidence: 0.9980469
00:04:46.335 --> 00:04:47.235 free consultations
NOTE Confidence: 0.9512765
00:04:47.535 --> 00:04:48.975 on depending on what you
NOTE Confidence: 0.9512765
00:04:48.975 --> 00:04:50.914 need, training and office hours.
NOTE Confidence: 0.9512765
00:04:51.130 --> 00:04:52.190 There is a self-service
NOTE Confidence: 0.8601074
00:04:52.650 --> 00:04:53.150 data.
NOTE Confidence: 0.9423272
00:04:53.770 --> 00:04:55.210 So some of you who
NOTE Confidence: 0.9423272

00:04:55.210 --> 00:04:57.050 worked with Epic before may
NOTE Confidence: 0.9423272

00:04:57.050 --> 00:04:58.810 have worked with slicer dicer,
NOTE Confidence: 0.9423272

00:04:58.810 --> 00:04:59.950 which is an interface
NOTE Confidence: 0.97591144

00:05:00.490 --> 00:05:02.730 for population health, so to
NOTE Confidence: 0.97591144

00:05:02.730 --> 00:05:03.230 speak.
NOTE Confidence: 0.9587077

00:05:03.595 --> 00:05:05.195 And, you can do that
NOTE Confidence: 0.9587077

00:05:05.195 --> 00:05:06.895 or you can use freehand,
NOTE Confidence: 0.95092773

00:05:07.514 --> 00:05:08.735 SQL language
NOTE Confidence: 0.85913086

00:05:09.195 --> 00:05:09.595 that,
NOTE Confidence: 0.95736533

00:05:10.635 --> 00:05:12.255 it's often used for database
NOTE Confidence: 0.95736533

00:05:12.315 --> 00:05:14.794 retrieval, and you can, reuse
NOTE Confidence: 0.95736533

00:05:14.794 --> 00:05:16.794 existing reports and extract. So
NOTE Confidence: 0.95736533

00:05:16.794 --> 00:05:18.175 depending on your level
NOTE Confidence: 0.8498535

00:05:18.660 --> 00:05:19.060 of,
NOTE Confidence: 0.99523926

00:05:19.460 --> 00:05:21.860 expertise with data extractions and
NOTE Confidence: 0.99523926

00:05:21.860 --> 00:05:23.400 so on, you would utilize

NOTE Confidence: 0.99523926

00:05:23.460 --> 00:05:24.920 different types of services.

NOTE Confidence: 0.9251438

00:05:25.540 --> 00:05:27.060 There is also custom data

NOTE Confidence: 0.9251438

00:05:27.060 --> 00:05:29.220 engineering, data flow automations for

NOTE Confidence: 0.9251438

00:05:29.220 --> 00:05:31.560 projects that will require integration

NOTE Confidence: 0.9251438

00:05:31.779 --> 00:05:33.160 with epic services

NOTE Confidence: 0.82873535

00:05:33.540 --> 00:05:35.415 and few others things.

NOTE Confidence: 0.87395686

00:05:36.995 --> 00:05:38.915 Custom datasets and custom data

NOTE Confidence: 0.87395686

00:05:38.915 --> 00:05:41.154 marks. Some some, groups have

NOTE Confidence: 0.87395686

00:05:41.154 --> 00:05:41.654 registries,

NOTE Confidence: 0.93828124

00:05:41.955 --> 00:05:43.335 for example, of a particular,

NOTE Confidence: 0.9057617

00:05:44.435 --> 00:05:44.935 disease,

NOTE Confidence: 0.89859617

00:05:45.315 --> 00:05:46.355 all the patients in that

NOTE Confidence: 0.89859617

00:05:46.355 --> 00:05:47.315 and so on. So that

NOTE Confidence: 0.89859617

00:05:47.315 --> 00:05:48.130 all needs to be done

NOTE Confidence: 0.89859617

00:05:48.130 --> 00:05:48.355 in a very protected manner.

NOTE Confidence: 0.7705078

00:05:50.730 --> 00:05:51.230 Cosmos
NOTE Confidence: 0.94873047
00:05:51.690 --> 00:05:52.089 is,
NOTE Confidence: 0.92498374
00:05:52.650 --> 00:05:53.850 some of you may know
NOTE Confidence: 0.92498374
00:05:53.850 --> 00:05:55.529 or or or not, Epic
NOTE Confidence: 0.92498374
00:05:55.529 --> 00:05:57.550 has this consortium of institutions.
NOTE Confidence: 0.9095459
00:05:58.089 --> 00:05:59.210 There are two hundred forty
NOTE Confidence: 0.9095459
00:05:59.210 --> 00:05:59.710 seven,
NOTE Confidence: 0.94592285
00:06:00.570 --> 00:06:02.565 of them, I believe, across,
NOTE Confidence: 0.94592285
00:06:02.805 --> 00:06:04.565 the United States in which
NOTE Confidence: 0.94592285
00:06:04.565 --> 00:06:06.505 they agree to share
NOTE Confidence: 0.87698025
00:06:06.964 --> 00:06:09.225 the identified data or limited
NOTE Confidence: 0.87698025
00:06:09.285 --> 00:06:10.585 data sets, some some,
NOTE Confidence: 0.95328856
00:06:11.525 --> 00:06:13.765 special type of data. And
NOTE Confidence: 0.95328856
00:06:13.765 --> 00:06:14.725 only the members of the
NOTE Confidence: 0.95328856
00:06:14.725 --> 00:06:17.125 consortium can use. You are
NOTE Confidence: 0.95328856
00:06:17.125 --> 00:06:18.325 members as as you are

NOTE Confidence: 0.95328856
00:06:18.325 --> 00:06:19.820 at at Yale now, and
NOTE Confidence: 0.95328856
00:06:19.820 --> 00:06:21.100 then you can consult. And
NOTE Confidence: 0.95328856
00:06:21.100 --> 00:06:23.260 that's way more data than
NOTE Confidence: 0.95328856
00:06:23.260 --> 00:06:25.180 the local health system, which
NOTE Confidence: 0.95328856
00:06:25.180 --> 00:06:27.020 is a large one, but
NOTE Confidence: 0.95328856
00:06:27.020 --> 00:06:29.100 nothing compared to two hundred
NOTE Confidence: 0.95328856
00:06:29.100 --> 00:06:30.400 eighteen million patients.
NOTE Confidence: 0.9588734
00:06:30.935 --> 00:06:32.615 And also, as you know,
NOTE Confidence: 0.9588734
00:06:32.615 --> 00:06:34.455 the papers that are single
NOTE Confidence: 0.9588734
00:06:34.455 --> 00:06:34.955 center
NOTE Confidence: 0.9555664
00:06:35.654 --> 00:06:37.194 are less likely to be,
NOTE Confidence: 0.9848633
00:06:37.815 --> 00:06:39.574 published in high end journals
NOTE Confidence: 0.9848633
00:06:39.574 --> 00:06:40.775 and so on. So I
NOTE Confidence: 0.9848633
00:06:40.775 --> 00:06:41.835 encourage you
NOTE Confidence: 0.95214844
00:06:42.214 --> 00:06:43.974 to, get the training that
NOTE Confidence: 0.95214844

00:06:43.974 --> 00:06:45.974 is necessary for Cosmos. It's
NOTE Confidence: 0.95214844

00:06:45.974 --> 00:06:48.110 not everyone is allowed, but
NOTE Confidence: 0.95214844

00:06:48.110 --> 00:06:49.650 every department has,
NOTE Confidence: 0.94405425

00:06:50.910 --> 00:06:52.430 or will send a a
NOTE Confidence: 0.94405425

00:06:52.430 --> 00:06:54.190 representative to be the data
NOTE Confidence: 0.94405425

00:06:54.190 --> 00:06:55.410 person for Cosmos.
NOTE Confidence: 0.9355992

00:06:55.870 --> 00:06:57.169 So if you are interested,
NOTE Confidence: 0.9355992

00:06:57.229 --> 00:06:59.250 do ask your department representatives
NOTE Confidence: 0.9355992

00:06:59.550 --> 00:07:00.585 or come to us.
NOTE Confidence: 0.977946

00:07:01.145 --> 00:07:03.544 OMOP is a standardized type
NOTE Confidence: 0.977946

00:07:03.544 --> 00:07:05.164 of clinical data warehouse.
NOTE Confidence: 0.9114075

00:07:05.544 --> 00:07:07.865 It's analysis friendly friendly, and
NOTE Confidence: 0.9114075

00:07:07.865 --> 00:07:08.664 you can use,
NOTE Confidence: 0.99348956

00:07:09.145 --> 00:07:10.365 that as well.
NOTE Confidence: 0.8749398

00:07:12.264 --> 00:07:14.905 Clinical research applications, electronic data
NOTE Confidence: 0.8749398

00:07:14.905 --> 00:07:16.410 capture tools. You might have

NOTE Confidence: 0.8749398

00:07:16.410 --> 00:07:17.930 heard of REDCap. There is

NOTE Confidence: 0.8749398

00:07:17.930 --> 00:07:19.770 portions of EPIC for this

NOTE Confidence: 0.8749398

00:07:19.770 --> 00:07:20.730 purpose in in,

NOTE Confidence: 0.98478186

00:07:21.370 --> 00:07:22.510 another EDC.

