C. CONTENT AND APPLICATION FORMS - SF 424 (R&R).

You must complete the mandatory forms and any applicable optional forms (e.g., SF-LLL-Disclosure of Lobbying Activities) in accordance with the instructions on the forms and the additional instructions below. Files that are attached to the forms must be in Adobe Portable Document Format (PDF) unless otherwise specified in this announcement.

1. SF 424 (R&R).

<u>Complete this form first to populate data in other forms</u>. Complete all the required fields in accordance with the pop-up instructions on the form. To activate the instructions, turn on the "Help Mode" (Icon with the pointer and question mark at the top of the form).

2. RESEARCH AND RELATED Other Project Information.

Complete questions 1 through 5 and attach files. The files must comply with the following instructions:

Project Summary/Abstract (Field 7 on the Form).

The project summary/abstract must contain a summary of the proposed activity suitable for dissemination to the public. It should be a self-contained document that identifies the name of the applicant, the project director/princip al investigator(s) (PD/PI), the project title, the objectives of the project, a description of the project, including methods to be employed, the potential impact of the project (i.e., benefits, outcomes), and major participants (for collaborative projects). This document must not include any proprietary or sensitive business information as the Department may make it available to the public. The project summary must not exceed 2 pages when printed using standard 8.5" by 11" paper with 1" margins (top, bottom, left and right) with font not smaller than 11 point. To attach a Project Summary/Abstract, click "Add Attachment."

Project Narrative (Field 8 on the Form).

The project narrative **must not exceed 10 pages** of technical information, including charts, graphs, maps, photographs, and other pictorial presentations, when printed using standard 8.5" by 11" paper with 1 inch margins (top, bottom, left, and right). EVALUATORS WILL ONLY REVIEW THE NUMBER OF PAGES SPECIFIED IN THE PRECEDING SENTENCE. The font must not be smaller than 11 point. Do not include any Internet addresses (URLs) that provide information necessary to review the application, because the information contained in these sites will not be reviewed. See Part VIII.D for instructions on how to mark proprietary application information. To attach a Project Narrative, click "Add Attachment."

The application narrative should begin with a cover page that includes: the project title, the Lead PI's name and complete contact information.

The cover page must also include the following information (this page will not count in the project narrative page limitation):

Applicant/Instit ution:

Street Address/City/Sta te/Zip: Principal Investigator: Postal Address: Telephone Number:

Email:

Funding Opportunity Announcement Number: DE-FOA-0000223

DOE/Office of Science Program Office: Office of Biological and Environmental

Research

DOE/Office of Science Program Office Technical Contact: Dr. Catherine Ronning **DOE Grant Number (if Renewal Application):**

Is this a Collaboration? If yes, please list ALL Collaborating Institutions/PIs * and indicate which ones will also be submitting applications. Also indicate the PI who will be the point of contact and coordinator for the combined research activity.

The narrative comprises the research plan for the project. Letters of intent from all non-funded collaborators and short curriculum vitae of all senior personnel must be included in the application. Applications not meeting these requirements will be deemed ineligible during the initial screening process. The major part of the narrative should be devoted to a description and justification of the proposed project, including details of the methods to be used. It should also include a timeline for the major activities of the proposed project, and should indicate which project personnel will be responsible for which activities.

The project narrative must include:

Project Objectives:

This section should provide a clear, concise statement of the specific objectives/aims of the proposed project.

The Project Narrative comprises the research plan for the project; it should contain enough background material in the Introduction, including review of the relevant literature, to demonstrate sufficient knowledge of the state of the science. The major part of the narrative should be devoted to a description and justification of the proposed project, including details of the method to be used. It should also include a timeline for the major activities of the proposed project, and should indicate which project personnel will be responsible for which activities.

Project Timetable:

This section should outline as a function of time, year by year, all the important activities or phases of the project, including any activities planned beyond the project period. Successful applicants must use this project timetable to report progress.

Appendix 1: Biographical Sketch.

Provide a biographical sketch for the project director/princip al investigator (PD/PI) and each senior/key person listed in Section A on the R&R Budget form. **Provide the biographical sketch information as an appendix to your project narrative. Do not attach a separate file.** The biographical sketch appendix will not count in the project narrative page limitation. The biographical information (curriculum vitae) for each

person must not exceed 3 pages when printed on 8.5" by 11" paper with 1 inch margins (top, bottom, left, and right) with font not smaller than 11 point and must include:

<u>Education and Training</u>. Undergraduate, graduate and postdoctoral training, provide institution, major/area, degree and year.

<u>Research and Professional Experience</u>: Beginning with the current position list, in chronological order, professional/aca demic positions with a brief description.

<u>Publications</u>. Provide a list of up to 10 publications most closely related to the proposed project. For each publication, identify the names of all authors (in the same sequence in which they appear in the publication), the article title, book or journal title, volume number, page numbers, year of publication, and website address if available electronically.

