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**From:** John Mullet [jmullet@tamu.edu]  
**Sent:** Tuesday, May 05, 2009 8:11 AM  
**To:** Simpson, Shay; Schuerman, Peter L.; Spurlin, Shayna  
**Cc:** Simpson, Shay; Bill Rooney; Avant, Bob  
**Subject:** Re: Growth Cycle Analysis biomass samples

Shayna and Peter,

Here is a bit more background information on the Growth Cycle Analysis study.

The purpose of the GCA study was to provide general information on the growth, development and compositional changes of an experimental bioenergy hybrid Bill Rooney developed (██████████) and planted in College Station. This baseline information was collected to guide subsequent year studies, and to collect basic information on plant growth and development for use by our modeling groups (Ted Wilson, Armen Kermanian, Bruce McCarl). All of our studies were conducted in College Station during the summer of 2008. Bill Rooney also planted this hybrid at many other locations around the country as part of the SunGrant program, and I think he gave the hybrid to Ceres to plant in other locations. We intend to publish the results of the study after replicating the study this summer.

A Growth Cycle Analysis is labor and time consuming and we did not have sufficient personnel funded from any one source to carry out the study. Moreover, samples derived from the study were to be used for composition and conversion analysis by several different collaborators (Ceres, Chevron, NREL, JBEI). Bill Rooney's team planted the study and managed the field site. The Mullet team thinned the plots, collected samples every two weeks throughout the year and processed the samples (separating leaves and stems, taking measurements, leaf areas, etc). This general data on plant growth and development is baseline data and we assumed that no IP was going to be generated during this phase of the experiment. Personnel participating in sample collection were funded from AgriLife Research, the Adkisson Chair, Ceres, Inc and Chevron. A preliminary form of this information was presented in a poster at the PAG meeting this year (Ceres was kept informed) and will intend to publish this data after replication this summer.

The dried and ground samples derived from the GCA are intended for many downstream uses and analyses, some I would consider proprietary.

1. The samples were scanned by NIR and the data sent to Ceres for analysis of composition. This has provided useful information already.
2. We recently sent ground biomass samples to Ceres for biochemical conversion analysis.
3. We intend to send selected NIR data to NREL for composition analysis using their system.
4. We intend to send biomass samples to Chevron for conversion analysis using their thermochemical conversion system.
5. We intend to send biomass samples to JBEI for deconstruction and conversion analysis.

My perspective on this is that the samples are AgriLife's and we have the freedom to do many analyses on the samples including sending the samples to JBEI for deconstruction/conversion analysis. Data generated from sample analysis done in collaboration with Ceres, Chevron, etc. is proprietary.

The terms of our SRA state that we need to inform Ceres about actions (in this case biomass sample analyses) that we are conducting that might impact their business. This is why I emailed Walter Nelson to inform Ceres that I was going to send samples to JBEI. However, I don't think we need to obtain a letter of approval from Ceres to send samples to JBEI, and doing so would establish a precedent that would have very large inefficiencies downstream.

Essentially, we would have to set up separate studies to generate materials for each of our collaborators. If this is the case, then we will need to plan for this in the future.

Please let me know how to proceed.

Thanks,

John

PS: JBEI has a number of deconstruction techniques they are testing (acid, alkali, ammonia, ionic solvents) as pretreatments, and many microbial conversion options (microbial communities, enzymes, etc.). In all cases, information from these studies will be jointly shared by AgriLife and JBEI.

On May 4, 2009, at 9:34 PM, Simpson, Shay wrote:

> Shayna and Peter,  
> Is this congruent with our take on the contract?  
> Thanks,  
> Shay  
>  
> ----- Original Message -----  
> From: Walter Nelson <wnelson@ceres.net>  
> To: Mullet, John E.  
> Cc: Simpson, Shay  
> Sent: Mon May 04 19:12:58 2009  
> Subject: RE: Growth Cycle Analysis biomass samples  
>  
> John,  
>  
> I went and looked at the SRA to see how we are supposed to handle 3rd  
> party contracted research Apparently you will need written approval  
> from us before doing so. Getting the letter together should not be a  
> problem.  
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> As mentioned, I have emailed around your request if anyone has any  
> concerns and can then get you the letter. One quick question I had was  
> what exactly will be included in deconstructive analysis? Also, are  
> we sure the results will come back to A&M (said in another way, will  
> there be agreements governing the material transfer to ensure results  
> etc...  
> go back to you)?  
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> Thanks,  
>  
> Walter  
>  
> -----Original Message-----  
> From: Walter Nelson  
> Sent: Monday, May 04, 2009 4:25 PM

> To: 'John Mullet'  
> Cc: Shay Simpson  
> Subject: RE: Growth Cycle Analysis biomass samples  
>  
> Hi John,  
>  
> Just read through your note. Thanks for being so flexible on  
> reporting for the quarterlies. I know sometimes it can be a bit  
> burdensome, but it will help our researchers a lot when it comes to  
> coordinating with the projects we have with you.  
>  
> Also, thanks for letting me know about the growth cycle samples. I  
> was aware of the expenditures and understood there were some resource  
> shifts for that. As we mentioned during the quarterly, changes to the  
> plans and budgets are expected and we are fine with them so long as we  
> understand all the ramifications and what we are trading away in terms  
> of research achievements.  
>  
> I have passed along your note about outside analysis and will let you  
> know if any concerns pop up.  
>  
> Best regards,  
>  
> Walter  
>  
> -----Original Message-----  
> From: John Mullet [mailto:jmullet@tamu.edu]  
> Sent: Sunday, April 26, 2009 3:51 PM  
> To: Walter Nelson  
> Cc: Shay Simpson  
> Subject: Growth Cycle Analysis biomass samples  
>  
> Hi Walter,  
>  
> I thought our meeting last week was quite productive. Thanks for  
> facilitating the review and discussion. We will have our reports in  
> GANT chart form next quarterly meeting although it may take a few  
> attempts to get the level of detail appropriate for Ceres use.  
>  
> I wanted to follow up on one item related to the growth cycle study.  
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> The growth cycle study was intended to provide a baseline of data for  
> several subsequent projects and eventually lead to a publication.  
> Because data collection required lots of time and labor, people funded  
> from various sources were involved in sample generation (Bill Rooney's  
> group planted the hybrid, my team thinned, sampled, dried and analyzed  
> the samples). Some funding from Ceres was used for the project,  
> especially the work related to NIR analysis. In addition to the NIR  
> scans and samples we will be sending to Ceres for conversion analysis  
> I am planning to send other samples to the following entities for  
> analysis. I think this will broaden our understanding of composition  
> and conversion properties of this material. I wanted Ceres to be  
> aware of this before the samples are sent out in case you have  
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> 1. N analysis at the Beaumont REC.  
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> Thanks,  
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> John  
>  
>

---

**From:** Spurlin, Shayna  
**Sent:** Tuesday, May 05, 2009 8:07 AM  
**To:** Simpson, Shay; Schuerman, Peter L.  
**Subject:** Re: Growth Cycle Analysis biomass samples

Hi Shay,

I can't answer this until I have a chance to read through the terms of the SRA. It was an agreement I logged while at OTC, but not one I had detailed knowledge of.

