

WEBVTT

NOTE duration:"00:18:21"

NOTE recognizability:0.934

NOTE language:en-us

NOTE Confidence: 0.9320319

00:00:00.000 --> 00:00:01.554 Thanks again, Linda.

NOTE Confidence: 0.9320319

00:00:01.554 --> 00:00:05.923 So just to say there's three of us at

NOTE Confidence: 0.9320319

00:00:05.923 --> 00:00:08.255 the at the four of us actually more

NOTE Confidence: 0.9320319

00:00:08.255 --> 00:00:10.000 than that at the leadership level.

NOTE Confidence: 0.9320319

00:00:10.000 --> 00:00:13.262 But the key people to know aside

NOTE Confidence: 0.9320319

00:00:13.262 --> 00:00:15.820 from myself is John Crystal on

NOTE Confidence: 0.9320319

00:00:15.820 --> 00:00:17.834 the grant that supports the,

NOTE Confidence: 0.9320319

00:00:17.834 --> 00:00:20.986 we call it the what's called the Clinical

NOTE Confidence: 0.9320319

00:00:20.986 --> 00:00:22.990 Translational Science Award from NIH.

NOTE Confidence: 0.9320319

00:00:22.990 --> 00:00:25.440 I'll just mention this in a minute.

NOTE Confidence: 0.9320319

00:00:25.440 --> 00:00:26.376 John Crystal,

NOTE Confidence: 0.9320319

00:00:26.376 --> 00:00:29.026 who's also Chair of Psychiatry and

NOTE Confidence: 0.9320319

00:00:29.026 --> 00:00:31.474 myself are the KOPI eyes on that grant.

NOTE Confidence: 0.9320319

00:00:31.480 --> 00:00:33.760 So we're obviously very deeply involved  
NOTE Confidence: 0.9320319

00:00:33.760 --> 00:00:37.264 and Dave Coleman has come in as an  
NOTE Confidence: 0.9320319

00:00:37.264 --> 00:00:40.038 Interim Director for for YCCI as well,  
NOTE Confidence: 0.9320319

00:00:40.040 --> 00:00:43.800 which has really been great because Dave  
NOTE Confidence: 0.9320319

00:00:43.800 --> 00:00:45.480 really is devoting all of his time.  
NOTE Confidence: 0.9320319

00:00:45.480 --> 00:00:48.696 Dave was faculty here for for a number  
NOTE Confidence: 0.9320319

00:00:48.696 --> 00:00:51.168 of years and then became a chair of  
NOTE Confidence: 0.9320319

00:00:51.168 --> 00:00:52.980 medicine up at Boston University.  
NOTE Confidence: 0.9320319

00:00:52.980 --> 00:00:54.128 And when he retired,  
NOTE Confidence: 0.9320319

00:00:54.128 --> 00:00:55.850 somehow Nancy convinced him that what  
NOTE Confidence: 0.9320319

00:00:55.908 --> 00:00:57.652 he wanted to do was to have another  
NOTE Confidence: 0.9320319

00:00:57.652 --> 00:01:00.100 job that took 180% of his time up.  
NOTE Confidence: 0.9320319

00:01:00.100 --> 00:01:02.859 I'm not sure how she did it, but it's great.  
NOTE Confidence: 0.9320319

00:01:02.860 --> 00:01:05.940 So just to say so the Yale Center  
NOTE Confidence: 0.9320319

00:01:05.940 --> 00:01:08.435 for Clinical Investigation is the  
NOTE Confidence: 0.9320319

00:01:08.435 --> 00:01:10.000 broad infra and superstructure,

NOTE Confidence: 0.9320319

00:01:10.000 --> 00:01:12.130 if you will, for clinical and

NOTE Confidence: 0.9320319

00:01:12.130 --> 00:01:13.980 translational research here at Yale.

NOTE Confidence: 0.9320319

00:01:13.980 --> 00:01:15.700 That doesn't mean it operates all by itself.

NOTE Confidence: 0.9320319

00:01:15.700 --> 00:01:17.800 The Cancer Center has a lot of,

NOTE Confidence: 0.9320319

00:01:17.800 --> 00:01:18.520 a lot of its work.

NOTE Confidence: 0.9320319

00:01:18.520 --> 00:01:21.000 The departments have a lot of work within

NOTE Confidence: 0.9320319

00:01:21.000 --> 00:01:23.200 the departments in these areas and so forth.

NOTE Confidence: 0.9320319

00:01:23.200 --> 00:01:24.885 And it basically has sort

NOTE Confidence: 0.9320319

00:01:24.885 --> 00:01:26.233 of two funding mechanisms.

NOTE Confidence: 0.9320319

00:01:26.240 --> 00:01:28.100 Just so you're aware,

NOTE Confidence: 0.9320319

00:01:28.100 --> 00:01:29.960 there's the underlying grant,

NOTE Confidence: 0.9320319

00:01:29.960 --> 00:01:32.978 which is we were actually in the

NOTE Confidence: 0.9320319

00:01:32.978 --> 00:01:35.023 first group that received this

NOTE Confidence: 0.9320319

00:01:35.023 --> 00:01:37.318 major grant from from the NIH.

NOTE Confidence: 0.9320319

00:01:37.320 --> 00:01:38.400 That's whatever it is now,

NOTE Confidence: 0.9320319

00:01:38.400 --> 00:01:41.907 must be 1617 years ago, 18 years ago.  
NOTE Confidence: 0.9320319

00:01:41.907 --> 00:01:43.641 I'm trying not to remember because  
NOTE Confidence: 0.9320319

00:01:43.641 --> 00:01:46.050 I know we have to renew again in two  
NOTE Confidence: 0.9320319

00:01:46.050 --> 00:01:48.608 years and and in addition to that  
NOTE Confidence: 0.9320319

00:01:48.608 --> 00:01:51.309 there's somewhere between 20 and \$25 million.  
NOTE Confidence: 0.9320319

00:01:51.310 --> 00:01:52.950 It's actually contributed not just  
NOTE Confidence: 0.9320319

00:01:52.950 --> 00:01:54.262 by the Dean's office,  
NOTE Confidence: 0.9320319

00:01:54.270 --> 00:01:56.158 but to its credit by the owner haven  
NOTE Confidence: 0.9320319

00:01:56.158 --> 00:01:57.795 health system to support clinical  
NOTE Confidence: 0.9320319

00:01:57.795 --> 00:01:58.905 and translational research.  
NOTE Confidence: 0.9320319

00:01:58.910 --> 00:02:00.892 And I think that's a a good example of  
NOTE Confidence: 0.9320319

00:02:00.892 --> 00:02:02.710 kind of the partnership that I think is,  
NOTE Confidence: 0.9320319

00:02:02.710 --> 00:02:05.506 is continuing to grow and and  
NOTE Confidence: 0.9320319

00:02:05.510 --> 00:02:08.126 get better and better over time.  
NOTE Confidence: 0.9320319

00:02:08.130 --> 00:02:09.954 We do a variety of things and let  
NOTE Confidence: 0.9320319

00:02:09.954 --> 00:02:11.918 me just move on to that within YCCI

NOTE Confidence: 0.9320319

00:02:11.918 --> 00:02:13.286 that you guys should know about.

NOTE Confidence: 0.9320319

00:02:13.290 --> 00:02:14.922 And I want to make sure I leave

NOTE Confidence: 0.9320319

00:02:14.922 --> 00:02:16.729 enough time for Amy because she's a

NOTE Confidence: 0.9320319

00:02:16.729 --> 00:02:18.079 lot of substantive information to

NOTE Confidence: 0.9320319

00:02:18.132 --> 00:02:19.721 talk about on both based on basic

NOTE Confidence: 0.9320319

00:02:19.721 --> 00:02:21.482 cores and what have you as well.