Patents, copyrights and software systems developed may be provided in addition to or substituted for publications.

<u>Synergistic Activities</u>. List no more than 5 professional and scholarly activities related to the effort proposed.

<u>Identification of Potential Conflicts of Interest or Bias in Selection of Reviewers.</u>
Provide the following information in this section.

<u>Collaborators and Co-editors</u>: List in alphabetical order all persons, including their current organizational affiliation, who are, or who have been, collaborators or co-authors with you on a research project, book or book article, report, abstract, or paper during the 48 months preceding the submission of this application. Also, list any individuals who are currently, or have been, co-editors with you on a special issue of a journal, compendium, or conference proceedings during the 24 months preceding the submission of this application. If there are no collaborators or co-editors to report, state "None."

<u>Graduate and Postdoctoral Advisors and Advisees</u>: List the names and current organizational affiliations of your graduate advisor(s) and principal postdoctoral sponsor(s) during the last five years. Also, list the names and current organizational affiliations of your graduate students and postdoctoral associates during the past five years.

Appendix 2: Current and Pending Support.

Provide a list of all current and pending support (both Federal and non-Federal) for the Project Director/Princip al Investigator(s) (PD/PI) and senior/key persons, including subawardees, for ongoing projects and pending applications. For each organization providing support, show the total award amount for the entire award period (including indirect costs) and the number of person-months per year to be devoted to the project by the senior/key person. Provide the Current and Pending Support as an appendix to your project narrative. Do not attach a separate file. The Current and Pending Support Appendix will not count in the project narrative page limitation. Concurrent

submission of an application to other organizations for simultaneous consideration will not prejudice its review. Save the information in a separate file and attach to the "Attach Current and Pending Support" field in each profile.

Appendix 3: Bibliography & References Cited.

Provide a bibliography of any references cited in the Project Narrative. Each reference must include the names of all authors (in the same sequence in which they appear in the publication), the article and journal title, book title, volume number, page numbers, and year of publication. Include only bibliographic citations. Applicants should be especially careful to follow scholarly practices in providing citations for source materials relied upon when preparing any section of the application. In order to reduce the number of files attached to your application, please provide the Bibliography and References Cited information as an appendix to your project narrative. This appendix will not count in the project narrative page limitation.

Appendix 4: Facilities & Other Resources.

This information is used to assess the capability of the organizational resources, including subawardee resources, available to perform the effort proposed. Identify the facilities to be used (Laboratory, Animal, Computer, Office, Clinical and Other). If appropriate, indicate their capacities, pertinent capabilities, relative proximity, and extent of availability to the project. Describe only those resources that are directly applicable to the proposed work. Describe other resources available to the project (e.g., machine shop, electronic shop) and the extent to which they would be available to the project. In order to reduce the number of files attached to your application, please provide the Facility and Other Resource information as an appendix to your project narrative. This appendix will not count in the project narrative page limitation.

Appendix 5: Equipment.

List major items of equipment already available for this project and, if appropriate identify location and pertinent capabilities. In order to reduce the number of files attached to your application, please provide the Equipment information as an appendix to your project narrative. This appendix will not count in the project narrative page limitation.

Appendix 6: Other Attachment.

If you need to elaborate on your responses to questions 1-5 on the "Other Project Information" document, please provide this information as an appendix to your project narrative. This appendix will not count in the project narrative page limitation.

Do not attach any of the requested appendices described above as files for fields 9, 10, 11, and 12, instead follow the above instructions to include the information as appendices to the project narrative file (these appendices will not count in the project narrative page limitation).

3. RESEARCH AND RELATED BUDGET.

Complete the Research and Related Budget form in accord ance with the instructions on the form (Activate Help Mode to see instructions) and the following instructions. You must complete a separate budget for each year of support requested. The form will generate a cumulative budget for the total project period. You must complete all the mandatory information on the form before the NEXT PERIOD button is activated. You may request funds under any of the categories listed as long as the item and amount are necessary to perform the proposed work, meet all the criteria for allowability under the applicable Federal cost principles, and are not prohibited by the funding restrictions in this announcement (See PART IV, G).

Budget Justification (Field K on the form).

Provide the required supporting information for the following costs (See R&R Budget instructions): equipment; domestic and foreign travel; participant/trai nees; material and supplies; publication; consultant services; ADP/computer services; subaward/consort ium/contractual; equipment or facility rental/user fees; alterations and renovations; and indirect cost type. Include all budget line-items for which funds are requested. Provide any other information you wish to submit to justify your budget request. Attach a single budget justification file for the entire project period in Field K. The file automatically carries over to each budget year.

4. PROJECT/PERFORM ANCE SITE LOCATION(s)

Indicate the primary site where the work will be performed. If a portion of the project will be performed at any other site(s), identify the site location(s) in the blocks provided.