I can read through and get back to you if that can be tomorrow.

Thanks,  
Shayna

----- Original Message -----

From: Simpson, Shay  
To: Schuerman, Peter L.; Spurlin, Shayna  
Cc: Mullet, John E.  
Sent: Mon May 04 21:34:34 2009  
Subject: Fw: Growth Cycle Analysis biomass samples

Shayna and Peter,  
Is this congruent with our take on the contract?  
Thanks,  
Shay

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From: Walter Nelson <wnelson@ceres.net>  
To: Mullet, John E.  
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Sent: Mon May 04 19:12:58 2009  
Subject: RE: Growth Cycle Analysis biomass samples

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Thanks,

Walter

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Thanks,

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**Sent:** Monday, May 04, 2009 9:35 PM  
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Thanks,

John



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**From:** Walter Nelson [wnelson@ceres.net]  
**Sent:** Monday, May 04, 2009 6:15 PM  
**To:** Spurlin, Shayna; Simpson, Shay  
**Cc:** Schuerman, Peter L.  
**Subject:** RE: Amendment IV

Hi Shayna,

We received the signed amendment in the mail this morning. Thank you for moving it through the process for me so quickly once you found out about it!

Best regards,

Walter

---

**From:** Spurlin, Shayna [mailto:sfspurlin@tamu.edu]  
**Sent:** Monday, May 04, 2009 12:41 PM  
**To:** Walter Nelson; Simpson, Shay  
**Cc:** Schuerman, Peter L.  
**Subject:** RE: Amendment IV

Hi Walter,

I apologize if this is a duplicate email; can't remember if I already updated you or not. I just wanted to let you know that the Amendment was signed by Dr. Hussey, and I was told that C&G sent out to Ceres on Friday morning (5/1/09). Please let me know if you don't haven't received it by tomorrow afternoon or Wednesday.

Thanks,  
Shayna

---

**From:** Walter Nelson [mailto:wnelson@ceres.net]  
**Sent:** Monday, April 27, 2009 6:22 PM  
**To:** Simpson, Shay; Spurlin, Shayna  
**Cc:** Schuerman, Peter L.  
**Subject:** RE: Amendment IV

Thanks Shay (and Shayna for doing that when sick. I hope you feel better soon!),

I appreciate it very much!

Best regards,

Walter

---

**From:** Simpson, Shay [mailto:shay-simpson@tamu.edu]  
**Sent:** Monday, April 27, 2009 12:49 PM  
**To:** Walter Nelson; Spurlin, Shayna  
**Cc:** Schuerman, Peter L.  
**Subject:** RE: Amendment IV

Walter:

Shayna is out sick today and was sick on Friday, bless her heart. Based on what she told me Friday, she hand delivered the Amendment to contracts and grants to rush through the signing process. We will get the copy to you ASAP.

Thanks,  
Shay

Shay L. Simpson  
Associate Director, Corporate Relations  
Texas AgriLife Research  
979-845-6315 Tel  
[shay-simpson@tamu.edu](mailto:shay-simpson@tamu.edu)

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**From:** Walter Nelson [mailto:wnelson@ceres.net]  
**Sent:** Monday, April 27, 2009 2:32 PM  
**To:** Spurlin, Shayna  
**Cc:** Schuerman, Peter L.; Simpson, Shay  
**Subject:** RE: Amendment IV

Thanks for sending this Shayna. Do send along an update on the second signature when you get a chance as we would like to have this fully executed as soon as we can.

Thanks,

Walter

---

**From:** Spurlin, Shayna [mailto:sfspurlin@tamu.edu]  
**Sent:** Friday, April 24, 2009 9:30 AM  
**To:** Walter Nelson  
**Cc:** Schuerman, Peter L.; Simpson, Shay  
**Subject:** Amendment IV

Walter,

I am embarrassed to say that I got the Amendment thinking it was signed by us and ready to go, only to discover it was signed by only one of our administrators rather than both required signatories. I have sent it back with a note that we need it completely signed and have requested they rush this through to Dr. Hussey so we can get two fully signed originals back to you.

A copy of the Amendment in its current state is attached for your records. Please know that it is underway and I will follow up on Monday for a status update. It is on my radar now, and I will keep you posted and work to get it back to you as quickly as possible.

Thanks,  
Shayna

---

**From:** WorkCentre 7335 [mailto:agrilife-xerox@tamu.edu]  
**Sent:** Friday, April 24, 2009 11:11 AM  
**To:** Spurlin, Shayna  
**Subject:** Scan Data from XC-95992B

---

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**From:** Schuerman, Peter L.  
**Sent:** Tuesday, April 28, 2009 10:27 PM  
**To:** 'shan podduturi'  
**Cc:** 'Nathan Boardman'; 'Donnie Swink'; 'Tony Davis'; 'Bill Rooney'; Schuerman, Peter L.  
**Subject:** RE: seed

Shan,

I'd be happy to discuss our licensing program with you or anyone at Crosbyton. I am out of the office this week, but sometime next week would work well; if you suggest two times, one will likely work for me.

Best regards,

**Peter Schuerman, Ph.D.**

Director, Licensing and Intellectual Property  
Texas A&M University System <http://otc.tamu.edu>  
Office of Technology Commercialization 979.845.0907

---

**From:** shan podduturi [mailto:spodduturi@crosbytonseed.com]  
**Sent:** Monday, April 27, 2009 5:15 PM  
**To:** Bill Rooney  
**Cc:** Schuerman, Peter L.; 'Nathan Boardman'; 'Donnie Swink'; 'Tony Davis'  
**Subject:** Re: seed

Bill,

Thanks, I look forward to visiting your nursery this summer.