NOTE Confidence: 0.9320319

00:02:21.482 --> 00:02:23.090 So what the YCCI supports is

NOTE Confidence: 0.9320319

00:02:23.155 --> 00:02:24.743 certainly educational programs for

NOTE Confidence: 0.9320319

00:02:24.743 --> 00:02:27.125 junior faculty members as well as

NOTE Confidence: 0.9320319

00:02:27.185 --> 00:02:28.469 a variety of trainees,

NOTE Confidence: 0.9320319

00:02:28.470 --> 00:02:30.530 students and very significant

NOTE Confidence: 0.9320319

00:02:30.530 --> 00:02:33.105 part at for training staff.

NOTE Confidence: 0.9320319

00:02:33.110 --> 00:02:34.934 One of the issues for those of you

NOTE Confidence: 0.9320319

00:02:34.934 --> 00:02:37.057 who are engaged in clinical and

NOTE Confidence: 0.9320319

00:02:37.057 --> 00:02:38.665 translational research frankly is

NOTE Confidence: 0.9320319

00:02:38.665 --> 00:02:40.217 workforce that's been challenging  
NOTE Confidence: 0.9320319

00:02:40.217 --> 00:02:42.281 particularly since Kovat a lot of  
NOTE Confidence: 0.9320319

00:02:42.281 --> 00:02:45.270 people work remotely now which is fine,  
NOTE Confidence: 0.9320319

00:02:45.270 --> 00:02:46.870 but the total workforce that's  
NOTE Confidence: 0.9320319

00:02:46.870 --> 00:02:48.470 out there sort of diminished.  
NOTE Confidence: 0.9320319

00:02:48.470 --> 00:02:50.654 And so the fact that we can  
NOTE Confidence: 0.9320319

00:02:50.654 --> 00:02:51.590 train up everybody  
NOTE Confidence: 0.93166465

00:02:51.590 --> 00:02:53.540 is really good in terms of  
NOTE Confidence: 0.93166465

00:02:53.540 --> 00:02:55.270 keeping that that workflow going.  
NOTE Confidence: 0.93166465

00:02:55.270 --> 00:02:58.034 We also do pilot funding for in  
NOTE Confidence: 0.93166465

00:02:58.034 --> 00:03:00.249 a variety of targeted areas that  
NOTE Confidence: 0.93166465

00:03:00.249 --> 00:03:01.744 would that changes every year  
NOTE Confidence: 0.93166465

00:03:01.744 --> 00:03:03.809 and there are some core research  
NOTE Confidence: 0.93166465

00:03:03.809 --> 00:03:05.824 resource facilities that we support.  
NOTE Confidence: 0.93166465

00:03:05.830 --> 00:03:07.144 And I'll tell you more about  
NOTE Confidence: 0.93166465

00:03:07.144 --> 00:03:08.509 all this in just a minute.

NOTE Confidence: 0.93166465

00:03:08.510 --> 00:03:10.214 This past safe.

NOTE Confidence: 0.93166465

00:03:10.214 --> 00:03:13.004 This past safe staff and research

NOTE Confidence: 0.93166465

00:03:13.004 --> 00:03:14.803 support services that go along with this.

NOTE Confidence: 0.93166465

00:03:14.810 --> 00:03:16.968 One of the things that again is,

NOTE Confidence: 0.93166465

00:03:16.968 --> 00:03:19.002 is something that is crucial if

NOTE Confidence: 0.93166465

00:03:19.002 --> 00:03:21.286 you're doing a lot of this kind of

NOTE Confidence: 0.93166465

00:03:21.286 --> 00:03:23.450 research is all the regulatory issues

NOTE Confidence: 0.93166465

00:03:23.450 --> 00:03:25.683 INDIDE's you know all the stuff that

NOTE Confidence: 0.93166465

00:03:25.683 --> 00:03:28.098 goes along with that and and that's

NOTE Confidence: 0.93166465

00:03:28.098 --> 00:03:30.192 within the responsibility and the and

NOTE Confidence: 0.93166465

00:03:30.261 --> 00:03:33.522 the the the daily work of the Yale

NOTE Confidence: 0.93166465

00:03:33.522 --> 00:03:34.770 Center for Clinical Investigation.

NOTE Confidence: 0.93166465

00:03:34.770 --> 00:03:36.348 And just to be clear, and again,

NOTE Confidence: 0.93166465

00:03:36.348 --> 00:03:38.511 I think this reflects well on the

NOTE Confidence: 0.93166465

00:03:38.511 --> 00:03:40.230 university and I think it's why we,

NOTE Confidence: 0.93166465

00:03:40.230 --> 00:03:42.990 why where we are, we excel.

NOTE Confidence: 0.93166465

00:03:42.990 --> 00:03:44.898 I think it's part of the reason that we

NOTE Confidence: 0.93166465

00:03:44.898 --> 00:03:46.681 excel and that is that we really don't

NOTE Confidence: 0.93166465

00:03:46.681 --> 00:03:48.749 think of this is just a School of Medicine,

NOTE Confidence: 0.93166465

00:03:48.750 --> 00:03:49.030 a grant.

NOTE Confidence: 0.93166465

00:03:49.030 --> 00:03:50.010 And in fact it is a grant

NOTE Confidence: 0.93166465

00:03:50.010 --> 00:03:50.988 to the whole university.

NOTE Confidence: 0.93166465

00:03:50.990 --> 00:03:52.360 And there's huge participation not

NOTE Confidence: 0.93166465

00:03:52.360 --> 00:03:54.230 just by the School of Medicine,

NOTE Confidence: 0.93166465

00:03:54.230 --> 00:03:55.350 but by the School of Public Health,

NOTE Confidence: 0.93166465

00:03:55.350 --> 00:03:56.514 School of Nursing,

NOTE Confidence: 0.93166465

00:03:56.514 --> 00:03:58.066 actually the engineering school,

NOTE Confidence: 0.93166465

00:03:58.070 --> 00:03:59.870 the Faculty of Arts and Sciences

NOTE Confidence: 0.93166465

00:03:59.870 --> 00:04:01.874 and even even the law school and the

NOTE Confidence: 0.93166465

00:04:01.874 --> 00:04:03.109 School of Management have particular

NOTE Confidence: 0.93166465

00:04:03.109 --> 00:04:04.639 parts that we help to support



NOTE Confidence: 0.93166465

00:04:04.639 --> 00:04:06.814 through the YCCI for various types

NOTE Confidence: 0.93166465

00:04:06.814 --> 00:04:09.324 of really I think kind of exciting

NOTE Confidence: 0.93166465

00:04:09.324 --> 00:04:10.720 clinical and translational research.

NOTE Confidence: 0.93166465

00:04:10.720 --> 00:04:13.480 So this is just some of the educational

NOTE Confidence: 0.93166465

00:04:13.480 --> 00:04:14.799 funding opportunities and again,

NOTE Confidence: 0.93166465

00:04:14.800 --> 00:04:16.768 not worth going and into any

NOTE Confidence: 0.93166465

00:04:16.768 --> 00:04:18.080 great details on this,

NOTE Confidence: 0.93166465

00:04:18.080 --> 00:04:20.582 but just to say there's a

NOTE Confidence: 0.93166465

00:04:20.582 --> 00:04:21.833 multidisciplinary predoctoral program,

NOTE Confidence: 0.93166465

00:04:21.840 --> 00:04:23.784 there's a multidisciplinary

NOTE Confidence: 0.93166465

00:04:23.784 --> 00:04:25.080 postdoctoral program.

