

WEBVTT

NOTE duration:"00:21:16.120000" language:en-us

NOTE Confidence: 0.89743447303772

00:00:00.760 --> 00:00:29.130 OK, good afternoon, everyone my name is Melinda Irwin. I'm associate director for population Sciences in the Yale Cancer Center. So I'm fortunate to introduce our two speakers today. But before we do so. I just wanted to remind you. I didn't know if innovation summit a spectacular who went to this last year raise your hand.

NOTE Confidence: 0.93332850933075

00:00:30.010 --> 00:00:42.200 OK, well, you gotta go this year. It's really spectacular that coming up in about a week and a half but you can submit a poster application and here is the information it's do.

NOTE Confidence: 0.210233420133591

00:00:42.810 --> 00:00:43.360 Battle.

NOTE Confidence: 0.84118914604187

00:00:44.060 --> 00:00:46.870 OK, like that says April 17.

NOTE Confidence: 0.702587127685547

00:00:48.180 --> 00:00:48.790 OK.

NOTE Confidence: 0.90099823474884

00:00:50.940 --> 00:00:53.070 OK, any other comments you want to make.

NOTE Confidence: 0.552005589008331

00:00:56.170 --> 00:00:56.740 1000.

NOTE Confidence: 0.915515065193176

00:00:57.720 --> 00:01:28.770 It.yeahitreallyisaphenomenonsosubmitted@yellinnovationsummit.com
OK great OK, so we have 2 talks. Today, the 1st is Steven MA is a professor of biostatistics in the Yale School of Public Health. He also directs the Yale Cancer Center Biostatistics in Bioinformatics shared resource, which if you're not aware of that shared resource as well as the other shared resources make sure you go to the L Cancer Center website and read about them.

NOTE Confidence: 0.927747130393982

00:01:28.820 --> 00:01:54.740 Steven was trained in statistics at University of Wisconsin at Madison and has been here for about 15 years and has had multiple NCI studies funded looking at various aspects involved in various number cancers. I'm not sure which cancers are going to discuss today. But a number of different cancers as well. Some cancer disparities research as well. Thank you.

NOTE Confidence: 0.916256308555603

00:02:07.610 --> 00:02:17.400 Many thanks for the introduction and also is great pleasure being here. I think I give a similar presentation maybe.

NOTE Confidence: 0.890993177890778

00:02:18.060 --> 00:02:48.710 I actually don't remember maybe 5 years ago. It's somehow if you're like yesterday. So I'm Steven and reduces my email just a little bit information. Almost center if I'm a professor about statistiques is Melina mention I direct our biostatistics shared resource and I also work directly on skin cancer and also lung cancer. We have 2 sparse and have been part of the skins borrow for 6 seven years.

NOTE Confidence: 0.86372047662735

00:02:49.260 --> 00:03:15.630 I recently joined the long spar so for both sparrs. I derived bio. Staten about if Mattis core so if you work on those 2 type of cancers. You may have all you well. They rank work with me, so this is a point. I want to highlight so if you need any cancer. Analytics support, Val Statistiques by Formatics or anything.

NOTE Confidence: 0.917096436023712

00:03:16.180 --> 00:03:40.580 Dealing with numbers, which may or may not be classified told me my office in search for the very close to here just about maybe 5 minutes walking distance and so you're Welcome to stop by it. How to me at any point and well. This may be the best way to reach me my email. You only respond within 24 hours, so if I don't.

NOTE Confidence: 0.911528587341309

00:03:41.530 --> 00:03:45.970 Well, that means there's something horribly wrong, so check mark check with me.

NOTE Confidence: 0.886881351470947

00:03:47.240 --> 00:04:18.450 OK. So who we are, we are one of the shared resources are actually a bunch of those shared resources actually lost con some-time ago and we sort of land by doctor David Stern. He sent me email saying he's really sorry. He can be here today. Here's kind of center celebrated writer for sharing resources and my shared resource we stationed unit Department.

NOTE Confidence: 0.885851621627808

00:04:18.480 --> 00:04:49.150 Dial Statistiques and we see in school public house and also we are sort of part of Wack ass stands for yield Center for analytics Sciences, so if you work on cancer directly to me if your research is more related to other type of diseases diabetes. Cardiovascular diseases anything else, you're also Welcome to talk to white casts basically.

NOTE Confidence: 0.86022961139679

00:04:49.680 --> 00:04:54.780 Find my team we do cancer for anything else that will be like ass.