Note that the Project/Performa nce Site Congressional District is entered in the format of the 2 digit state code followed by a dash and a 3 digit Congressional district code, for example VA-001. Hover over this field for additional instructions.

Use the Next Site button to expand the form to add additional Project/Performa nce Site Locations.

5. SF-LLL Disclosure of Lobbying Activities.

If applicable, complete SF - LLL. Applicabilit y: If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the grant/cooperative agreement, you must complete and submit Standard Form - LLL, "Disclosure Form to Report Lobbying."

Summary of Required Forms/Files

Your application must include the following documents:

Name of Document	Format	Attach to	
SF 424 (R&R)	Form	N/A	
RESEARCH AND RELATED Other Project Information	Form	N/A	
Project Summary/Abstract	PDF	Field 6	
Project Narrative, including required appendices	PDF	Field 7	
RESEARCH & RELATED BUDGET	Form	N/A	
Budget Justification	PDF	Field K	
PROJECT/PERFORMA NCE SITE LOCATION(S)	Form	N/A	
SF-LLL Disclosure of Lobbying Activities , if applicable	Form	N/A	

D. SUBMISSIONS FROM SUCCESSFUL APPLICANTS.

If selected f	or award,	DOE	and USDA	reserve the right	to request	additional	or clarifying
information	for any re	eason (deemed nec	essary, including	g, but not li	mited to:	

□Indirect cost information
□Other budget information
□Name and phone number of the Designated Responsible Employee for complying with
national policies prohibiting discrimination (See 10 CFR 1040.5)
□Representation of Limited Rights Data and Restricted Software, if applicable
□Commitment Letter from Third Parties Contributing to Cost Sharing, if applicable

E. SUBMISSION DATES AND TIMES.

1. Letter of Intent Due Date.

A Letter of Intent (LOI) is not required.

2. Preapplication Due Date.

Potential applicants are **required** to submit a brief preapplication, referencing Funding Opportunity Announcement (FOA) **DE-FOA -0000223** for receipt by DOE by 4:30 p m., Eastern Time, January 4, 2010. Preapplications will be reviewed for conformance with the guidelines presented in the FOA and suitability in the technical areas specified. A response to the preapplications encouraging or discouraging formal applications will be communicated to the applicants by January 20, 2010. Applicants who have not received a response regarding the status of their preapplication by this date are responsible for contacting the program to confirm this status.

Only those preapplicants that receive notification from DOE encouraging a formal application may submit full applications. No other formal applications will be considered. Preapplications referencing Funding Opportunity Announcement DE-FOA-0000223 should be sent as PDF file attachments via e-mail to: SCbiomass.genomi cs@science.doe.g ov with "Preapplication DE-FOA-0000223" as the subject. No FAX or mail submission of preapplications will be accepted.

Potential applicants must submit a brief preapplication that consists of a cover page plus two to three pages of narrative describing the research objectives, the technical approach(s), and the proposed team members and their roles. The intent in requesting a preapplication is to save the time and effort of applicants in preparing and submitting a formal project application that may be inappropriate for the program. Preapplications will be reviewed relative to the scope and research needs as outlined in the summary paragraph and in the SUPPLEMENTARY INFORMATION. The preapplication must identify, on the cover sheet, the title of the project, the institution or organization, principal investigator name, telephone number, fax number, and e-mail address. No budget information or biographical data need be included, nor is an institutional endorsement necessary.

3. Formal Applications .

Formal applications submitted in response to this Funding Opportunity Announcement must be received by February 18, 2010, 8:00 p m. Eastern time, to permit timely consideration of awards in Fiscal Year 2010. You are encouraged to transmit your application well before the deadline. APPLICATIONS RECEIVED AFTER THE DEADLINE WILL NOT BE REVIEWED OR CONSIDERED FOR AWARD.

F. INTERGOVERNMENTA L REVIEW.

This program is not subject to Executive Order 12372 Intergovernmental Review of Federal Programs.

G. FUNDING RESTRICTIONS.

<u>Cost Principles</u>. Costs must be allowable in accordance with the applicable Federal cost principles referenced in 10 CFR Part 600. The cost principles for commercial organizations are in FAR Part 31.

<u>Pre-award Costs</u>. Recipients may charge to an award resulting from this announcement pre-award costs that were incurred within the ninety (90) calendar day period immediately preceding the effective date of the award, if the costs are allowable in accordance with the applicable Federal cost principles referenced in 10 CFR Part 600 and 2 CFR 215. Recipients must obtain the prior approval of the awarding agency / contracting officer for any pre-award costs that are for periods greater than this 90 day calendar period.

Pre-award costs are incurred at the applicant's risk. DOE and USDA are under no obligation to reimburse such costs if for any reason the applicant does not receive an award or if the award is made for a lesser amount than the applicant expected.