NOTE Confidence: 0.93166465

00:04:25.080 --> 00:04:25.311 Again,

NOTE Confidence: 0.93166465

00:04:25.311 --> 00:04:26.928 things that we can talk about and

NOTE Confidence: 0.93166465

00:04:26.928 --> 00:04:28.722 you can find out more about as

NOTE Confidence: 0.93166465

00:04:28.722 --> 00:04:30.894 needed if you're if you're you

NOTE Confidence: 0.93166465

00:04:30.894 --> 00:04:32.680 know hiring on grad students,  
NOTE Confidence: 0.93166465

00:04:32.680 --> 00:04:33.380 postdocs etcetera.  
NOTE Confidence: 0.93166465

00:04:33.380 --> 00:04:35.480 There's also two of the major  
NOTE Confidence: 0.93166465

00:04:35.539 --> 00:04:37.289 educational programs that actually Yale  
NOTE Confidence: 0.93166465

00:04:37.289 --> 00:04:39.427 number of years ago was instrumental  
NOTE Confidence: 0.93166465

00:04:39.427 --> 00:04:41.395 kind of across the country and  
NOTE Confidence: 0.93166465

00:04:41.395 --> 00:04:43.751 creating one is called the National  
NOTE Confidence: 0.93166465

00:04:43.751 --> 00:04:45.579 Clinical Clinician Scholars Program.  
NOTE Confidence: 0.93166465

00:04:45.580 --> 00:04:47.526 That's actually what some of you may  
NOTE Confidence: 0.93166465

00:04:47.526 --> 00:04:49.858 know is the old Robert Wood Johnson  
NOTE Confidence: 0.93166465

00:04:49.858 --> 00:04:52.140 program and that is a master's  
NOTE Confidence: 0.93166465

00:04:52.140 --> 00:04:54.500 degree granting program with a very,  
NOTE Confidence: 0.93166465

00:04:54.500 --> 00:04:56.208 very rigorous curriculum and  
NOTE Confidence: 0.93166465

00:04:56.208 --> 00:04:59.180 really has is a two year long  
NOTE Confidence: 0.9259938

00:05:01.400 --> 00:05:02.480 educational experience that  
NOTE Confidence: 0.9259938

00:05:02.480 --> 00:05:03.812 really is, is excellent.

NOTE Confidence: 0.9259938

00:05:03.812 --> 00:05:05.036 And then the investigative

NOTE Confidence: 0.9259938

00:05:05.036 --> 00:05:06.751 medicine program is one that you

NOTE Confidence: 0.9259938

00:05:06.751 --> 00:05:08.277 may or may not be familiar with.

NOTE Confidence: 0.9259938

00:05:08.280 --> 00:05:10.194 This generally is for individuals who

NOTE Confidence: 0.9259938

00:05:10.194 --> 00:05:12.716 are MD Onlys who want to obtain a pH.

NOTE Confidence: 0.9259938

00:05:12.720 --> 00:05:14.968 D degree so that they can do their

NOTE Confidence: 0.9259938

00:05:14.968 --> 00:05:16.439 investigative work in that context.

NOTE Confidence: 0.9259938

00:05:16.440 --> 00:05:19.345 And that's exactly what this program does.

NOTE Confidence: 0.9259938

00:05:19.350 --> 00:05:21.110 And so if you are,

NOTE Confidence: 0.9259938

00:05:21.110 --> 00:05:24.782 if you have just the just the MD degree,

NOTE Confidence: 0.9259938

00:05:24.790 --> 00:05:26.398 many of us kind of do that and

NOTE Confidence: 0.9259938

00:05:26.398 --> 00:05:27.829 managed to do research on that.

NOTE Confidence: 0.9259938

00:05:27.830 --> 00:05:29.864 But it's not a bad thing to necessarily get

NOTE Confidence: 0.9259938

00:05:29.864 --> 00:05:32.028 the training for a PhD degree on top of it.

NOTE Confidence: 0.9259938

00:05:32.030 --> 00:05:33.745 And that can either be in the

NOTE Confidence: 0.9259938

00:05:33.750 --> 00:05:35.870 kind of in the more of the health  
NOTE Confidence: 0.9259938

00:05:35.870 --> 00:05:37.736 services side of research and those  
NOTE Confidence: 0.9259938

00:05:37.736 --> 00:05:39.486 kinds of things or even very,  
NOTE Confidence: 0.9259938

00:05:39.486 --> 00:05:40.470 very basic, you know,  
NOTE Confidence: 0.9259938

00:05:40.470 --> 00:05:42.010 flies and fish and all those kinds  
NOTE Confidence: 0.9259938

00:05:42.010 --> 00:05:43.332 of wonderful things research.  
NOTE Confidence: 0.9259938

00:05:43.332 --> 00:05:45.144 There's a number of other things  
NOTE Confidence: 0.9259938

00:05:45.144 --> 00:05:46.430 on the faculty level.  
NOTE Confidence: 0.9259938

00:05:46.430 --> 00:05:48.950 There's the YCCI Scholar Awards  
NOTE Confidence: 0.9259938

00:05:48.950 --> 00:05:51.274 and that again is a mechanism for  
NOTE Confidence: 0.9259938

00:05:51.274 --> 00:05:53.172 for junior faculty and again maybe  
NOTE Confidence: 0.9259938

00:05:53.172 --> 00:05:54.482 something you're interested in and  
NOTE Confidence: 0.9259938

00:05:54.482 --> 00:05:56.023 we can talk about it separately  
NOTE Confidence: 0.9259938

00:05:56.023 --> 00:05:57.343 not to take the time now.  
NOTE Confidence: 0.9259938

00:05:57.350 --> 00:05:59.270 And that has been a very successful program.  
NOTE Confidence: 0.9259938

00:05:59.270 --> 00:05:59.918 It's really great.

NOTE Confidence: 0.9259938

00:05:59.918 --> 00:06:01.590 Of the folks that have come through it,

NOTE Confidence: 0.9259938

00:06:01.590 --> 00:06:02.910 we're always proud of this,

NOTE Confidence: 0.9259938

00:06:02.910 --> 00:06:04.590 98% are still engaged in research.

NOTE Confidence: 0.9259938

00:06:04.590 --> 00:06:06.470 There's been about 1000 grants

NOTE Confidence: 0.9259938

00:06:06.470 --> 00:06:08.948 that those folks have managed to

NOTE Confidence: 0.9259938

00:06:08.950 --> 00:06:11.561 to produce over the last 15 years

NOTE Confidence: 0.9259938

00:06:11.561 --> 00:06:13.655 or so with about almost a billion

NOTE Confidence: 0.9259938

00:06:13.655 --> 00:06:15.000 dollars worth of research funding

NOTE Confidence: 0.9259938

00:06:15.048 --> 00:06:16.548 from that and lots of publication.

NOTE Confidence: 0.9259938

00:06:16.550 --> 00:06:17.778 So it works well.

NOTE Confidence: 0.9259938

00:06:17.778 --> 00:06:19.313 It does extend across the

NOTE Confidence: 0.9259938

00:06:19.313 --> 00:06:20.790 entire research spectrum,

NOTE Confidence: 0.9259938

00:06:20.790 --> 00:06:22.300 again from very basic mechanisms

NOTE Confidence: 0.9259938

00:06:22.300 --> 00:06:24.854 all the way up to to public

NOTE Confidence: 0.9259938

00:06:24.854 --> 00:06:27.542 health types of types of issues.