NOTE Confidence: 0.95353925

00:07:23.690 --> 00:07:26.250 IRB approved econsent systems are

NOTE Confidence: 0.95353925

00:07:26.250 --> 00:07:28.010 available as well for your

NOTE Confidence: 0.95353925

00:07:28.010 --> 00:07:30.545 studies, clinical trial management, and

NOTE Confidence: 0.95353925

00:07:30.545 --> 00:07:32.465 integration with the electronic health

NOTE Confidence: 0.95353925

00:07:32.465 --> 00:07:33.605 record system.

NOTE Confidence: 0.8040161

00:07:34.865 --> 00:07:37.125 Integrated cohorts discovering screening

NOTE Confidence: 0.9613909

00:07:37.425 --> 00:07:39.105 management tools. You want to

NOTE Confidence: 0.9613909

00:07:39.105 --> 00:07:40.465 know how many patients with

NOTE Confidence: 0.9613909

00:07:40.465 --> 00:07:41.490 x, y, and z,

NOTE Confidence: 0.9986049

00:07:42.210 --> 00:07:43.490 have been seen in the

NOTE Confidence: 0.9986049

00:07:43.490 --> 00:07:44.710 system since

NOTE Confidence: 0.96888566

00:07:45.169 --> 00:07:46.610 two thousand and ten. That
NOTE Confidence: 0.96888566

00:07:46.610 --> 00:07:47.830 that should be something
NOTE Confidence: 0.96154785

00:07:48.130 --> 00:07:49.750 relatively easy to query.
NOTE Confidence: 0.9093385

00:07:50.610 --> 00:07:52.470 And then custom software engineering
NOTE Confidence: 0.9093385

00:07:52.530 --> 00:07:54.690 services that, takes longer. And
NOTE Confidence: 0.9093385

00:07:54.690 --> 00:07:56.155 then, again, it it's a
NOTE Confidence: 0.9093385

00:07:56.155 --> 00:07:57.935 discussion on is it doable,
NOTE Confidence: 0.9093385

00:07:58.155 --> 00:07:59.595 what are the timelines, what
NOTE Confidence: 0.9093385

00:07:59.595 --> 00:08:01.275 are the funding, and so
NOTE Confidence: 0.9093385

00:08:01.275 --> 00:08:01.775 on.
NOTE Confidence: 0.9559082

00:08:02.315 --> 00:08:04.575 Patient recruitment and outreach systems
NOTE Confidence: 0.9559082

00:08:04.635 --> 00:08:06.495 with a patient portal, self-service,
NOTE Confidence: 0.9185791

00:08:07.035 --> 00:08:08.175 cohort identification,
NOTE Confidence: 0.94353694

00:08:08.955 --> 00:08:11.110 or if it's complicated, let's
NOTE Confidence: 0.94353694

00:08:11.110 --> 00:08:12.790 say you have to have
NOTE Confidence: 0.94353694

00:08:12.790 --> 00:08:13.290 patients

NOTE Confidence: 0.9992676
00:08:13.750 --> 00:08:15.530 who have not taken this
NOTE Confidence: 0.9992676
00:08:15.750 --> 00:08:16.810 class of drugs
NOTE Confidence: 0.91083986
00:08:17.270 --> 00:08:19.690 before this procedure and and
NOTE Confidence: 0.975708
00:08:20.150 --> 00:08:21.750 something that gets more complex,
NOTE Confidence: 0.975708
00:08:21.750 --> 00:08:23.190 then you can also get
NOTE Confidence: 0.975708
00:08:23.190 --> 00:08:25.130 assistance from data analysts.
NOTE Confidence: 0.9343262
00:08:26.255 --> 00:08:28.035 Like I said, create registries
NOTE Confidence: 0.9343262
00:08:28.095 --> 00:08:29.075 and self management,
NOTE Confidence: 0.99035645
00:08:29.855 --> 00:08:30.995 outreach lists.
NOTE Confidence: 0.9338379
00:08:31.455 --> 00:08:33.475 We also have the first,
NOTE Confidence: 0.9632813
00:08:34.255 --> 00:08:36.575 external database we have licensed
NOTE Confidence: 0.9632813
00:08:36.575 --> 00:08:38.275 for the whole Yale University
NOTE Confidence: 0.98950195
00:08:39.000 --> 00:08:39.500 is,
NOTE Confidence: 0.7083333
00:08:39.880 --> 00:08:41.100 Meritiv MarketScan.
NOTE Confidence: 0.9324544
00:08:41.720 --> 00:08:42.620 This is based,
NOTE Confidence: 0.947876

00:08:43.800 --> 00:08:44.840 essentially of,
NOTE Confidence: 0.96313477

00:08:45.240 --> 00:08:47.240 claims data, and many people
NOTE Confidence: 0.96313477

00:08:47.240 --> 00:08:48.620 do research on that,
NOTE Confidence: 0.96132815

00:08:49.400 --> 00:08:51.020 as well, and it's available.
NOTE Confidence: 0.96054476

00:08:51.335 --> 00:08:52.695 We have partnered with the
NOTE Confidence: 0.96054476

00:08:52.695 --> 00:08:54.535 library so that they can
NOTE Confidence: 0.96054476

00:08:54.535 --> 00:08:56.295 help you with access to
NOTE Confidence: 0.96054476

00:08:56.295 --> 00:08:57.895 this, with access to the
NOTE Confidence: 0.96054476

00:08:57.895 --> 00:08:58.795 all of us,
NOTE Confidence: 0.9467163

00:08:59.575 --> 00:09:01.415 research program data, which,
NOTE Confidence: 0.98272705

00:09:01.815 --> 00:09:03.575 currently has a very large
NOTE Confidence: 0.98272705

00:09:03.575 --> 00:09:04.715 collection, the largest
NOTE Confidence: 0.9905599

00:09:05.095 --> 00:09:06.120 in the US
NOTE Confidence: 0.93530273

00:09:06.520 --> 00:09:07.020 of,
NOTE Confidence: 0.9714508

00:09:07.800 --> 00:09:09.800 sequences of human genomes. It
NOTE Confidence: 0.9714508

00:09:09.800 --> 00:09:11.080 has a lot of electronic

NOTE Confidence: 0.9714508
00:09:11.080 --> 00:09:13.020 health record data in standardized
NOTE Confidence: 0.9714508
00:09:13.240 --> 00:09:13.740 format,
NOTE Confidence: 0.9788411
00:09:14.200 --> 00:09:15.179 and it has,
NOTE Confidence: 0.99658203
00:09:15.720 --> 00:09:16.860 questionnaire data
NOTE Confidence: 0.9929199
00:09:17.240 --> 00:09:17.980 as well.
NOTE Confidence: 0.9786377
00:09:18.440 --> 00:09:20.279 And besides that, we have
NOTE Confidence: 0.9786377
00:09:20.279 --> 00:09:20.760 also,
NOTE Confidence: 0.9326579
00:09:21.355 --> 00:09:23.035 organized a local copy of
NOTE Confidence: 0.9326579
00:09:23.035 --> 00:09:24.175 the UK Biobank
NOTE Confidence: 0.8985252
00:09:24.635 --> 00:09:25.915 even though the the rules
NOTE Confidence: 0.8985252
00:09:25.915 --> 00:09:27.615 are changing for that Biobank
NOTE Confidence: 0.8985252
00:09:27.675 --> 00:09:29.135 and, will we
NOTE Confidence: 0.97473145
00:09:29.595 --> 00:09:31.135 be a similar model
NOTE Confidence: 0.974707
00:09:31.595 --> 00:09:32.635 of the all of us
NOTE Confidence: 0.974707
00:09:32.635 --> 00:09:33.515 in which you have to
NOTE Confidence: 0.974707

00:09:33.515 --> 00:09:35.054 compute it in their particular
NOTE Confidence: 0.9970703

00:09:35.434 --> 00:09:35.934 designated
NOTE Confidence: 0.95458984

00:09:36.459 --> 00:09:37.760 cloud. But so far,
NOTE Confidence: 0.99645996

00:09:38.220 --> 00:09:39.580 we we have been able
NOTE Confidence: 0.99645996

00:09:39.580 --> 00:09:40.080 to,
NOTE Confidence: 0.99551725

00:09:40.779 --> 00:09:42.380 have a local version of
NOTE Confidence: 0.99551725

00:09:42.380 --> 00:09:44.480 it. And lastly, we have
NOTE Confidence: 0.99551725

