Sent: Wednesday, October 20, 2010 3:13 PM

**To:** Gomez, Christina M.

**Subject:** FW: Possible commercialization of a lightning network around Houston

#### Brett Cornwell

Associate Vice Chancellor for Commercialization Office of the Vice Chancellor for Research Texas A&M University System 800 Raymond Stotzer, Suite 2020 College Station, TX 77843 979-845-9699

----Original Message-----From: Schuerman, Peter L.

Sent: Tuesday, May 04, 2010 1:26 PM

To: Cornwell, Brett L.; ' ; Schmitt, Brian C.

Cc: Howell, Bill

Subject: Re: Possible commercialization of a lightning network around Houston

Brett, thanks for this assessment.

Bill, do you concur? Sent from 979.571.1816

---- Original Message -----

From: Cornwell, Brett L. <Cornwell@tamu.edu>

To: Peter Schuerman ; Schmitt, Brian C.

Cc: Howell, Bill

Sent: Tue May 04 13:10:05 2010

Subject: FW: Possible commercialization of a lightning network around Houston

Below is the e-mail string that I shared with Bill 4 years ago. Vaisala and WSI were identified as possible collaborators. This was before I knew Vaisala was involved in the Houston project.

There are lightning data providers out there and I'm not really sure that this technology is different enough to build a go alone business.

Based on the 3 minutes of looking at Vaisala's web site and comparing their reports to WSI, it looks to me like Vaisala is the leader. Perhaps WSI would be interested in a collaboration to make improvements to the accuracy of their lightning report.

Compare WSI's report

http://www.uspln.com/documentation/USPLN%20Lightning%20Forensics%20Sampl

e%20Report.pdf

And Vaisala's report

http://www.vaisala.com/files/StrikeNet-sample-report.pdf

If Orville can increase certainty, even if this is only in high lightning areas like CO and FL, then maybe WSI would be interested. The cloud to cloud strikes me as more of an aviation play.

Brett Cornwell

Commercialization Services Director

1

Office of the Vice Chancellor of Technology Commercialization Texas A&M University System 800 Raymond Stotzer, Suite 2034A College Station, TX 77843 979-845-9699

----Original Message----From: Cornwell, Brett L.

Sent: Monday, June 26, 2006 1:04 PM

To: Howell, Bill

Subject: RE: Possible commercialization of a lightning network around Houston

There are a few other outlets for this type of information.

http://www.uspln.com/data\_services.html

This service sells data for real time or historical analysis https://thunderstorm.vaisala.com/
http://www.vaisala.com/businessareas/measurementsystems/thunderstorm/datasalescontact

Fax order form for historical info. The light goes on and I see the connection to the insurance industry to check for fire sources. https://thunderstorm.vaisala.com/documents/STRIKEfax.pdf

Here's an intro to the business http://www.slate.com/id/2133857?nav=tap3

So I guess the question is what's new or how can you build a business around this? More accurate would likely be of interest for insurance purposes. (Did lightning really strike that house for instance)

Brett Cornwell

Manager of Commercialization Services Office of the Vice Chancellor of Technology Commercialization Texas A&M University System 1700 Research Parkway, Suite 250 College Station, TX 77843 979-845-9699

----Original Message----From: Howell, Bill

Sent: Monday, June 26, 2006 11:03 AM

To: Orville, Richard

Cc: Cornwell, Brett L.; Petty, Blake D.; Riddle, David

Subject: RE: Possible commercialization of a lightning network around Houston

Dick,

Yes...I would like to discuss with you.

Would like you to consider how the concept or the data handling is unique and therefore able to be protected as intellectual property (patent/copyright/trade secret).

Further would like your thoughts on the value of such information to organizations/companies and whether this is something that should be handled through NWS or within the private sector.

Should be an interesting discussion. Let me know when you are available....Wednesday and Thursday this week look good for me.

Thanks,

Bill 8-0131 wrhowell@tamu.edu

----Original Message----

From: Richard Orville [mailto:rorville@tamu.edu]

Sent: Sunday, June 25, 2006 8:02 PM

To: Howell, Bill

Subject: Possible commercialization of a lightning network around Houston

Bill Howell,

Theresa Maldonado, my next door neighbor and an assistant vice chancellor, suggested I contact you for guidance in a possible venture to commercialize a lightning network that we have established

around Houston with funding from the National Science Foundation.

The investment in our research began in 2004 and is over a million dollars as we now have 10 sensors, soon expanding to 12. All lightning is detected within 100 miles of Houston and we use this in our thunderstorm research efforts. A side benefit is that this early information on lightning may be of value to utility companies,

airports, golf courses, outdoor sports events, to name just a few. We can make the data available in real time over the internet.

Perhaps we can discuss this sometime soon and I can provide additional information.

Best wishes and thank you for considering this, Dick Orville

Richard Orville
rorville@tamu.edu
Professor and Head
Dept. of Atmospheric Sciences
Texas A&M University
College Station, TX 77843-3150

Phone: 979-845-7671 Fax: 979-862-4466

Sent: Wednesday, October 20, 2010 3:01 PM

To: Gomez, Christina M.

**Subject:** FW: FYI, sweet sorghum/China/background

Brett Cornwell

Associate Vice Chancellor for Commercialization Office of the Vice Chancellor for Research Texas A&M University System 800 Raymond Stotzer, Suite 2020 College Station, TX 77843 979-845-9699

----Original Message----

From: McCutchen, Bill

Sent: Thursday, December 13, 2007 8:47 PM
To: 'jmullet@tamu.edu'; 'wlr@tamu.edu'

Cc: Avant, Bob; Schuerman, Peter L.; Cornwell, Brett L.; Howell, Bill

Subject: Re: FYI, sweet sorghum/China/background

---- Original Message -----

From: McCutchen, Bill

To: 'jmullet@tamu.edu' <<u>jmullet@tamu.edu</u>>

Sent: Thu Dec 13 20:45:35 2007

Subject: Re: FYI, sweet sorghum/China/background

John and Bill,

Do you two have (suggest) a couple of slides to tell sweet sorghum story? China and SA will likely have a large and growing market for sweet sorghum and this story makes for a good case/reason for funding RD.