NOTE Confidence: 0.9259938

00:06:27.550 --> 00:06:29.350 On the second thing here that we provide,  
NOTE Confidence: 0.9259938

00:06:29.350 --> 00:06:31.186 there's pilot funding and core resources.  
NOTE Confidence: 0.9259938

00:06:31.190 --> 00:06:32.675 The pilots are announced once  
NOTE Confidence: 0.9259938

00:06:32.675 --> 00:06:35.245 a year that won't be coming out  
NOTE Confidence: 0.9259938

00:06:35.245 --> 00:06:37.638 until the late fall this year.  
NOTE Confidence: 0.9259938

00:06:37.638 --> 00:06:40.870 We also support some of the core resources,  
NOTE Confidence: 0.9259938

00:06:40.870 --> 00:06:42.166 for example, the pets,  
NOTE Confidence: 0.9259938

00:06:42.166 --> 00:06:44.110 a couple of the imaging centers,  
NOTE Confidence: 0.9259938

00:06:44.110 --> 00:06:46.350 the PET Research Center and the Mr.  
NOTE Confidence: 0.9259938

00:06:46.350 --> 00:06:49.078 Magnetic Resonance Research Center,  
NOTE Confidence: 0.9259938

00:06:49.078 --> 00:06:52.488 the Biostatistics and the bioinformatics  
NOTE Confidence: 0.9259938

00:06:52.488 --> 00:06:55.450 support mechanisms for for clinical  
NOTE Confidence: 0.9259938

00:06:55.450 --> 00:06:57.290 and translational research and  
NOTE Confidence: 0.9259938

00:06:57.290 --> 00:06:59.934 actually help to also support the Yale  
NOTE Confidence: 0.9259938

00:06:59.934 --> 00:07:03.628 Center for Genomic Analysis as well.  
NOTE Confidence: 0.9259938

00:07:03.630 --> 00:07:06.294 So again that's kind of takes care of

NOTE Confidence: 0.9259938

00:07:06.294 --> 00:07:08.870 the first two things that the YCCI does.

NOTE Confidence: 0.9259938

00:07:08.870 --> 00:07:10.790 Then there's kind of the space and staff,

NOTE Confidence: 0.9259938

00:07:10.790 --> 00:07:12.918 and I managed to say it right that

NOTE Confidence: 0.9259938

00:07:12.918 --> 00:07:14.982 time and research support services,

NOTE Confidence: 0.9259938

00:07:14.982 --> 00:07:18.056 there's basically 4 area space areas that

NOTE Confidence: 0.9259938

00:07:18.056 --> 00:07:20.210 are out there, just so you're aware.

NOTE Confidence: 0.9259938

00:07:20.210 --> 00:07:21.570 And again, this is all the kind,

NOTE Confidence: 0.9259938

00:07:21.570 --> 00:07:23.570 there's a very high level kind of view.

NOTE Confidence: 0.9259938

00:07:23.570 --> 00:07:26.167 Just so you know, for outpatient work.

NOTE Confidence: 0.9259938

00:07:26.170 --> 00:07:27.367 There's a thing called the Church St.

NOTE Confidence: 0.9259938

00:07:27.370 --> 00:07:30.890 South Research Unit, which is,

NOTE Confidence: 0.9259938

00:07:30.890 --> 00:07:31.763 which is nice.

NOTE Confidence: 0.9259938

00:07:31.763 --> 00:07:33.887 It actually has a very patient friendly

NOTE Confidence: 0.9259938

00:07:33.887 --> 00:07:36.120 parking which is not always true in

NOTE Confidence: 0.9259938

00:07:36.185 --> 00:07:38.502 New Haven and has the ability to see

NOTE Confidence: 0.9259938

00:07:38.502 --> 00:07:40.330 patients there for research protocols,  
NOTE Confidence: 0.9259938

00:07:40.330 --> 00:07:43.870 even do infusions provide for the  
NOTE Confidence: 0.9259938

00:07:43.870 --> 00:07:45.690 bottoming support and so forth and so  
NOTE Confidence: 0.93811816

00:07:45.743 --> 00:07:47.021 on. There's an inpatient  
NOTE Confidence: 0.93811816

00:07:47.021 --> 00:07:49.283 unit which is called the HRU,  
NOTE Confidence: 0.93811816

00:07:49.290 --> 00:07:51.402 the human research unit within the  
NOTE Confidence: 0.93811816

00:07:51.402 --> 00:07:53.064 confines of Yellow Haven Hospital.  
NOTE Confidence: 0.93811816

00:07:53.064 --> 00:07:55.096 There's actually a sort of a new two  
NOTE Confidence: 0.93811816

00:07:55.096 --> 00:07:57.385 bed unit that's right where the imaging  
NOTE Confidence: 0.93811816

00:07:57.385 --> 00:07:59.062 centers are because sometimes people  
NOTE Confidence: 0.93811816

00:07:59.062 --> 00:08:00.850 really need that aspect of things,  
NOTE Confidence: 0.93811816

00:08:00.850 --> 00:08:02.593 but you need to do an infusion  
NOTE Confidence: 0.93811816

00:08:02.593 --> 00:08:04.637 or this or that beforehand and  
NOTE Confidence: 0.93811816

00:08:04.637 --> 00:08:06.820 support and that that helps to  
NOTE Confidence: 0.93811816

00:08:06.820 --> 00:08:08.590 increase throughput for for clinical  
NOTE Confidence: 0.93811816

00:08:08.650 --> 00:08:10.570 trials and translational trials.



NOTE Confidence: 0.93811816

00:08:10.570 --> 00:08:12.682 And we actually have a unit out of

NOTE Confidence: 0.93811816

00:08:12.682 --> 00:08:14.442 what's called the West Campus which

NOTE Confidence: 0.93811816

00:08:14.442 --> 00:08:16.650 was designed for COVID for individuals

NOTE Confidence: 0.93811816

00:08:16.650 --> 00:08:19.168 who were who were COVID infected and

NOTE Confidence: 0.93811816

00:08:19.168 --> 00:08:21.240 who were going to get trials and we're

NOTE Confidence: 0.93811816

00:08:21.297 --> 00:08:23.090 getting trials for that group of patients.

NOTE Confidence: 0.93811816

00:08:23.090 --> 00:08:24.896 So we can keep it isolated and

NOTE Confidence: 0.93811816

00:08:24.896 --> 00:08:26.448 all that's still out there and

NOTE Confidence: 0.93811816

00:08:26.450 --> 00:08:28.530 is is another effective unit.

NOTE Confidence: 0.93811816

00:08:28.530 --> 00:08:30.102 I'm not going to talk details

NOTE Confidence: 0.93811816

00:08:30.102 --> 00:08:30.888 about workforce development.

NOTE Confidence: 0.93811816

00:08:30.890 --> 00:08:33.740 I kind of alluded to that a few moments ago.

