

From: [Helms, Adam](#)
To: [Giroir, Brett](#); [McCutchen, Bill](#)
Cc: [Avant, Bob](#); [Zak, Kendra](#); [Slovacek, Jackie](#); [Pollard, Claudia](#); [Bill L Rooney](#); [Simpson, Shay](#); [Spurlin, Shayna](#); [Nelson, Michelle](#)
Subject: RE: DARPA update
Date: Monday, October 05, 2009 10:20:19 PM

Dr. Giroir,

Please find attached two documents: 1) Milestones and Deliverables 2) revised narrative with inputs from Dr. Steve Searcy on logistics - Objective 1.3. Budgets totals are not yet associated with the Milestones and Deliverables because we have not received all of tasks/objectives or budgets. We are still working on the Gantt chart and the goal is to complete it tomorrow.

There are some minor formatting issues that need to immediately be rectified - the narrative uses "objectives" and we received milestones and deliverables as "tasks". If there is a preferred terminology from DARPA, please let us know.

Thanks,

Adam

Adam Helms
AgriLife Research Corporate Relations
979-255-0752 (mobile)
979-458-2677 (office)

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

From: Giroir, Brett [<mailto:Brett.Giroir@tamu.edu>]
Sent: Monday, October 05, 2009 5:39 PM
To: McCutchen, Bill
Cc: Avant, Bob; ahelms@tamu.edu; Zak, Kendra; Slovacek, Jackie
Subject: Re: DARPA update

No worries

Sent using BlackBerry

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

From: McCutchen, Bill
To: Giroir, Brett
Cc: Avant, Bob; 'ahelms@tamu.edu' <ahelms@tamu.edu>; Zak, Kendra; Slovacek, Jackie
Sent: Mon Oct 05 17:35:52 2009
Subject: DARPA update

Brett,

We apologize for the delay, but we got "dumped on" by the PIs over the weekend. Adam is working to assimilate the morass and hopes to get you a DRAFT copy early in the morning (or perhaps late tonight).

In any event the PI's will be ready to review tomorrow starting at 12:30.

Kendra, are we having lunch delivered?

Bill

From: [Stelly David](#)
To: [John Mullet](#)
Cc: [Stelly David](#); [Bill Rooney](#); [Adam Helms](#); [Bob Avant](#); [Steve Searcy](#); [Bill McCutchen](#)
Subject: Re: Draft DARPA STO slides
Date: Monday, October 12, 2009 2:29:43 PM

I took a little bit different approach to some slides ... you might compare them to what you had for text and choose according to your best judgment. I put in revised png figure. Note dup slide on Milestones for 3.

DS

On Oct 12, 2009, at 11:42 AM, John Mullet wrote:

> All,
>
> I have drafted a template for us to use to create the DARPA STO
> slides. Recall that these will be used by Doug Kirkpatrick when he
> presents this project to the STO committee. Clearly we will need
> Dr. Giroir's input once we have a good draft ready.
>
> Please look over this draft.
> - modify slides pertaining to your Goal and send modifications to
> Adam so he can create an updated version for review
> - add in 1-3 key milestones/time point for each Goal (currently
> blank spaces).
> - I will work on Goal 2 milestones
>
> David, I did not have a final version of the WH slide (slide 12 in
> the attached I think). I would suggest changing letter colors where
> they are difficult to see (orange on orange for example).
>
> Thanks,
>
> John
>
>
> <DARPA_STO_slides_081209.pptx>
>
>

From: [Stelly David](#)
To: [John Mullet](#)
Cc: [Stelly David David M.](#); [Rooney Bill](#); [Adam Helms](#); [Bob Avant](#); [Steve Searcy](#); [McCutchen Bill](#)
Subject: Re: Draft DARPA STO slides
Date: Monday, October 12, 2009 2:21:40 PM

I am attaching the ppt and a png screen image. Of course, you can make the colors you want in the ppt, but I sought out a higher contrast for you (I changed stigma/style colors, only)... but you might prefer some other colors.

DS

On Oct 12, 2009, at 11:42 AM, John Mullet wrote:

> All,
>
> I have drafted a template for us to use to create the DARPA STO
> slides. Recall that these will be used by Doug Kirkpatrick when he
> presents this project to the STO committee. Clearly we will need
> Dr. Giroir's input once we have a good draft ready.
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> Please look over this draft.
> - modify slides pertaining to your Goal and send modifications to
> Adam so he can create an updated version for review
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> blank spaces).
> - I will work on Goal 2 milestones
>
> David, I did not have a final version of the WH slide (slide 12 in
> the attached I think). I would suggest changing letter colors where
> they are difficult to see (orange on orange for example).
>
> Thanks,
>
> John
>
>
> <DARPA_STO_slides_081209.pptx>
>
>

From: [Rene Clara](#)
To: [Bill Rooney](#)
Subject: Re: [Fwd: Re: visita Rene Clara]
Date: Wednesday, October 21, 2009 12:21:58

Dr. Bill,

I think that we will need to use car to travel from Managua-Choluteca-El Salvador, just as last year. Then I am going to send a request to the new Director of the CENTA, which I am enclosing you for your approval.

Regards,

René Clará V.
INTSORMIL
Host Regional Coordinator

CENTA, Apdo. Postal 885,
San Salvador, El Salvador, C.A.
Tel. (503) 2302 0239 - (503) 7815 2238 cel.
Fax: (503) 2302 0239

E-mail: [REDACTED]

De: Bill Rooney <wlr@tam.u.edu>
Para: Rene Clara <[REDACTED]>
Enviado: sáb, octubre 17, 2009 6:05:38 AM
Asunto: RE: [Fwd: Re: visita Rene Clara]

Rene:

I think that is acceptable. I will make my plans on that schedule.

Regards,

Bill

From: Rene Clara [mailto:[REDACTED]]
Sent: Friday, October 16, 2009 10:10 AM
To: Bill Rooney; [REDACTED]
Cc: [REDACTED]; [REDACTED]
Subject: Re: [Fwd: Re: visita Rene Clara]

Dr. Bill,

We would come to Managua on Monday 30 evening. We would work on Tuesday and Wednesday in Nicaragua and would sleep in Choluteca (Wednesday) On Thursday we go to El Salvador and we would work on Friday at SA and SCP, sleeping in hotel it surrounds airport. Saturday (Dec. 5) you return to Texas.

Regards,

René Clará V.

INTSORMIL

Host Regional Coordinator

CENTA, Apdo. Postal 885,
San Salvador, El Salvador, C.A.
Tel. (503) 2302 0239 - (503) 7815 2238 cel.
Fax: (503) 2302 0239

E-mail: [REDACTED]

De: Bill Rooney <wlr@tamu.edu>

Para: Rene Clara [REDACTED]

CC: [REDACTED]; [REDACTED]

Enviado: vie, octubre 16, 2009 8:05:47 AM

Asunto: RE: [Fwd: Re: visita Rene Clara]

Rene and Rafael

23-27 Nov – NO

30- 4 Dec – YES

We start in Nicaragua and go to Salvador?

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: Rene Clara [mailto:[REDACTED]]

Sent: Thursday, October 15, 2009 4:09 PM

To: [REDACTED]

Cc: [REDACTED]; [REDACTED]; Bill Rooney

Subject: Re: [Fwd: Re: visita Rene Clara]

Payo,

Pienso que la semana del 23 al 27 de Noviembre o la semana del 30 de Noviembre al 4 de Diciembre/ sería buena mi visita junto co9n el Dr. Bill Rooney. Podríamos estar en Nicaragua unos 2 días y otros 2 días en El Salvador, mas un día de viaje.

Esperemos a ver que dice el Dr. Bill.

What do you think Dr. Bill?

Saludos,

René Clará V.

INTSORMIL

Host Regional Coordinator

CENTA, Apdo. Postal 885,

San Salvador, El Salvador, C.A.