00:09:44.620 --> 00:09:45.519 new online
NOTE Confidence: 0.9365958

00:09:45.899 --> 00:09:47.580 educational programs. Let me see
NOTE Confidence: 0.9365958

00:09:47.580 --> 00:09:49.555 if it shows here. In
NOTE Confidence: 0.9365958

00:09:49.555 --> 00:09:50.995 which what we did is
NOTE Confidence: 0.9365958

00:09:50.995 --> 00:09:53.475 recordings of, short modules. So
NOTE Confidence: 0.9365958

00:09:53.475 --> 00:09:54.515 if you were interested in
NOTE Confidence: 0.9365958

00:09:54.515 --> 00:09:55.095 a particular
NOTE Confidence: 0.94549006

00:09:55.635 --> 00:09:57.495 aspect of AI and medicine,
NOTE Confidence: 0.94549006

00:09:57.795 --> 00:09:59.575 we we developed a certificate

NOTE Confidence: 0.94549006
00:09:59.875 --> 00:10:00.375 program
NOTE Confidence: 0.969165
00:10:00.835 --> 00:10:02.355 in which the the it's
NOTE Confidence: 0.969165
00:10:02.355 --> 00:10:04.590 an online program in which
NOTE Confidence: 0.969165
00:10:04.910 --> 00:10:06.750 every module is about a
NOTE Confidence: 0.969165
00:10:06.750 --> 00:10:08.590 topic of interest. We are
NOTE Confidence: 0.969165
00:10:08.590 --> 00:10:09.790 trying to set up a
NOTE Confidence: 0.969165
00:10:09.790 --> 00:10:12.370 master's program in medical AI
NOTE Confidence: 0.906779
00:10:13.070 --> 00:10:14.750 as well. And in many
NOTE Confidence: 0.906779
00:10:14.750 --> 00:10:16.430 other trainees that I I
NOTE Confidence: 0.906779
00:10:16.430 --> 00:10:18.110 don't have time here because,
NOTE Confidence: 0.9418422
00:10:18.925 --> 00:10:21.165 I gave sixty seconds to
NOTE Confidence: 0.9418422
00:10:21.165 --> 00:10:22.925 David Coleman this morning, so
NOTE Confidence: 0.9418422
00:10:22.925 --> 00:10:24.545 he has more time
NOTE Confidence: 0.9639253
00:10:25.245 --> 00:10:26.385 to talk to you today.
NOTE Confidence: 0.9639253
00:10:26.684 --> 00:10:28.125 So I'm not sure about
NOTE Confidence: 0.9639253

00:10:28.125 --> 00:10:29.245 the format, if you have
NOTE Confidence: 0.9639253

00:10:29.245 --> 00:10:31.405 any specific questions now or
NOTE Confidence: 0.9639253

00:10:31.405 --> 00:10:31.905 later.
NOTE Confidence: 0.8901716

00:10:32.365 --> 00:10:34.070 I maybe one question or
NOTE Confidence: 0.8901716

00:10:34.070 --> 00:10:34.889 two now.
NOTE Confidence: 0.86621094

00:10:36.550 --> 00:10:37.050 Or
NOTE Confidence: 0.8474121

00:10:37.670 --> 00:10:38.329 it was
NOTE Confidence: 0.99471027

00:10:38.630 --> 00:10:40.870 absolutely clear what what we
NOTE Confidence: 0.99471027

00:10:40.870 --> 00:10:42.790 have. Thank you so much.
NOTE Confidence: 0.99471027

00:10:42.790 --> 00:10:43.529 Thank you.
NOTE Confidence: 0.8996379

00:10:50.764 --> 00:10:51.964 And now we'll have doctor
NOTE Confidence: 0.8996379

00:10:51.964 --> 00:10:53.404 David Coleman, who's the director
NOTE Confidence: 0.8996379

00:10:53.404 --> 00:10:54.065 of YCCI.
NOTE Confidence: 0.98095703

00:10:54.524 --> 00:10:55.825 Let me just get back
NOTE Confidence: 0.9647461

00:10:56.524 --> 00:10:58.144 to yours. There we go.
NOTE Confidence: 0.94262695

00:10:59.245 --> 00:11:00.945 Thanks, Sam. Good morning, everyone.

NOTE Confidence: 0.9941406
00:11:01.500 --> 00:11:02.000 And,
NOTE Confidence: 0.9637562
00:11:02.700 --> 00:11:03.900 I'll join with the many
NOTE Confidence: 0.9637562
00:11:03.900 --> 00:11:05.660 other speakers in welcoming you
NOTE Confidence: 0.9637562
00:11:05.660 --> 00:11:06.160 and
NOTE Confidence: 0.97265625
00:11:06.540 --> 00:11:07.040 and,
NOTE Confidence: 0.9998779
00:11:07.980 --> 00:11:09.900 expressing how excited we are
NOTE Confidence: 0.9998779
00:11:09.900 --> 00:11:10.800 to have the
NOTE Confidence: 0.98583984
00:11:11.179 --> 00:11:11.679 opportunity,
NOTE Confidence: 0.9984464
00:11:12.460 --> 00:11:13.580 for you to join our
NOTE Confidence: 0.9984464
00:11:13.580 --> 00:11:14.940 community and to work with
NOTE Confidence: 0.9984464
00:11:14.940 --> 00:11:15.440 you.
NOTE Confidence: 0.98986816
00:11:17.205 --> 00:11:17.945 My role,
NOTE Confidence: 0.9904175
00:11:18.885 --> 00:11:20.165 here at Yale is to
NOTE Confidence: 0.9904175
00:11:20.165 --> 00:11:21.285 serve as the,
NOTE Confidence: 0.98168945
00:11:21.684 --> 00:11:22.184 current,
NOTE Confidence: 0.96484375

00:11:22.565 --> 00:11:24.085 interim director of the Yale
NOTE Confidence: 0.96484375

00:11:24.085 --> 00:11:26.005 Center for Clinical Investigation, as
NOTE Confidence: 0.96484375

00:11:26.005 --> 00:11:26.745 well as,
NOTE Confidence: 0.9815918

00:11:27.285 --> 00:11:29.305 director of clinical research for,
NOTE Confidence: 0.90664065

00:11:29.860 --> 00:11:31.059 the School of Medicine and
NOTE Confidence: 0.90664065

00:11:31.059 --> 00:11:32.600 Yale New Haven Health System,
NOTE Confidence: 0.977417

00:11:33.140 --> 00:11:33.960 very recently,
NOTE Confidence: 0.9277344

00:11:35.059 --> 00:11:35.559 implemented,
NOTE Confidence: 0.9970703

00:11:36.340 --> 00:11:36.840 position.
NOTE Confidence: 0.97953796

00:11:37.700 --> 00:11:38.660 So I will give you
NOTE Confidence: 0.97953796

00:11:38.660 --> 00:11:40.580 a very, brief overview of
NOTE Confidence: 0.97953796

00:11:40.580 --> 00:11:42.040 some of the clinical research
NOTE Confidence: 0.97953796

00:11:42.100 --> 00:11:42.600 infrastructure
NOTE Confidence: 0.9729411

00:11:43.300 --> 00:11:44.660 at Yale in the hopes
NOTE Confidence: 0.9729411

00:11:44.660 --> 00:11:45.160 that,
NOTE Confidence: 0.99564034

00:11:46.155 --> 00:11:47.515 you will take advantage of

NOTE Confidence: 0.99564034

00:11:47.515 --> 00:11:49.275 what is a very, very

NOTE Confidence: 0.99564034

00:11:49.275 --> 00:11:51.295 substantial commitment of institutional

NOTE Confidence: 0.98128253

00:11:51.595 --> 00:11:53.615 resources to facilitate,

NOTE Confidence: 0.96850586

00:11:54.395 --> 00:11:56.795 discovery in in patients and

NOTE Confidence: 0.96850586

00:11:56.795 --> 00:11:57.295 humans.