NOTE Confidence: 0.93811816

00:08:33.740 --> 00:08:35.420 But again that's one of the ways

NOTE Confidence: 0.93811816

00:08:35.420 --> 00:08:37.356 we have to try to keep enough

NOTE Confidence: 0.93811816

00:08:37.356 --> 00:08:39.756 support out there for the kinds of

NOTE Confidence: 0.93811816

00:08:39.756 --> 00:08:42.138 individuals that you need to do that,  
NOTE Confidence: 0.93811816

00:08:42.140 --> 00:08:44.737 this kind of this kind of research.  
NOTE Confidence: 0.93811816

00:08:44.740 --> 00:08:45.480 There is,  
NOTE Confidence: 0.93811816

00:08:45.480 --> 00:08:48.156 there is a part of the YCCI  
NOTE Confidence: 0.93811816

00:08:48.156 --> 00:08:49.980 that helps with recruitment.  
NOTE Confidence: 0.93811816

00:08:49.980 --> 00:08:51.562 It extends all the way from something  
NOTE Confidence: 0.93811816

00:08:51.562 --> 00:08:53.331 called the help us Discover clinical  
NOTE Confidence: 0.93811816

00:08:53.331 --> 00:08:54.375 research awareness campaign,  
NOTE Confidence: 0.93811816

00:08:54.380 --> 00:08:55.538 which actually includes  
NOTE Confidence: 0.933216336363636

00:08:57.700 --> 00:09:00.346 samples and a number of individuals  
NOTE Confidence: 0.933216336363636

00:09:00.346 --> 00:09:02.580 who have said they're fast.  
NOTE Confidence: 0.933216336363636

00:09:02.580 --> 00:09:03.890 You know, they're they're very  
NOTE Confidence: 0.933216336363636

00:09:03.890 --> 00:09:05.766 happy to be involved as sort of  
NOTE Confidence: 0.933216336363636

00:09:05.766 --> 00:09:07.296 normal controls and what have you,  
NOTE Confidence: 0.933216336363636

00:09:07.300 --> 00:09:08.536 all of which is very helpful.  
NOTE Confidence: 0.933216336363636

00:09:08.540 --> 00:09:10.220 And there's a whole kind of

NOTE Confidence: 0.933216336363636

00:09:10.220 --> 00:09:11.340 infrastructure to try to,

NOTE Confidence: 0.933216336363636

00:09:11.340 --> 00:09:13.132 to try to do that. Right now,

NOTE Confidence: 0.933216336363636

00:09:13.132 --> 00:09:15.660 most of what we do is centered at

NOTE Confidence: 0.933216336363636

00:09:15.660 --> 00:09:17.940 Young Haven Hospital and this medical,

NOTE Confidence: 0.933216336363636

00:09:17.940 --> 00:09:19.820 the academic Medical Center here

NOTE Confidence: 0.933216336363636

00:09:19.820 --> 00:09:21.338 and the Yale School of Medicine.

NOTE Confidence: 0.933216336363636

00:09:21.340 --> 00:09:23.580 We do extend out to some of the

NOTE Confidence: 0.933216336363636

00:09:23.580 --> 00:09:25.535 other hospitals that Bobber was

NOTE Confidence: 0.933216336363636

00:09:25.535 --> 00:09:27.099 talking about earlier today.

NOTE Confidence: 0.933216336363636

00:09:27.100 --> 00:09:28.860 We have a goal of the course of

NOTE Confidence: 0.933216336363636

00:09:28.860 --> 00:09:30.736 next two years to make that part

NOTE Confidence: 0.933216336363636

00:09:30.736 --> 00:09:32.788 of doing the research that we can

NOTE Confidence: 0.933216336363636

00:09:32.788 --> 00:09:34.636 do truly across the entire health

NOTE Confidence: 0.933216336363636

00:09:34.636 --> 00:09:36.088 system smoother for everybody.

NOTE Confidence: 0.933216336363636

00:09:36.088 --> 00:09:38.572 One of the things that's been

NOTE Confidence: 0.933216336363636

00:09:38.572 --> 00:09:39.923 particularly successful particularly  
NOTE Confidence: 0.933216336363636

00:09:39.923 --> 00:09:43.140 in in trying to get over all the very,  
NOTE Confidence: 0.933216336363636

00:09:43.140 --> 00:09:44.680 very significant historical barriers  
NOTE Confidence: 0.933216336363636

00:09:44.680 --> 00:09:46.990 to a lot of communities being  
NOTE Confidence: 0.933216336363636

00:09:47.053 --> 00:09:48.585 involved in clinical research  
NOTE Confidence: 0.933216336363636

00:09:48.585 --> 00:09:50.490 and not trusting our enterprise.  
NOTE Confidence: 0.933216336363636

00:09:50.490 --> 00:09:52.365 We've really done a terrible  
NOTE Confidence: 0.933216336363636

00:09:52.365 --> 00:09:54.060 job convincing people out there  
NOTE Confidence: 0.933216336363636

00:09:54.060 --> 00:09:56.676 it doesn't matter who that that  
NOTE Confidence: 0.933216336363636

00:09:56.676 --> 00:09:59.054 we're actually trying to do help  
NOTE Confidence: 0.933216336363636

00:09:59.054 --> 00:10:01.418 instead of harm to the populations.  
NOTE Confidence: 0.933216336363636

00:10:01.420 --> 00:10:01.700 Nevertheless,  
NOTE Confidence: 0.933216336363636

00:10:01.700 --> 00:10:03.660 this was created now about 15 years,  
NOTE Confidence: 0.933216336363636

00:10:03.660 --> 00:10:06.216 10 years ago, 11 years ago.  
NOTE Confidence: 0.933216336363636

00:10:06.220 --> 00:10:08.428 The culture ambassador collaboration  
NOTE Confidence: 0.933216336363636

00:10:08.428 --> 00:10:10.500 works through a variety of community

NOTE Confidence: 0.933216336363636

00:10:10.500 --> 00:10:12.427 groups including the AM E Zion

NOTE Confidence: 0.933216336363636

00:10:12.427 --> 00:10:14.802 churches and some of the pastors and

NOTE Confidence: 0.933216336363636

00:10:14.802 --> 00:10:17.499 and and individuals in in the in the

NOTE Confidence: 0.933216336363636

00:10:17.499 --> 00:10:20.700 church as well as one of the advocacy

NOTE Confidence: 0.933216336363636

00:10:20.700 --> 00:10:22.815 groups for for Hispanic individuals,

NOTE Confidence: 0.933216336363636

00:10:22.820 --> 00:10:25.100 Latinx individuals across the state.

NOTE Confidence: 0.933216336363636

00:10:25.100 --> 00:10:27.092 And that's been very successful and

NOTE Confidence: 0.933216336363636

00:10:27.092 --> 00:10:28.420 something else that's available.

NOTE Confidence: 0.933216336363636

00:10:28.420 --> 00:10:29.320 It's a really,

NOTE Confidence: 0.933216336363636

00:10:29.320 --> 00:10:30.820 truly a bidirectional kind of

NOTE Confidence: 0.933216336363636

00:10:30.820 --> 00:10:32.220 operation which is really nice.

NOTE Confidence: 0.933216336363636

00:10:32.220 --> 00:10:33.854 I mean they tell us what they

NOTE Confidence: 0.933216336363636

00:10:33.854 --> 00:10:34.764 think we should be doing,

NOTE Confidence: 0.933216336363636

00:10:34.770 --> 00:10:36.530 we tell them what we're doing and we

NOTE Confidence: 0.933216336363636

00:10:36.530 --> 00:10:38.567 try to get together on the on those

NOTE Confidence: 0.933216336363636

00:10:38.567 --> 00:10:40.369 two things and that's been terrific.  
NOTE Confidence: 0.933216336363636

00:10:40.370 --> 00:10:42.170 There's a lot of compliance issues out there.  
NOTE Confidence: 0.933216336363636

00:10:42.170 --> 00:10:42.410 Again,  
NOTE Confidence: 0.933216336363636

00:10:42.410 --> 00:10:44.090 that's kind of the whole regulatory part.  
NOTE Confidence: 0.933216336363636

00:10:44.090 --> 00:10:46.130 I won't torture you with all of that,  
NOTE Confidence: 0.933216336363636

00:10:46.130 --> 00:10:47.957 but we have an infrastructure that tries  
NOTE Confidence: 0.933216336363636

00:10:47.957 --> 00:10:52.210 to meet a lot of the things that become real,  
NOTE Confidence: 0.933216336363636

00:10:52.210 --> 00:10:55.160 real issues for for these  
NOTE Confidence: 0.933216336363636

00:10:55.160 --> 00:10:56.930 kinds of investigations.  
NOTE Confidence: 0.933216336363636

00:10:56.930 --> 00:10:58.680 Finally,  
NOTE Confidence: 0.933216336363636

00:10:58.680 --> 00:11:00.570 just to mention again that this is  
NOTE Confidence: 0.933216336363636

00:11:00.570 --> 00:11:02.495 focused not just at the School of  
NOTE Confidence: 0.933216336363636

00:11:02.495 --> 00:11:05.085 Medicine but across the the health  
NOTE Confidence: 0.933216336363636

00:11:05.085 --> 00:11:07.920 system and across the various other  
NOTE Confidence: 0.933216336363636

00:11:07.920 --> 00:11:11.280 schools within within Yale University.  
NOTE Confidence: 0.933216336363636

00:11:11.280 --> 00:11:13.856 This is kind of a geographic view of

NOTE Confidence: 0.933216336363636

00:11:13.856 --> 00:11:16.888 all the places that that the YCCI touches.