Regards,  
Shan

----- Original Message -----

**From:** [Bill Rooney](#)  
**To:** '[Schuerman, Peter L.](#)'  
**Cc:** [spodduturi@crosbytonseed.com](mailto:spodduturi@crosbytonseed.com)  
**Sent:** Monday, April 27, 2009 3:04 PM  
**Subject:** seed

Peter:

Thanks for our discussion on Friday regarding sorghum germplasm access. I promised you contact information for Dr. Shan Podduturi from Crosbyton Seed Company, and he is copied on this e-mail. He and I spoke earlier today; I assured him that we can negotiate the terms of any deal to facilitate germplasm exchange and that a successful deal must be beneficial to both parties. If you would like to speak directly to him the phone number is 806 445 6282. I also told him that while a deal could not be done quickly enough to affect planting this season, it could be completed in time for a winter nursery season. In the meantime, he will have time to visit our nursery and assess exactly what germplasm he would have the most interest in acquiring. Thus, when the terms of the transfer agreement are done, the list of material can be completed.

regards,

bill

Dr. William L. Rooney  
Professor, Sorghum Breeding and Genetics  
Chair, Plant Release Committee  
Texas A&M University  
College Station, Texas 77843-2474  
979 845 2151

---

**From:** Schuerman, Peter L.  
**Sent:** Tuesday, April 28, 2009 10:21 PM  
**To:** 'shan podduturi'  
**Cc:** 'Nathan Boardman'; 'Donnie Swink'; 'Tony Davis'; Bill Rooney; Schuerman, Peter L.  
**Subject:** RE: seed

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**Sent:** Monday, April 27, 2009 2:32 PM  
**To:** Spurlin, Shayna  
**Cc:** Schuerman, Peter L.; Simpson, Shay  
**Subject:** RE: Amendment IV

Thanks for sending this Shayna. Do send along an update on the second signature when you get a chance as we would like to have this fully executed as soon as we can.

Thanks,

Walter

---

**From:** Spurlin, Shayna [mailto:sfspurlin@tamu.edu]  
**Sent:** Friday, April 24, 2009 9:30 AM  
**To:** Walter Nelson  
**Cc:** Schuerman, Peter L.; Simpson, Shay  
**Subject:** Amendment IV

Walter,

I am embarrassed to say that I got the Amendment thinking it was signed by us and ready to go, only to discover it was signed by only one of our administrators rather than both required signatories. I have sent it back with a note that we need it completely signed and have requested they rush this through to Dr. Hussey so we can get two fully signed originals back to you.

A copy of the Amendment in its current state is attached for your records. Please know that it is underway and I will follow up on Monday for a status update. It is on my radar now, and I will keep you posted and work to get it back to you as quickly as possible.

Thanks,  
Shayna

---

**From:** WorkCentre 7335 [mailto:agrilife-xerox@tamu.edu]

**Sent:** Friday, April 24, 2009 11:11 AM

**To:** Spurlin, Shayna

**Subject:** Scan Data from XC-95992B

---

**From:** Bill Rooney [wlr@tamu.edu]  
**Sent:** Monday, April 27, 2009 3:04 PM  
**To:** Schuerman, Peter L.  
**Cc:** spodduturi@crosbytonseed.com  
**Subject:** seed

Peter:

Thanks for our discussion on Friday regarding sorghum germplasm access. I promised you contact information for Dr. Shan Podduturi from Crosbyton Seed Company, and he is copied on this e-mail. He and I spoke earlier today; I assured him that we can negotiate the terms of any deal to facilitate germplasm exchange and that a successful deal must be beneficial to both parties. If you would like to speak directly to him the phone number is 806 445 6282. I also told him that while a deal could not be done quickly enough to affect planting this season, it could be completed in time for a winter nursery season. In the meantime, he will have time to visit our nursery and assess exactly what germplasm he would have the most interest in acquiring. Thus, when the terms of the transfer agreement are done, the list of material can be completed.

regards,

bill

Dr. William L. Rooney  
Professor, Sorghum Breeding and Genetics  
Chair, Plant Release Committee  
Texas A&M University  
College Station, Texas 77843-2474  
979 845 2151

---

**From:** Simpson, Shay  
**Sent:** Monday, April 27, 2009 2:49 PM  
**To:** 'Walter Nelson'; Spurlin, Shayna  
**Cc:** Schuerman, Peter L.  
**Subject:** RE: Amendment IV

Walter:

Shayna is out sick today and was sick on Friday, bless her heart. Based on what she told me Friday, she hand delivered the Amendment to contracts and grants to rush through the signing process. We will get the copy to you ASAP.

Thanks,  
Shay

Shay L. Simpson  
Associate Director, Corporate Relations  
Texas AgriLife Research  
979-845-6315 Tel  
[shay-simpson@tamu.edu](mailto:shay-simpson@tamu.edu)

---

**From:** Walter Nelson [mailto:wnelson@ceres.net]  
**Sent:** Monday, April 27, 2009 2:32 PM  
**To:** Spurlin, Shayna  
**Cc:** Schuerman, Peter L.; Simpson, Shay  
**Subject:** RE: Amendment IV

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**To:** Spurlin, Shayna  
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---

**From:** Schuerman, Peter L.  
**Sent:** Thursday, March 26, 2009 3:25 PM  
**To:** 'Bill Rooney'  
**Cc:** Schuerman, Peter L.  
**Subject:** FW: Possible solution

Your thoughts?

---

**From:** Nordlund, Don [mailto:Don.Nordlund@ARS.USDA.GOV]  
**Sent:** Thursday, March 26, 2009 12:42 PM  
**To:** Schuerman, Peter L.  
**Subject:** Possible solution

Hi Peter:

Martha suggested a solution:

1. Amend the NFCA to insure that both ARS and A&M researchers be involved in the selection of plants to be derived from the sorghum – sugarcane hybrids, to insure joint ownership of all lines resulting from the research.
2. We would also amend the NFCA to require A&M to share the F1 material with ARS so that the ARS researchers would be able to conduct the crosses contemplated by the Agreement.

ARS would be able to license its interest in any resulting IP exclusively to A&M (the joint owner).

Does something like that work for you?

Don Nordlund  
Technology Transfer Coordinator  
P.O. Box 5677  
Athens, GA 30604-5677  
Phone: 706-546-3496  
FAX: 706-546-3401  
E-mail: [don.nordlund@ars.usda.gov](mailto:don.nordlund@ars.usda.gov)



---

**From:** Schuerman, Peter L.  
**Sent:** Friday, March 06, 2009 1:27 PM  
**To:** McCutchen, Bill  
**Cc:** Schuerman, Peter L.  
**Subject:** RE: BRDI

I'm happy to help but need a fuller understanding of what you need and objectives.

---

**From:** McCutchen, Bill  
**Sent:** Friday, March 06, 2009 1:25 PM  
**To:** Avant, Bob; 'Bill Rooney'; Helms, Adam; 'Stelly David'; Schuerman, Peter L.  
**Subject:** RE: BRDI

My suggestion is to have Peter lay this out in wording. Terms to be negotiated.

Bill

Bill F. McCutchen, Ph.D.  
Associate Director  
Texas AgriLife Research  
Texas A&M University System  
113 Jack K. Williams Administration Building  
2142 TAMU College Station, TX 77843-2142  
979-845-8488 Tel  
979-458-4765 Fax  
[bmccutchen@tamu.edu](mailto:bmccutchen@tamu.edu)

---

**From:** Avant, Bob  
**Sent:** Friday, March 06, 2009 1:23 PM  
**To:** Bill Rooney; Helms, Adam; 'Stelly David'; McCutchen, Bill; Schuerman, Peter L.  
**Subject:** RE: BRDI

For purposes of the pre-app. I would recommend that we include Ceres as a collaborator, but say nothing about them being the only industry collaborator. For various reasons we might add others to the proposal. The clarification as Ceres providing a "commercialization" role is also good because it implies that they aren't involved in "development".