Thanks,

Bill

---- Original Message -----

From: John Mullet < <pre>jmullet@tamu.edu>

To: McCutchen, Bill; Peter Schuerman <

<wlr@tamu.edu>

Sent: Thu Dec 13 12:20:13 2007

Subject: FYI, sweet sorghum/China/background

Chinese Focus on Sweet Sorghum for Biofuels

The Chinese Academy of Sciences (CAS) Institute of Botany and Singapore's Temasek Life Sciences Laboratory (TLL) have reportedly agreed to begin joint research into energy-intensive plant hybrids for biofuels. The CAS institute signed an agreement with TLL, which

>; Avant, Bob; Bill Rooney

is affiliated with the National University of Singapore and Nanyang Technological University, to set up a new Beijing-based Laboratory for Sweet Sorghum.

A bit of competition on the horizon.

John

Sent: Wednesday, October 20, 2010 3:00 PM

**To:** Gomez, Christina M. **Subject:** FW: Logistics co.

Brett Cornwell

Associate Vice Chancellor for Commercialization Office of the Vice Chancellor for Research Texas A&M University System 800 Raymond Stotzer, Suite 2020 College Station, TX 77843 979-845-9699

----Original Message-----From: Schuerman, Peter L.

Sent: Wednesday, March 21, 2007 9:00 AM

To: Howell, Bill; Hussey, Mark; McCutchen, Bill; Avant, Bob; Riddle, David

Cc: Cornwell, Brett L.; Petty, Blake D.

Subject: RE: Logistics co.

Congratulations on breaking through the communication barrier.

----Original Message----

From: Howell, Bill

Sent: Wednesday, March 21, 2007 8:57 AM

To: Hussey, Mark; McCutchen, Bill; Avant, Bob; Riddle, David Cc: Cornwell, Brett L.; Schuerman, Peter L.; <u>blakepetty@tamu.edu</u>

Subject: FW: Logistics co.

May have finally gotten the message home.....

----Original Message----

From: Berry Summerour [mailto:

Sent: Tuesday, March 20, 2007 8:30 PM

To: Howell, Bill

Cc: Peter Schuerman; Douglas Fisher

Subject: RE: Logistics co.

Sounds great! We like "pay for performance." Thanks for clarifying. I told you I was slow tonight. Right now I am having a coctail with Avant here in Austin.

Take care.

Berry

E. Berry Summerour II Acala Partners, Inc.

281-752-5562 Office 281-726-3081 Cell

281-752-9283 Fax

www.acalapartners.com

----Original Message----

1

From: "Howell, Bill" < WRHowell@tamu.edu>

Subj: RE: Logistics co.

Date: Tue Mar 20, 2007 8:08 pm

Size: 1K

To: "Berry Summerour"
cc: "Peter Schuerman"

## Berry,

I think it puts Acala in the first to know, first to access position to establish significant ownership and management of the company.

What you bring to the table (and similar for A&M) establishes the equity positioning. We need to get a company established---and that will take some time & effort from a TAMUS perspective---and it is difficult to establish the ownership splits except by what is achieved/delivered.

I see Acala "earning" equity based on agreed upon deliverables and timing. If you have these already and can put on the table at the outset, then the role/ownership/management can be substantial early.

This is where we all need to sit and come to a plan for success, who does what and how do we value relative to the company and its performance.

Bill

----Original Message----

From: Berry Summerour [mailto

Sent: Tuesday, March 20, 2007 7:56 PM

To: Howell, Bill

Subject: Re: Logistics co.

Bill,

I may be a little slow this evening. Can you spell out for me where this leaves Acala (if anywhere) in this deal? It sounds like a much smaller role than we have been speaking of.

Thanks.

Berry

E. Berry Summerour II Acala Partners, Inc.

281-752-5562 Office

281-726-3081 Cell

281-752-9283 Fax

www.acalapartners.com

----Original Message----

From: "Howell, Bill" <WRHowell@tamu.edu>

Subj: Logistics co.

--- message truncated ---

Sent: Wednesday, October 20, 2010 3:00 PM

To: Gomez, Christina M.

**Subject:** FW: Revised term sheet; call from Ceres

Brett Cornwell

Associate Vice Chancellor for Commercialization
Office of the Vice Chancellor for Research
Texas A&M University System
800 Raymond Stotzer, Suite 2020
College Station, TX 77843
979-845-9699

From: Schuerman, Peter L.

Sent: Tuesday, January 30, 2007 5:02 PM

To: Bill Rooney

Cc: Steve Brown; Cornwell, Brett L.; Howell, Bill; Riddle, David

Subject: RE: Revised term sheet; call from Ceres

Bill,

I want to confirm that the intent here is to grant rights only in bioenergy sorghum and not in other varieties. My conversation with Steve was helpful in underscoring the potential problems here in granting too broadly.

From the start, the plan has been to grant rights only in the field of use: <u>Sorghum production and development for bioenergy applications.</u> But what I understand since this morning, from talking with Bill Howell and Brett Cornwell, is that the cellulosic high-biomass sorghums are entirely distinct from the sweet sorghum and grain sorghum types. I hadn't realized this -- I had thought that high-biomass varieties might also be good for, say, silage, or that sweet varieties might be good for some bioenergy applications.

So this is a further distinction we need to make. To do so, it will be helpful to describe high-biomass cellulosic types (i.e. "bioenergy sorghum") in a way that distinguishes them from other varieties. Is there a cellulose content threshhold for bioenergy sorghum, or some collection of features, that define them? If not, we could define it as everything derived substantially from a specified population of lines.

I anticipate that Ceres will have an expectation to get rights in any sorghum varieties that are developed with their funding. So, could you let me know if sweet or grain sorghum lines be bred or developed during any part of the Ceres funded project?