NOTE Confidence: 0.94873047

00:11:58.955 --> 00:11:59.275 So,

NOTE Confidence: 0.9778085

00:12:02.209 --> 00:12:03.329 what I hope to cover

NOTE Confidence: 0.9778085

00:12:03.329 --> 00:12:05.329 is the, brief description of

NOTE Confidence: 0.9778085

00:12:05.329 --> 00:12:07.910 the infrastructure broadly, and then

NOTE Confidence: 0.9778085

00:12:08.130 --> 00:12:08.929 tell you in a little

NOTE Confidence: 0.9778085

00:12:08.929 --> 00:12:10.370 more detail about the Yale

NOTE Confidence: 0.9778085

00:12:10.370 --> 00:12:11.829 Center for Clinical Investigation,

NOTE Confidence: 0.98010254

00:12:12.929 --> 00:12:13.649 and then,

NOTE Confidence: 0.9822998

00:12:14.050 --> 00:12:15.410 describe some of the training

NOTE Confidence: 0.9822998

00:12:15.410 --> 00:12:15.910 options,

NOTE Confidence: 0.97314453

00:12:16.625 --> 00:12:17.125 available,
NOTE Confidence: 0.9915039
00:12:17.905 --> 00:12:19.845 to you as new faculty.
NOTE Confidence: 0.9717407
00:12:22.065 --> 00:12:23.445 So the clinical research,
NOTE Confidence: 0.9951172
00:12:23.905 --> 00:12:24.405 infrastructure
NOTE Confidence: 0.9043666
00:12:24.945 --> 00:12:26.725 at, the school of medicine
NOTE Confidence: 0.9043666
00:12:26.865 --> 00:12:27.605 is really
NOTE Confidence: 0.9204625
00:12:27.905 --> 00:12:30.145 divisible perhaps into three major
NOTE Confidence: 0.9204625
00:12:30.145 --> 00:12:31.425 groups. The first, the Yale
NOTE Confidence: 0.9204625
00:12:31.425 --> 00:12:33.019 Center for Clinical Investigation
NOTE Confidence: 0.90633136
00:12:33.880 --> 00:12:35.019 is the administrative,
NOTE Confidence: 0.9360623
00:12:35.959 --> 00:12:37.559 and intellectual home of the
NOTE Confidence: 0.9360623
00:12:37.559 --> 00:12:39.740 Clinical Translational Science Award,
NOTE Confidence: 0.9909668
00:12:40.440 --> 00:12:40.940 which,
NOTE Confidence: 0.98616534
00:12:41.399 --> 00:12:42.459 has been continuously
NOTE Confidence: 0.9649658
00:12:43.480 --> 00:12:44.445 awarded to,
NOTE Confidence: 0.9946289
00:12:44.925 --> 00:12:45.425 Yale,

NOTE Confidence: 0.9897239
00:12:46.285 --> 00:12:47.645 since the inception of the
NOTE Confidence: 0.9897239
00:12:47.645 --> 00:12:49.804 awards back in, two thousand
NOTE Confidence: 0.9897239
00:12:49.804 --> 00:12:50.304 six.
NOTE Confidence: 0.8782552
00:12:52.205 --> 00:12:52.925 We are a,
NOTE Confidence: 0.9143764
00:12:54.125 --> 00:12:55.804 a university center, that is
NOTE Confidence: 0.9143764
00:12:55.804 --> 00:12:56.465 we serve,
NOTE Confidence: 0.9614258
00:12:57.245 --> 00:12:58.865 all the schools of Yale
NOTE Confidence: 0.9614258
00:12:58.925 --> 00:12:59.425 University,
NOTE Confidence: 0.92248535
00:12:59.970 --> 00:13:01.110 although primarily,
NOTE Confidence: 0.96000975
00:13:01.889 --> 00:13:03.490 our our customers, if you
NOTE Confidence: 0.96000975
00:13:03.490 --> 00:13:05.750 will, are faculty and trainees
NOTE Confidence: 0.96000975
00:13:05.809 --> 00:13:07.110 from the School of Medicine.
NOTE Confidence: 0.9812012
00:13:09.089 --> 00:13:10.769 The Yale Cancer Center is
NOTE Confidence: 0.9812012
00:13:10.769 --> 00:13:11.510 a sister,
NOTE Confidence: 1
00:13:12.370 --> 00:13:12.870 organization
NOTE Confidence: 0.88842773

00:13:13.250 --> 00:13:13.750 that,
NOTE Confidence: 0.977832

00:13:14.845 --> 00:13:16.945 is obviously focused on infrastructure
NOTE Confidence: 0.99975586

00:13:17.645 --> 00:13:19.184 and training for support
NOTE Confidence: 0.9858028

00:13:19.725 --> 00:13:22.285 of, cancer related studies. So
NOTE Confidence: 0.9858028

00:13:22.285 --> 00:13:23.805 it's reasonable to think of
NOTE Confidence: 0.9858028

00:13:23.805 --> 00:13:24.305 YCCI
NOTE Confidence: 0.91918945

00:13:24.765 --> 00:13:26.225 as primarily supporting,
NOTE Confidence: 0.99934894

00:13:27.040 --> 00:13:28.340 research and training
NOTE Confidence: 0.98833555

00:13:29.200 --> 00:13:30.340 in non oncology
NOTE Confidence: 1

00:13:30.880 --> 00:13:31.380 areas
NOTE Confidence: 0.79956055

00:13:31.760 --> 00:13:33.059 and the cancer center,
NOTE Confidence: 0.9690552

00:13:33.440 --> 00:13:35.380 obviously, focused on oncology.
NOTE Confidence: 0.9855957

00:13:36.240 --> 00:13:37.700 And then there have,
NOTE Confidence: 0.9737549

00:13:38.240 --> 00:13:38.980 over the,
NOTE Confidence: 0.9751465

00:13:39.760 --> 00:13:42.025 past fifteen or twenty years,
NOTE Confidence: 0.9751465

00:13:42.025 --> 00:13:43.485 been a number of departmentally

NOTE Confidence: 0.99365234
00:13:44.345 --> 00:13:44.845 based,
NOTE Confidence: 0.9814941
00:13:45.385 --> 00:13:47.325 in some cases, section based,
NOTE Confidence: 0.99348956
00:13:48.105 --> 00:13:49.405 units that provide,
NOTE Confidence: 0.9918823
00:13:50.345 --> 00:13:52.285 elements of clinical research,
NOTE Confidence: 0.89404297
00:13:52.825 --> 00:13:53.325 infrastructure.
NOTE Confidence: 0.9523763
00:13:54.059 --> 00:13:55.420 And I've listed here on
NOTE Confidence: 0.9523763
00:13:55.420 --> 00:13:56.460 this slide some of the
NOTE Confidence: 0.9523763
00:13:56.460 --> 00:13:58.240 departments that had made that,
NOTE Confidence: 0.97680664
00:13:58.780 --> 00:13:59.280 commitment.
NOTE Confidence: 0.98764646
00:14:00.540 --> 00:14:02.160 And so one has a,
NOTE Confidence: 0.9916992
00:14:02.860 --> 00:14:04.240 a variety of different,
NOTE Confidence: 1
00:14:05.100 --> 00:14:06.800 opportunities to be supported
NOTE Confidence: 0.9751325
00:14:07.375 --> 00:14:09.615 in your, research endeavors and
NOTE Confidence: 0.9751325
00:14:09.615 --> 00:14:10.355 your training,
NOTE Confidence: 0.98049784
00:14:11.695 --> 00:14:12.815 depending on the type of
NOTE Confidence: 0.98049784

00:14:12.815 --> 00:14:14.175 research you do, that is
NOTE Confidence: 0.98049784

00:14:14.175 --> 00:14:16.035 oncology versus non oncology,
NOTE Confidence: 0.99902344

00:14:16.655 --> 00:14:18.175 and the departments that you
NOTE Confidence: 0.99902344

00:14:18.175 --> 00:14:19.075 reside in.
NOTE Confidence: 0.98511964

00:14:19.630 --> 00:14:21.070 Our our center and the
NOTE Confidence: 0.98511964

00:14:21.070 --> 00:14:23.310 cancer centers fully support all
NOTE Confidence: 0.98511964

00:14:23.310 --> 00:14:24.990 of the departments that are
NOTE Confidence: 0.98511964

00:14:24.990 --> 00:14:27.089 on the the the third,
NOTE Confidence: 0.8970947

00:14:27.630 --> 00:14:28.529 bullet here.
NOTE Confidence: 0.9974447

00:14:28.990 --> 00:14:30.430 So it's not it's not
NOTE Confidence: 0.9974447

00:14:30.430 --> 00:14:32.050 that, if you're in cardiology,
NOTE Confidence: 0.9974447

00:14:32.190 --> 00:14:33.785 you can't get help from,
NOTE Confidence: 0.97420245

00:14:34.404 --> 00:14:35.925 either the cancer center or
NOTE Confidence: 0.97420245

00:14:35.925 --> 00:14:36.425 YCCI.
NOTE Confidence: 0.9985107

00:14:40.324 --> 00:14:42.504 So the mission of YCCI,
NOTE Confidence: 0.99872506