The value of having Ceres on the pre-app is important because it should result in a higher score.

Bob Avant  
Program Director  
Texas AgriLife Research  
979/845-2908  
512/422-6171 (Cell)  
[bavant@tamu.edu](mailto:bavant@tamu.edu)  
<http://agbioenergy.tamu.edu>

---

**From:** Bill Rooney [mailto:wlr@tamu.edu]  
**Sent:** Friday, March 06, 2009 11:45 AM

**To:** Avant, Bob; Helms, Adam; 'Stelly David'; McCutchen, Bill; Schuerman, Peter L.  
**Subject:** FW: BRDI

Guys;

Some of you got this last e-mail from Spencer and some didn't - all need to see it with reference to Ceres being the ONLY industry collaborator.

Do you find these terms acceptable? I read that to mean that a full application is only with Ceres as well.

Seems to me to be two options - include Ceres and deal with the issues later OR submit it now without partners and search for those groups if a full application is requested.

From my perspective, I don't see why we should obligate ourselves in any way at this point. Input, ideas?

regards,

bill

Dr. William L. Rooney  
Professor, Sorghum Breeding and Genetics  
Chair, Plant Release Committee  
Texas A&M University  
College Station, Texas 77843-2474  
979 845 2151

-----Original Message-----

**From:** Spencer Swayze [mailto:sswayze@ceres.net]  
**Sent:** Friday, March 06, 2009 11:36 AM  
**To:** Bill Rooney; Avant, Bob; Helms, Adam; Spurlin, Shayna  
**Subject:** RE: BRDI

Bill,

This email is to confirm that Ceres is comfortable with the pre-proposal. Just to confirm, we are comfortable with the version including only Ceres as the industry collaborator. One suggestion may be to add clarity to Ceres role (e.g. commercialization activities). If you make any changes, please send them to me to take another look at. We look forward to working on the full application with you!

Best regards,

Spencer P. Swayze  
Manager of Business Development  
Ceres, Inc. "*The Energy Crop Company*®"  
[sswayze@ceres-inc.com](mailto:sswayze@ceres-inc.com)  
Office: (805) 376-6508  
Mobile: (805) 407-8799  
[www.ceres.net](http://www.ceres.net)

-----Original Message-----

**From:** Bill Rooney [mailto:wlr@tamu.edu]  
**Sent:** Thursday, March 05, 2009 4:00 PM

**To:** Spencer Swayze; 'Avant, Bob'; 'Helms, Adam'; 'Spurlin, Shayna'

**Subject:** BRDI

Spencer and Bob:

Please send revision via track changes and send to Adam, Shayna and myself. WE will make final edits and submit tomorrow.

There are certainly room for new number and greater impact. I alway acceptable to someone else inserting that information.

regards,

bill

Dr. William L. Rooney  
Professor, Sorghum Breeding and Genetics  
Chair, Plant Release Committee  
Texas A&M University  
College Station, Texas 77843-2474  
979 845 2151

---

**From:** Schuerman, Peter L.  
**Sent:** Thursday, March 05, 2009 5:36 PM  
**To:** Helms, Adam  
**Cc:** Avant, Bob; McCutchen, Bill; Schuerman, Peter L.  
**Subject:** RE: DOE/USDA Biomass R&D Application

Adam, thanks for raising this concern. I am not familiar with 42 USC 5908 and I am getting some advice on this from counsel.

In any event, the obligations will not be incurred unless we accept the award, so submit away; we can always not accept, or seek a waiver or assess the likelihood of creating new inventions prior to accepting the award.

I'll keep you posted.

-----Original Message-----

From: Helms, Adam  
Sent: Tuesday, March 03, 2009 8:34 AM  
To: Schuerman, Peter L.  
Cc: Avant, Bob; McCutchen, Bill  
Subject: FW: DOE/USDA Biomass R&D Application

Peter,

Please find 4 attached documents. The word doc's are Dr. Bill Rooney's cover letter and proposal for BRDI. I have also attached the BRDI policy for IP.

With the way these documents are written, and the guidelines set forth by the government, are we going to lock up IP with Ceres / Chevron? Are will we have FTO.

Thanks,

Adam

-----Original Message-----

From: Helms, Adam  
Sent: Monday, March 02, 2009 4:45 PM  
To: 'Spencer Swayze'  
Cc: Avant, Bob  
Subject: FW: DOE/USDA Biomass R&D Application

Spencer,

Please find attached.

Thanks,

Adam

P.S. Congrats on your Cowboys beating t.u.

-----Original Message-----

From: Bill Rooney [mailto:wlr@tamu.edu]  
Sent: Monday, March 02, 2009 11:21 AM  
To: ahelms@tamu.edu; 'Patt JuneK'  
Subject: RE: DOE/USDA Biomass R&D Application

Adam and Patt:

Please find attached my document for the BRDI submission. I'm not sure who is supposed to do what, but I sure want to make sure this gets submitted. I think I've got everything that is needed from me, but if there is anything else that I need to do, PLEASE let me know. I'll be in the office most of today and all of tomorrow.

Regards,

Bill

Dr. William L. Rooney  
Professor, Sorghum Breeding and Genetics  
Chair, Plant Release Committee  
Texas A&M University  
College Station, Texas 77843-2474  
979 845 2151

-----Original Message-----

From: Patt JuneK [mailto:p-junek@tamu.edu]  
Sent: Friday, February 27, 2009 8:14 AM  
To: Genhua Niu; Juan Landivar; Seth C Murray; Armen R Kemanian; Bob Avant; Clyde Munster; John Sweeten; Mike A Foster; Russell Jessup; Seiichi Miyamoto; Steve Searcy; sfspurlin@tamu.edu; Bill L Rooney  
Subject: DOE/USDA Biomass R&D Application

All:

The application for the DOE/USDA Biomass R&D has been released and is attached to this e-mail. The application includes the business information for Texas AgriLife Research pre-populated to get you all started.

The second attachment is the solicitation/RFA which was retrieved via Grants.gov as "modification 2" in case you are working from a previous version of the document.

Please complete your pre-proposal in the Grants.gov application format and return to me for AgriLife's upload to Grants.gov to meet the formal submission requirements. Please do not wait until the last minute. Grants.gov has been extremely sluggish often requiring hours to successfully submit.

Let me know if additional information is needed.