Thanks for your help,

-Peter

From: Bill Rooney [mailto:wlr@tamu.edu] Sent: Tuesday, January 30, 2007 2:48 PM

To: Schuerman, Peter L.

Cc: Steve Brown

**Subject:** RE: Revised term sheet; call from Ceres

#### Peter:

In reading Steve's comments and your responses, I wanted to confirm what you are saying with regard to what germplasm is covered under this agreement. As I understand it, it will be the cellulosic high biomass sorghums ONLY and it will not include the sweet sorghum or grain sorghum types. Based on what Mark Hussey and Bill McCutchen have indicated, this is based on what CERES wants and they (we) have been willing to comply. If possible, please clarify and confirm so that this is clearly defined in the agreement; as Steve mentioned it does have political implications to administration and folks like Steve and I.

Regards,

Bill

Dr. William L. Rooney Sorghum Breeding and Genetics Department of Soil & Crop Science Texas A&M University 2474 TAMU College Station, Texas 77843-2474 979 845 2151 (phone) 979 862-1931 (fax)

----Original Message-----

From: Schuerman, Peter L. [mailto:PSchuerman@tamu.edu]

Sent: Tuesday, January 30, 2007 11:17 AM

To: Steve Brown

Cc: Avant, Bob; McCutchen, Bill; Riddle, David; John E Mullet; Hussey, Mark; Bill L Rooney;

Howell, Bill

Subject: RE: Revised term sheet; call from Ceres

Steve, thanks for your email and for talking with me this morning. I want to share with the group the two main points we discussed.

The first issue is how we deal with the scenario where Ceres obtains an exclusive right to commercialize a TAES-developed line or hybrid. If we reach that point in our negotiations, we need to be considering how other interested parties (i.e. seed producers) would be involved. For example, we could license to Ceres with a diligence requirement of sublicensing to other seed companies if that made sense. Or perhaps TFSS could contract the production out to these companies. We'll need to consider the effect that licensing will have on seed producers, think through the ramifications, weigh them against the benefits to the research program and make adjustments if necessary.

The second issue we focused on is the field of use. The draft collaborative research proposal has guided the construction of the field of use. It encompasses cellulosic biomass conversion as well as starch/sugar conversion since breeding for improvement in all of the above is contemplated. This could change if the scope of the proposal changes, and we need to make sure the field of use stays in sync. Again, we'll need to consider the effect that licensing in the broader field of use will have on sweet sorghum growers and seed producers, think through the ramifications, and weigh them against the benefits to the research program.

I appreciate your help in beginning to address these things sooner rather than later. Thanks again.

Peter			

From: Steve Brown [mailto:rsbrown@ag.tamu.edu]

Sent: Tuesday, January 30, 2007 9:48 AM

To: Avant, Bob; McCutchen, Bill; Riddle, David; John E Mullet; Hussey, Mark;

Schuerman, Peter L.; Bill L Rooney; Howell, Bill Subject: Re: Revised term sheet; call from Ceres

Hi Peter,

We have not had the opportunity to meet but I like the work that you have done on this. Since I am likely to see and visit with Spencer and Clint at the TSTA meeting early next week, I have a couple of questions. Please keep in mind that I have not been involved with any of the conversations so I hope that you understand the intent of my questions.

In my last conversation with Dr. Hussey, I was under the impression that our scope of work with Ceres would be in 'high biomass' sorghums only. Your title and field of use would indicate all 'Sorghum Bioenergy Genotypes' or 'Sorghum development and production for bioenergy applications'. Given the fact that I have not been as close to the subject as the rest of the team, this language would indicate that the 'sweet sorghums' would also be included in this agreement. Is that actually the intent or do we need to limit the scope to high biomass sorghums?

I would assume that we are talking about plant material improvements and/or other inventions that would lend themselves to cellulosic biomass conversion processes (rather than starch/sugar conversion processes), but the term sheet would seem to leave the door open to all sorghum bioenergy applications.

If the intent is to include all sorghum bioenergy applications, I don't particularly have a problem with that, but need to know in advance. If we grant a 'first right to negotiate for exclusive rights' to all sorghum bioenergy application with Ceres, there is potential for 'political fall-out' from that decision. (For those of us that have frequent direct contact with industry, we will need to be prepared for many questions regarding why we do/did business in a particular way, plus we will need to be able to tactfully handle request for seed for evaluation purposes.) However, if we limit the scope to only 'high biomass' applications, we still have other materials to offer to local/regional sorghum industry companies.

If you have the opportunity prior to the end of the week, I would like some clarification. I realize that there is merit in being somewhat vague in initial negotiations. Certainly the intent will have impact on down-stream production challenges/opportunities for TFSS with the production of parental lines or perhaps even commercial hybrids as we move forward.

Thanks in advance and feel free to give me a call.

Steve Brown **Program Director Texas Foundation Seed Service** 

Email: rsbrown@ag.tamu.edu

PH: 940-552-6226

website <a href="http://tfss.tamu.edu">http://tfss.tamu.edu</a>

FAX:940-552-5524

>>> "Schuerman, Peter L." <PSchuerman@tamu.edu> 01/29/07 6:47 PM >>> Please find attached a term sheet as revised based on feedback from the Ceres visit team.

I just got off the phone with Spencer Swayze. As you recall he identified 7 topics that will require additional discussions:

- 1) Breeding/MAB Program Design
- 2) Value Capture/Incentive Alignment
- 3) Definition of Field
- 4) Management of Joint Intellectual Property
- 5) Foundation Seed Production
- 6) Recognition of TAMU Affiliate Entities
- 7) Budget for the Breeding/MAB Program

We agreed on the need to have our respective researchers meet to discuss and finalize the project; that will address 1) and 7). We further agreed that clarification on the other points will emerge from the terms of the sponsored research agreement.

They are also putting together a term sheet and will be sending it to me on Wednesday, and I'll forward that for your consideration. Then, as per Bill M's suggestion, we'll have a conference call, tentatively on Friday.