Tel. (503) 2302 0239 - (503) 7815 2238 cel.

Fax: (503) 2302 0239

E-mail: [REDACTED]

De: "[REDACTED]" <[REDACTED]>

Para: Rene Clara <[REDACTED]>

CC: [REDACTED]; [REDACTED]; [REDACTED]

Enviado: jue, octubre 15, 2009 12:36:03 PM

Asunto: Re: [Fwd: Re: visita Rene Clara]

> Rene:

No se si con estas fechas de siembra vos podes estimar la fecha de tu próxima visita. Te adelanto que en Estelí nos va a atender el Ing. Julio Molina ya que el Ing. Rodolfo Valdivia trabaja para INTA hasta hoy 15 de octubre.

Payo

>

> Gracias por la información, esta interesante saber de los resultados. En
> mi visita tenemos que ver esto.

>

> Saludos,

>

> René Clará V.

> INTSORMIL

> Host Regional Coordinator

> CENTA, Apdo. Postal 885,

>
>
>> ----- Mensaje original
> -----Mis estimados amigos:
>
> Les recuerdo que deben poner en su programacion semanal el viaje a Managua
> al CNIAB el día jueves 21 para presentar los resultados del proyecto
> INTSORMIL en 2008 y la propuesta de actividades para 2009. Nos vemos ese
> día en CNIAB. Iniciamos a las 8:30 am
>
> Rafael Obando
>
>
>
>> Amigos:
>>
>> Adjunto les envio la agenda a desarrollar durante la visita del Ing.
>> Rene
>> Clara que sera del 19 al 22 de mayo. La agenda por día es la siguiente:
>>
>> Martes 19: Viaje de San Salvador a Managua
>> Miercoles 20: Viaje a Posoltega a ver lote de produccion de semilla del
>> hibrido de grano blanco ESHG-3 en la finca de Federico Baltodano.
>> Jueves 21: Reunion con todos los investigadores que llevan proyectos
>> INTSORMIL para revisar informe 2008 y el plan de actividades para 2009
>> Viernes 22: Viaje de Managua a San Salvador.
>>
>> El día jueves 21 la reunion sera en CNIAB iniciando a las 8 am. Cada
>> responsable de proyecto debe hacer una presentacion de los resultados de
>> 2008 para analizarlos y recibir recomendaciones de elaboracion de
>> informes
>> para INTSORMIL. Ademas se haran recomendaciones a las propuestas de
>> actividades a desarrollar en 2009. Pueden iniciar las gestiones de
>> logistica para el viaje a managua afectando el proyecto INTSORMIL.
>>
>>
>>
>> Asunto: Re: Presentación propuestas y evaluación externa.
>> De: [REDACTED]
>> Fecha: Mar, 5 de Mayo de 2009, 9:13 am
>> Para: [REDACTED]
>> -----
>>
>>> Rene:
>>
>> Muchas gracias por tu comprension. Al mismo tiempo que te envíe el plan
>> lo
>> voy a enviar a los funcionarios de INTA para que ellos lo aprueben. Tal
>> vez seria bueno que hicieramos el plan de trabajo para enviarlo a las
>> regiones para que los investigadores regionales lo incorporen en su
>> programacion de actividades y obtengan el permiso y los medios para
>> viajar
>> a Managua a la reunion. Propongo la siguiente agenda:
>>
>> Martes 19: Viaje de San Salvador a Managua
>> Miercoles 20: Viaje a Posoltega a ver lote de produccion de semilla del
>> hibrido de grano blanco ESHG-3.

>> Jueves 21: Reunion con todos los investigadores que llevan proyectos
>> INTSORMIL para revisar informe 2008 y el plan de actividades para 2009
>> Viernes 22: Viaje de Managua a San Salvador.

>>

>> Rafael Obando

>>

>>

>>

>> Payo,

>>>

>>> Te esperamos esta semana, pero envíame propuestas ya discutidas y
>>> revisadas en INTA.

>>>

>>> Yo siempre te he dicho que utilices fondos del INTSORMIL para
>>> comunicarte

>>> en un Cyber. Creo que INTA no te puede restringir esta opción. De esta
>>> manera podemos avanzar.

>>>

>>> Sigo con el plan de llegar el 19 de los corrientes para trabajar 20, 21

>>> y

>>> regresar el viernes 22. Mi prioridad es discutir el nuevo plan de

>>> trabajo

>>> 2009-2010 y ver la producción de semilla del híbrido ESHG-3 donde

>>> Federico

>>> Valtodano, caso que haya sembrado. Si quieres agregar algo mas a este
>>> programa lo puedes hacer.

>>>

>>> Saludos,

>>>

>>>

>>> René Clará V.

>>> Coordinador Regional Local

>>> INTSORMIL

>>> CENTA, Aptdo. Postal 885,

>>> San Salvador, El Salvador, C.A.

>>> Tel. (503) 2302 0239 - (503) 7815 2238 cel.

>>> E-mail: [REDACTED]

>>

>>

>

>

>

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INTSORMIL

Sorghum, Millet and Other Grains CRSP



San Andrés, 21 de Octubre del 2009.

Doctor
René Antonio Rivera Magaña
Director Ejecutivo
CENTA.

Estimado Dr. Rivera:

Por medio de la presente me permito solicitar su autorización en utilizar el vehículo N-16720, asignado al proyecto CENTA/INTSORMIL, para realizar un viaje en compañía del Dr. Bill Rooney. Coordinador del INTSORMIL para América Central, al DICTA-Choluteca, Honduras e INTA-Managua, Nicaragua, los días del 30 de Noviembre/09 al 04 de Diciembre del 2009, en misión oficial, para supervisar las actividades del mejoramiento del cultivo de sorgo apoyadas por INTSORMIL en Nicaragua, Honduras y El Salvador, dentro del marco del convenio de asistencia que se brinda a estas Instituciones.

No omito manifestarle que este vehículo se encuentra bien revisado mecánicamente, lo tenemos asegurado en el área Centroamericana y que el INTSORMIL responderá al CENTA por cualquier daño que pueda ocurrir.

Mucho agradeceremos su colaboración al respecto.

Atentamente,

René Clará Valencia
Coordinador Regional
INTSORMIL

Cc: - Dr. John M. Yohe
Director INTSORMIL,
Nebraska, U.S.A.
- Dr. Bill Rooney
Coordinador para América Central
Texas, U.S.A.

From: [James Richardson](#)
To: [Helms, Adam](#)
Cc: [wlr@tam.u.edu](#); [stelly@tam.u.edu](#); [Mullet, John E.](#); [ssearcy@tam.u.edu](#); [jmgould@ag.tam.u.edu](#); [pklein@tam.u.edu](#); [Simpson, Shay](#); [Spurlin, Shayna](#); [Nelson, Michelle](#); [Bridges, Brenda](#); [Giroir, Brett](#); [Avant, Bob](#); [McCutchen, Bill](#)
Subject: Re: Highest Priority: DARPA Energy Crops
Date: Thursday, October 01, 2009 2:41:21 PM

Attached are the products you requested.
James

Helms, Adam wrote:

Attached is the sample budget justification. Please use this format – it will assist us in the final assembly of this proposal.

Best,

Adam

Adam Helms
AgriLife Research Corporate Relations
979-255-0752 (mobile)
979-458-2677 (office)

From: Helms, Adam
Sent: Monday, September 28, 2009 2:58 PM
To: [wlr@tam.u.edu](#); [stelly@tam.u.edu](#); [Mullet, John E.](#); [ssearcy@tam.u.edu](#); [jwrichardson@tam.u.edu](#); [jmgould@ag.tam.u.edu](#); [pklein@tam.u.edu](#)
Cc: [Simpson, Shay](#); [Spurlin, Shayna](#); [Nelson, Michelle](#); [Bridges, Brenda](#); [Giroir, Brett](#); [Avant, Bob](#); [McCutchen, Bill](#)
Subject: Highest Priority: DARPA Energy Crops
Importance: High

Good Afternoon:

Please find attached the proposal for the DARPA Energy Crops proposal. I have updated each objective to include assigned PI's. There are several things we need to accomplish to submit this proposal to DARPA by October 9th.