H. OTHER SUBMISSION AND REGISTRATION REQUIREMENTS.

1. Where to Submit.

Where to Submit: Applic ations must be submitted through Grants.gov to be considered for award. You cannot submit an application through Grants.gov unless you are registered.

Please read the registration requirements carefully and start the process immediately.

Remember you have to update your CCR registration annually. If you have any questions about your registration, you should contact the Grants.gov Helpdesk at 1-800-518-4726 to verify that you are still registered in Grants.gov.

All applications should be in a single PDF file.

2. Registration Process.

There are several one-time actions you must complete in order to submit an application (e.g., obtain a Dun and Bradstreet Data Universal Numbering System (DUNS) number, register with the Central Contract Registry (CCR), register with the credential provider, and register with Grants.gov). See http://www.grants.gov/GetStarted. Use the Grants.gov Organization Registration Checklist at http://www.grants.gov/assets/OrganizationRegCheck.doc to guide you through the process. Designating an E-Business Point of Contact (EBiz POC) and obtaining a special password called an MPIN are important steps in the CCR registration process. Applicants, who are not registered with CCR and Grants.gov, should allow at least-21 days to complete these requirements. It is suggested that the process be started as soon as possible.

Part V - APPLICATION REVIEW INFORMATION

A. CRITERIA.

1. Initial Review Criteria.

Prior to a comprehensive merit evaluation, DOE will perform an initial review in accordance with 10 CFR 605.10(b) to determine that (1) the applicant is eligible for the award; (2) the information required by the announcement has been submitted; (3) all mandatory requirements are satisfied; and (4) the proposed project is responsive to the objectives of the funding opportunity announcement.

2. Merit Review Criteria.

Applications will be subjected to scientific merit review (peer review) and will be evaluated against the following evaluation criteria which are listed in descending order of importance codified at 10 CFR 605.10(d):

- 1. Scientific and/or Technical Merit of the Project;
- 2. Appropriateness of the Proposed Method or Approach;
- 3. Competency of Applicant's Personnel and Adequacy of Proposed Resources; and
- 4. Reasonableness and Appropriateness of the Proposed Budget.

The evaluation process will include program policy factors such as the relevance of the proposed research to the terms of the announcement and the agencies' programmatic needs. Note that external peer reviewers are selected with regard to both their scientific expertise and the absence of conflict-of-interest issues. Both Federal and non-Federal reviewers may be used, and submission of an application constitutes agreement that this is acceptable to the investigator(s) and the submitting institution.

DOE and USDA will make final funding decisions based on the results of the peer review and internal programmatic review. USDA agrees to abide by DOE's application review procedures. Applicants selected for funding may be required to provide additional information. The application will then be forwarded to the appropriate offices for funding in accordance with each agency's procedures. Application s that USDA has agreed to fund will be sent to the agency for final negotiations and implementation of awards. Applicants selected for funding by USDA will be required to submit NIFA agency-specific forms prior to awarding of the grant by USDA.

B. REVIEW AND SELECTION PROCESS.

1. Merit Review.

Applications that pass the initial review will be subjected to a formal merit review and will be evaluated based on the criteria codified at 10 CFR Part 605.10(d) in accordance with the guidance provided in the "Office of Science Merit Review System for Financial Assistance." This Merit Review System is available at: http://www.scien.ce.doe.gov/grants/merit.html.

2. Selection.

The Selection Official will consider the merit review recommendation, program policy factors, and the amount of funds available.

3. Discussions and Award.

The Government may enter into discussions with a selected applicant for any reason deemed necessary, including but not limited to: (1) the budget is not appropriate or reasonable for the requirement; (2) only a portion of the application is selected for award; (3) the Government needs additional information to determine that the recipient is capable of complying with the requirements in 10 CFR part 600 and 605; and/or (4) special terms and conditions are required. Failure to resolve satisfactorily the issues identified by the Government will preclude award to the applicant.

C. ANTICIPATED NOTICE OF SELECTION AND AWARD DATES.

DOE is striving to make awards within 6 months. The time interval begins on the date applications are due or the date the application is received, if there is no specified due date/deadline. Awards will be made in Fiscal Year 2010.

Part VI - AWARD ADMINISTRATION INFORMATION

A. AWARD NOTICES.

1. Notice of Selection.

DOE will notify applicants selected for award. This notice of selection is not an authorization to begin performance. (See Part IV.G with respect to the allowability of preaward costs.) Those applications selected for funding by USDA will be notified and will be requested to submit additional information.

Organizations whose applications have not been selected will be advised as promptly as possible. This notice will explain why the application was not selected.