We've also agreed that the project description and research agreement can proceed in parallel. I took the opportunity to float the suggestion that TFSS be given a first right to negotiate a seed production contract (point 5) and to reaffirm with Spencer the notion of giving discounts to TAMUS companies set up to take advantage of advancements in biofuels technology (point 6).

I will use our term sheet to revise as necessary the Ceres term sheet to reflect our position and will forward that as well.

-Peter

----Original Message-----From: McCutchen, Bill

Sent: Sunday, January 28, 2007 1:23 PM

To: Hussey, Mark; Riddle, David; 'wlr@tamu.edu'; 'jmullet@tamu.edu';

Schuerman, Peter L.; 'rsbrown@ag.tamu.edu'; Avant, Bob

Cc: Howell, Bill

Subject: Fw: CERES-TAMU

Fyi. Please see Spencer's note below...

Peter, once you have feedback on your proposed RD "engagemnt" document from Bill, John, Steve and others of sorghum team, we probably need to review a final draft form. We might also want have a select few on a conference call with Ceres to discuss this material and status of their material to include next steps.

All, please let us know if there are other areas to discuss/consider.

Thanks,

Bill

---- Original Message -----

From: Spencer Swayze

To: McCutchen, Bill Cc: Howell, Bill

Sent: Sun Jan 28 12:56:35 2007 Subject: RE: CERES-TAMU

Bill,

Thank you for your message. We too are very excited about the opportunity to work with TAMU/TAES. Moving forward, please have Peter send the communication to me and cc Pete Mascia. We will distribute to the rest of the individuals in our organization. We are very excited to receive the RD engagement strategy Peter is working on. Please feel free to contact me on my cell phone if you or any of your colleagues have any questions regarding the next steps.

In addition, please let me know if anyone from TAMU will be attending the TSTA meeting next week as it may be a good opportunity to get together to discuss the proposal. Thanks again for your help in moving this forward. I recognize how much work it takes to put something like this together and appreciate all that you have done. I will look forward to speaking with you soon.

Best regards,

Spencer

From: McCutchen, Bill [mailto:bmccutchen@tamu.edu]

Sent: Sun 1/28/2007 10:13 AM

To: Spencer Swayze Cc: Howell, Bill

Subject: Re: CERES-TAMU

Spencer,

Again, we enjoyed the visit and were very impressed with Ceres as a whole. We can envision significant synergy and rapid progress across multiple RD initiatives. Please feel free to contact me, Bill Howell or anyone else on our team.

My reference to Peter as our primary point of contact is based on his skills with these types of discussions, our need for a central point of coordination, and frankly the number of initiatives (and meetings) that we all have to attend and juggle.

Peter is currently working on a RD engagement strategy and would like to

pass it to Ceres for your review. Should he send it to you or one of your colleagues and cc you (and others)?

Again, we look forward to engaging in next steps. We might want to discuss potential DOE, DOD and other sources of funding in the near future.

Thanks again,

Bill

>; Richard Flavell

Sent: Wed Jan 24 17:12:18 2007

Subject: CERES-TAMU

Bill et al.,

First and foremost, on behalf of Ceres, I want to thank the TAMU team for a very productive meeting at Ceres on Monday. We very much enjoyed the dialogue and look forward to moving our collaboration discussions to the next step. As discussed, I created a list of the broad topics that will require additional internal discussions by both parties as we move forward. Please let me know if we have failed to mention anything below.

- 1) Breeding/MAB Program Design
- 2) Value Capture/Incentive Alignment
- 3) Definition of Field
- 4) Management of Joint Intellectual Property
- 5) Foundation Seed Production
- 6) Recognition of TAMU Affiliate Entities
- 7) Budget for the Breeding/MAB Program

We are in the process of addressing these topics internally and look forward to providing you with our perspective within the next week. As discussed, we look forward to receiving your boilerplate sponsored research and license agreements. We believe that the next steps include an operational level scientific discussion between Ceres scientists and Professors Mullet and Rooney to begin the process of completing a work plan that describes the design and implementation of the Breeding/MAB program. We would propose that this occur via teleconference within the next two weeks. In addition, we will plan to have a complete term sheet to you and your team within the next two weeks.

On a separate note, Clint Johnson and I will be at the Texas Seed Trade Association meeting February 4-6. We would enjoy the opportunity to get together for lunch or dinner with those from your group who will be in attendance. Please let me know if there is a time that will work for you.

I want to close by thanking you again for the productive meeting. We are very impressed with all of the opportunities that come from a relationship with Texas A&M University. We believe that this working relationship has a lot of potential and we are excited about the contemplated future CERES-TAMU Sponsored Research Collaboration. If you have any questions or comments, please do not hesitate to contact me. My office and mobile number are posted below.

Best regards,

Spencer P. Swayze

Manager of Business Development

Ceres, Inc.

Office: (805) 376-6508

Mobile: (805) 407-8799

www.ceres.net

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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liability for any viruses or other potentially harmful code which may be
transmitted by or accompanying this email or any attachment.
<u></u>

Sent: Wednesday, October 20, 2010 2:59 PM

**To:** Gomez, Christina M.

**Subject:** FW: Article from bizjournals.com: Missouri proving fertile for biofuel investment groups

#### **Brett Cornwell**

Associate Vice Chancellor for Commercialization Office of the Vice Chancellor for Research Texas A&M University System 800 Raymond Stotzer, Suite 2020 College Station, TX 77843 979-845-9699

From: Schuerman, Peter L.

Sent: Monday, January 29, 2007 8:32 AM

To: Howell, Bill; Cornwell, Brett L.

Cc: Riddle, David

Subject: FW: Article from bizjournals.com: Missouri proving fertile for biofuel investment groups

# Bill, Brett:

I thought this article might be of interest to you. Does Texas have any comparable efforts to build biofuel plants?