00:14:43.444 --> 00:14:44.725 is shown here. I'll go

NOTE Confidence: 0.99872506
00:14:44.725 --> 00:14:45.944 through it very quickly.
NOTE Confidence: 0.99327254
00:14:46.510 --> 00:14:48.110 This center has about two
NOTE Confidence: 0.99327254
00:14:48.110 --> 00:14:49.570 hundred and twenty five
NOTE Confidence: 0.91101074
00:14:50.029 --> 00:14:50.850 staff members.
NOTE Confidence: 0.94862586
00:14:51.630 --> 00:14:52.910 It was established in two
NOTE Confidence: 0.94862586
00:14:52.910 --> 00:14:53.890 thousand five,
NOTE Confidence: 0.85758466
00:14:55.470 --> 00:14:57.570 a precursor to the CTSA,
NOTE Confidence: 0.97772217
00:14:58.829 --> 00:15:00.350 RFA that that came out
NOTE Confidence: 0.97772217
00:15:00.350 --> 00:15:01.490 around that time.
NOTE Confidence: 0.9377093
00:15:02.775 --> 00:15:05.575 So our goals are really
NOTE Confidence: 0.9377093
00:15:05.575 --> 00:15:06.475 to accelerate
NOTE Confidence: 0.95043945
00:15:08.055 --> 00:15:09.355 and and really develop
NOTE Confidence: 0.75472003
00:15:09.735 --> 00:15:10.475 a a culture
NOTE Confidence: 0.9519043
00:15:10.855 --> 00:15:11.355 of,
NOTE Confidence: 0.9030762
00:15:11.975 --> 00:15:12.475 innovation,
NOTE Confidence: 0.8071289

00:15:12.775 --> 00:15:13.275 evaluation,
NOTE Confidence: 0.9650879

00:15:13.735 --> 00:15:14.235 collaboration,
NOTE Confidence: 0.9772949

00:15:15.175 --> 00:15:17.595 and implementation of new treatments,
NOTE Confidence: 0.8207194

00:15:18.990 --> 00:15:20.449 for, human disease.
NOTE Confidence: 0.97802734

00:15:21.630 --> 00:15:23.889 We work very carefully and,
NOTE Confidence: 0.9926758

00:15:24.269 --> 00:15:24.930 I think
NOTE Confidence: 0.8984375

00:15:25.310 --> 00:15:25.810 comprehensively
NOTE Confidence: 0.9536675

00:15:26.190 --> 00:15:27.470 with a number of community
NOTE Confidence: 0.9536675

00:15:27.470 --> 00:15:29.009 partners to co develop
NOTE Confidence: 0.92578125

00:15:29.470 --> 00:15:30.370 and implement,
NOTE Confidence: 0.9680176

00:15:31.149 --> 00:15:33.410 research that is particularly relevant,
NOTE Confidence: 0.9995117

00:15:34.235 --> 00:15:35.055 to improving
NOTE Confidence: 0.9229213

00:15:35.435 --> 00:15:36.875 the health outcomes of the
NOTE Confidence: 0.9229213

00:15:36.875 --> 00:15:38.175 communities served,
NOTE Confidence: 0.90165204

00:15:38.555 --> 00:15:39.915 by Yale New Haven Health
NOTE Confidence: 0.90165204

00:15:39.915 --> 00:15:40.415 System.

NOTE Confidence: 0.97106934
00:15:42.235 --> 00:15:42.894 We are,
NOTE Confidence: 0.9996745
00:15:43.834 --> 00:15:46.175 focusing very heavily on developing
NOTE Confidence: 0.9996745
00:15:46.394 --> 00:15:46.894 new
NOTE Confidence: 0.9958496
00:15:47.279 --> 00:15:49.360 translational research methods under the
NOTE Confidence: 0.9958496
00:15:49.360 --> 00:15:50.180 banner of,
NOTE Confidence: 0.9914551
00:15:50.880 --> 00:15:53.519 what, NIH is describing as
NOTE Confidence: 0.9914551
00:15:53.519 --> 00:15:54.019 translational
NOTE Confidence: 0.97106934
00:15:54.399 --> 00:15:56.000 science. So we are,
NOTE Confidence: 0.9888916
00:15:56.880 --> 00:15:58.420 very focused on supporting,
NOTE Confidence: 0.99886066
00:15:59.199 --> 00:16:01.620 new research methods to develop
NOTE Confidence: 0.99886066
00:16:01.680 --> 00:16:02.180 novel
NOTE Confidence: 0.99176025
00:16:02.615 --> 00:16:05.115 approaches to, clinical investigation.
NOTE Confidence: 0.98545617
00:16:06.535 --> 00:16:08.454 We have a very important
NOTE Confidence: 0.98545617
00:16:08.454 --> 00:16:09.355 training function.
NOTE Confidence: 0.96655273
00:16:10.454 --> 00:16:12.375 Our training programs, which I'll
NOTE Confidence: 0.96655273

00:16:12.375 --> 00:16:13.274 describe briefly,
NOTE Confidence: 0.95654297

00:16:13.815 --> 00:16:14.315 momentarily,
NOTE Confidence: 0.94863284

00:16:15.014 --> 00:16:16.954 are perhaps the most successful,
NOTE Confidence: 0.8581543

00:16:18.310 --> 00:16:19.610 demonstrably successful,
NOTE Confidence: 0.9868815

00:16:20.470 --> 00:16:22.170 elements of, YCCI's,
NOTE Confidence: 0.99013674

00:16:23.430 --> 00:16:25.290 now nearly twenty year history.
NOTE Confidence: 0.9873047

00:16:27.190 --> 00:16:27.930 And then,
NOTE Confidence: 0.96099854

00:16:28.390 --> 00:16:29.990 very recently, we have,
NOTE Confidence: 0.95458984

00:16:31.995 --> 00:16:33.455 been part of the,
NOTE Confidence: 0.99967444

00:16:34.475 --> 00:16:35.615 really invigorated
NOTE Confidence: 0.9423828

00:16:35.995 --> 00:16:37.515 commitment of the school of
NOTE Confidence: 0.9423828

00:16:37.515 --> 00:16:38.015 medicine
NOTE Confidence: 0.81895226

00:16:38.635 --> 00:16:40.475 and Yale New Haven Health
NOTE Confidence: 0.81895226

00:16:40.475 --> 00:16:41.535 System's leadership
NOTE Confidence: 0.9937134

00:16:42.075 --> 00:16:43.615 to really work in,
NOTE Confidence: 0.97672045

00:16:44.315 --> 00:16:46.415 in alignment in ways that

NOTE Confidence: 0.97672045
00:16:46.580 --> 00:16:48.900 that really ultimately benefit the
NOTE Confidence: 0.97672045
00:16:48.900 --> 00:16:50.740 patients that we serve and
NOTE Confidence: 0.97672045
00:16:50.740 --> 00:16:51.480 really promote,
NOTE Confidence: 0.97469074
00:16:52.020 --> 00:16:53.080 a level of,
NOTE Confidence: 0.9855957
00:16:53.620 --> 00:16:54.760 discovery that,
NOTE Confidence: 1
00:16:55.300 --> 00:16:55.800 extends
NOTE Confidence: 0.98535156
00:16:56.180 --> 00:16:56.680 geographically
NOTE Confidence: 0.97802734
00:16:57.220 --> 00:16:57.720 throughout,
NOTE Confidence: 0.86648995
00:16:58.180 --> 00:16:59.460 Connecticut and all of the
NOTE Confidence: 0.86648995
00:16:59.460 --> 00:17:00.820 areas served by the El
NOTE Confidence: 0.86648995
00:17:00.820 --> 00:17:02.120 Mohave and health system.
NOTE Confidence: 0.99316406
00:17:05.755 --> 00:17:07.515 We have many services that
NOTE Confidence: 0.99316406
00:17:07.515 --> 00:17:08.335 we offer,
NOTE Confidence: 0.9954834
00:17:09.355 --> 00:17:10.955 and I encourage you I'll
NOTE Confidence: 0.9954834
00:17:10.955 --> 00:17:12.174 I'll give you the website
NOTE Confidence: 0.94331056

00:17:12.554 --> 00:17:14.715 URL at the end. But,
NOTE Confidence: 0.9833171

00:17:15.115 --> 00:17:16.095 just to briefly,
NOTE Confidence: 0.95947266

00:17:16.794 --> 00:17:17.294 describe,
NOTE Confidence: 0.97216797

00:17:18.690 --> 00:17:19.750 we we,
NOTE Confidence: 0.99275714

00:17:20.369 --> 00:17:22.369 typically divide our services up
NOTE Confidence: 0.99275714

00:17:22.369 --> 00:17:22.869 into
NOTE Confidence: 0.9885254

00:17:23.250 --> 00:17:24.230 a pre award,
NOTE Confidence: 0.9027507

00:17:25.490 --> 00:17:27.730 or activation phase and then
NOTE Confidence: 0.9027507

00:17:27.730 --> 00:17:28.210 a,
NOTE Confidence: 0.9932454

00:17:28.609 --> 00:17:30.389 post award and study maintenance
NOTE Confidence: 0.9932454

00:17:30.450 --> 00:17:30.950 phase.
NOTE Confidence: 0.9951782

00:17:31.294 --> 00:17:32.655 In the pre award phase,
NOTE Confidence: 0.9951782

00:17:32.655 --> 00:17:34.355 we offer a number of
NOTE Confidence: 0.9951782

00:17:34.414 --> 00:17:35.635 services from,
NOTE Confidence: 0.9986572

00:17:36.494 --> 00:17:37.635 I have an idea,
NOTE Confidence: 0.994751

00:17:39.054 --> 00:17:40.275 that I need to,

NOTE Confidence: 0.9986049

00:17:41.615 --> 00:17:42.975 refine in the form of

NOTE Confidence: 0.9986049

00:17:42.975 --> 00:17:43.715 a hypothesis

NOTE Confidence: 1

00:17:44.509 --> 00:17:45.009 and

NOTE Confidence: 0.9432509

00:17:45.389 --> 00:17:47.789 then design a research study

NOTE Confidence: 0.9432509

00:17:47.789 --> 00:17:49.169 to address that hypothesis.