<!--[if !supportLists]-->1. <!--[endif]-->Please submit your budgets by close of business October 1 to myself and Shayna Spurlin. Shayna prepared the budget template (attached) with instructions for entering information – if you have any questions, please refer them to her ([sfspurlin@tam.u.edu](#)). If you have any capital equipment or lab supplies, we will need a detailed list of items to be purchased as well as a quote for the expenses. We will send an example budget justification out ASAP.

<!--[if !supportLists]-->2. <!--[endif]-->Timelines for Gantt Chart development – The example we were given for the latest DARPA proposal from Engineering showed a Gantt Chart developed on the weekly level. I do not know if we can honestly justify developing a Gantt Chart to that level of detail and defend it (specifically due to unknown weather concerns, start time, etc). We are aiming for a quarterly Gantt Chart timeline to begin this

project, and if need be, refine the chart to DARPA's specific needs (Dr. Giroir – do you know reporting format is preferred?).

<!--[if !supportLists]-->a. <!--[endif]-->For each Objective you are assigned, please submit a numbered Milestones and Metrics/Deliverables/Total Cost breakdown (example attached)

<!--[if !supportLists]-->3. <!--[endif]-->PowerPoint – John Mullet will send me a PPT which I will distribute to the group. This PPT will be presented to the DARPA team and can be thought of as the “defense” for this project. Please add no more than a slide or two summarizing your assigned task with budget in the spirit and theme of the original PPT.

<!--[if !supportLists]-->4. <!--[endif]-->Drs. Gould, Rooney & Searcy – please forward this note on to Dr. El-Hout, Dr. Blumenthal, Dr. Peterson and Dr. Thomasson once you have updated them to the situation.

If you have any questions, please contact me at your earliest convenience.

Best,

Adam

Adam Helms
AgriLife Research Corporate Relations
979-255-0752 (mobile)
979-458-2677 (office)

From: Avant, Bob [<mailto:bavant@tamu.edu>]
Sent: Sunday, September 27, 2009 12:54 PM
To: McCutchen, Bill; wlr@tamu.edu; stelly@tamu.edu; Mullet, John E.; ssearcy@tamu.edu; jwrichardson@tamu.edu; jmgould@ag.tamu.edu; pklein@tamu.edu
Cc: Simpson, Shay; ahelms@tamu.edu; Spurlin, Shayna; Nelson, Michelle; Bridges, Brenda; Gilliland, Diane M.; Giroir, Brett; Slovacek, Jackie
Subject: RE: Highest Priority: DARPA

Bill (and Brett can correct me), we do not need to add much more to the scope of work, but we do need to provide the detailed forms that include budget outlays, budget justification, Gantt chart, etc. This takes a lot of work and we must have direct input from all involved PI's (which is the critical path). In the morning, Shayna will be in contact with the PI's to develop this information unless you or Brett advise me otherwise.

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

From: McCutchen, Bill
Sent: Sunday, September 27, 2009 12:45 PM
To: 'wlr@tamu.edu'; 'stelly@tamu.edu'; Mullet, John E.; 'ssearcy@tamu.edu'; 'jwrichardson@tamu.edu'; 'jmgould@ag.tamu.edu'; 'pklein@tamu.edu'
Cc: Avant, Bob; Simpson, Shay; ahelms@tamu.edu; Spurlin, Shayna; Nelson, Michelle;

Bridges, Brenda; Gilliland, Diane M.; Giroir, Brett; Slovacek, Jackie
Subject: Highest Priority: DARPA

All,

Please read Brett's email below.

Timing is of critical importance for completing the DARPA package, but we do not have to be as stringent as the example the Bob has (or will) provided.

We need to shoot for having a final package ready for submission by October 9th. Therefore we need to get started immediately, and I believe we have most of the RD components outlined. There maybe a little flex in the budget (+/- 5percent) starting in year 2 but especially year 3-5. We also need to ask Ceres for their input for Hawaii, TX and any other RD/plots that they may oversee.

I have asked Bob and his group to make this project their top priority, and I would suggest we meet as team or small groups periodically to facilitate. Now I am asking all of you to make this your top priority. We have a great opportunity to advance our bioenergy programs to the next level.

Thanks and please call with any questions.

Bill

From: Giroir, Brett
To: McCutchen, Bill
Cc: Pollard, Claudia
Sent: Sun Sep 27 08:28:24 2009
Subject: RE: DARPA UPDATE

I don't think you need that detailed of a statement of work as we did for DTRA. But it gives you some idea. I would not sit too long on this.

I will be happy to meet multiple times in the next 2 weeks to get this done

Brett P. Giroir, MD
Vice Chancellor for Research,
The Texas A&M University System;
Research Professor, Dwight Look College of Engineering;
Adjunct Professor, The Bush School of Government and Public Service;
200 Technology Way, Suite 2043
College Station, Texas 77845-3424
Phone: 979-458-6054
Fax: 979-458-6044

From: McCutchen, Bill
Sent: Friday, September 25, 2009 5:33 PM
To: Schuerman, Peter L.; Ellison, Mark M.; Howell, Bill; Diedrich, Guy
Cc: Giroir, Brett; Avant, Bob
Subject: Fw: DARPA UPDATE

We are starting to round 3rd base with DARPA per dedicated energy crop

proposal.

Bill

From: McCutchen, Bill
To: Rooney Bill <wlr@tamu.edu>; John Mullet (jmullet@tamu.edu)
<jmullet@tamu.edu>; stelly@tamu.edu <stelly@tamu.edu>; James Richardson
(jwrichardson@tamu.edu) <jwrichardson@tamu.edu>; 'Gould Mike'
<jmgould@tamu.edu>; Steve Searcy (ssearcy@tamu.edu) <ssearcy@tamu.edu>;
(pklein@tamu.edu) <pklein@tamu.edu>
Cc: Avant, Bob; Dugas, William; Hussey, Mark; Giroir, Brett; Lunt, David;
Baltensperger, David; Reinhart, Gregory; Riskowski, Gerald; Nichols, John P;
Davis, Tim; Simpson, Shay; Gilliland, Diane M.; Adam Helms
<ahelms@tamu.edu>; Spurlin, Shayna; Nelson, Michelle; Bridges, Brenda
Sent: Fri Sep 25 13:51:48 2009
Subject: DARPA UPDATE

All,

I just wanted to provide an update on progress with DARPA
per Dedicated Bioenergy Crops proposal.

DARPA is now asking for a detailed technical brief (detailed
task, work plan, schedule, and budget) inclusive of the
recent proposal that we submitted. We will be receiving an
example for you to work from in the near future. We will
ask all of you to coordinate with Bob Avant's Corporate
Relations and Diane Gilliland's Contracts and Grants groups
to make this happen as soon as feasible.

Thanks again for all of your hard work and dedication, and
no doubt that this request from DARPA is very positive news
- no guarantees yet, but good news.

Thanks,

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

--

James W. Richardson
Regents Professor & TAES Senior Faculty Fellow
Co-Director Agricultural and Food Policy Center
Department of Agricultural Economics
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jwrichardson@tamu.edu
Web: www.afpc.tamu.edu

From: [Patricia Klein](#)
To: [Stelly David](#)
Cc: [Stelly David](#); [Bill Rooney](#)
Subject: Re:
Date: Thursday, October 01, 2009 10:45:33 AM

David and Bill

I have taken a first crack at the milestones and deliverables for Goal 3, objective 5. Please make comments/additions/corrections as you see fit. I included the development of a more rapid phenotypic screen as well as the development of additional population resources for iap mapping as part of the milestones and deliverables. Please look over that and make sure you are comfortable with that. I need to get this as well as the budget and budget justification turned in by the end of today.