Thanks,

- Patt

Patt Junek  
Preaward Services - Supervisor  
TAMU Agriculture, Contracts and Grants Office  
2147 TAMU  
College Station, TX 77843-2147

Physical Address:  
3000 Briarcrest Drive, Suite 101  
Bryan, Texas 77802  
979/845-8668 (voice); 979/862-7775 (fax)  
[p-junek@tamu.edu](mailto:p-junek@tamu.edu); <http://agcg.tamu.edu>

---

**From:** Simpson, Shay  
**Sent:** Thursday, February 12, 2009 3:59 PM  
**To:** Mullet, John E.; Nelson, Michelle; Adam Helms (ahelms@tamu.edu); Avant, Bob; McCutchen, Bill; Bridges, Brenda; David Baltensperger (dbaltensperger@tamu.edu); Slovacek, Jackie; Judy Young (j-young@tamu.edu); Jürg Blumenthal (jblumenthal@ag.tamu.edu); Penn, Nancye B; Patricia Klein; Schuerman, Peter L.; wlr@tamu.edu  
**Cc:** Walter Nelson  
**Subject:** April 23/24 Review Meeting

Group:

Our March 9/10 meeting has been *cancelled and moved* to APRIL 23/24. Ceres will be traveling to College Station for this meeting. During this meeting we are preparing also to discuss the Wide Hybridization (Sorcan) proposal jointly with Ceres and Chevron. I have double checked with both Ceres and Chevron that their schedules will allow for about a 2 hour discussion; and they are putting holds on their calendars at this time for appropriate people to be in College Station for this discussion.

Please block your calendars for ALL DAY on April 23 AND 24 for the Ceres review meeting and the Ceres/Chevron/AgriLife discussion of Sorcan.

More details on meeting location, agenda, etc. to come.

Thanks,  
Shay

Shay L. Simpson  
Project Manager, Corporate Relations  
Texas AgriLife Research  
979-845-6315 Tel  
[shay-simpson@tamu.edu](mailto:shay-simpson@tamu.edu)

---

**From:** Schuerman, Peter L.  
**Sent:** Thursday, February 12, 2009 1:50 PM  
**To:** McCutchen, Bill; 'Bill Rooney'  
**Cc:** Schuerman, Peter L.  
**Subject:** FW: sugarcane varieties

FYI

---

**From:** Schuerman, Peter L.  
**Sent:** Thursday, February 12, 2009 1:50 PM  
**To:** 'Nordlund, Don'  
**Cc:** Schuerman, Peter L.  
**Subject:** RE: sugarcane varieties

Hi Don,

We'll keep track of the F1s. I'll hold off on drafting an MTA until we are closer together in terms of our thinking; let me know how you would like to proceed.

-Peter

---

**From:** Nordlund, Don [mailto:Don.Nordlund@ARS.USDA.GOV]  
**Sent:** Tuesday, February 10, 2009 11:20 AM  
**To:** Schuerman, Peter L.  
**Subject:** RE: sugarcane varieties

Hi Peter,

It has not been ARS policy, which I believe is based on the law, to enter into arrangement where by ownership to IP is granted to anyone except via an inventive contribution to the IP. I don't believe that ARS is able to legally do what you are suggesting. If you wish to provide a draft MTA, I will pass it on to our lawyers for review. But I expect that we may be terminating the project. Please keep track of the F1, sorghum X sugarcane hybrids.

Regards,

Don Nordlund  
Technology Transfer Coordinator  
P.O. Box 5677  
Athens, GA 30604-5677  
Phone: 706-546-3496  
FAX: 706-546-3401  
E-mail: [don.nordlund@ars.usda.gov](mailto:don.nordlund@ars.usda.gov)

---

**From:** Schuerman, Peter L. [mailto:PSchuerman@tamu.edu]  
**Sent:** Monday, February 09, 2009 4:36 PM  
**To:** Nordlund, Don  
**Cc:** Schuerman, Peter L.  
**Subject:** RE: sugarcane varieties

Hi Don,

Thanks for your email. The approach we would take would be to continue to own the materials that we would provide, even as they may be incorporated into or combined with other materials. For instance, if we provided



material that was used in introgression, we would continue to own that part of our material that was introgressed into the new variety. The rights we have are due to our ownership of the tangible materials which we would maintain through our contractual arrangement.

A useful touchstone for this discussion is the COGR manual on MTAs: [http://www.cogr.edu/docs/MTA\\_Final.pdf](http://www.cogr.edu/docs/MTA_Final.pdf), especially Section 7, "How is ownership of combination materials determined?"

Please let me know if this is a reasonable basis for us to proceed.

Best regards,

-Peter

---

**From:** Nordlund, Don [mailto:Don.Nordlund@ARS.USDA.GOV]  
**Sent:** Monday, February 09, 2009 9:46 AM  
**To:** Schuerman, Peter L.  
**Subject:** RE: sugarcane varieties

Hi Peter:

I have been thinking about my response to your e-mail.

With regard to the two sorghum x sugarcane hybrids created under our NFCA – ARS has no problem agreeing not to distribute them, as they are A&M property.

ARS wishes to use that material (the two sorghum x sugarcane hybrids) in a sugarcane breeding program. My understanding is that no A&M employees will be involved in the sugarcane breeding effort, thus, A&M would have no ownership interests in the new sugarcane materials that will eventually be developed. At some point ARS would probably wish to release sugarcane materials that result from the breeding program. ARS may not agree that such releases (of the products of an ARS breeding program) would need approval from A&M. That material would be owned by ARS.

ARS does not make commercial use of anything. When ARS develops a plant variety of potential commercial value, it either make a public release of the variety or protects it (plant patent or PVPC) and licenses it to someone else to make commercial use of it.

Should plant material that ARS releases/licenses contain protected IP that ARS does not own, the person/company receiving it would need to license that IP before making commercial use of the material. ARS does not in-license such IP.

Anyway, I will be glad to review a draft of the MTA. However, ARS' agreement is likely to depend on how "material" is defined.

I hope that we can work something out.

Regards,

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---

**From:** Schuerman, Peter L. [mailto:PSchuerman@tamu.edu]  
**Sent:** Friday, February 06, 2009 4:32 PM  
**To:** Nordlund, Don

**Cc:** Hale, Anna; Schuerman, Peter L.

**Subject:** sugarcane varieties

Don,

We can provide the two sorghum x sugarcane hybrids under an MTA; that MTA would allow for the use of the material in breeding, but any commercialization or distribution to third parties of the material would be subject to getting approval from A&M. This is due to the material containing a trait licensed from John Innes Center / Plant Biotechnology Ltd.

If this is agreeable, we'll prepare the document for your review. Please let me know how you would like to proceed.