NOTE Confidence: 0.9821999

00:17:50.109 --> 00:17:51.070 We have a number of

NOTE Confidence: 0.9821999

00:17:51.070 --> 00:17:53.070 people with expertise in study

NOTE Confidence: 0.9821999

00:17:53.070 --> 00:17:53.570 design

NOTE Confidence: 0.9825963

00:17:54.029 --> 00:17:56.595 and, the quantitative aspects of

NOTE Confidence: 0.9825963

00:17:56.835 --> 00:17:57.734 of constructing

NOTE Confidence: 0.88242185

00:17:58.115 --> 00:18:00.534 a meaningful clinical research protocol.

NOTE Confidence: 0.9559796

00:18:02.355 --> 00:18:03.794 And then we provide a

NOTE Confidence: 0.9559796

00:18:03.794 --> 00:18:05.475 lot of services related to

NOTE Confidence: 0.9559796

00:18:05.475 --> 00:18:06.695 getting a study,

NOTE Confidence: 0.99902344

00:18:07.794 --> 00:18:08.294 developed

NOTE Confidence: 0.9786377

00:18:08.595 --> 00:18:09.575 and activated,
NOTE Confidence: 0.84749347

00:18:10.990 --> 00:18:11.490 budgeted,
NOTE Confidence: 0.98516846

00:18:12.030 --> 00:18:13.730 and, off the ground.
NOTE Confidence: 0.9191673

00:18:14.270 --> 00:18:16.270 And then following the the
NOTE Confidence: 0.9191673

00:18:16.270 --> 00:18:18.770 the award of a research
NOTE Confidence: 0.9191673

00:18:18.830 --> 00:18:19.330 protocol,
NOTE Confidence: 0.9248047

00:18:20.270 --> 00:18:21.230 we work pretty,
NOTE Confidence: 0.7751465

00:18:22.429 --> 00:18:22.929 carefully,
NOTE Confidence: 0.9963623

00:18:24.284 --> 00:18:26.524 to provide a comprehensive range
NOTE Confidence: 0.9963623

00:18:26.524 --> 00:18:28.544 of services to help execute,
NOTE Confidence: 0.9810791

00:18:29.325 --> 00:18:29.984 the protocol.
NOTE Confidence: 0.9535319

00:18:30.924 --> 00:18:32.144 These range from,
NOTE Confidence: 0.999163

00:18:33.005 --> 00:18:34.845 individuals to help with the
NOTE Confidence: 0.999163

00:18:34.845 --> 00:18:35.825 various regulatory
NOTE Confidence: 0.8696289

00:18:36.125 --> 00:18:37.410 components to
NOTE Confidence: 0.970459

00:18:37.890 --> 00:18:38.950 actual research,

NOTE Confidence: 0.84106445
00:18:39.490 --> 00:18:39.990 assistants,
NOTE Confidence: 0.9949341
00:18:40.530 --> 00:18:42.550 research nurses, research personnel,
NOTE Confidence: 0.91015625
00:18:43.330 --> 00:18:43.730 to,
NOTE Confidence: 0.97302246
00:18:44.290 --> 00:18:45.350 execute the,
NOTE Confidence: 0.96484375
00:18:46.530 --> 00:18:47.030 protocol.
NOTE Confidence: 0.72595215
00:18:52.815 --> 00:18:53.555 Our website
NOTE Confidence: 0.96533203
00:18:53.935 --> 00:18:54.435 is,
NOTE Confidence: 0.99013674
00:18:55.055 --> 00:18:57.635 undergoing very, very substantial revision.
NOTE Confidence: 0.95242745
00:18:58.095 --> 00:18:59.135 I just spent most of
NOTE Confidence: 0.95242745
00:18:59.135 --> 00:18:59.715 the morning,
NOTE Confidence: 0.99416775
00:19:00.255 --> 00:19:02.015 going through, the most recent
NOTE Confidence: 0.99416775
00:19:02.015 --> 00:19:03.315 draft of our website.
NOTE Confidence: 0.999442
00:19:04.140 --> 00:19:05.580 We are migrating to some
NOTE Confidence: 0.999442
00:19:05.580 --> 00:19:06.320 new software
NOTE Confidence: 0.98380536
00:19:06.780 --> 00:19:08.080 by mid September.
NOTE Confidence: 0.9924045

00:19:08.540 --> 00:19:09.900 We're going to be using
NOTE Confidence: 0.9924045

00:19:09.900 --> 00:19:12.060 Salesforce to provide a much
NOTE Confidence: 0.9924045

00:19:12.060 --> 00:19:14.320 higher level of timely service
NOTE Confidence: 0.9924045

00:19:14.540 --> 00:19:15.440 to the faculty.
NOTE Confidence: 0.9970703

00:19:16.065 --> 00:19:16.565 But,
NOTE Confidence: 0.9875488

00:19:17.105 --> 00:19:18.385 I just wanted to show
NOTE Confidence: 0.9875488

00:19:18.385 --> 00:19:20.385 you the the snapshot of
NOTE Confidence: 0.9875488

00:19:20.385 --> 00:19:22.065 our our current draft, which
NOTE Confidence: 0.9875488

00:19:22.065 --> 00:19:23.044 will have a,
NOTE Confidence: 0.9802246

00:19:23.664 --> 00:19:24.804 request services
NOTE Confidence: 0.96655273

00:19:25.105 --> 00:19:25.605 now,
NOTE Confidence: 0.99194336

00:19:26.304 --> 00:19:26.804 button,
NOTE Confidence: 0.9947374

00:19:27.424 --> 00:19:29.345 to link to the whole
NOTE Confidence: 0.9947374

00:19:29.345 --> 00:19:31.044 array of services that,
NOTE Confidence: 0.97717285

00:19:31.559 --> 00:19:32.059 YCCI,
NOTE Confidence: 0.8886719

00:19:33.240 --> 00:19:33.740 offers.

NOTE Confidence: 0.9847819
00:19:34.119 --> 00:19:35.340 So one can,
NOTE Confidence: 0.98481447
00:19:36.359 --> 00:19:38.059 really go on and and,
NOTE Confidence: 0.991333
00:19:39.080 --> 00:19:39.980 select services,
NOTE Confidence: 0.9876709
00:19:40.840 --> 00:19:42.200 on an ad hoc basis
NOTE Confidence: 0.9876709
00:19:42.200 --> 00:19:43.340 or more comprehensive
NOTE Confidence: 0.93640137
00:19:43.640 --> 00:19:44.700 services related,
NOTE Confidence: 0.973999
00:19:45.744 --> 00:19:46.304 to your,
NOTE Confidence: 0.96972656
00:19:46.865 --> 00:19:47.925 particular needs.
NOTE Confidence: 0.99009484
00:19:49.984 --> 00:19:51.505 And these forms are are
NOTE Confidence: 0.99009484
00:19:51.505 --> 00:19:52.225 all being,
NOTE Confidence: 0.9523926
00:19:52.785 --> 00:19:53.845 modified. So,
NOTE Confidence: 0.99597985
00:19:54.865 --> 00:19:56.545 the key is that, we
NOTE Confidence: 0.99597985
00:19:56.545 --> 00:19:57.585 wanna make it as easy
NOTE Confidence: 0.99597985
00:19:57.585 --> 00:19:59.365 as possible for you to
NOTE Confidence: 0.9797363
00:19:59.665 --> 00:20:01.490 access us, and we want,
NOTE Confidence: 0.97717285

00:20:02.109 --> 00:20:03.310 faculty to be able to
NOTE Confidence: 0.97717285

00:20:03.310 --> 00:20:04.770 come through a single portal,
NOTE Confidence: 0.98657227

00:20:05.070 --> 00:20:07.550 and we work then around
NOTE Confidence: 0.98657227

00:20:07.550 --> 00:20:09.490 that faculty member to provide,
NOTE Confidence: 0.99912107

00:20:09.950 --> 00:20:11.570 the services that are needed.
NOTE Confidence: 0.97979736

00:20:13.655 --> 00:20:15.434 So our, training resources
NOTE Confidence: 1

00:20:15.895 --> 00:20:16.395 are
NOTE Confidence: 0.98995537

00:20:16.855 --> 00:20:19.095 extremely important, and I urge
NOTE Confidence: 0.98995537

00:20:19.095 --> 00:20:20.615 you to take advantage of
NOTE Confidence: 0.98995537

00:20:20.615 --> 00:20:22.075 them. They range from,
NOTE Confidence: 0.8989619

00:20:22.775 --> 00:20:24.934 salaried positions on a in
NOTE Confidence: 0.8989619

00:20:24.934 --> 00:20:26.795 a, KL two format,
NOTE Confidence: 0.97924805

00:20:27.840 --> 00:20:28.340 to,
NOTE Confidence: 0.98339844

00:20:29.280 --> 00:20:29.780 various,
NOTE Confidence: 0.994222

00:20:31.280 --> 00:20:32.500 seminars and courses,
NOTE Confidence: 0.99679905

00:20:33.280 --> 00:20:34.640 that can be very helpful

NOTE Confidence: 0.99679905

00:20:34.640 --> 00:20:35.840 to you as you,

NOTE Confidence: 0.84033203

00:20:38.080 --> 00:20:39.380 seek additional training.