Thanks
Trish

From: [Bill Payne](#)
To: [Lloyd Rooney](#)
Cc: [David Baltensperger](#); [Dirk Hays](#); [Edwin Price](#); [Gary C Peterson](#); wlr@tamu.edu
Subject: Re: INTSORMIL
Date: Wednesday, October 07, 2009 2:49:11 PM

Loyd,

Please find attached the agenda. I will forward the minutes when available. To me the biggest issue was the budget allocation from the \$3.9 million increase in USAID funds. As with other CRSPs, USAID has specified that much of the increase must be spent on technology transfer and impact assessment, largely with a view towards appeasing congressional critics. The budget is attached in the same pdf. Apparently it was agreed to at the July PI Advisory Committee mtg in Nebraska.

The other major issue, at least to me, was the exclusion of INTSORMIL from the Gates funding that will go to ICRISAT for sorghum research in Africa. I think you were aware of that already.

I was at the Borlaug activities and only saw you at a distance, but had to leave soon after the memorial service to meet with grad students and take care of McKnight business. Bert Rivers of CTI in Minnesota asked me to say hello--apparently you worked on millet threshers in Central America.

If you, Bill, or Dirk have any other questions about the meeting let me know. Gary Peterson was also in attendance and graciously made hosting arrangements in Lubbock.

Best wishes

Bill

>>> Lloyd Rooney 10/7/2009 1:49 PM >>>

What happened at the BD? I failed to meet you at the Borlaug activities. What do we need to know about review etc etc. ? lwr

1
Funding

INTSORMIL
Board of Directors Meeting
September 29-30, 2009

Texas AgriLife Research & Extension Center
Lubbock, TX

Participants: Bahiru Duguma (USAID), Jess Lowenberg-Deboer (Purdue), Bill Payne (Texas A&M), Fred Cholick (Kansas St.), Steve Slack (Ohio St.), Donald Topliff (West Texas A&M), David Jackson (Univ. of Nebraska), Gary Peterson (Texas A&M) and John Yohe, Short Heinrichs, Joan Frederick (ME)

Tuesday, September 29, 2009
8:30 a.m. - 5:00 p.m.

Call to Order and Introductions: Jess Lowenberg-Deboer, Board Chair (Purdue)

INTSORMIL Board of Directors

Election of Officers (September 30, 2009 – September 29, 2010)
Current Chair: Dr. James Lowenberg-Deboer
Current Vice Chair: Dr. Don Topliff
Approve August 26/27, 2008 BOD Minutes

Agenda Review and Additions

USAID Update: Bahiru Duguma

Office of Agriculture Status
Horticulture CRSP
Livestock & Climate Change CRSP
Water CRSP
INTSORMIL CRSP Year 4 Evaluation Process and Criteria
Funding Outlook

*Model approach beyond CRSP. Before was all specific CRSPs
Senior Staff including additions*
*Global Food Initiative
sup. Africa. Led from
Africa
Africa Associate Director
Mali was a precursor*

② **“Ad Hoc Advisory Group” and Meeting Report**
Discuss Technical/Advisory Committee versus a PI Committee
John Yohe and Gary Peterson

Status of Authorization Ceiling Increase: John Yohe

University and Host Country Memorandum of Agreements (MOU) Status: Joan Frederick

Global Work Plan/Evaluation Criteria for Year 4: John Yohe
Review of Work Plans and Budget Discussions: John Yohe and Joan Frederick

New Program Initiatives
Journalism
Technology Transfer
Impact Assessment

Annual Report Guidelines

Progress Reports: John Yohe

Regional Program Report: John Yohe

West Africa: Coordinators: Bruce Hamaker and Bonnie Pendleton
Horn of Africa: Coordinator: Gebisa Ejeta
Southern Africa: Coordinator: Gary Peterson (Peterson reporting)
Central America: Coordinator: William Rooney

CRSP Council

ICRISAT/INTSORMIL Collaboration (Gates Proposal)

Information Bulletins

Global Development Commons – Short Heinrichs

Partnerships Partnerships

Wednesday September 30, 2009

8:00 a.m. - 12:00 p.m.

Continuation of Progress Reports (if necessary)

Report on the USAID/Mali Associate Award, "Transfer of Sorghum, Millet Production, Processing and Marketing Technologies in Mali": Short Heinrichs

Quarterly Reports: Coordinator – Short Heinrichs (INTSORMIL)
Production - Marketing: Coordinator - John Sanders (Purdue)
Decrue Sorghum: Coordinators - Vara Prasad & Scott Staggenborg (Kansas St)
Processing Technology: Coordinator - Bruce Hamaker (Purdue)
Training: Coordinator - Jess Lowenberg DeBoer (Purdue)

New Business

Adjournment

millet Sorghum alt. hand ref.

document in advance in pdf

| DRAFT BUDGET ALLOCATIONS (8/19/2009) | | | | | |
|--------------------------------------|-----------------|-----------------------|---------------------------------|--------------|-----------------------|
| 2009_2011 Projects | | | | | |
| INTSORMIL PROGRAM | | | 2009-2010 | | |
| | | | | | |
| U.S. PROJECTS | LEAD P.I. | 2009-2010 DRAFT | REGIONAL Programs | LEAD P.I. | 2009-2010 DRAFT |
| ARS 101 | J. WILSON | 105,000 | West Africa Region | B. Hamaker | 275,000 |
| WTAM 101 | B. PENDLETON | 105,000 | | B. Pendleton | |
| OSU 101 | M. ERBAUGH | 105,000 | Southern Africa Region | G. Peterson | 150,000 |
| | D. LARSON | | Horn of Africa Region | G. Ejeta | 150,000 |
| KSU 101 | J. LESLIE | 105,000 | Central America Region | W. Rooney | 100,000 |
| KSU 102 | J. HANCOCK | 105,000 | | | |
| KSU 104 | V. PRASAD | 105,000 | Totals | | 675,000 |
| | S. STAGGENBORG | | | | |
| UNL 101 | C. WORTMANN | 105,000 | | | |
| UNL 102 | D. JACKSON | 105,000 | | | |
| PRF 101 | G. EJETA | 105,000 | Program Initiatives | | |
| PRF 102 | B. HAMAKER | 105,000 | Impact Assessment Studies | | |
| PRF 103 | J. SANDERS | 105,000 | West Africa and Central America | | 101,000 |
| PRF 104 | M. TUINSTR | 105,000 | East and Southern Africa | | 120,000 |
| PRF 105 | G. EJETA/STRIGA | 100,000 | Technology Transfer Project | | 155,000 |
| | | | Communication/Media Development | | 100,000 |
| TAM 101 | W. ROONEY | 105,000 | | | |
| TAM 102 | G. PETERSON | 105,000 | TOTAL | | 476,000 |
| TAM 103 | L. ROONEY | 105,000 | | | |
| Totals | | 1,675,000 | | | |
| | | | | | |
| | | | | | |
| Management Office | | 2009-2010 APPROVED | Management Projects | | 2009-2010 APPROVED |
| Personnel | 294,915 | | CRSP COUNCIL SYNTHESIS PROJECT | | 25,000 |
| Fringe | 95,933 | | CRSP COUNCIL MEETINGS | | 10,000 |
| Travel | 25,000 | | WORKSHOPS | | 43,395 |
| Equipment | | | TECHNICAL COMMITTEE | | 9,295 |
| Supplies | 16,653 | | BOARD OF DIRECTORS | | 10,210 |
| Contractual | | | | | |
| Construction | | | TOTAL | | 97,900 |
| other | 54,800 | | | | |
| sub total | 487,301 | | | | |
| IDC | 218,799 | | | | |
| TOTAL | 706,100 | | | | |
| Total Program | 3,630,000 | | | | |
| | | | | | |
| 2009-2010 PROGRAM BUDGET | | | | | |
| Funding : 2009-2010 | | \$ (3,630,000) | | | |
| | | | | | |