Best regards,

-Peter

Peter L. Schuerman, Ph.D.                      Sr. Licensing Manager  
Texas A&M University System                      <http://otc.tamu.edu>  
Office of Technology Commercialization                      979.845.0907

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Don Nordlund  
Technology Transfer Coordinator  
P.O. Box 5677  
Athens, GA 30604-5677  
Phone: 706-546-3496  
FAX: 706-546-3401  
E-mail: [don.nordlund@ars.usda.gov](mailto:don.nordlund@ars.usda.gov)

---

**From:** Schuerman, Peter L. [mailto:PSchuerman@tamu.edu]  
**Sent:** Friday, February 06, 2009 4:32 PM  
**To:** Nordlund, Don

**Cc:** Hale, Anna; Schuerman, Peter L.

**Subject:** sugarcane varieties

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Peter L. Schuerman, Ph.D.                      Sr. Licensing Manager  
Texas A&M University System                      <http://otc.tamu.edu>  
Office of Technology Commercialization                      979.845.0907

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**From:** Bill Rooney [wlr@tamu.edu]  
**Sent:** Tuesday, February 10, 2009 8:23 PM  
**To:** Schuerman, Peter L.; McCutchen, Bill  
**Cc:** Hurley, Janie C.  
**Subject:** RE: sugarcane varieties

Given the timing of my response (and after the eloquence of Dr. McCutchen), I don't believe there is much to add to this conversation.

Besides, I don't know the USDA policy, but I do know that we have to protect our own. So, carry on.....

regards,

bill

Dr. William L. Rooney  
Professor, Sorghum Breeding and Genetics  
Chair, Plant Release Committee  
Texas A&M University  
College Station, Texas 77843-2474  
979 845 2151

-----Original Message-----

**From:** Schuerman, Peter L. [mailto:PSchuerman@tamu.edu]  
**Sent:** Tuesday, February 10, 2009 2:22 PM  
**To:** McCutchen, Bill; Bill Rooney  
**Cc:** Hurley, Janie C.; Schuerman, Peter L.  
**Subject:** FW: sugarcane varieties

Bill, Bill:

Some feedback from ARS. I will wait for your feedback before replying.

-Peter

---

**From:** Nordlund, Don [mailto:Don.Nordlund@ARS.USDA.GOV]  
**Sent:** Tuesday, February 10, 2009 11:20 AM  
**To:** Schuerman, Peter L.  
**Subject:** RE: sugarcane varieties

Hi Peter,

It has not been ARS policy, which I believe is based on the law, to enter into arrangement where by ownership to IP is granted to anyone except via an inventive contribution to the IP. I don't believe that ARS is able to legally do what you are suggesting. If you wish to provide a draft MTA, I will pass it on to our lawyers for review. But I expect that we may be terminating the project. Please keep track of the F1, sorghum X sugarcane hybrids.

Regards,

Don Nordlund  
Technology Transfer Coordinator  
P.O. Box 5677  
Athens, GA 30604-5677  
Phone: 706-546-3496  
FAX: 706-546-3401

---

**From:** Schuerman, Peter L. [mailto:PSchuerman@tamu.edu]  
**Sent:** Monday, February 09, 2009 4:36 PM  
**To:** Nordlund, Don  
**Cc:** Schuerman, Peter L.  
**Subject:** RE: sugarcane varieties

Hi Don,

Thanks for your email. The approach we would take would be to continue to own the materials that we would provide, even as they may be incorporated into or combined with other materials. For instance, if we provided material that was used in introgression, we would continue to own that part of our material that was introgressed into the new variety. The rights we have are due to our ownership of the tangible materials which we would maintain through our contractual arrangement.

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Please let me know if this is a reasonable basis for us to proceed.

Best regards,

-Peter

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**From:** Nordlund, Don [mailto:Don.Nordlund@ARS.USDA.GOV]  
**Sent:** Monday, February 09, 2009 9:46 AM  
**To:** Schuerman, Peter L.  
**Subject:** RE: sugarcane varieties

Hi Peter:

I have been thinking about my response to your e-mail.

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Anyway, I will be glad to review a draft of the MTA. However, ARS' agreement is likely to depend on how "material" is defined.

I hope that we can work something out.

Regards,

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Athens, GA 30604-5677  
Phone: 706-546-3496  
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E-mail: don.nordlund@ars.usda.gov

---

**From:** Schuerman, Peter L. [mailto:PSchuerman@tamu.edu]  
**Sent:** Friday, February 06, 2009 4:32 PM  
**To:** Nordlund, Don  
**Cc:** Hale, Anna; Schuerman, Peter L.  
**Subject:** sugarcane varieties

Don,

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If this is agreeable, we'll prepare the document for your review. Please let me know how you would like to proceed.

Best regards,

-Peter

Peter L. Schuerman, Ph.D.                      Sr. Licensing Manager  
Texas A&M University System                      <http://otc.tamu.edu>  
Office of Technology Commercialization                      979.845.0907



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**From:** McCutchen, Bill  
**Sent:** Tuesday, February 10, 2009 6:17 PM  
**To:** Schuerman, Peter L.; 'wlr@tamu.edu'  
**Cc:** Hurley, Janie C.  
**Subject:** Re: sugarcane varieties

Bull Hockey. They can do this and perhaps we should go straight to USDA head that deals with these matters. I have met him a couple of times and can get his name if needed.

Bill

---

**From:** Schuerman, Peter L.  
**To:** McCutchen, Bill; 'Bill Rooney'  
**Cc:** Hurley, Janie C.; Schuerman, Peter L.  
**Sent:** Tue Feb 10 14:22:03 2009  
**Subject:** FW: sugarcane varieties  
Bill, Bill:

Some feedback from ARS. I will wait for your feedback before replying.

-Peter

---

**From:** Nordlund, Don [mailto:Don.Nordlund@ARS.USDA.GOV]  
**Sent:** Tuesday, February 10, 2009 11:20 AM  
**To:** Schuerman, Peter L.  
**Subject:** RE: sugarcane varieties

Hi Peter,

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**Cc:** Schuerman, Peter L.  
**Subject:** RE: sugarcane varieties

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E-mail: don.nordlund@ars.usda.gov

**From:** Schuerman, Peter L. [mailto:PSchuerman@tamu.edu]  
**Sent:** Friday, February 06, 2009 4:32 PM  
**To:** Nordlund, Don  
**Cc:** Hale, Anna; Schuerman, Peter L.  
**Subject:** sugarcane varieties

Don,

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Texas A&M University System                      <http://otc.tamu.edu>  
Office of Technology Commercialization                      979.845.0907

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**From:** Schuerman, Peter L. [mailto:PSchuerman@tamu.edu]  
**Sent:** Friday, February 06, 2009 4:32 PM  
**To:** Nordlund, Don  
**Cc:** Hale, Anna; Schuerman, Peter L.  
**Subject:** sugarcane varieties

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Texas A&M University System                      <http://otc.tamu.edu>  
Office of Technology Commercialization                      979.845.0907

---

**From:** Schuerman, Peter L.  
**Sent:** Monday, February 09, 2009 9:35 AM  
**To:** 'Hale, Anna'  
**Cc:** 'Bill Rooney'; Schuerman, Peter L.  
**Subject:** RE: sugarcane varieties

This would be for the requested material, [REDACTED] and [REDACTED]

---

**From:** Hale, Anna [mailto:Anna.Hale@ARS.USDA.GOV]  
**Sent:** Monday, February 09, 2009 8:53 AM  
**To:** Schuerman, Peter L.  
**Cc:** Bill Rooney  
**Subject:** RE: sugarcane varieties

Peter-

When you say "the material", are you talking about the original F1 crosses, or does this refer to the backcrossed material as well?