2. Notice of Award.

DOE: An Assistance Agreement issued by the contracting officer is the authorizing award document. It normally includes, either as an attachment or by reference: 1. Special Terms and Conditions; 2. Applicable program regulations, if any; 3. Application as approved by DOE/NNSA; 4. DOE assistance regulations at 10 CFR Part 600; 5. National Policy Assurances to Be Incorporated As Award Terms; 6. Budget Summary; and 7. Federal Assistance Reporting Checklist, which identifies the reporting requirements.

For grants and cooperative agreements made to universities, non-profits and other entities subject to OMB Circular A-110 the Award also includes the Research Terms and Conditions located at http://www.ns f.gov/bfa/dias/policy/rtc/index.jsp.

USDA: Once NIFA conducts peer panel and internal administrative reviews, successful applicants will receive a signed, electronic notification of their award. The award document will provide pertinent instructions and information including, at a minimum, the following:

- (1) Legal name and address of performing organization or institution to whom the Director has issued an award under the terms of this request for applications;
- (2) Title of project;
- (3) Name(s) and institution(s) of PDs chosen to direct and control approved activities;
- (4) Identifying award number assigned by the Department;
- (5) Project period, specifying the amount of time the Department intends to support the project without requiring recompetition for funds;
- (6) Total amount of Departmental financial assistance approved by the Director during the project period;
- (7) Legal authority(ies) under which the award is issued;

- (8) Appropriate Catalog of Federal Domestic Assistance (CFDA) number;
- (9) Applicable award terms and conditions (see http://www.nifa.usda.gov/business/awards/awardterms.html to view NIFA award terms and conditions);
- (10) Approved budget plan for categorizing allocable project funds to accomplish the stated purpose of the award; and
- (11) Other information or provisions deemed necessary by NIFA to carry out its respective awarding activities or to accomplish the purpose of a particular award.

B. ADMINISTRATIVE AND NATIONAL POLICY REQUIREMENTS.

1. Administrative Requirements.

DOE: The administrative requirements for DOE grants and cooperative agreements are contained in 10 CFR Part 600 and 10 CFR Part 605 (See: http://ecfr.gpoa.ccess.gov). Grants and cooperative agreements made to universities, non-profits and other entities subject to OMB Circular A-110 are subject to the Research Terms and Conditions located on the National Science Foundation web site at http://www.nsf.g.gov/bfa/dias/poli.cv/rtc/index.jsp.

USDA: Several Federal statutes and regulations apply to grant applications considered for review and to project grants awarded under this program. These include, but are not limited to:

2 CFR Part 215—Uniform Administrative Requirements for Grants and Agreements with Institutions of Higher Education, Hospitals, and Other Non-Profit Organizations (OMB Circular A-110).

7 CFR Part 1, subpart A—USDA implementation of the Freedom of Information Act.

7 CFR Part 3—USDA implementation of OMB Circular No. A-129 regarding debt collection.

7 CFR Part 15, subpart A—USDA implementation of Title VI of the Civil Rights Act of 1964, as amended.

7 CFR Part 331 and 9 CFR Part 121—USDA implementation of the Agricultural Bioterrorism Protection Act of 2002.

7 CFR Part 3017—USDA implementation of Governmentwide Debarment and Suspension (Nonprocurement) and 7 CFR Part 3021—Governmentwide Requirements for Drug Free Workplace (Grants).

7 CFR Part 3018—USDA implementation of Restrictions on Lobbying. Imposes prohibitions and requirements for disclosure and certification related to lobbying on recipients of Federal

contracts, grants, cooperative agreements, and loans.

7 CFR Part 3052—USDA implement ation of OMB Circular No. A-133, Audits of States, Local Governments, and Non-profit Organizations.

7 CFR Part 3407—NIFA procedures to implement the National Environmental Policy Act of 1969, as amended.

7 CFR Part 3430—NIFA procedures to implement Competitive and Noncompetitive Nonformula Grant Programs—General Grant Administrative Provisions.

29 U.S.C. 794 (section 504, Rehabilitation Act of 1973) and 7 CFR Part 15b (USDA implementation of statute) —prohibiting discrimination based upon physical or mental handicap in Federally assisted programs.

35 U.S.C. 200 et seq. —Bayh Dole Act, controlling allocation of rights to inventions made by employees of small business firms and domestic nonprofit organizations, including universities, in Federally assisted programs (implementing regulations are contained in 37 CFR Part 401).

2. Special Terms and Conditions and National Policy Requirements.

Special Terms and Conditions and National Policy Requirements.

The DOE Special Terms and Conditions for Use in Most Grants and Cooperative Agreements are located at http://managemen.t.energy.gov/business doe/business doe/business forms htm.

The National Policy Assurances to Be Incorporated As Award Terms are located at http://managemen.t.energy.gov/business doe/business forms htm.

Intellectual Property Provisions.

The standard DOE financial assistance intellectual property provisions applicable to the various types of recipients are located at http://www.gc.energy.gov/financial assistance awards htm.