NOTE Confidence: 0.9983724

00:20:39.775 --> 00:20:41.054 So in addition to the

NOTE Confidence: 0.9983724

00:20:41.054 --> 00:20:41.554 formal

NOTE Confidence: 0.9550781

00:20:41.934 --> 00:20:43.295 KL two program, which is

NOTE Confidence: 0.9550781

00:20:43.295 --> 00:20:44.515 a one or two year,

NOTE Confidence: 0.94348145

00:20:45.135 --> 00:20:45.934 award, it's,

NOTE Confidence: 0.89813906

00:20:47.215 --> 00:20:48.975 an institutional award through the

NOTE Confidence: 0.89813906

00:20:48.975 --> 00:20:49.475 CTSA.

NOTE Confidence: 0.96490884

00:20:51.215 --> 00:20:53.775 We offer, services and training

NOTE Confidence: 0.96490884

00:20:53.775 --> 00:20:55.410 in grant writing. This is

NOTE Confidence: 0.96490884

00:20:55.410 --> 00:20:56.750 one of our most popular

NOTE Confidence: 0.84539795

00:20:57.210 --> 00:20:59.230 and frankly successful offerings.

NOTE Confidence: 0.9333496

00:21:00.010 --> 00:21:01.470 We have a a program,

NOTE Confidence: 0.8629395

00:21:01.930 --> 00:21:04.110 so called ROCCATs program, which,

NOTE Confidence: 0.94634455

00:21:04.730 --> 00:21:06.890 is a, summer program in,
NOTE Confidence: 0.94634455

00:21:07.369 --> 00:21:09.770 developing collaborative skills and team
NOTE Confidence: 0.94634455

00:21:09.770 --> 00:21:10.270 science,
NOTE Confidence: 0.9545085

00:21:11.265 --> 00:21:12.625 a number of research and
NOTE Confidence: 0.9545085

00:21:12.625 --> 00:21:13.125 progress
NOTE Confidence: 0.9892578

00:21:13.505 --> 00:21:14.005 opportunities
NOTE Confidence: 0.77563477

00:21:14.305 --> 00:21:15.445 and and meetings,
NOTE Confidence: 0.9848633

00:21:16.145 --> 00:21:16.885 with other,
NOTE Confidence: 0.9962972

00:21:17.905 --> 00:21:19.425 trainees and scholars in the
NOTE Confidence: 0.9962972

00:21:19.425 --> 00:21:19.925 program.
NOTE Confidence: 0.9995117

00:21:20.545 --> 00:21:21.605 One of the most
NOTE Confidence: 0.99853516

00:21:21.984 --> 00:21:22.484 demonstrably
NOTE Confidence: 0.9157715

00:21:23.619 --> 00:21:24.119 consistent,
NOTE Confidence: 0.9644857

00:21:26.100 --> 00:21:27.539 sources of value of these
NOTE Confidence: 0.9644857

00:21:27.539 --> 00:21:29.299 training programs, and I I
NOTE Confidence: 0.9644857

00:21:29.299 --> 00:21:31.299 would emphasize this for you

NOTE Confidence: 0.9644857
00:21:31.299 --> 00:21:33.700 as people relatively new to
NOTE Confidence: 0.9644857
00:21:33.700 --> 00:21:35.140 this Yale community or at
NOTE Confidence: 0.9644857
00:21:35.140 --> 00:21:36.825 least, many of you are,
NOTE Confidence: 0.9923968
00:21:37.144 --> 00:21:39.164 Is is this these programs
NOTE Confidence: 0.9923968
00:21:39.304 --> 00:21:40.205 really create,
NOTE Confidence: 0.99902344
00:21:41.625 --> 00:21:42.125 networking
NOTE Confidence: 0.8414917
00:21:42.585 --> 00:21:43.404 and community.
NOTE Confidence: 0.9941406
00:21:44.024 --> 00:21:44.524 And
NOTE Confidence: 0.9794922
00:21:45.225 --> 00:21:45.965 we get,
NOTE Confidence: 0.9975586
00:21:46.825 --> 00:21:47.965 feedback consistently
NOTE Confidence: 0.9741211
00:21:48.664 --> 00:21:49.144 that
NOTE Confidence: 0.961263
00:21:49.465 --> 00:21:50.365 from the participants
NOTE Confidence: 0.97269696
00:21:50.920 --> 00:21:52.280 say saying we learned a
NOTE Confidence: 0.97269696
00:21:52.280 --> 00:21:53.560 lot of content, but the
NOTE Confidence: 0.97269696
00:21:53.560 --> 00:21:55.480 best part of this was
NOTE Confidence: 0.97269696

00:21:55.480 --> 00:21:56.700 meeting other people
NOTE Confidence: 0.9904175

00:21:57.000 --> 00:21:58.440 who have now become friends
NOTE Confidence: 0.9904175

00:21:58.440 --> 00:21:59.900 and collaborators. So,
NOTE Confidence: 0.97235787

00:22:00.440 --> 00:22:01.800 as you think about your
NOTE Confidence: 0.97235787

00:22:01.800 --> 00:22:03.975 own strategy for integrating and
NOTE Confidence: 0.97235787

00:22:03.975 --> 00:22:05.655 taking advantage of what is
NOTE Confidence: 0.97235787

00:22:05.655 --> 00:22:06.875 a a remarkably
NOTE Confidence: 0.99560547

00:22:07.255 --> 00:22:08.395 talented university
NOTE Confidence: 0.9736328

00:22:08.695 --> 00:22:09.195 community,
NOTE Confidence: 0.99560547

00:22:09.734 --> 00:22:12.475 these training opportunities can be,
NOTE Confidence: 0.9941406

00:22:13.095 --> 00:22:13.595 really,
NOTE Confidence: 0.9986328

00:22:14.135 --> 00:22:16.234 important components of that strategy.
NOTE Confidence: 0.9741211

00:22:18.040 --> 00:22:19.580 We do also provide,
NOTE Confidence: 1

00:22:20.119 --> 00:22:20.619 assistance
NOTE Confidence: 0.9680176

00:22:20.920 --> 00:22:21.240 for,
NOTE Confidence: 0.9355469

00:22:22.760 --> 00:22:24.860 supplements, particularly diversity supplements.

NOTE Confidence: 0.907959
00:22:26.200 --> 00:22:26.700 We,
NOTE Confidence: 0.9376221
00:22:27.880 --> 00:22:29.475 the grad school primarily,
NOTE Confidence: 0.9810697
00:22:29.855 --> 00:22:30.815 is the home for the
NOTE Confidence: 0.9810697
00:22:30.815 --> 00:22:32.894 investigative medicine program, which is
NOTE Confidence: 0.9810697
00:22:32.894 --> 00:22:34.434 Yale's version of,
NOTE Confidence: 0.96551514
00:22:35.134 --> 00:22:36.914 a MD to PhD,
NOTE Confidence: 0.9005127
00:22:37.855 --> 00:22:40.274 postgraduate training. It's an extremely
NOTE Confidence: 0.9005127
00:22:40.494 --> 00:22:40.994 successful
NOTE Confidence: 0.97281903
00:22:41.534 --> 00:22:43.054 program that's been around now
NOTE Confidence: 0.97281903
00:22:43.054 --> 00:22:43.554 for,
NOTE Confidence: 0.9650879
00:22:44.580 --> 00:22:45.320 two decades.
NOTE Confidence: 0.94018555
00:22:46.740 --> 00:22:47.240 We,
NOTE Confidence: 0.8959773
00:22:47.700 --> 00:22:49.460 support that with, a number
NOTE Confidence: 0.8959773
00:22:49.460 --> 00:22:50.660 of our faculty and our
NOTE Confidence: 0.8959773
00:22:50.660 --> 00:22:51.559 and our courses,
NOTE Confidence: 0.9276581

00:22:51.940 --> 00:22:53.220 and then we work arm
NOTE Confidence: 0.9276581

00:22:53.220 --> 00:22:54.980 and arm with the office
NOTE Confidence: 0.9276581

00:22:54.980 --> 00:22:57.160 of physician scientists and scientist
NOTE Confidence: 0.9276581