Anna

---

**From:** Schuerman, Peter L. [mailto:PSchuerman@tamu.edu]  
**Sent:** Friday, February 06, 2009 3:32 PM  
**To:** Nordlund, Don  
**Cc:** Hale, Anna; Schuerman, Peter L.  
**Subject:** sugarcane varieties

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**From:** Schuerman, Peter L.  
**Sent:** Monday, February 09, 2009 9:35 AM  
**To:** 'Hale, Anna'  
**Cc:** Bill Rooney; Schuerman, Peter L.  
**Subject:** RE: sugarcane varieties

This would be for the requested material, [REDACTED] and [REDACTED]

---

**From:** Hale, Anna [mailto:Anna.Hale@ARS.USDA.GOV]  
**Sent:** Monday, February 09, 2009 8:53 AM  
**To:** Schuerman, Peter L.  
**Cc:** Bill Rooney  
**Subject:** RE: sugarcane varieties

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**Subject:** sugarcane varieties

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**From:** Hale, Anna [Anna.Hale@ARS.USDA.GOV]  
**Sent:** Monday, February 09, 2009 8:53 AM  
**To:** Schuerman, Peter L.  
**Cc:** Bill Rooney  
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Office of Technology Commercialization                      979.845.0907

---

**From:** McCutchen, Bill  
**Sent:** Sunday, February 08, 2009 7:44 AM  
**To:** Avant, Bob; Nelson, Michelle  
**Cc:** 'wlr@tamu.edu'; 'stelly@tamu.edu'; 'JADaSilva@ag.tamu.edu'; 'ghodnett@ag.tamu.edu'; Baltensperger, David; 'jmgould@ag.tamu.edu'; Lacewell, Ron; 'dustinbryant@meyersandassociates.com'; Simpson, Shay; 'ahelms@tamu.edu'; Schuerman, Peter L.; Howell, Bill; Slovacek, Jackie  
**Subject:** Re: FYI, biomass grants due Mar 6, pls circulate

Absolutely agree. We have significant potential.

Also and reason for cc list...

We're doing our homework in D.C. as well as with corporate partners. Most importantly we have now established ourselves on the national scene with our feedstock RD endeavors. The potential upcoming meeting with Ceres and Chevron on sorghum - breeding, genomics, agronomics - could be very important to continue alignment.

Very important for this group (and others in bioenergy across AgriLife) to develop teams and priorities in response to DOE opportunities.

Thanks and looking forward to a meeting.

Bill

---

**From:** Avant, Bob  
**To:** Nelson, Michelle  
**Cc:** Rooney Bill ; Stelly David ; Jorge da Silva A ; Hodnett George ; McCutchen, Bill  
**Sent:** Sat Feb 07 17:49:34 2009  
**Subject:** RE: FYI, biomass grants due Mar 6, pls circulate  
Michelle,

Could you coordinate please.

Bob Avant  
Program Director  
Texas AgriLife Research  
979/845-2908  
512/422-6171 (Cell)  
[bavant@tamu.edu](mailto:bavant@tamu.edu)  
<http://agbioenergy.tamu.edu>

---

**From:** Stelly David [mailto:stelly@tamu.edu]  
**Sent:** Saturday, February 07, 2009 1:49 PM  
**To:** Avant, Bob  
**Cc:** Stelly David; Rooney Bill; Jorge da Silva A; Hodnett George; McCutchen, Bill; Nelson, Michelle  
**Subject:** Re: FYI, biomass grants due Mar 6, pls circulate

Sounds like a plan, but timing will be tricky. Monday and Friday (except lunch hour) might be best? (I am available those days)

Bill Rooney is very busy this month -- let's find out when he will be available to talk on phone or in person.

He said earlier that he would be in town " Friday 13, 20, and 27. "

I am not sure when he will be in a position to partake in a conf call.

SCSC has dept review first part of week and I am off Tuesday evening to UC-Davis to lecture at the Plant Breeding Academy.... get back Thursday night.

Bill -- can you let us (Michelle) know your schedule for conf call or meeting?

David

On Feb 7, 2009, at 11:38 AM, Avant, Bob wrote:

I agree. I think this might be a good opportunity to leverage corporate funds as match linked with USDA/DOE funds. Several AgriLife groups are considering proposals. Would you like for Michelle to set up a conference call to discuss further next week?

Bob Avant  
Program Director  
Texas AgriLife Research  
979/845-2908  
512/422-6171 (Cell)  
[bavant@tamu.edu](mailto:bavant@tamu.edu)  
<http://agbioenergy.tamu.edu>

---

**From:** Stelly David [<mailto:stelly@tamu.edu>]  
**Sent:** Thursday, February 05, 2009 10:03 AM  
**To:** Rooney Bill; Jorge da Silva A; Hodnett George; McCutchen, Bill; Avant, Bob; Hodnett George  
**Cc:** Stelly David David M.  
**Subject:** Fwd: FYI, biomass grants due Mar 6, pls circulate

Guys:

BIOMASS RESEARCH AND DEVELOPMENT INITIATIVE  
Pre-Application Due Date: 3/6/2009, 5:00 PM Eastern Time

I would think that would be a potential target for external funding of the wide-cross work, especially if not to be immediately commercialized and that might not even preclude some aspects. Comments?

DS

Begin forwarded message:

**From:** "Thro, Ann Marie" <[ATHRO@CSREES.USDA.GOV](mailto:ATHRO@CSREES.USDA.GOV)>  
**Date:** February 5, 2009 9:34:33 AM CST