NOTE Confidence: 0.857961237430573

00:04:55.450 --> 00:05:21.620 So we have been supporting those large team studies like the sparse nowadays. Other pay grants. But we also work with individual status. Our one standards are twenty one R 03 or pilot studies. So big found a small standards totally awesome will be equally high pay to herb so exciting one we do, we provide?

NOTE Confidence: 0.908428728580475

00:05:22.250 --> 00:05:43.630 I don't want to say 100% but maybe in 99% of bile. Statistique also part and we also do some by dramatic support. It's more sometimes maybe a little bit inconvenient for investigators since there are several bounding formatics groups on campus, including us, including.

NOTE Confidence: 0.893615961074829

00:05:44.120 --> 00:06:14.920 As some people Department pathology another body formatics all makes related groups and actually. I don't know how many are there, but maybe a good idea to start with me and if we can help you we will do that. If we cannot. I will direct you to the right person. So not bad idea to start with with us and also we do some data management, especially high end.

NOTE Confidence: 0.905236840248108

00:06:15.320 --> 00:06:43.930 Instrument if you have bunch of numbers on the paper. You want to put them in Excel sheet. Maybe not a good idea to talk to us. I mean, we can do that. But honestly I don't like doing that. But if you have large complex databases. You want to manipulate to us. I mean, we're still building. Our data management capacity. So we can do some but maybe not all well again start with us.

NOTE Confidence: 0.888117790222168

00:06:45.540 --> 00:07:16.190 So are clearly introduction of our team my surf. My all expertise is genetic Epidemiology so trying to look at what kind of risk factors genetic non genetic may contribute to cancer and I also do general balance that has to access implies largest regression linear regression and we also have turns out man who is a professor in Bar Statistiques, Here is really great aspart in clinical trial, he also does.

NOTE Confidence: 0.904617846012115

00:07:16.450 --> 00:07:26.150 PRC protocol reveal so for designing on analyzing clinical trials, he may be the best resource on campus.

NOTE Confidence: 0.887011408805847

00:07:26.850 --> 00:07:48.060 We have tired time is has been providing populations that is support also is really worldwide. Renew esport in lung cancer. So maybe 2 or 3 years ago, he went to the White House.

NOTE Confidence: 0.893056392669678

00:07:49.570 --> 00:08:20.510 And it may be longer than than it should be the last president so he went to the White House calls. Some really prestigious award for his work in lung cancer and we also have data way way is here. Here's a new assistant professor also specializing clinical trial. General Bouscat Estates. He also does part of PRC reveal we couple years ago. We proud him. Michael, who works in this very.

NOTE Confidence: 0.890645682811737

00:08:21.170 --> 00:08:51.230 Then your science very sexy area biomedical bake data so apparently if you have this word in your proposal. The hours of guide founded just chunk hub so if you have any ideas related to big data taught Michael and the daughter. Young is research scientist specializing in Barrie Formatics and we also have punctual master level biostatisticians, who work on a lot of different cancer types.

NOTE Confidence: 0.921204388141632

00:08:51.260 --> 00:09:01.850 Different types of analysis and I think combined together, they have, maybe 2530 years of experiments so really experienced status station.

NOTE Confidence: 0.881353855133057

00:09:02.460 --> 00:09:33.270 And just a little later advertisement and we're also trying to go. Look for a pawn in for mentation. So if you have any candidate any of your collaborator priest out once an lisha is part time admin person so she helps us keeping track of all projects and I think this is bigger advantage. We have, we have a huge Department files that has tax so if you need expertise, not covered by us.

NOTE Confidence: 0.880597591400146

00:09:34.060 --> 00:09:36.510 Play happy you'll build collaborations.

NOTE Confidence: 0.881785154342651

00:09:37.660 --> 00:10:07.930 OK So what we can do on one we have been doing we can help you design your study so this is called they passed from a proposal. We recently date and we wrote this and we also Dayton is actually quite fancy plot so basically we can tell you where if you start was a summer size. You may need efforts coming will try out, you need any interim analysis, an want the end result will be.

NOTE Confidence: 0.858057856559753

00:10:07.960 --> 00:10:15.560 Also to commence us caters to commence reviewers, we can do analytics correctly.

NOTE Confidence: 0.911995232105255

00:10:16.350 --> 00:10:47.040 So you may know the study. We are also there. We want to make sure the study is done correctly data collected biased way, and all procedures are followed so there will be no surprise after data collection if there is any plan for interim data analysis. We will do that and will report results and sometimes the actual results are just different from what you may expect it in this case, we will read.