* 25%
* 10%
* 10%

From: [Stelly David](#)
To: [Stelly David](#)
Cc: [Bill Rooney](#)
Subject: Re: milestones, justification
Date: Tuesday, October 06, 2009 7:01:09 AM

here is the overall layout for budget etc

ds

From: [Stelly David](#)
To: [Adam Helms](#); [Shayna Spurlin](#); [Shay Simpson](#)
Cc: [Stelly David David M.](#); [Mullet John E](#); [Patricia Klein](#); [Gould Mike](#); [Nael El-Hout](#); [Juerg Blumenthal](#); [Avant Bob](#); [Rooney Bill](#)
Subject: Re: milestones, justification
Date: Monday, October 05, 2009 7:18:23 AM

Adam and Shayna,

Attached: Excel file containing
Budget,
Budget details,
Milestones and
Annualized schedule

I do not have the Budget justification done. I need to know if some IDC will be applicable to equipment needs -- these are needed; if not, I need to delete some work items. I will complete the budget justification this afternoon. I have guests all morning. You can try to reach me at lab, if urgent (tell that to whomever answers the phone).

David

On Oct 4, 2009, at 2:44 PM, Bill Rooney wrote:

Adam and Shayna:

I sent a budget last week; attached you'll find a justification, milestones and timelines. Deliverables are still in the original proposal provided to DARPA in September.

These can certainly be changed; so feel free to do so as needed. I will be out for vacation this week but I will check my e-mail regularly.

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

<Budget Justification - Rooney.doc><Milestones Timelines and

From: [Stelly David](#)
To: [David Baltensperger](#)
Cc: [Stelly David](#); [Amir M Ibrahim](#); [Dirk Hays](#); [Hongbin Zhang](#); [Seth C Murray](#); cwsmith@tamu.edu; sfinlayson@tamu.edu; [Bill L Rooney](#)
Subject: Re: New Sequencing Instrumentation--An opportunity
Date: Friday, October 30, 2009 10:07:55 AM

My take on it:

Illumina = Superb instrumentation ("gold standard" for genotyping)

Excels at moderate and large-scale genotyping (should have bought a couple of years ago... following advice below)

High degree of multiplexing requires batch-mode designs, laydown of big chunks, e.g. ~\$15 or \$50k per set up (96 or 384), and cannot be adjusted (inflexible) without reinvestment; also 3-4 weeks required per set up of each multiplex (Very good complement to the newly installed Kbiosciences, which is much more (fully) flexible (simplex) and superior at lower throughputs, but also more expensive per data point at higher throughputs. It runs PCR in about 1 hour, with capacities ranging from 1 96-well plate (~96 genotypes) to 16x384 (~6144 genotypes/hr); and if we were to buy the 1536-plate replicator, 16x1536, i.e., ~25,000/hr. Cost runs about 10-cents per genotype; you can pick and chose SNPs on an ad hoc basis.) Perhaps most important: Capacities of the Illumina platform will likely exceed demands of COALS and AgriLife, so COALS/AgriLife should only buy this as a partner (CVM, HSC, ...), and use savings toward director and personnel for handling and bioinformatics that have personalities, desires and abilities to work with diverse groups --- a bigger limitation on this campus, and much more difficult to purchase externally.

I think it is to be expected that this kind of technology and large-scale genotyping platform (e.g., Illumina) will lose ground quickly in 3-5 years as single-molecule sequencing comes on-line and drop sequencing costs so much that use of high-throughput sequencing of "bar-coded" genome samples and genome subfractions will replace much of the high-end genotyping. Examples of those are the Helicos and Pacific Biosciences platforms. The latter is looking to soon be sequencing human genome equivalents in 15 minutes for about \$100. supposedly. Mullet's "Digital Genotyping" is one of several such strategies reliant on this general approach, as is Floragenex, which we are presently using as part of our NSF project. If AgriLife and COALs want to get ahead, and lead, they need to save dollars on Illumina by sharing, and get a collective group together and get into the single-molecule sequencing game. THAT is where the vanguard will soon be operating.

David

PS: The Accuri Flow Cytometer w/ Autoloader demonstration yesterday was very impressive. I will send you a note next week, after I get some additional files (see attached for 1-2). Basically, we analyzed experimental material, a few ploidy levels of Gossypium, sorghum, sugarcane and various hybrids and chromosome-doubled materials. Many of these were done using SCSC 603-prepared samples. Results attest to the anticipated high degrees of applicability to SCSC research and teaching needs. This instrument cost \$65K and should be a high priority. (If DARPA funds our large proposal, I will buy it I asked to include it in the grant proposal, as it is

so critical to my projects, and will be very useful to others, too.) **CONFIDENTIAL
INFORMATION AND FILES -- PLEASE DO NOT DISTRIBUTE**

Capacities beyond what COALS/AgriLife will use; very significant investment
On Oct 30, 2009, at 8:50 AM, David Baltensperger wrote:

I need your thoughts/money on this proposal.

David Baltensperger
Professor and Head
Soil and Crop Sciences
Texas A&M University
2472 TAMU
College Station
Texas 77843-2474

979-845-3041

From: "Dugas, William" <w-dugas@tamu.edu>

Date: October 30, 2009 7:39:39 AM CDT

To: "Keeton, Jimmy" <jkeeton@tamu.edu>, "Acuff, Gary R."

<gacuff@tamu.edu>, "Baltensperger, David"

<dbaltensperger@ag.tamu.edu>, "Davis, Tim" <t-davis5@tamu.edu>,

<bchowdhary@cvm.tamu.edu>, "Reinhart, Gregory" <gdr@tamu.edu>,

"Gross, Dennis" <plpm-head@ag.tamu.edu>, "Kevin Heinz"

<kheinz@ag.tamu.edu>

Cc: "Marty Dickman" <mbdickman@tamu.edu>, "McCutchen, Bill"

<bmccutchen@tamu.edu>, "Lunt, David" <d-lunt@tamu.edu>, "Nessler,

Craig" <cnessler@tamu.edu>, "Jeff Seemann"

<jseemann@vprmail.tamu.edu>, "Hussey, Mark" <mhussey@tamu.edu>,

"Debra Cummings" <DACummings@ag.tamu.edu>

Subject: New Sequencing Instrumentation--An opportunity

Gentlemen,

Based upon input from several of you and your faculty, the Director's Office is contemplating the purchase an Illumina's BeadStation 500. This system is a complete, bench-top solution for genetic analysis that enables a wide range of sample throughput and multiple applications. Both RNA and DNA-based applications are easily accessible on the system.

I am offering each of your units a chance to partner w/ the Director's Office in the purchase of this technology platform. With the recent purchase of a second Illumina Genome Analyzer II (and upgrading of the first analyzer) and other instrumentation, we believe the purchase of the BeadStation will greatly facilitate the 'omics' capabilities and capacity for our faculty and units.

The proposal is simple: The Director's office will pay 50% of the cost and I am asking

each of you to contribute a fraction of the other 50% (ca. 10% each). Obviously, the more partners the lower the cost per partner. Total cost is ca. \$0.45M, so each of your shares would be ca. \$40K, if there were 5 of you. If we can't find the other ½ of the cost, the Director's office cannot afford to purchase this device at this time.

In return for your 'contribution', your faculty will get first access to the device and will pay a much reduced rate for use (we propose to charge usage fees to partially cover ongoing O&M costs, as we do now w/ the Illuminas). The BeadStation would be housed with our other high-thru put sequencers in the IPBG and would be managed by Dr. Dickman.

Please visit w/ Bill McCutchen if you have any technical questions and please let me know by 16 Nov. if you are interested in participating.

We are excited about the prospects of this addition to our capabilities to support research of the agency and University.