NOTE Confidence: 0.933216336363636

00:11:16.888 --> 00:11:19.432 Many of these places have places

NOTE Confidence: 0.933216336363636

00:11:19.432 --> 00:11:21.573 to do pure research operations.

NOTE Confidence: 0.933216336363636

00:11:21.573 --> 00:11:23.728 Sometimes that's a coordinated with

NOTE Confidence: 0.933216336363636

00:11:23.728 --> 00:11:26.048 our clinical sites out there through

NOTE Confidence: 0.933216336363636

00:11:26.048 --> 00:11:28.300 Yale Medicine and Yellow Haven Health System.

NOTE Confidence: 0.933216336363636

00:11:28.300 --> 00:11:30.050 We want to do more and more

NOTE Confidence: 0.933216336363636

00:11:30.050 --> 00:11:31.359 of that coordination.

NOTE Confidence: 0.933216336363636

00:11:31.360 --> 00:11:33.784 Some of them are freestanding sites

NOTE Confidence: 0.933216336363636

00:11:33.784 --> 00:11:36.251 meeting particular needs that people have

NOTE Confidence: 0.933216336363636

00:11:36.251 --> 00:11:38.753 for their for their clinical research.

NOTE Confidence: 0.933216336363636

00:11:38.760 --> 00:11:40.308 We do actually interact well with

NOTE Confidence: 0.933216336363636

00:11:40.308 --> 00:11:42.110 the with the VA on these kinds

NOTE Confidence: 0.933216336363636

00:11:42.110 --> 00:11:43.769 of things as best one can with

NOTE Confidence: 0.933216336363636

00:11:43.828 --> 00:11:45.442 a federal entity which can be

NOTE Confidence: 0.933216336363636

00:11:45.442 --> 00:11:46.870 challenging in and of itself.  
NOTE Confidence: 0.933216336363636

00:11:46.870 --> 00:11:49.320 There are a variety of other community  
NOTE Confidence: 0.9329115

00:11:49.320 --> 00:11:50.580 partners out there,  
NOTE Confidence: 0.9329115

00:11:50.580 --> 00:11:55.060 including the two FQHC's in in New Haven,  
NOTE Confidence: 0.9329115

00:11:55.060 --> 00:11:57.100 Fair Haven and Cornell Scott.  
NOTE Confidence: 0.9329115

00:11:57.100 --> 00:11:58.670 And there's actually a fairly  
NOTE Confidence: 0.9329115

00:11:58.670 --> 00:12:00.240 good rapport with the community  
NOTE Confidence: 0.9329115

00:12:00.300 --> 00:12:01.900 practices that may practice it.  
NOTE Confidence: 0.9329115

00:12:01.900 --> 00:12:04.660 Young Haven Hospital and  
NOTE Confidence: 0.9329115

00:12:04.660 --> 00:12:07.420 across the health system.  
NOTE Confidence: 0.9329115

00:12:07.420 --> 00:12:09.532 There is a website.  
NOTE Confidence: 0.9329115

00:12:09.532 --> 00:12:11.540 Gee, we're surprised and there's a  
NOTE Confidence: 0.9329115

00:12:11.540 --> 00:12:13.919 variety of ways to kind of use that  
NOTE Confidence: 0.9329115

00:12:13.919 --> 00:12:15.593 to help navigate your way around.  
NOTE Confidence: 0.9329115

00:12:15.600 --> 00:12:18.155 But again, questions and things like that,  
NOTE Confidence: 0.9329115

00:12:18.160 --> 00:12:19.680 please feel free to to,



NOTE Confidence: 0.9329115  
00:12:19.680 --> 00:12:23.120 to e-mail myself, Dave Coleman,  
NOTE Confidence: 0.9329115  
00:12:23.120 --> 00:12:26.279 John, what have you that then that  
NOTE Confidence: 0.9329115  
00:12:26.279 --> 00:12:27.797 would be that would be great.  
NOTE Confidence: 0.9329115  
00:12:27.800 --> 00:12:30.113 And you can find all this on the website.  
NOTE Confidence: 0.9329115  
00:12:30.120 --> 00:12:32.360 You can actually do it by just kind  
NOTE Confidence: 0.9329115  
00:12:32.360 --> 00:12:33.520 of Googling YCCI plus whatever  
NOTE Confidence: 0.9329115  
00:12:33.520 --> 00:12:34.720 it is you're looking for and  
NOTE Confidence: 0.9329115  
00:12:34.720 --> 00:12:36.000 that that pretty much works well  
NOTE Confidence: 0.9367414  
00:12:38.850 --> 00:12:40.926 form which is short read sequencing.  
NOTE Confidence: 0.9367414  
00:12:40.930 --> 00:12:43.578 But we also have a microarray core which  
NOTE Confidence: 0.9367414  
00:12:43.578 --> 00:12:46.570 does long read sequencing with the pack bio.  
NOTE Confidence: 0.9367414  
00:12:46.570 --> 00:12:49.167 The microarray core also does 10X genomics.  
NOTE Confidence: 0.9367414  
00:12:49.170 --> 00:12:52.300 So we really do a lot of single cell work  
NOTE Confidence: 0.9367414  
00:12:52.382 --> 00:12:55.294 and we're actually going to be expanding  
NOTE Confidence: 0.9367414  
00:12:55.294 --> 00:12:58.290 on those on those types of services.  
NOTE Confidence: 0.9367414

00:12:58.290 --> 00:13:00.852 And then both YCGA and microarray  
NOTE Confidence: 0.9367414

00:13:00.852 --> 00:13:03.008 do offer spatial transcriptomex type  
NOTE Confidence: 0.9367414

00:13:03.008 --> 00:13:05.258 services which we are working on  
NOTE Confidence: 0.9367414

00:13:05.258 --> 00:13:07.751 expanding those and bringing some new  
NOTE Confidence: 0.9367414

00:13:07.751 --> 00:13:09.700 technologies in for both of these cores.  
NOTE Confidence: 0.9367414

00:13:09.700 --> 00:13:11.600 The staff provide services for  
NOTE Confidence: 0.9367414

00:13:11.600 --> 00:13:12.740 next generation sequencing,  
NOTE Confidence: 0.9367414

00:13:12.740 --> 00:13:16.739 bioinformatics and microarrays.  
NOTE Confidence: 0.9367414

00:13:16.740 --> 00:13:18.804 We on top of the next generation sequencing  
NOTE Confidence: 0.9367414

00:13:18.804 --> 00:13:21.017 we do offer a Sanger sequencing core.  
NOTE Confidence: 0.9367414

00:13:21.020 --> 00:13:23.783 So this is a separate core and they do  
NOTE Confidence: 0.9367414

00:13:23.783 --> 00:13:26.378 anything from individual samples to plates,  
NOTE Confidence: 0.9367414

00:13:26.380 --> 00:13:27.306 PCR purification.  
NOTE Confidence: 0.9367414

00:13:27.306 --> 00:13:29.967 They have an extensive a list of  
NOTE Confidence: 0.9367414

00:13:29.967 --> 00:13:31.043 fragment analysis services and  
NOTE Confidence: 0.9367414

00:13:31.043 --> 00:13:32.680 this is all staff provided.