# -Peter

From: refertofriend@webmail.bizjournals.com [mailto:refertofriend@webmail.bizjournals.com]

Sent: Monday, January 29, 2007 8:17 AM

**To:** Schuerman, Peter L.

Subject: Article from bizjournals.com: Missouri proving fertile for biofuel investment groups



Hello from bizjournals.com! (PSchuerman@tamu.edu) thought you might like the following article from the St. Louis Business Journal:

# Missouri proving fertile for biofuel investment groups

Published: January 29, 2007aa

Investment opportunities in homegrown energy are sprouting up everywhere.

To continue reading, go to:

http://stlouis.bizjournals.com/stlouis/stories/2007/01/29/story9.html?b=1170046800^1407728&surround=etf

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	on higher
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Cornwell, Brett L. From:

Sent: Wednesday, October 20, 2010 3:10 PM

Gomez. Christina M. To: FW: Summer intern Subject:

Brett Cornwell

Associate Vice Chancellor for Commercialization Office of the Vice Chancellor for Research Texas A&M University System 800 Raymond Stotzer, Suite 2020 College Station, TX 77843 979-845-9699

----Original Message----

From: Avant, Bob

Sent: Wednesday, April 22, 2009 4:45 PM

To: Cornwell, Brett L. Subject: Re: Summer intern

I like the price. Where do we find them?

Bob Avant

512/422-6171 (Cell)

---- Original Message -----

From: Cornwell, Brett L.

To: Avant, Bob

Sent: Wed Apr 22 15:06:20 2009 Subject: RE: Summer intern

Sometimes you can get the interns for free for the experience. Depends on the student.

Thought you might want to check it out.

Brett

----Original Message----

From: Avant, Bob

Sent: Wednesday, April 22, 2009 3:05 PM

To: Cornwell, Brett L. Subject: Re: Summer intern

Brett,

We are looking for a student worker not intern.

Bob Avant

512/422-6171 (Cell)

---- Original Message -----

From: Cornwell, Brett L.

To: Peter Schuerman Sent: Wed Apr 22 14:17:02 2009 ; Avant, Bob; Simpson, Shay

Subject: FW: Summer intern

Bob,

I heard you guys were looking for a student intern. I thought this guy may be a good fit.

Also Peter, don't know if you have any ideas for him at OTC.

He looks like a good fit for AgriLife projects.

## Brett Cornwell

----Original Message----

From: Zhou, Ping [mailto:ping.zhou@neo.tamu.edu]

Sent: Monday, April 20, 2009 11:52 PM

To: Cornwell, Brett L. Subject: Summer intern

Mr. Cornwell,

It has been a while since our meeting in the Tech Transfer week.

I am wondering whether Office of Technology Commercialization has any internship opportunity open during the summer. I have a keen interest in technology commercialization because of my 12 years studying and research in biological science. I attached my resume for your consideration.

Thanks a lot!

All the best,

Ping

Cornwell, Brett L. From:

Sent: Wednesday, October 20, 2010 3:10 PM

Gomez. Christina M. To: FW: Summer intern Subject:

#### Brett Cornwell

Associate Vice Chancellor for Commercialization Office of the Vice Chancellor for Research Texas A&M University System 800 Raymond Stotzer, Suite 2020 College Station, TX 77843 979-845-9699

----Original Message----From: Avant, Bob Sent: Wednesday, April 22, 2009 4:44 PM To: Simpson, Shay; Cornwell, Brett L.; Subject: Re: Summer intern 5-7k for summer. Bob Avant 512/422-6171 (Cell) ---- Original Message -----From: Simpson, Shay To: Cornwell, Brett L.; 'Peter Schuerman'

; Avant, Bob

Sent: Wed Apr 22 15:09:37 2009 Subject: RE: Summer intern

Brett,

I might not have been clear when we were talking, we are looking at hiring a student worker.

I don't know the budget we have available, but maybe enough to attract an intern.

Bob?

Shay L. Simpson Associate Director, Corporate Relations Texas AgriLife Research 979-845-6315 Tel shay-simpson@tamu.edu

----Original Message----From: Cornwell, Brett L.

Sent: Wednesday, April 22, 2009 2:17 PM

To: Peter Schuerman; Avant, Bob; Simpson, Shay

Subject: FW: Summer intern

Bob,

I heard you guys were looking for a student intern. I thought this guy may be a good fit.

Also Peter, don't know if you have any ideas for him at OTC.

He looks like a good fit for AgriLife projects.

# Brett Cornwell

----Original Message----

From: Zhou, Ping [mailto:ping.zhou@neo.tamu.edu]

Sent: Monday, April 20, 2009 11:52 PM

To: Cornwell, Brett L. Subject: Summer intern

Mr. Cornwell,

It has been a while since our meeting in the Tech Transfer week.

I am wondering whether Office of Technology Commercialization has any internship opportunity open during the summer. I have a keen interest in technology commercialization because of my 12 years studying and research in biological science. I attached my resume for your consideration.

Thanks a lot!

All the best,

Ping

Sent: Wednesday, October 20, 2010 3:09 PM

To: Gomez, Christina M. Subject: FW: Summer intern

#### Brett Cornwell

Associate Vice Chancellor for Commercialization Office of the Vice Chancellor for Research Texas A&M University System 800 Raymond Stotzer, Suite 2020 College Station, TX 77843 979-845-9699

----Original Message----

From: Avant, Bob

Sent: Wednesday, April 22, 2009 3:05 PM

To: Cornwell, Brett L. Subject: Re: Summer intern

Brett,

We are looking for a student worker not intern.

Bob Avant

512/422-6171 (Cell)

---- Original Message -----

From: Cornwell, Brett L.

To: Peter Schuerman ; Avant, Bob; Simpson, Shay

Sent: Wed Apr 22 14:17:02 2009 Subject: FW: Summer intern

Bob,

I heard you guys were looking for a student intern. I thought this guy may be a good fit.

Also Peter, don't know if you have any ideas for him at OTC.

He looks like a good fit for AgriLife projects.

Brett Cornwell

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----Original Message----
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Sent: Monday, April 20, 2009 11:52 PM

To: Cornwell, Brett L. Subject: Summer intern

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1

Thanks a lot!