Here is more from Bill Mc. about the BeadStation 500:

- High-Performance - Powerful assay technology combined with leading-edge scanner technology delivers high-quality data and reliable results
- Scalable - Multiple applications, multi-sample array formats and automation/LIMS options make it easy to meet changing needs
- Easy-to-Use - Manual or automated protocols integrate easily into laboratory workflow
- Sensitive - BeadArray™ technology enables lower sample inputs and reagent requirements . ideal for clinical sample types/applications
- The BeadArray Reader, scans 3 micron features assembled into the highest-density arrays available for genetic analysis.

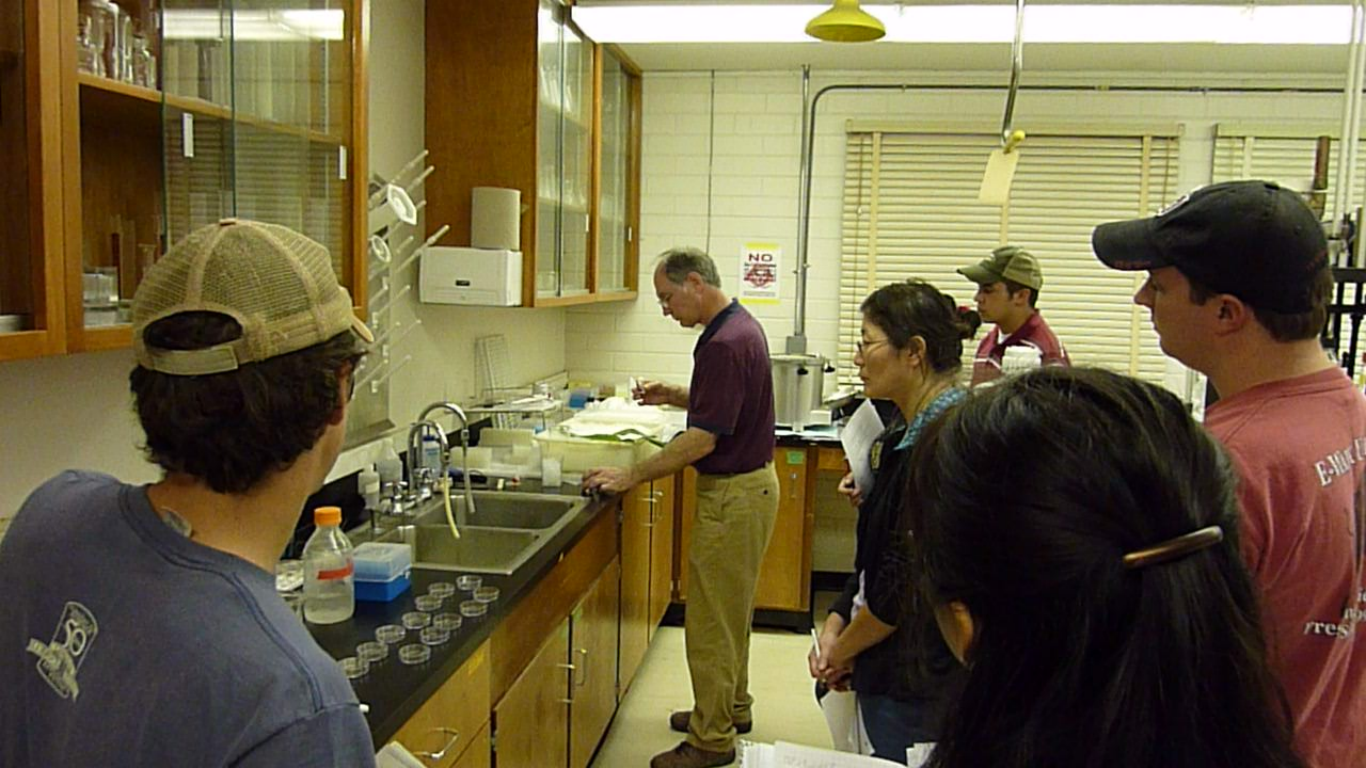
Illumina Assay Technology Supported on the BeadStation 500:

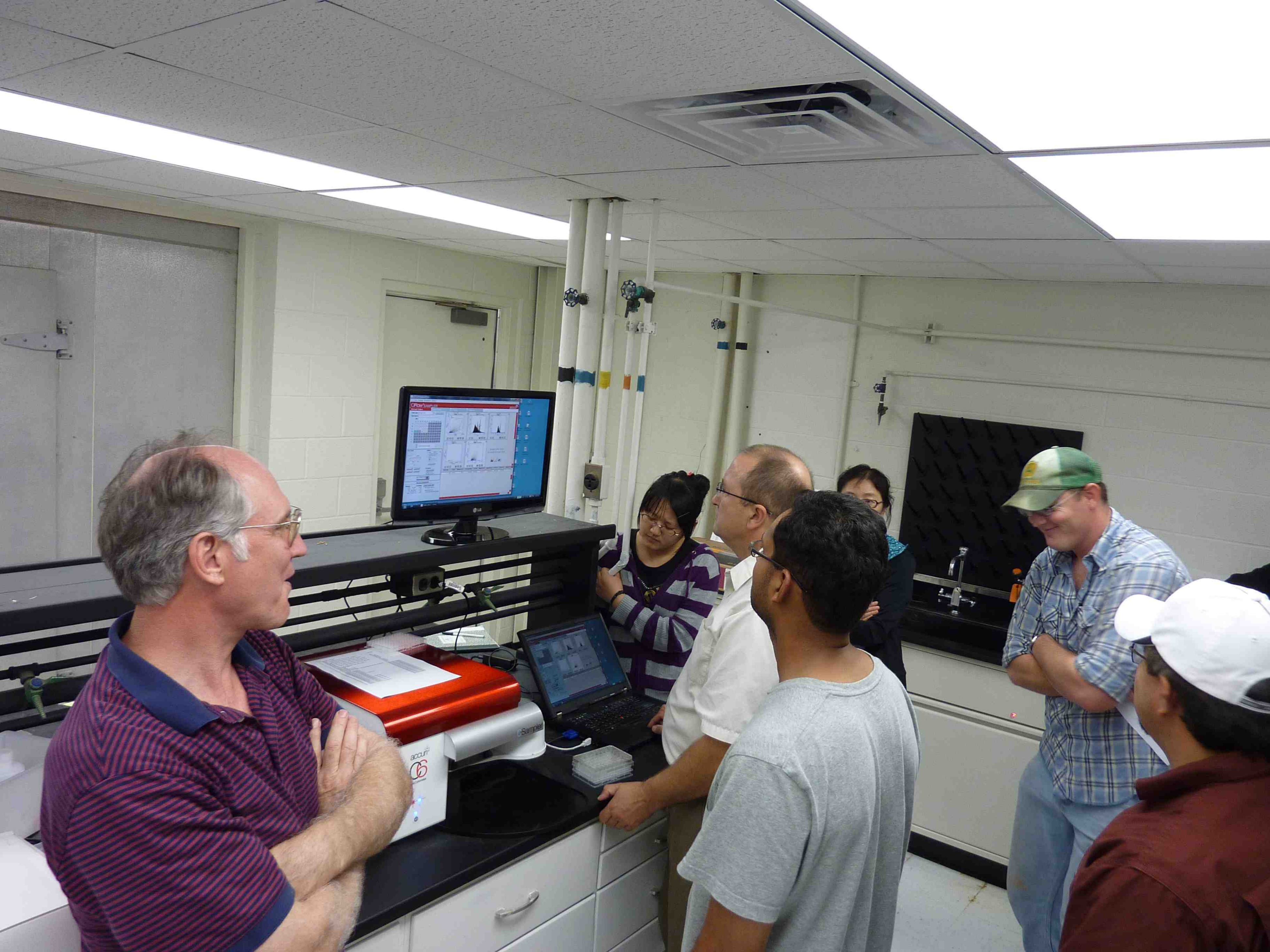
- GoldenGate® Genotyping - Linkage and fine mapping standard content panels and custom SNP panels from 96- to 1536-plex
- Infinium™ Whole-Genome Genotyping - Integrated solutions for 100, 300 and 500K SNP loci.
- Direct Hybridization Gene Expression - Whole-genome and focused array solutions

Thanks.