C. REPORTING.

Reporting requirements are identified on the Federal Assistance Reporting Checklist, DOE F4600.2, attached to the award agreement.

USDA grantees are required to submit initial project information and annual and summary reports to NIFA' Current Research Information System (CRIS). The CRIS database contains narrative project information, progress/impact statements, and final technical reports that are made available to the public. For applications recommended for funding, instructions on preparing and submission of project documentation will be provided to the applicant by the Agency Contact. Documentation must be submitted to CRIS before NIFA funds will be released. Project reports will be requested by the CRIS office when required. For more information about CRIS, visit http://cris.nifa.usda.gov.

For informational purposes, the "Federal Financial Report," Form SF-425, consolidates into a single report the former Financial Status Report (SF-269 and SF-269A) and the Federal Cash Transactions Report (SF-272 and SF-272A). The NIFA Agency-specific Terms and Conditions include the requirement that Form SF-425 is due on a quarterly basis no later than 30 days following the end of each reporting period. A final "Federal Financial Report," Form SF-425, is due 90 days after the expiration date of this award.

PART VII - QUESTIONS/AGENC Y CONTACTS

A. QUESTIONS.

Questions regarding the content of the announcement must be submitted through the FedConnect portal. You must register with FedConnect to respond as an interested party to submit questions, and to view responses to questions. It is recommended that you register as soon after release of the FOA as possible to have the benefit of all responses. More information is available at http://www.compu search.com/products/fedconnect/fedconnect/fedconnect.asp and https://www.fedconnect.net/FedConnect/PublicPage-s/FedConnect_Rea dy_Set_Go.pdf. <a href="https://www.bull-try-to-respond-to-a-question-within-3-business-days, unless-a-similar question-and-answer have already-been posted on the website. Applications submitted through FedConnect will not be accepted.

Questions relating to the registration process, system requirements, how an application form works, or the submittal process must be directed to Grants.gov at 1-800-518-4726 or support@grants.gov. DOE cannot answer these questions.

B. AGENCY CONTACT:

GENERAL INQUIRIES ABOUT THIS FOA SHOULD BE DIRECTED TO:

Technical/Scientific Program Contact:

SCbiomass.genomi cs@science.doe.g ov

Program Manager: Dr. Catherine M. Ronning

U.S. Department of Energy

Office of Biological and Environmental Research

Phone: 301-903-9549

E-Mail: Catherine.Ronnin g@science.doe.go v

Program Manager: Dr. Ed Kaleikau United States Department of Agriculture National Institute of Food and Agriculture E-Mail: ekaleikau@nifa.u sda.gov

PART VIII - OTHER INFORMATION

A. MODIFICATIONS.

Notices of any modifications to this announcement will be posted on Grants.gov and the FedConnect portal. You can receive an email when a modification or an announcement message is posted by registering with FedConnect as an interested party for this FOA. It is recommended that you register as soon after release of the FOA as possible to ensure you receive timely notice of any modifications or other announcements. More information is available at http://www.fedco.nnect.net and

http://www.compu_search.com/products/fedconnect/f_edconnect.asp.

B. GOVERNMENT RIGHT TO REJECT OR NEGOTIATE.

DOE and USDA reserve the right, without qualification, to reject any or all applications received in response to this announcement and to select any application, in whole or in part, as a basis for negotiation and/or award.

C. COMMITMENT OF PUBLIC FUNDS.

For DOE, the Contracting Officer is the only individual who can make awards or commit the Government to the expenditure of public funds. A commitment by other than the Contracting Officer, either explicit or implied, is invalid.

D. PROPRIETARY APPLICATION INFORMATION.

Patentable ideas, trade secrets, proprietary or confidentional commercial or financial information, disclosure of which may harm the applicant, should be included in an application only when such information is necessary to convey an understanding of the proposed project. The use and disclosure of such data may be restricted, provided the applicant includes the following legend on the first page of the project narrative and specifies the pages of the application which are to be restricted:

"The data contained in pages _____ of this application have been submitted in confidence and contain trade secrets or proprietary information, and such data shall be used or disclosed only for evaluation purposes, provided that if this applicant receives an award as a result of or in connection with the submission of this application, DOE shall have the right to use or disclose the data herein to the extent provided in the award. This restriction does not limit the government's right to use or disclose data obtained without restriction from any source, including the applicant."

To protect such data, each line or paragraph on the pages containing such data must be specifically identified and marked with a legend similar to the following:

"The following contains proprietary information that (name of applicant) requests not be released to persons outside the Government, except for purposes of review and evaluation."

E. EVALUATION AND ADMINISTRATION BY NON-FEDERAL PERSONNEL.

In conducting the merit review evaluation, the Government may seek the advice of qualified non-Federal personnel as reviewers. The Government may also use non-Federal personnel to conduct routine, nondiscretionary administrative activities. The applicant, by submitting its application, consents to the use of non-Federal reviewers/admini strators. Non-Federal reviewers must sign conflict of interest and non-disclosure agreements prior to reviewing an application. Non-Federal personnel conducting administrative activities must sign a non-disclosure agreement.