NOTE Confidence: 0.88702005147934

00:10:47.580 --> 00:11:17.590 Visit honey revise your data analysis plan if needed. Honest believe or not, and this happen actually quite commonly so you do need very strong very convincing way to tell an age tell earn SQL data. Those are the software packages. You need nodes under steps so this is for the sake of the proposal and also to convince us caters to converse reviewers.

NOTE Confidence: 0.908165752887726

00:11:17.620 --> 00:11:21.080 We can do analytics correctly.

NOTE Confidence: 0.91245573759079

00:11:21.900 --> 00:11:52.580 So, in the middle of study. We are also there. We want to make sure the study is done correctly data collected biased way, and all procedures are followed so there will be no surprise after data collection if there is any plan for interim data analysis. We will do that and will report results and sometimes the actual results are just different from what you may expect it in this case, we will.

NOTE Confidence: 0.890699505805969

00:11:53.110 --> 00:12:16.090 Visit honey revise your data analysis plan if needed. Hornists believe Arnard and this happen actually quite a commonly so you do need very strong very convincing way to tell age tell FDA OK. I need to change my data collection on my data analysis plan and we can do that for you.

NOTE Confidence: 0.896454513072968

00:12:17.430 --> 00:12:48.210 So we more after data collection will do sorrow data analysis and so far. We have been doing 2 things. The first one, is using existing techniques. Existing software so doing Biostatistics Bayleaf. Matic analysis sort of standard way, and this is what I want to highlight so if you look at our research profile. Our bio style Department and we're actually doing quite while so.

NOTE Confidence: 0.900280654430389

00:12:48.240 --> 00:13:19.150 Beyond using existing standard methods and a software we can also develop techniques on the software tailored to your static. So, your study will be the 1st to use those cutting edge really novel analytical methods and that actually help your publication hype. Your future proposals. A lot, so here are some examples. One this one is for Omics Data Genetic Genomic.

NOTE Confidence: 0.885106384754181

00:13:19.840 --> 00:13:51.190 Bing actually you're leading role for those network based analysis. So instead of looking at individual jeans. We now look at generating networks and this is sort of a new item technique. We recently developed in pretty much all kinds of studies. We have those small slides from biopsies and or so many biopsies biopsy samples and so many imaging data just there so we recently started you're looking at.

NOTE Confidence: 0.855157613754272

00:13:51.840 --> 00:13:59.750 Anna CF weekend add more information for example, for prognosis for treatment selection based on imaging data.

NOTE Confidence: 0.873066782951355

00:14:01.360 --> 00:14:18.100 One is only job half down, we also help you with manuscript abstract and the posters. So we can write your status. Call analysis section like this we can help you with tables charts figures like those and.

NOTE Confidence: 0.91636049747467

00:14:20.240 --> 00:14:37.550 Well, I have been in this business long enough, but I I don't think I ever have a paper got accepted without revisions. So this will always happen. You always have nasty comments from reviewers. So we will be there for you address those comments.

NOTE Confidence: 0.889683723449707

00:14:39.370 --> 00:14:56.180 So also we can help you I mean after your static. I'll founded after paper get published one else we can do. Can we have additional papers from the same data can, we have follow-up grant applications.

NOTE Confidence: 0.932684779167175

00:14:56.970 --> 00:15:03.730 And I have some old data, while this from fiscal year 2017, so we

NOTE Confidence: 0.880190789699554

00:15:04.400 --> 00:15:13.720 While this simply won this number is a number of cattle center members we directly work with well, just imagine.

NOTE Confidence: 0.82250964641571

00:15:14.950 --> 00:15:35.160 Sort of behind each member with directly work with now is that Kim so we interact maybe half or model half. Wise you see

members and one this is a too small to see in but in slightly over a year I mean, we contributed.

NOTE Confidence: 0.899584293365479

00:15:35.880 --> 00:15:47.630 1680 I actually don't remember the number, but a big number of Cancer Center Publications. So I'm actually quite a problem. We are everywhere in the Cancer Center.

NOTE Confidence: 0.881893575191498

00:15:49.400 --> 00:15:52.430 So our policies.