Bill

Wm. A. Dugas
Associate Vice Chancellor for Agriculture and Life Sciences
Associate Dean, College of Agriculture and Life Sciences
Interim Director, Texas AgriLife Research
113 Jack K. Williams Administration Building
2142 TAMU
College Station, TX 77843-2142
979 862 6712





From: [Helms, Adam](#)
To: [Gould Mike](#)
Cc: [Bill Rooney](#); [Mullet, John E.](#); [J. Michael Gould](#); ssearcy@tamu.edu; [Patricia Klein](#); [McCutchen, Bill](#); [Avant, Bob](#); [Simpson, Shay](#); [Spurlin, Shayna](#); [Zak, Kendra](#); [Nelson, Michelle](#); [Stelly David](#)
Subject: RE: Revised Narrative
Date: Wednesday, October 14, 2009 10:19:48 AM

As requested

Adam Helms
AgriLife Research Corporate Relations
979-255-0752 (mobile)
979-458-2677 (office)

From: Gould Mike [mailto:jmgould@tamu.edu]
Sent: Wednesday, October 14, 2009 8:24 AM
To: Helms, Adam
Cc: Bill Rooney; Mullet, John E.; J. Michael Gould; ssearcy@tamu.edu; Patricia Klein; McCutchen, Bill; Avant, Bob; Simpson, Shay; Spurlin, Shayna; Zak, Kendra; Nelson, Michelle; Stelly_David
Subject: Re: Revised Narrative
Importance: High

I second that request.

Mike
Mike Gould
Center Director

On Oct 14, 2009, at 5:53 AM, Stelly_David wrote:

IS <DARPA Energy Crops V1.mpp> the GANTT chart?

Software required?

Can you output a PDF or image from it and send that?

David

On Oct 13, 2009, at 10:41 PM, Helms, Adam wrote:

Attached is the revised narrative (what Bob sent earlier but with budget corrections), Milestones, Deliverables, Metrics document (w/updated budgets per task), DARPA STO slides formatted for consistency, and the Gantt chart – please have all corrections to me by COB tomorrow.

Thanks,

Adam

Adam Helms
AgriLife Research Corporate Relations
979-255-0752 (mobile)
979-458-2677 (office)

<Milestones_Deliverables_Metrics_Master_Semifinal_v3.doc><DARPA RD
Proposal SemiFinal_v3.doc><DARPA_STO slides_081209jm ds wlr
ajh.ppt><DARPA Energy Crops V1.mpp>

From: [Helms, Adam](#)
To: [Bill Rooney](#); [Mullet, John E.](#); [David Stelly](#); [J. Michael Gould](#); ssearcy@tamu.edu; [Patricia Klein](#)
Cc: [McCutchen, Bill](#); [Avant, Bob](#); [Simpson, Shay](#); [Spurlin, Shayna](#); [Zak, Kendra](#); [Nelson, Michelle](#)
Subject: RE: Revised Narrative
Date: Tuesday, October 13, 2009 10:43:08 PM

Importance: High

Attached is the revised narrative (what Bob sent earlier but with budget corrections), Milestones, Deliverables, Metrics document (w/updated budgets per task), DARPA STO slides formatted for consistency, and the Gantt chart – please have all corrections to me by COB tomorrow.

Thanks,

Adam

Adam Helms
AgriLife Research Corporate Relations
979-255-0752 (mobile)
979-458-2677 (office)

From: [Carol Rhodes](#)
To: [Bill L. Rooney](#)
Cc: [David Baltensperger](#)
Subject: reclassification for Teal
Date: Thursday, October 01, 2009 4:27:22 PM

Here is the reclassification for Karen's position. After several discussions with HR and looking at various titles/pay ranges, I chose to go with Program Assistant. It is evidently used widely in Ag for a "catch-all" type position for wages as well as budgeted. The pay range is anywhere from \$20K to \$74K with an average of \$30,777. Therefore, I made it \$30K as an exempt position.

Please review the job duties as well as the percentages assigned to each and the required/preferred education, experience and knowledge.

Let me know what you want to change, etc.

Hopefully, we can keep you operating with less stress.

cj

C. J. Rhodes

Carol J. Rhodes, Administrative Services Officer
Department of Soil & Crop Sciences
Texas A&M University
TAMU 2474
College Station, TX 77843-2474
cj-rhodes@tamu.edu
(979) 845-3001; FAX (979) 845-0456

View Reclassify a Position Description Summary

Proposed Job Details

| | |
|--|---------------------------------|
| PIN Number | A01379 |
| Agency | Texas AgriLife Research |
| PAD Number | 000856 |
| Employee User Account for Position Description | PRIHODA, KAREN |
| Employee Last Name | PRIHODA |
| Employee First Name | KAREN |
| Hiring Unit | Soil & Crop Sciences Department |
| Position Title | Program Assistant |
| Title Code | 8493 |
| Percent Effort for position | 100 |
| ADLOC Part | 06 |
| ADLOC # | 06111222 |
| Location | College Station |
| Job Type | Full-Time |
| Pay Basis | Monthly |
| Salary (monthly or hourly amount) | 2500.00 |
| Source of Funds 1 | R&G |
| Part 1 | 06 |
| % 1 | 100 |
| Account # 1 | 111222 |
| Annual FTE Amount 1 | 30000.00 |

Source of Funds 2

| |
|---------------------|
| Part 2 |
| % 2 |
| Account # 2 |
| Annual FTE Amount 2 |

Source of Funds 3

| |
|--------|
| Part 3 |
|--------|

% 3

Account # 3

Annual FTE Amount 3

Source of Funds 4

Part 4

% 4

Account # 4

Annual FTE Amount 4

Source of Funds 5

Part 5

% 5

Account # 5

Annual FTE Amount 5

Are county funds included in County Court budget? No

Employees Supervised:

Include titles and number of each. If no employees are supervised, indicate "None". 4 to 6 student workers

Does this employee regularly exercise **discretion and independent judgment** and have the authority to make important decisions? Yes

If yes, give percentage 50

Is this position restricted by the USA Patriot Act? No

For more information [click here](#).

Select Unit Contact(s) Authorized to Access Position Description Bracken, Barbara
Rhodes, Carol

Select Unit/Department Head(s) Authorized to Access Position Description Rhodes, Carol
Baltensperger, David

Select Supervisor(s) Authorized to Access Position Description ROONEY, WILLIAM

Select Associate Dept. Head(s) Authorized to Access Position Description SMITH, WAYNE

Proposed Job Duties**4** Records

| Essential Duty? | Duties | % of Time |
|-----------------|---|-----------|
| | Provide program support by managing fiscal account information thru processing of invoices, coordinating travel arrangements and reimbursements, procard and other purchasing matters and tracking account balance and reporting using Canopy and or FAMIS. Prepares and/or | |

| | | |
|---------------------------|--|----|
| Yes | assists with proposal preparation and reporting. Assists with time/fund management issues as well as keeping abreast of policy and procedures for the Agricultural Program and the College of Ag and Life Sciences. | 45 |
| Yes | Coordinate sorghum inventory for the sorghum improvement program. This includes (a) inventory update, (b) inclusion of new seed stocks and (c) the pulling and distribution of seed as requested or for planting or sampling. Coordinate and ensure that seed for sorghum trials are packaged correctly and experiments are prepared for planting in a timely and accurate manner. | 30 |
| Yes | Assist in all aspects of field operations including planting, management, pollination and harvest. Manage or assist in threshing, cleaning and inventory of seed stocks in an efficient and timely manner. Supervise student workers associated with the sorghum improvement program as they undertake work in all aspects of the program. | 15 |
| Yes | Travel as needed across Texas to assist in planting, note-taking or harvest of research plots. Maintain inventory records and other necessary files. Other duties deemed necessary to fulfill the goals of the program and department. | 10 |
| Total Percent: 100 | | |