F. INTELLECTUAL PROPERTY DEVELOPED UNDER THIS PROGRAM.

DOE

<u>Patent Rights</u>. The government will have certain statutory rights in an invention that is conceived or first actually reduced to practice under a DOE award. 42 U.S.C. 5908 provides that title to such inventions vests in the United States, except where 35 U.S.C. 202 provides otherwise for nonprofit organizations or small business firms. However, the Secretary of Energy may waive all or any part of the rights of the United States subject to certain conditions. (See "Notice of Right to Request Patent Waiver" in paragraph G below.)

Rights in Technical Data. Normally, the government has unlimited rights in technical data created under a DOE agreement. Delivery or third party licensing of proprietary software or data developed solely at private expense will not normally be required except as specifically negotiated in a particular agreement to satisfy DOE's own needs or to insure the commercialization of technology developed under a DOE agreement.

USDA:

35 U.S.C. 200 et seq. —Bayh Dole Act, controlling allocation of rights to inventions made by employees of small business firms and domestic nonprofit organizations, including universities, in Federally assisted programs (implementing regulations are contained in 37 CFR Part 401).

G. NOTICE OF RIGHT TO REQUEST PATENT WAIVER.

Applicants may request a waiver of all or any part of the rights of the United States in inventions conceived or first actually reduced to practice in performance of an agreement as a result of this announcement, in advance of or within 30 days after the effective date of the award. Even if such advance waiver is not requested or the request is denied, the recipient will have a continuing right under the award to request a waiver of the rights of the United States in identified inventions, i.e., individual inventions conceived or first actually reduced to practice in performance of the award. Any patent waiver that may be granted is subject to certain terms and conditions in 10 CFR 784.

Domestic small businesses and domestic nonprofit organizations will receive the patent rights clause at 37 CFR 401.14, i.e., the implementation of the Bayh-Dole Act. This clause permits domestic small business and domestic nonprofit organizations to retain title to subject inventions. Therefore, small businesses and nonprofit organizations do not need to request a waiver.

H. NOTICE REGARDING ELIGIBLE/INELIGIBLE ACTIVITIES.

Eligible activities under this program include those which describe and promote the understanding of scientific and technical aspects of specific energy technologies, but not those which encourage or support political activities such as the collection and dissemination of information related to potential, planned or pending legislation.

From: "McCutchen, Bill" <bmccutchen@tamu.edu>

To: DBaltensperger@ag.tamu.edu

CC: AHelms.EXTERNAL.Internet; RVAvant.EXTERNAL.Internet

Date: 9/4/2009 11:03 PM **Subject:** Fw: Aflotoxin and Cancer

Attachments: PROJECT SUMMARY.pdf; NEW TITLE.pdf; PROJECT NARRATIVE.pdf

David,

How would (or do) you want us to proceed? I think this forms the nexus for many of the PI's to work from.

Bill

---- Original Message -----

From: Timothy Phillips <TPHILLIPS@cvm.tamu.edu>

To: McCutchen, Bill

Sent: Fri Sep 04 15:45:22 2009 Subject: Re: Aflotoxin and Cancer

Bill,

Attached, please find a summary and narrative of what I plan to submit on aflatoxin and cancer to NIH. If you think it has potential for a team submission to CPRIT, I will be back on Sept. 14th from Austria and we can further discuss the details, etc.

Regards,

Tim

P.S.: Remember, we have new data and a manuscript ready to submit on our investigation with a liver cancer cluster in San Antonio, TX. This could be added in the background of the grant.

>>> "McCutchen, Bill" <bmccutchen@tamu.edu> 9/3/2009 7:08 PM >>> Tim,

First of all, thanks for providing insight and strategy per our call yesterday.

Second, do you have a short document/summary that our other faculty on call might coalesce around? We would appreciate.

Third and by all means please submit to NIH. CPRIT would just be a bonus for funding additional RD activities.

Bill

From: "McCutchen, Bill" <bmccutchen@tamu.edu>

To: DBaltensperger@ag.tamu.edu

Date: 6/30/2010 3:38 PM

Subject: Fw: AgNMore News: McCutchen named chair of national ag biotech council

From: AGNMORE (Agriculture and More) News from Texas AgriLife Extension Service and AgriLife

Research <AGNMORE@LISTSERV.TAMU.EDU>

To: AGNMORE@LISTSERV.TAMU.EDU <AGNMORE@LISTSERV.TAMU.EDU>

Sent: Wed Jun 30 15:00:01 2010

Subject: AqNMore News: McCutchen named chair of national ag biotech council

McCutchen named chair of national ag biotech council

June 30, 2010 Writer(s):

Blair Fannin, 979-845-2259,b-fannin@tamu.edu

Contact(s):Dr. Bill McCutchen, 979-845-8488, bmccutchen@tamu.edu

COLLEGE STATION – Dr. Bill McCutchen, associate director of Texas AgriLife Research, has been named chair of the National Agricultural Biotechnology Council for 2010-2011.