To: "Philipp W. Simon" <[psimon@wisc.edu](mailto:psimon@wisc.edu)>, "Brian Scully" <[scully@ifas.ufl.edu](mailto:scully@ifas.ufl.edu)>, <[brummer@uga.edu](mailto:brummer@uga.edu)>, "Dave Stelly" <[stelly@tamu.edu](mailto:stelly@tamu.edu)>, "FREY, TRAVIS JAMES [AG/1886]" >, "Jodi Scheffler" <[jodi.scheffler@ars.usda.gov](mailto:jodi.scheffler@ars.usda.gov)>, "Joshua Udall" <[jaudall@byu.edu](mailto:jaudall@byu.edu)>, "Karen Moldenhauer" <[kmolden@uark.edu](mailto:kmolden@uark.edu)>, <[lpollak@iastate.edu](mailto:lpollak@iastate.edu)>, <[marcelo.carena@ndsu.edu](mailto:marcelo.carena@ndsu.edu)>, "Mitch Tuinstra" <[drmitch@purdue.edu](mailto:drmitch@purdue.edu)>, "Rob Bertram" <[rbertram@usaid.gov](mailto:rbertram@usaid.gov)>, "Seth Murray" >, "Shelley Jansky" <[shjansky@wisc.edu](mailto:shjansky@wisc.edu)>, "Silvia Ciano" <[sciano@iastate.edu](mailto:sciano@iastate.edu)>, "Star (Yanxin) Gao" <[star@vt.edu](mailto:star@vt.edu)>, "Sterling Blanche" <[sblanche@agcenter.lsu.edu](mailto:sblanche@agcenter.lsu.edu)>, "Surinder Gulia" <[gulias@fvsu.edu](mailto:gulias@fvsu.edu)>, "Tom Blake" <[blake@montana.edu](mailto:blake@montana.edu)>, "Tom Stalker" <[tom\\_stalker@ncsu.edu](mailto:tom_stalker@ncsu.edu)>, >, <[Steve\\_McKeand@ncsu.edu](mailto:Steve_McKeand@ncsu.edu)>, "Abdullah Jaradat" <[abdullah.jaradat@ars.usda.gov](mailto:abdullah.jaradat@ars.usda.gov)>, "Caron Gala" >, "Craig Yencho" <[craig\\_yencho@ncsu.edu](mailto:craig_yencho@ncsu.edu)>, "David Kendra" <[David.Kendra@ars.usda.gov](mailto:David.Kendra@ars.usda.gov)>, "Herb Ohm" <[hohm@purdue.edu](mailto:hohm@purdue.edu)>, "Karl Glasener" >, "Kay Simmons" <[Kay.Simmons@ARS.USDA.GGOV](mailto:Kay.Simmons@ARS.USDA.GGOV)>, "Keith Woeste" <[woeste@purdue.edu](mailto:woeste@purdue.edu)>, >, "Mark Hussey" <[mhussey@tamu.edu](mailto:mhussey@tamu.edu)>, "Michael Havey" <[mjhavey@wisc.edu](mailto:mjhavey@wisc.edu)>, "P. Baenziger" <[pbaenziger1@unl.edu](mailto:pbaenziger1@unl.edu)>, "P. Baenziger" >, "Randy Johnson" <[randyjohanson@fs.fed.us](mailto:randyjohanson@fs.fed.us)>, "Rich Pratt" <[pratt.3@osu.edu](mailto:pratt.3@osu.edu)>, "Rita Mumm" <[ritamumm@uiuc.edu](mailto:ritamumm@uiuc.edu)>, "Ronnie Coffman" <[wrc2@cornell.edu](mailto:wrc2@cornell.edu)>, "Todd Wehner" <[todd\\_wehner@ncsu.edu](mailto:todd_wehner@ncsu.edu)>, <[wfracy@wisc.edu](mailto:wfracy@wisc.edu)>, "P. Stephen Baenziger"

**Subject: FYI, biomass grants due Mar 6, pls circulate**

Greetings, leadership team:

kindly circulate this grants program announcement to the members of your subcommittee and other interested persons. Better if folks receive it twice than to miss the opportunity. Thank you!

<http://www.csrees.usda.gov/fo/biomassresearchanddevelopmentinitiative.cfm>

or

<http://www.csrees.usda.gov> -- search under "grants"

## BIOMASS RESEARCH AND DEVELOPMENT INITIATIVE

Pre-Application Due Date: 3/6/2009, 5:00 PM Eastern Time

Eligible entities include: (A) an institution of higher education; (B) a National Laboratory; (C) a Federal research agency; (D) a State research agency; (E) a private sector entity; (F) a nonprofit organization; or (G) a consortium of 2 or more entities described in subparagraphs (A) through (F)

### Technical areas:

1. Feedstocks Development through the development of crops and cropping systems relevant to production of raw materials for conversion to biobased fuels and biobased products, including:

- Development of advanced and dedicated crops with desired features, including enhanced productivity, broader site range, low requirements for chemical inputs, and enhanced processing;
- Advanced crop production methods to achieve the features described in paragraph 1 above;
- Feedstock harvest, handling, transport, and storage; and
- Strategies for integrating feedstock production into existing managed land.

◇ READ THE FULL ANNOUNCEMENT CAREFULLY BEFORE APPLYING

Ann Marie Thro

National Program Leader, Plant Breeding and Genetics

Cooperative State Research Education and Extension Service (CSREES), USDA

800 9th St. SW, Waterfront Center, Rm. 3462

Washington DC 20024 USA

tel. 1 202 401 6702 fax 1 202 401 4888

[athro@csrees.usda.gov](mailto:athro@csrees.usda.gov)

---

**From:** Simpson, Shay  
**Sent:** Thursday, February 05, 2009 10:13 AM  
**To:** McCutchen, Bill; Slovacek, Jackie  
**Cc:** Avant, Bob; Schuerman, Peter L.  
**Subject:** RE: April 20 - 24

Ceres is aware that we would like to combine their trip. Chevron does not know the dates yet as I want to make sure Ceres can make it. But, Chevron is aware we are trying to find dates for discussion.

Shay L. Simpson  
Project Manager, Corporate Relations  
Texas AgriLife Research  
979-845-6315 Tel  
[shay-simpson@tamu.edu](mailto:shay-simpson@tamu.edu)

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**Sent:** Thursday, February 05, 2009 9:43 AM  
**To:** Simpson, Shay; Slovacek, Jackie  
**Cc:** Avant, Bob; Schuerman, Peter L.  
**Subject:** RE: April 20 - 24

And they are aware of this – as well as Chevron?

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Texas AgriLife Research  
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**From:** Simpson, Shay  
**Sent:** Wednesday, February 04, 2009 3:04 PM  
**To:** Mullet, John E.; Adam Helms (ahelms@tamu.edu); Avant, Bob; McCutchen, Bill; David Baltensperger (dbaltensperger@tamu.edu); Slovacek, Jackie; Jürg Blumenthal (jblumenthal@ag.tamu.edu); Patricia Klein; Schuerman, Peter L.; wlr@tamu.edu  
**Cc:** Bonnie Hames; Edgar Haro (eharo@ceres-inc.com); Judy Young (j-young@tamu.edu); Penn, Nancye B; Peter Mascia; Spencer Swayze (sswayze@ceres-inc.com); Walter Nelson; Nelson, Michelle; Bridges, Brenda  
**Subject:** CHANGE Ceres - A&M "Quarterly" Meeting

The "Quarterly" meeting between Ceres and AgriLife Research scheduled for March 9, 2009, has been canceled and we are looking at rescheduling it for late April in College Station.

There is agreement with Ceres that THREE, longer meetings (2-day meeting) per year will allow better timing and discussion as opposed to quarterly meetings lasting one day each. It is suggested that a late April and a late August/early September meeting be held in College Station and a December meeting be held in Thousand Oaks.

In light of this change, please let me know your availability for a late April meeting with Ceres.

April 20 – 24  
April 27 – May 1

Thanks,  
Shay

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