All the best,

Ping

Sent: Wednesday, October 20, 2010 3:09 PM

To: Gomez, Christina M.

Subject: FW: Software Commercialization

#### Brett Cornwell

Associate Vice Chancellor for Commercialization Office of the Vice Chancellor for Research Texas A&M University System 800 Raymond Stotzer, Suite 2020 College Station, TX 77843 979-845-9699

----Original Message----

From: Fajt, James R.

Sent: Thursday, July 23, 2009 9:15 AM

To: Cornwell, Brett L.

Subject: Re: Software Commercialization

Yes, if we can do it after 3pm

---- Original Message ----

From: Cornwell, Brett L.

To: Peter Schuerman Fajt, James R.

Sent: Thu Jul 23 09:08:00 2009

Subject: FW: Software Commercialization

Jim, you available to meet with TEEX/TEES on Monday Aug 17? I'm open the whole day.

I spoke with Peter and he wanted you to be in on the meeting. Based on past conversations I've had with the two groups, I should attend as well because I think they are interested in a possible spin-out related to the technology opportunity.

As I understand it, TEEX and TEES have co-developed software for disaster response training. These are interactive scenarios that would be the backdrop for direct hands on training. Imagine bringing all of the disaster responsible people from Houston (fire, police, mayor, health) and have them be guided through a disaster scenario. The guiding and teaching is done by the human trainers. The scenario and the consequences of their decisions is brought to life by the software running in conjunction with the class.

I am pretty certain this is not stand alone online class software. It supports the interactive training.

This software and training paradigm is used in College Station at Disaster City. The goal is to develop a way to expand the use of the software and training beyond the College Station Emergency Operations Planning Center.

#### Brett

----Original Message----

From: Linda Huff <a href="mailto:lhuff@tamu.edu">[mailto:lhuff@tamu.edu</a>]
Sent: Wednesday, July 22, 2009 3:08 PM

To: Cornwell, Brett L.

Subject: Software Commercialization

1

Good afternoon Brett,

TCAT (TEES) and TEEX are interested in setting a meeting with you to discuss the commercialization of simulation software that the two agencies have jointly developed. We are interested in discussing the OTC resources available to assist us with the commercialization process and the process itself.

Would you be available on August 17, morning or afternoon, to meet with our group? If the 17th would not work for you, can you offer some alternate dates later in the week or possibly the following week?

Thanks,

Linda

Linda G. Huff Business Services Manager Texas Center for Applied Technology Texas Engineering Experiment Station College Station, TX 77843-3407

Physical Address: 1470 William D. Fitch Pkwy., Suite 102B, College Station, TX 77845

(979) 458-7649

Sent: Wednesday, October 20, 2010 3:08 PM

**To:** Gomez, Christina M. **Subject:** FW: Licensing template

#### Brett Cornwell

Associate Vice Chancellor for Commercialization Office of the Vice Chancellor for Research Texas A&M University System 800 Raymond Stotzer, Suite 2020 College Station, TX 77843 979-845-9699

----Original Message-----From: Schuerman, Peter L.

Sent: Thursday, July 09, 2009 5:02 PM

To: Fajt, James R. Cc: Cornwell, Brett L.

Subject: Fw: Licensing template

Jim, please send the template to Brett. Please also find a place for this on the K drive and let Janie and your team know where.

---- Original Message -----

From: Cornwell, Brett L. <Cornwell@tamu.edu>

To: Peter Schuerman

Sent: Thu Jul 09 15:23:42 2009 Subject: FW: Licensing template

Can you direct me to an electronic copy of our newly agreed to licensing template that was developed in partnership with UT?

## **Thanks**

## Brett

----Original Message-----From: Ellison, Mark M.

Sent: Wednesday, July 08, 2009 2:58 PM

To: Cornwell, Brett L.; Wakefield, Troy P.

Subject: Licensing template

Send electronic copy to Alan Kirchhoff.

Sent: Wednesday, October 20, 2010 3:08 PM

**To:** Gomez, Christina M. **Subject:** FW: OTC marketing

## **Brett Cornwell**

Associate Vice Chancellor for Commercialization Office of the Vice Chancellor for Research Texas A&M University System 800 Raymond Stotzer, Suite 2020 College Station, TX 77843 979-845-9699

**From:** Schuerman, Peter L.

Sent: Wednesday, April 29, 2009 9:41 AM

To: Cornwell, Brett L.

Subject: Re: OTC marketing

I can look into this if you are interested in adding such an individual. Please let me know.

You and I still need to discuss marketing for OTC. I'll ask Diane to set uop something in the next week or so.

Sent from 979.571.1816 http://technology.tamu.edu

**From**: Cornwell, Brett L. **To**: Schuerman, Peter L.

Sent: Wed Apr 29 09:27:09 2009 Subject: RE: OTC marketing

I have not seen a budget in long time so I don't know where that money is being spent.

#### Brett

From: Schuerman, Peter L.

Sent: Wednesday, April 29, 2009 9:26 AM

To: Cornwell, Brett L.

Subject: Re: OTC marketing

Interesting... Could you support an FTE under the ETF funding?

Sent from 979.571.1816 http://technology.tamu.edu

From: Cornwell, Brett L. <Cornwell@tamu.edu>

To: Peter Schuerman

Sent: Wed Apr 29 09:22:20 2009 Subject: FW: OTC marketing Don't know what your thoughts or needs are for a marketing person.

## Brett

From: Joyce, Jim [mailto:Joyce@tamhsc.edu] Sent: Tuesday, April 28, 2009 10:56 AM

**To:** Cornwell, Brett L. **Subject:** OTC marketing

# Hey Brett,

I understand you met a good friend of mine recently – Jennifer Duhon (Shell Marketing and Commercialization). She and I have been best of friends since college.

We visited this weekend, and she is tired of the corporate rat race at Shell. She may be interested in a marketing position in a University commercialization office. I think she would be a great asset to the OTC, if such a position is seen as a useful addition. She is an Aggie through and through...

Thoughts?