00:22:57.300 --> 00:22:57.800 development,
NOTE Confidence: 0.9609375

00:22:58.895 --> 00:22:59.395 to,
NOTE Confidence: 0.90844727

00:23:00.015 --> 00:23:00.515 provide,
NOTE Confidence: 0.9995117

00:23:01.215 --> 00:23:02.195 training opportunities
NOTE Confidence: 0.9680176

00:23:02.494 --> 00:23:02.994 for,
NOTE Confidence: 0.99902344

00:23:03.615 --> 00:23:04.115 faculty.
NOTE Confidence: 0.988072

00:23:08.174 --> 00:23:09.635 Some of the the courses
NOTE Confidence: 0.988072

00:23:09.695 --> 00:23:10.434 that are
NOTE Confidence: 0.9774577

00:23:10.734 --> 00:23:12.015 are offered are shown here.
NOTE Confidence: 0.9774577

00:23:12.015 --> 00:23:13.054 I won't go through all
NOTE Confidence: 0.9774577

00:23:13.054 --> 00:23:14.909 of them, but, simply to,
NOTE Confidence: 0.9975993

00:23:16.270 --> 00:23:17.950 suggest that you query our
NOTE Confidence: 0.9975993

00:23:17.950 --> 00:23:18.450 website,

NOTE Confidence: 0.9571533

00:23:19.230 --> 00:23:20.590 to identify some of these

NOTE Confidence: 0.9571533

00:23:20.590 --> 00:23:22.770 training opportunities because they are,

NOTE Confidence: 0.9692383

00:23:24.270 --> 00:23:26.429 quite valuable and either free

NOTE Confidence: 0.9692383

00:23:26.429 --> 00:23:28.049 or relatively inexpensive.

NOTE Confidence: 0.9827474

00:23:31.804 --> 00:23:33.905 So I will close then

NOTE Confidence: 0.9827474

00:23:34.205 --> 00:23:34.705 by,

NOTE Confidence: 1

00:23:35.405 --> 00:23:35.905 suggesting

NOTE Confidence: 0.9951172

00:23:36.445 --> 00:23:36.945 that,

NOTE Confidence: 0.9942627

00:23:37.565 --> 00:23:38.304 the university,

NOTE Confidence: 0.9642334

00:23:39.645 --> 00:23:40.385 the school,

NOTE Confidence: 0.98917645

00:23:40.850 --> 00:23:42.130 and the health system have

NOTE Confidence: 0.98917645

00:23:42.130 --> 00:23:42.630 made

NOTE Confidence: 0.8840332

00:23:43.090 --> 00:23:43.990 very substantial,

NOTE Confidence: 0.9467285

00:23:44.290 --> 00:23:45.910 and I would say durable,

NOTE Confidence: 0.99902344

00:23:47.250 --> 00:23:47.750 commitments

NOTE Confidence: 0.96209717

00:23:48.450 --> 00:23:50.150 to supporting high quality,
NOTE Confidence: 0.99658203

00:23:50.609 --> 00:23:51.670 clinical research
NOTE Confidence: 0.9424642

00:23:52.050 --> 00:23:53.830 and, research training.
NOTE Confidence: 0.9883423

00:23:54.984 --> 00:23:56.285 And I I hope,
NOTE Confidence: 0.9801549

00:23:57.065 --> 00:23:59.304 you enjoy the benefits of
NOTE Confidence: 0.9801549

00:23:59.304 --> 00:23:59.885 of those,
NOTE Confidence: 1

00:24:00.505 --> 00:24:01.005 commitments.
NOTE Confidence: 0.99902344

00:24:02.665 --> 00:24:05.244 Clinical research methods are evolving
NOTE Confidence: 0.76464844

00:24:05.625 --> 00:24:06.125 and,
NOTE Confidence: 0.9213867

00:24:07.490 --> 00:24:07.990 diversifying,
NOTE Confidence: 0.9690755

00:24:08.369 --> 00:24:09.269 and we are,
NOTE Confidence: 1

00:24:10.210 --> 00:24:10.710 participating
NOTE Confidence: 0.99862903

00:24:11.809 --> 00:24:13.970 in the collective efforts of
NOTE Confidence: 0.99862903

00:24:13.970 --> 00:24:15.570 this community to find new
NOTE Confidence: 0.99862903

00:24:15.570 --> 00:24:16.630 ways to discover,
NOTE Confidence: 0.9995931

00:24:17.490 --> 00:24:19.570 that make our results more

NOTE Confidence: 0.9995931
00:24:19.570 --> 00:24:20.070 generalizable
NOTE Confidence: 0.9926758
00:24:20.690 --> 00:24:21.750 and more impactful
NOTE Confidence: 0.96569824
00:24:22.445 --> 00:24:23.345 in positively,
NOTE Confidence: 0.9920247
00:24:24.365 --> 00:24:25.744 affecting health outcomes.
NOTE Confidence: 0.99609375
00:24:28.285 --> 00:24:28.785 I
NOTE Confidence: 0.9401245
00:24:29.325 --> 00:24:30.685 I wanna join with others
NOTE Confidence: 0.9401245
00:24:30.685 --> 00:24:32.065 in encouraging you,
NOTE Confidence: 0.9905599
00:24:32.605 --> 00:24:34.285 to take advantage of these
NOTE Confidence: 0.9905599
00:24:34.285 --> 00:24:35.905 research and training opportunities,
NOTE Confidence: 0.9187012
00:24:37.289 --> 00:24:37.789 and,
NOTE Confidence: 0.86328125
00:24:38.809 --> 00:24:39.309 to,
NOTE Confidence: 0.9700373
00:24:39.850 --> 00:24:41.630 reach out to me directly
NOTE Confidence: 0.9700373
00:24:41.690 --> 00:24:42.649 if I can help you
NOTE Confidence: 0.9700373
00:24:42.649 --> 00:24:43.130 and,
NOTE Confidence: 0.97766113
00:24:43.609 --> 00:24:45.609 others who are very, very
NOTE Confidence: 0.97766113

00:24:45.609 --> 00:24:46.909 invested in your,
NOTE Confidence: 0.99316406

00:24:47.529 --> 00:24:48.029 success.
NOTE Confidence: 0.9854911

00:24:49.024 --> 00:24:50.544 And then lastly, just to
NOTE Confidence: 0.9854911

00:24:50.544 --> 00:24:51.445 mention that,
NOTE Confidence: 0.98772323

00:24:52.065 --> 00:24:53.924 one of our challenges historically
NOTE Confidence: 0.98772323

00:24:54.144 --> 00:24:54.884 has been
NOTE Confidence: 0.9814453

00:24:55.184 --> 00:24:55.684 that,
NOTE Confidence: 0.9776069

00:24:56.144 --> 00:24:58.465 particularly new faculty, but faculty
NOTE Confidence: 0.9776069

00:24:58.465 --> 00:25:00.144 in general, have often not
NOTE Confidence: 0.9776069

00:25:00.144 --> 00:25:01.744 been as aware of the
NOTE Confidence: 0.9776069

00:25:01.744 --> 00:25:02.804 range of services
NOTE Confidence: 0.9637044

00:25:03.345 --> 00:25:04.244 that are offered.
NOTE Confidence: 0.97195095

00:25:04.990 --> 00:25:06.510 That is on us, and
NOTE Confidence: 0.97195095

00:25:06.510 --> 00:25:07.730 we are working diligently
NOTE Confidence: 0.9822998

00:25:08.030 --> 00:25:08.690 to improve,
NOTE Confidence: 0.93934214

00:25:09.390 --> 00:25:11.630 our outreach and our, web

NOTE Confidence: 0.93934214
00:25:11.630 --> 00:25:13.470 services and, and frankly, our
NOTE Confidence: 0.93934214
00:25:13.470 --> 00:25:13.970 usability,
NOTE Confidence: 0.9920654
00:25:14.990 --> 00:25:15.890 to to,
NOTE Confidence: 0.9972796
00:25:16.270 --> 00:25:17.549 be as helpful as we
NOTE Confidence: 0.9972796
00:25:17.549 --> 00:25:18.210 can be.
NOTE Confidence: 0.98010254
00:25:19.025 --> 00:25:20.885 So I will stop there
NOTE Confidence: 0.98010254
00:25:21.105 --> 00:25:21.605 and,
NOTE Confidence: 0.98173827
00:25:23.105 --> 00:25:24.885 ask for any questions or,
NOTE Confidence: 0.9656808
00:25:25.585 --> 00:25:27.184 comments that anyone has, any
NOTE Confidence: 0.9656808
00:25:27.184 --> 00:25:28.085 ways that
NOTE Confidence: 0.9785156
00:25:28.465 --> 00:25:30.225 I can clarify any of
NOTE Confidence: 0.9785156
00:25:30.225 --> 00:25:31.205 that content.