NOTE Confidence: 0.9367414

00:13:32.680 --> 00:13:34.705 So you would drop samples off and you will

NOTE Confidence: 0.9367414

00:13:34.705 --> 00:13:36.798 get data you know usually within 8 hours.

NOTE Confidence: 0.9367414

00:13:36.800 --> 00:13:39.271 We really work to have a very

NOTE Confidence: 0.9367414

00:13:39.271 --> 00:13:40.959 quick turnaround time on that.

NOTE Confidence: 0.9367414

00:13:40.960 --> 00:13:42.184 Same thing kind of goes for

NOTE Confidence: 0.9367414

00:13:42.184 --> 00:13:42.796 the oligo resource.

NOTE Confidence: 0.9367414

00:13:42.800 --> 00:13:45.264 So we'll do anything from you know

NOTE Confidence: 0.9367414

00:13:45.264 --> 00:13:46.973 your standard primers to really

NOTE Confidence: 0.9367414

00:13:46.973 --> 00:13:49.333 complex oligo so you can reach out to

NOTE Confidence: 0.9367414

00:13:49.400 --> 00:13:51.598 them and they will help you design,

NOTE Confidence: 0.9367414

00:13:51.600 --> 00:13:53.148 you know trimmer base like there's

NOTE Confidence: 0.9367414

00:13:53.148 --> 00:13:54.746 there's just so much that they're

NOTE Confidence: 0.9367414

00:13:54.746 --> 00:13:55.778 doing at this point,

NOTE Confidence: 0.9367414

00:13:55.780 --> 00:13:57.670 so you can reach out to them and they

NOTE Confidence: 0.9367414

00:13:57.670 --> 00:14:01.580 will help you with some custom synthesis.

NOTE Confidence: 0.9367414

00:14:01.580 --> 00:14:04.310 Our biophysics resource studies oligomeric

NOTE Confidence: 0.9367414

00:14:04.310 --> 00:14:06.494 states of biomolecular assemblies.

NOTE Confidence: 0.9367414

00:14:06.500 --> 00:14:08.300 So there's several technologies available,

NOTE Confidence: 0.9367414

00:14:08.300 --> 00:14:11.592 light scattering surface plasma

NOTE Confidence: 0.9367414

00:14:11.592 --> 00:14:13.056 and resonance, you know,

NOTE Confidence: 0.9367414

00:14:13.060 --> 00:14:15.575 field flow fractionation and we

NOTE Confidence: 0.9367414

00:14:15.575 --> 00:14:18.090 recently added a nanoparticle tracking

NOTE Confidence: 0.9367414

00:14:18.165 --> 00:14:20.144 analysis technology to this course.

NOTE Confidence: 0.9367414

00:14:20.144 --> 00:14:23.054 So that has proven to be quite useful

NOTE Confidence: 0.9367414

00:14:23.054 --> 00:14:25.896 and you know it's it's an exciting

NOTE Confidence: 0.9367414

00:14:25.896 --> 00:14:28.270 addition to the biophysics resource.

NOTE Confidence: 0.9367414

00:14:28.270 --> 00:14:30.454 Our macromolecular structure analysis

NOTE Confidence: 0.9367414

00:14:30.454 --> 00:14:32.112 consultation core doesn't actually

NOTE Confidence: 0.9367414

00:14:32.112 --> 00:14:34.079 run any samples but what we have

NOTE Confidence: 0.9367414

00:14:34.079 --> 00:14:35.667 in this core is expertise.

NOTE Confidence: 0.9367414

00:14:35.670 --> 00:14:38.640 So if you have any macromolecular

NOTE Confidence: 0.9367414

00:14:38.640 --> 00:14:41.124 structures or cryoem based images

NOTE Confidence: 0.9367414

00:14:41.124 --> 00:14:43.262 that you really need some help

NOTE Confidence: 0.9367414

00:14:43.262 --> 00:14:44.902 with the analysis of it.

NOTE Confidence: 0.9367414

00:14:44.910 --> 00:14:48.173 So Janine is wonderful and he you

NOTE Confidence: 0.9367414

00:14:48.173 --> 00:14:49.991 know can really help answer the

NOTE Confidence: 0.9367414

00:14:49.991 --> 00:14:51.998 questions that you were asking in the

NOTE Confidence: 0.9367414

00:14:51.998 --> 00:14:54.323 1st place and really push a lot of

NOTE Confidence: 0.9367414

00:14:54.323 --> 00:14:56.063 these structures to publication our

NOTE Confidence: 0.9367414

00:14:56.063 --> 00:14:57.628 mass spec and proteomics facility.

NOTE Confidence: 0.9367414

00:14:57.630 --> 00:15:00.474 They do everything from basic protein

NOTE Confidence: 0.9367414

00:15:00.474 --> 00:15:02.670 ID to intact protein determination.

NOTE Confidence: 0.9367414

00:15:02.670 --> 00:15:04.820 They do high resolution for

NOTE Confidence: 0.9367414

00:15:04.820 --> 00:15:06.229 small molecule work,

NOTE Confidence: 0.9367414

00:15:06.230 --> 00:15:09.130 targeted proteomics and they

NOTE Confidence: 0.9367414

00:15:09.130 --> 00:15:11.686 do some metabolomics services.

NOTE Confidence: 0.9367414

00:15:11.686 --> 00:15:13.566 Everything is staff provided though  
NOTE Confidence: 0.9367414

00:15:13.566 --> 00:15:15.842 they do have one Open Access  
NOTE Confidence: 0.9367414

00:15:15.842 --> 00:15:17.617 instrument so that you would,  
NOTE Confidence: 0.9367414

00:15:17.620 --> 00:15:19.868 you know with some help from the staff  
NOTE Confidence: 0.9367414

00:15:19.868 --> 00:15:21.904 you would independently be able to  
NOTE Confidence: 0.9367414

00:15:21.904 --> 00:15:24.446 design your experiment and you know go  
NOTE Confidence: 0.9367414

00:15:24.446 --> 00:15:26.660 through everything up to data collection.  
NOTE Confidence: 0.9367414

00:15:26.660 --> 00:15:28.460 One of our newest cores is  
NOTE Confidence: 0.9367414

00:15:28.460 --> 00:15:29.660 the chemical metabolism core.  
NOTE Confidence: 0.9367414

00:15:29.660 --> 00:15:32.216 This is all staff provided services,  
NOTE Confidence: 0.9367414

00:15:32.220 --> 00:15:35.195 but they specialize in mitochondrial  
NOTE Confidence: 0.9367414

00:15:35.195 --> 00:15:36.980 work and metabolomics,  
NOTE Confidence: 0.9367414

00:15:36.980 --> 00:15:38.860 so you can definitely reach out to them.  
NOTE Confidence: 0.9367414

00:15:38.860 --> 00:15:42.858 They do like I'm a MOSA platform that's  
NOTE Confidence: 0.9367414

00:15:42.858 --> 00:15:44.979 again not available anywhere but Yale,  
NOTE Confidence: 0.9367414

00:15:44.980 --> 00:15:48.820 so it's very specialized.