Jim

Sent: Wednesday, October 20, 2010 3:08 PM

**To:** Gomez, Christina M. **Subject:** FW: OTC marketing

## **Brett Cornwell**

Associate Vice Chancellor for Commercialization Office of the Vice Chancellor for Research Texas A&M University System 800 Raymond Stotzer, Suite 2020 College Station, TX 77843 979-845-9699

**From:** Schuerman, Peter L.

Sent: Wednesday, April 29, 2009 9:26 AM

To: Cornwell, Brett L.

Subject: Re: OTC marketing

Interesting... Could you support an FTE under the ETF funding?

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From: Cornwell, Brett L. < Cornwell@tamu.edu>

To: Peter Schuerman

Sent: Wed Apr 29 09:22:20 2009 Subject: FW: OTC marketing

Don't know what your thoughts or needs are for a marketing person.

#### Brett

From: Joyce, Jim [mailto:Joyce@tamhsc.edu]
Sent: Tuesday, April 28, 2009 10:56 AM

**To:** Cornwell, Brett L. **Subject:** OTC marketing

# Hey Brett,

I understand you met a good friend of mine recently – Jennifer Duhon (Shell Marketing and Commercialization). She and I have been best of friends since college.

We visited this weekend, and she is tired of the corporate rat race at Shell. She may be interested in a marketing position in a University commercialization office. I think she would be a great asset to the OTC, if such a position is seen as a useful addition. She is an Aggie through and through...

Thoughts?

Jim

Sent: Wednesday, October 20, 2010 3:01 PM

**To:** Gomez, Christina M. **Subject:** FW: What do you think?

#### Brett Cornwell

Associate Vice Chancellor for Commercialization Office of the Vice Chancellor for Research Texas A&M University System 800 Raymond Stotzer, Suite 2020 College Station, TX 77843 979-845-9699

----Original Message----

From: Christian Nansen [mailto:cnansen@ag.tamu.edu]

Sent: Monday, August 27, 2007 8:28 AM To: Peter Schuerman; Cornwell, Brett L.

Subject: Re: What do you think?

#### Peter,

I found a bit more info about that competition and it seems to be for slightly more mature ideas/plans - they are looking for business plans marketing strategies etc - we not quite there yet... Sorry, I should have investigated it a bit more before contacting you about this.

Yours, Christian

Christian Nansen Grains Entomologist Texas A&M University Texas Agricultural Experiment Station 1102 E FM 1294, Lubbock

Texas 79403, USA Phone: + 806-746-6101 Fax: + 806-746-6528

Website: http://www.geocities.com/nansen lubbock/

>>> "Peter Schuerman" 8/27/2007 7:28 AM >>>

Christian, can you send this to me as a Word doc? I am travelling and my mobile device is having trouble with the pdf.

On 8/26/07, Christian Nansen <cnansen@ag.tamu.edu> wrote:

- > Dear Peter and Brett,
- > I know there would only be a few days to prepare a proposal but do
- > you think the attached opportunity would be worth going for regarding
- > automated feed inspection? If so, I was wondering if there would be a
- > way we could submit a proposal as a team?
- > Yours,
- > Christian