NOTE Confidence: 0.910216212272644

00:15:53.140 --> 00:16:24.070 Start with me start with Alicia so if you have an idea have any question send an email to me to Alicia and let me know what we need, and again, you really we respond within 24 hours if it's something we can do. We will assign about static stational by orientation, he or she will Skype to a meeting with you guys to know more about your program. It's exactly what you need an also maybe give you a estimated timeline like we need this number.

NOTE Confidence: 0.895337402820587

00:16:24.740 --> 00:16:54.870 Some kind of stung by that time and if it's beyond our expertise for somebody for Mattix. For some data management. We will tell you who do content so bottom line is you will have a response and there will be follow-up meetings. We will have again. We will have a status Stational Bar information assigned to your project and we will follow up until.

NOTE Confidence: 0.83591902256012

00:16:55.540 --> 00:17:11.700 Final product can be a poster. A paper found data study, or more often, or we try and head study so but anyway, we will work with you until the end.

NOTE Confidence: 0.461714148521423

00:17:13.530 --> 00:17:14.920 So.

NOTE Confidence: 0.910305023193359

00:17:15.780 --> 00:17:46.490 Well, this is our official policy, and this is a written on the website and this is written in our grand renewal submitted to NCI so if you have a good idea for proposal. We will try to contribute as much as as you need and this is apart Atom being this is the part. I really like about NCI. They give us more not a big amount of money, but enough money for us to provide you.

NOTE Confidence: 0.891528367996216

00:17:46.980 --> 00:18:16.990 Am uncle freeze apart again this is free so for bow statistiques, each of you can get up to 16 hours for value mattix. We're we can provide 8 hours, sometimes more and for service beyond this limit officially we

ask for this amount per hour. Let me say 2 things first of all this is much, much lower than outside consultants.

NOTE Confidence: 0.903760492801666

00:18:17.780 --> 00:18:20.100 Someone from a commercial company.

NOTE Confidence: 0.86235237121582

00:18:20.900 --> 00:18:25.370 This number is much bigger and also I want to say.

NOTE Confidence: 0.839642524719238

00:18:26.100 --> 00:18:29.540 In my serve under my team we are researchers so.

NOTE Confidence: 0.897402763366699

00:18:30.140 --> 00:19:00.220 I mean, we let me say I like money, but has an odd is our first thing on my list. So if you have a big idea but you don't have enough money. Still, tired class. We definitely don't want any single pivot, not published simply because of this sort. How do I ask and if you really need a lot of support but again if you have a phone in problem. We do have a facial oversight committee and then they can give us a facial approval for.

NOTE Confidence: 0.808155179023743

00:19:00.940 --> 00:19:02.670 Asking for money or

NOTE Confidence: 0.907763004302979

00:19:03.410 --> 00:19:15.080 Offering her pad reduced rate so again. We do have this official policy, but that should definitely should not be our biggest concern.

NOTE Confidence: 0.881019532680511

00:19:16.740 --> 00:19:19.340 So a couple quick remarks.

NOTE Confidence: 0.905034601688385

00:19:20.120 --> 00:19:34.450 I don't think any cancer paper can't published simply because of good statistics. It doesn't happen. But if you will have allowed this statistics bad analysis plan or?

NOTE Confidence: 0.890046954154968

00:19:35.590 --> 00:19:53.880 Sometimes just the bag table about a regression model. It's sufficient to sync your papers and proposals. So let's make sure this does not happen and also don't help us last minute. Sometimes I got emails.

NOTE Confidence: 0.861676812171936

00:19:54.400 --> 00:20:25.070 10:00 PM user night, saying I I have a title on 8:00 AM tomorrow morning and basically the only thing I can say is kholoud so don't do that got us involved early on an we won't be there, so go to my office

directly or Welcome to do that and my emails my email. Alicia's email are here and also you see our list of status stations so.

NOTE Confidence: 0.917920887470245

00:20:25.100 --> 00:20:35.850 If you want to talk to anyone specific do that, so again will be there and I'll be happy to answer any questions, you may have thank you.

NOTE Confidence: 0.720888555049896

00:20:40.980 --> 00:20:42.030 Any question.

NOTE Confidence: 0.900983035564423

00:20:44.670 --> 00:21:14.680 Yeah, so I've been fortunate to use the Cancer Center 5. Scott shared resource for 15 plus years and it's it's true. I mean, you can if you get up a paper you know revise and resubmit and you're lucky and then if it's not appropriate statistics. It'll get rejected and so it's really critical to have that by statistics support not only in analysis, but also submitting the grant, and then once carrying out the study so please reach out to them if you need their help.