NOTE Confidence: 0.9367414

00:15:48.820 --> 00:15:51.724 The Yale Genome Editing Center creates

NOTE Confidence: 0.9367414

00:15:51.724 --> 00:15:53.660 genetically engineered mice via

NOTE Confidence: 0.9348247

00:15:53.735 --> 00:15:56.020 CRISPR. They do cryopreservation.

NOTE Confidence: 0.9348247

00:15:56.020 --> 00:15:58.420 They also do assisted

NOTE Confidence: 0.9348247

00:15:58.420 --> 00:15:59.620 reproduction techniques.

NOTE Confidence: 0.9348247

00:15:59.620 --> 00:16:01.695 This is all staff provided

NOTE Confidence: 0.9348247

00:16:01.695 --> 00:16:03.317 services and they're they're

NOTE Confidence: 0.9348247

00:16:03.317 --> 00:16:05.579 very much into working with you

NOTE Confidence: 0.9348247

00:16:05.580 --> 00:16:07.656 to design exactly what you need.

NOTE Confidence: 0.9348247

00:16:07.660 --> 00:16:08.578 And they have,

NOTE Confidence: 0.9348247

00:16:08.578 --> 00:16:10.108 they can really tailor their

NOTE Confidence: 0.9348247

00:16:10.108 --> 00:16:11.518 services based on your needs.

NOTE Confidence: 0.9463302

00:16:13.720 --> 00:16:16.960 Our zebrafish phenotyping core they do,

NOTE Confidence: 0.9463302

00:16:16.960 --> 00:16:19.378 they create transgenic zebrafish and then

NOTE Confidence: 0.9463302

00:16:19.378 --> 00:16:21.760 they provide assistance in phenotyping.

NOTE Confidence: 0.9463302

00:16:21.760 --> 00:16:24.325 This is all staff provided  
NOTE Confidence: 0.9463302

00:16:24.325 --> 00:16:26.154 service and again very,  
NOTE Confidence: 0.9463302

00:16:26.154 --> 00:16:29.693 very tailored to what you know your needs  
NOTE Confidence: 0.9463302

00:16:29.693 --> 00:16:32.078 are the Yale Center for Molecular Discovery.  
NOTE Confidence: 0.9463302

00:16:32.080 --> 00:16:34.024 So they have resources for assay  
NOTE Confidence: 0.9463302

00:16:34.024 --> 00:16:35.320 development and high throughput  
NOTE Confidence: 0.9463302

00:16:35.375 --> 00:16:37.200 screening mostly for drug discovery.  
NOTE Confidence: 0.9463302

00:16:37.200 --> 00:16:39.392 So this core is very specialized in the  
NOTE Confidence: 0.9463302

00:16:39.392 --> 00:16:41.630 fact that you know all of your all of  
NOTE Confidence: 0.9463302

00:16:41.630 --> 00:16:43.160 your experiments would be very different.  
NOTE Confidence: 0.9463302

00:16:43.160 --> 00:16:45.337 So they definitely work with you from  
NOTE Confidence: 0.9463302

00:16:45.337 --> 00:16:47.988 the beginning to design the best you know  
NOTE Confidence: 0.9463302

00:16:47.988 --> 00:16:50.200 technique for what you're looking to do.  
NOTE Confidence: 0.9463302

00:16:50.200 --> 00:16:51.640 This is all staff provided service,  
NOTE Confidence: 0.9463302

00:16:51.640 --> 00:16:53.719 so they do have a self-service laboratory.  
NOTE Confidence: 0.9463302

00:16:53.720 --> 00:16:55.358 So once you're trained on the instruments,



NOTE Confidence: 0.9463302

00:16:55.360 --> 00:17:00.070 you would have independent independent use.

NOTE Confidence: 0.9463302

00:17:00.070 --> 00:17:01.624 And we have a stem cell core,

NOTE Confidence: 0.9463302

00:17:01.630 --> 00:17:03.790 they do I PSC derivation,

NOTE Confidence: 0.9463302

00:17:03.790 --> 00:17:04.932 genomic editing,

NOTE Confidence: 0.9463302

00:17:04.932 --> 00:17:07.787 pluripotent stem cell quality testing.

NOTE Confidence: 0.9463302

00:17:07.790 --> 00:17:11.694 They have really a full range of stem

NOTE Confidence: 0.9463302

00:17:11.694 --> 00:17:14.965 cell technologies available and they they

NOTE Confidence: 0.9463302

00:17:14.965 --> 00:17:17.431 routinely kind of change around whatever

NOTE Confidence: 0.9463302

00:17:17.431 --> 00:17:19.630 they're doing in order to meet the needs.

NOTE Confidence: 0.9463302

00:17:19.630 --> 00:17:22.430 And they they really specialize in some

NOTE Confidence: 0.9463302

00:17:22.430 --> 00:17:24.628 of the extremely hard genomic editing.

NOTE Confidence: 0.9463302

00:17:24.628 --> 00:17:26.542 They're they're able to really do

NOTE Confidence: 0.9463302

00:17:26.542 --> 00:17:28.830 a lot of things that other places

NOTE Confidence: 0.9463302

00:17:28.830 --> 00:17:31.555 just aren't capable of and these are

NOTE Confidence: 0.9463302

00:17:31.555 --> 00:17:33.980 all staff provided services also.

NOTE Confidence: 0.9463302

00:17:33.980 --> 00:17:37.380 And finally, we have our custom machine shop.

NOTE Confidence: 0.9463302

00:17:37.380 --> 00:17:38.868 So a lot of times if you can't

NOTE Confidence: 0.9463302

00:17:38.868 --> 00:17:39.819 find something for your lab,

NOTE Confidence: 0.9463302

00:17:39.820 --> 00:17:41.724 you can reach out to Tony and he

NOTE Confidence: 0.9463302

00:17:41.724 --> 00:17:43.676 will actually fabricate, you know,

NOTE Confidence: 0.9463302

00:17:43.676 --> 00:17:45.355 design and fabricate something

NOTE Confidence: 0.9463302

00:17:45.355 --> 00:17:47.700 completely custom to to meet your needs.

NOTE Confidence: 0.9463302

00:17:47.700 --> 00:17:48.860 So like I said,

NOTE Confidence: 0.9463302

00:17:48.860 --> 00:17:50.791 it's a very unique resource to have

NOTE Confidence: 0.9463302

00:17:50.791 --> 00:17:54.590 on campus and very, very valuable.

NOTE Confidence: 0.9463302

00:17:54.590 --> 00:17:56.854 So please reach out to me with any

NOTE Confidence: 0.9463302

00:17:56.854 --> 00:17:58.753 questions at any time and then this

NOTE Confidence: 0.9463302

00:17:58.753 --> 00:18:00.869 can be found on the OAPD website.

NOTE Confidence: 0.9463302

00:18:00.870 --> 00:18:03.320 So you can read through all the

NOTE Confidence: 0.9463302

00:18:03.320 --> 00:18:05.541 information that I did not discuss

NOTE Confidence: 0.9463302

00:18:05.541 --> 00:18:07.446 today and I keep this updated and

NOTE Confidence: 0.9463302

00:18:07.446 --> 00:18:08.870 you can reach out to me,

NOTE Confidence: 0.9463302

00:18:08.870 --> 00:18:10.268 you can reach out to Brian,

NOTE Confidence: 0.9463302

00:18:10.270 --> 00:18:12.006 you can reach out to any of the

NOTE Confidence: 0.9463302

00:18:12.006 --> 00:18:12.990 cores at any time.

NOTE Confidence: 0.9463302

00:18:12.990 --> 00:18:14.772 And we really look forward to

NOTE Confidence: 0.9463302

00:18:14.772 --> 00:18:15.663 working with you.