**,** 

- > Christian Nansen
- > Grains Entomologist
- > Texas A&M University

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> Texas Agricultural Experiment Station
> 1102 E FM 1294, Lubbock
> Texas 79403, USA
> Phone: + 806-746-6101
> Fax: + 806-746-6528
> Website: http://www.geocities.com/nansen lubbock/
>
>
```

From:

Peter Schuerman
Monday, September 14, 2009 10:14 AM
Hurley, Janie C.
RE: GnRH Therapeutics in the Mare Sent:

To:

Subject:

is no longer active. The account

-Peter

From: on behalf of Peter Schuerman [pschuerman@tamu.edu]

**Sent:** Friday, August 24, 2007 9:14 AM

To: Hurley, Janie C.

**Subject:** Fwd: Discuss collaboration draft

Attachments: IPLM-36695-v5-TAMU\_-\_PHI\_Collaboration.DOC

Janie, could you please review this agreement and provide me comments by next Thursday?

Thanks,

-Peter

----- Forwarded message -----

From: **VOGEL**, **JULIE M**. Date: Aug 16, 2007 5:16 PM

Subject: RE: Discuss collaboration draft

To:

Hello Peter,

I'm afraid that today got away from me regarding being able to put together a detailed email explanation of the revisions in the attached revision of the agreement. I apologize and hope that most of the minor wordsmithing changes/clarifications will be self-explanatory.

For the 3 major things we discussed previously (licenses/rights, confidentiality, treatment of materials/germplasm):

- 1. These revisions reflect the upfront non-exclusive license to Pioneer and an option to an exclusive, with the payments for the NE license, along with the research payments, detailed in this agreement. We have elected to put in this agreement a new section describing principles to be used for negotiation of terms for the exclusive license in the future, and feel that not attaching a sample exclusive license gives us both more flexibility at the time this license is negotiated.
- 2. The attached reflects reversion to having Confidential Information include the results of the project, but have added a new exception to confidentiality regarding publication per the terms of the agreement.
- 3. We have simplified the treatment and terms for ownership and use of Materials (where Materials includes germplasm) and have fleshed out the section on patents/patenting so that Pioneer's standard practice regarding collaborations is addressed. Pioneer's payment of patent costs requires we use these more detailed patenting terms. Given that Materials includes germplasm, that Subject Inventions includes pvp rights, and that "Plant Product" is a term applicable to royalties and commercial terms, incorporated the treatment of tangible and intellectual property rights for germplasm under the respective

1

Materials and Subject Inventions, and removed the Tangible Property section of your draft. We trust you will agree this is more sensible.

I look forward to finding common ground for the terms for this agreement -- I have tried hard in this new revision to integrate what I understand are key items for TAMU with Pioneer's needs. I know that our researchers are very interested begin this work with John Mullet and his group, however Pioneer needs to ensure the terms are appropriate and consistent with our spending hundreds of thousands in research funding and commitment of in-kind resources over the next 3 years for this collaborative project.

I look forward to hearing from you. If you would like to discuss anything on Mon (8/20) or Tues (8/21), let me know (by both reply email and voicemail) a few times on those days that will work and I'll plan to call you from the road. I'll be out of communication as of Wed (8/22) and will return to the office 8/27.

Best regards, Julie

Julie Vogel, PhD Manager, Licensing/Business Development Pioneer Hi-Bred International, Inc. Tel. 302-695-6947

----Original Message----From: VOGEL, JULIE M.

Sent: Thursday, August 16, 2007 8:56 AM

To: 'Schuerman, Peter L.'

Subject: RE: Discuss collaboration draft

# Hi Peter,

Unfortunately, I'll be starting vacation on Friday. Traveling all that day will make it nearly impossible for me to contact you. I'll plan to send our edits today with more email explanation than if we were to have talked today, and then, if you think it would additionally be useful I could plan to call you next Mon or Tues. I'll be partly in communication mode those days, but will be completely unconnected Wed-Fri next week.

Once you have a chance to review what I'll be sending, let me know if you would welcome a phonecall Mon or Tues. In case I have trouble with internet connection while away, please leave a reply on my office voicemail (302-695-6947).

Thanks, Julie ----Original Message----

From: Schuerman, Peter L. [mailto: PSchuerman@tamu.edu]

Sent: Wednesday, August 15, 2007 11:20 PM To: VOGEL, JULIE M.; Schuerman, Peter L. Subject: RE: Discuss collaboration draft

Julie,

Thanks for your email. I am going to be on the road all day tomorrow, but is there a time Friday that would work for you?

-Peter

----Original Message----

From: "VOGEL, JULIE M."

To: "Schuerman, Peter L." < PSchuerman@tamu.edu>

Sent: 8/15/07 5:14 PM

Subject: Discuss collaboration draft

Hello Peter,

I am planning to send you our edits to the draft collaboration agreement tomorrow, however I realize it would be useful for us to discuss some things by phone beforehand. Will you have any time tomorrow, Aug 16? Let me know, and I'll plan to give you a call.

Thanks and best regards, Julie

Julie M. Vogel, PhD Manager, Licensing/Business Development Pioneer Hi-Bred International, Inc.

PO Box 80353 Wilmington, DE 19880-0353 USA Tel. 302-695-6947 Fax. 302-695-3125

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From:

Peter Schuerman Monday, April 30, 2007 11:28 AM Sent: To: Hurley, Janie C.; Chait Rendu FW: Cellulosics Weslaco Subject:

FYI. Let's give Weslaco a lot of attention.

----Original Message----

From: "J Michael Gould" < <pre>jmgould@tamu.edu>

To:

Sent: 4/29/07 9:09 PM

Subject: Re: Cellulosics Weslaco

Bill et al,

Please let me know if there is anything we can do to help keep things moving along. It was indeed a great meeting and we are pretty excited down here!

Mike

Mike Gould Professor & Center Director TAES-Weslaco & TAMUK Citrus Center

phone: 956.968.5585 fax: 956.968.0641 jmgould@tamu.edu

On Apr 29, 2007, at 11:50 AM, McCutchen, Bill wrote:

Bob,

From: Peter Schuerman

Sent: Wednesday, April 18, 2007 2:32 PM

To: chaithanya r; Chait Rendu

Cc: Hurley, Janie C.

Subject: RE: Patents\_with\_no Licensee (2) (2) (2).XLS

The deadline is May 18 so let me know what you'll need to hit that target.

----Original Message----

From: "chaithanya r" < To: "Peter Schuerman"

Cc: "janie hurley" <jhurley@tamu.edu>

Sent: 4/18/07 3:08 PM

Subject: RE: Patents\_with\_no Licensee (2) (2) (2).XLS

I've listed all my projects in the report format recommened by you. Based on Janie's email to you and your discussion with her I've put it on hold.

PLease suggest a reasonable deadline to fill out the background and my recommendation takking into consideration that I'll need to work with the team on this...I'll do my best to comply or tell you why I might need more time.

Thanks, Chait

Peter Schuerman wrote:

Chait, how far along are you on this now?

----Original Message----

From: "chaithanya r"
To: "Peter Schuerman"

Sent: 4/17/07 2:57 PM

Subject: RE: Patents\_with\_no Licensee (2) (2) (2).XLS

I should have it done today.

Peter Schuerman

wrote: Thanks for this. Using this, when will you have your portion of the report completed?

Let me know ASAP.

-----

From: Renduchintala, Chait

Sent: Tuesday, April 17, 2007 9:00:02 AM

To: Schuerman, Peter L. Cc: Hurley, Janie C.

Subject: Patents\_with\_no Licensee (2) (2) (2).XLS Auto forwarded by a Rule

Patent numbers included in attached version.

Thanks, Chait

-----

Ahhh...imagining that irresistible "new car" smell? Check outnew cars at Yahoo! Autos.

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Ahhh...imagining that irresistible "new car" smell? Check outnew cars at Yahoo! Autos.

From:

Peter Schuerman Thursday, March 22, 2007 11:02 AM Hurley, Janie C. Sent:

To: Christine Morgan Subject:

Janie are you working on anything for Christine on soil analysis? I met with Dave Baltensperger and he mentioned that she was working on a patent.

1

From:

Peter Schuerman Tuesday, April 17, 2007 10:31 AM Sent:

Chait Rendu To: Hurley, Janie C. Cc:

RE: Patents\_with\_no Licensee (2) (2) (2).XLS Subject:

Thanks for this. Using this, when will you have your portion of the report completed? Let me know ASAP.

From: Renduchintala, Chait

Sent: Tuesday, April 17, 2007 9:00:02 AM

To: Schuerman, Peter L. Cc: Hurley, Janie C.

Subject: Patents\_with\_no Licensee (2) (2).XLS Auto forwarded by a Rule

Patent numbers included in attached version.

Thanks, Chait

<<Patents\_with\_no Licensee (2) (2) (2).XLS>>