Proposed Job Requirements

| | |
|---|--|
| Required Education: | High school graduation supplemented by college courses in agriculture or any equivalent combination of training and experience. |
| Preferred Education: | Additional experience in agricultural research and project/personnel management. B.S. degree in Agriculture |
| Required Experience: | Five years in agriculture-related work, with two years in a supervisory capacity. |
| Preferred Experience: | Additional experience in agricultural research and project/personnel management. Experience in computer software, farm operations and research organizations and procedures for the Ag program. |
| Required licenses, certifications, or registrations: | Texas driver's license. |
| Preferred licenses, certifications, or registrations: | |
| Required special knowledge, abilities, and skills: | Working knowledge of computers and computer software critical for plant breeding such as PC SAS, Excel, Dbase, and Word as well as familiarity with FAMIS and Canopy. |
| Preferred special knowledge, abilities, and skills: | |
| Other requirements or other factors: | Ability to establish effective working relationships. Knowledge and understanding of tasks associated with a plant breeding program and office operations. |

Action Justification

| | |
|--------------------------|--|
| Justification for Action | Reclassify position left vacant by the retirement of Karen Teal to fulfill the needs for the sorghum of someone familiar with both office procedures and field reserach. |
| Other Comments to HR | |
| Contact Person | Carol J. Rhodes |
| Contact Person Phone | 979-845-3001 |
| Contact Person Email | CRhodes@ag.tamu.edu |

Action Approval Steps

First Administrative Reviewer:

Second Administrative Reviewer:

Third Administrative Reviewer:

Fourth Administrative Reviewer:

Action History

10-01-2009 4:13 PM

Carol Rhodes

Action Returned to Supervisor

Notes

Supervisor Comments

Unit Contact Comments

Unit/Department Head Comments

Associate Department Head
Comments

Human Resources Comments

First Reviewer Comments

Second Reviewer Comments

Third Reviewer Comments

Fourth Reviewer Comments

From: [Nina Estrada](#)
To: [Bill L Rooney](#)
Cc: [Susan Wilganowski](#)
Subject: Research Material Disclosure Form
Date: Wednesday, October 28, 2009 10:51:08 AM

Dr. Rooney,

Attached you will find the above mentioned document. Please return this document to me fully-executed.

Kindest regards,

Nina Estrada
Contracts and Grants
Texas AgriLife Research



Office of
TECHNOLOGY COMMERCIALIZATION

RESEARCH MATERIAL DISCLOSURE FORM

Please use the form fields to answer the questions regarding your research material. Complete only one form for each material, or set of materials, that you may want to distribute to others for research purposes.

(attach additional pages as necessary)

1. Research Material Designation (name or label for material):

Source: 99CS10049

Pedigree:

Description:

2. Research Material Description:

This is an F2 population segregating for various traits, but specifically sugar concentration, biomass yield, plant height and maturity.

3. Please describe typical and expected uses for this Research Material:

The cooperator will use the population to develop an RIL population in order to map QTL for biomass yield and composition.

4. Principal Investigator(s):

William Rooney

5. List all Texas A&M System creators of the Research Material:

| Name | Department | Center System Member |
|----------------|---------------------|----------------------|
| William Rooney | Soil & Crop Science | |

6. List all other creators of the Research Material Institution / Company / Organization Name



Office of

TECHNOLOGY COMMERCIALIZATION

RESEARCH MATERIAL DISCLOSURE FORM

(attach additional pages as necessary)

7. Identify the grants, contracts, or other sources of funding contributing to the development of the Material. Please provide the grant number, granting entity, as well as the name of the Office and contact person that manages each grant.

none

8. Were these materials originally created using A&M facilities and resources?

☒ Yes ☐ No If No, please explain below.

9. Does this material relate, in whole or in part, to any disclosure previously submitted or anticipated for submission in the future, to the Office of Technology Commercialization?

☐ Yes ☒ No If Yes, please provide details below.

10. Does the Research Material incorporate materials that have been provided by a third party?

☐ Yes ☒ No If Yes, please identify the providers of the other materials.

11. Do you anticipate any commercial entities having interest in this material?

☐ Yes ☒ No

If yes, please identify any that have expressed interest and check if this disclosure is being submitted specifically in response to that entities' interest.

| |
|--------------------------|
| <input type="checkbox"/> |
| <input type="checkbox"/> |
| <input type="checkbox"/> |

12. Supporting Documents:

Please attach any documents relevant to this material and that may be important for our consideration, e.g., publications, Material Transfer Agreements, etc.

By typing my name below and emailing this completed form to mta@tamu.edu using my tamu.edu email account, I certify that the above information is complete and accurate.

Principal Investigator

Date

Answer all questions on this form and email to the Office of Technology Commercialization at mta@tamu.edu

From: [Lavery, Cara](#)
To: [Bill Rooney](#)
Subject: ROONEY: Please Approve 1-Pager
Date: Thursday, October 08, 2009 8:40:55 AM

Good afternoon,

The US-DOT and Sun Grant National Office asked me to create "One Pagers" for each awarded project within the South Central region. As such, please review the attached PDF document. If there is anything you would like to see removed, added, or changed, please let me know.

If I don't hear from you by Friday, I will assume everything is okay and you approve it.

Thank you for taking the time to do this.

Cara

Cara Lavery

Specialist, Sun Grant Initiative

Oklahoma State University
Division of Agriculture Sciences & Natural Resources
214a Agricultural Hall
Stillwater, OK 78078-6016
Phone: (405) 744-3255
Fax: (405) 744-6059
E-Mail: cara.lavery@okstate.edu
Website: <http://sungrant.okstate.edu>



Project Title: *Evaluation of Sweet Sorghum Hybrids as a Bioenergy Feedstock; Germplasm Development, Agronomic Practices, and Conversion Efficiency*

DR. WILLIAM ROONEY

Project Outcomes:

New experimental hybrids were distributed to collaborators in April 2009. Hybrids trials were planted throughout the region; trials in South have been harvested and are now in ratoon growth. Trials in northern regions are now being harvested.

In comparison with similar maturity sweet sorghum cultivars (Simon and Umbrella), yields of the hybrids were 120% and 115% that of the cultivars. In addition they produced 50-75% more grain than any cultivars. Sugar concentrations in these hybrids are comparable with traditional sweets and sweet varieties of the same maturity. The differences in maturity will dictate different management and harvest approaches in research trials. They also indicate the importance of multiple plantings and to ensure available material for harvest over a long harvest window.



Other Sources of Funding:

Each of the PI and Co-PIs involved in this project had their respective institution (Texas A&M University, Oklahoma State University, Kansas State University, and New Mexico State University) match salary and fringe benefits via cost share.

Personnel:

Texas A&M University (W. Rooney, J. Blumenthal, G. Peterson, and B. Bean): This work will be directed by the PI and Co-PIs with a combination of undergraduate student labor and technical research associates.
Oklahoma State University (D Bellmer, R. Huhnke, and R. Kochenower): Personnel funds requested are for undergraduate student labor to assist in sample collection, processing, and analysis. The Co-PIs will direct the work.
New Mexico State University (M. Marsalis): Funds will be used to support technical support in the form of a research associate. This individual will be responsible for daily care and maintenance of the research trials in Clovis.
Kansas State University (Staggenborg, Wang): This work will be directed by the PI with a combination of undergraduate student labor and technical research associates. Funds for both are budgeted to coordinate and/or assist in field data collection and biometrical data analysis.

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