McCutchen will serve in a leadership role for the non-profit organization, which serves a consortium of 36 agricultural research and teaching governmental agencies, institutions and universities across the U.S. and Canada.

The council provides members the opportunity to learn more about issues surrounding the agricultural biotechnology sector and recently held its annual meeting at the University of California-Davis in Davis, Calif.

"Dr. McCutchen's experience as a leader in industry and university settings will provide strong leadership for NABC," said Dr. Ralph W.F. Hardy, president of the National Agricultural Biotechnology Council. "At its annual meeting in 2010, NABC addressed the linking of health with agriculture, food and nutrition. The annual meeting in 2012 will address food security. At the upcoming 2011 NABC (meeting) we will issue a white paper on agricultural research and development for water security."

As associate director, McCutchen helps facilitate research opportunities with AgriLife units and faculty across state, federal and corporate entities. McCutchen also oversees corporate relations activities to include the management of intellectual property for AgriLife Research, with special emphasis on biological sciences. He joined the agency in 2006.

McCutchen earned his bachelor's degree in 1987 and master's degree in 1989, both in entomology, from Texas A&M University. His doctorate in entomology is from the University of California-Davis in 1993. Prior to joining AgriLife Research, McCutchen was the crop protection and herbicide product coordinator for transgenic traits and chemistry and was also a DuPont Research Fellow with E.I. DuPont Agriculture & Nutrition and Pioneer Hi-Bred.

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From: David Baltensperger
To: bmccutchen@tamu.edu
Date: 6/30/2010 5:45 PM

Subject: Fw: AgNMore News: McCutchen named chair of national ag biotech council **Attachments:** Fw: AgNMore News: McCutchen named chair of national ag biotech council

Bill,

Congratulations and thanks!!!!

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

979-845-3041

----Original Message-----

From: Edward Hammond [mailto:hammond@sunshine-project.org]

Sent: Sunday, June 27, 2010 11:31 AM

To: Moore, Brooks; McConnell, Bill; McCutchen, Bill; Nessler, Craig; Bill Rooney

Subject: Belated MTAs - Need for new Agrilife policy

Mr. Moore:

I have finally had the opportunity to review the numerous MTAs that you belatedly provided at our meeting.

I'll make no bones about it. When I started flipping through them, I first became annoyed. My mere annoyance, however, quickly gave way to anger. You have redacted everything except boilerplate language in every one of those agreements that I looked at. That is not acceptable.

(I stopped flipping through after a while, for fear I might hurl them against the wall in front of my daughter.)

We will remain in serious conflict so long as you continue to massively exaggerate your alleged obligation under the Education Code.

It is simply not incumbent upon A&M to redact every detail of every bit of germplasm that it provides to any other entity under an MTA.

As long as that remains your position, this attempt at a dialog is over. I will move to try to resolve this the hard slog way. I haven't even attempted to do media work on these issues; but I will do that and more.

I am prepared to accept that there may sometimes be plant breeding particulars that in some cases are exempt from disclosure, particularly in cases like Ceres where you have a licensing agreement.

But I will not accept, and you know that my position is reasonable here, that there mere identify of the germplasm being exchanged is legitimately secret.

So please let me know very soon if you intend to take another crack at it to come up with a reasonable redaction policy. If not, then, well, I've already said it. Our civilized discussion will be over.

Sincerely,

Edward Hammond

From:

David Baltensperger Young, Judy 11/6/2009 1:58 PM To: Date: Subject: Fw: Castor dialog Attachments: Re: Castor dialog

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

979-845-3041

From: "McCutchen, Bill" <bmccutchen@tamu.edu>

To: dick.auld@ttu.edu; JMoore@ag.tamu.edu; DBaltensperger@ag.tamu.edu; td-mi...

CC: j-slovacek@tamu.edu; kzak@tamu.edu

Date: 11/6/2009 10:10 AM **Subject:** Fw: Castor dialog

Please see email below. Any chance that we can pull this off the week of the 16th? I think it would be worth our time to meet.

I will be in Mc Allen for Zebra Chip Meetings and then Beaumont for CORD; so I can't attend.

Bill

From: McCutchen, Bill

To: <

Sent: Fri Nov 06 09:34:14 2009 Subject: Re: Castor dialog

Kish,

I will see if we can align some schedules and get back to you.

Bill

From: <

To: McCutchen, Bill

Sent: Fri Nov 06 02:20:10 2009

Subject: Castor dialog

Hi Bill .. Hope all is well. I am afraid I dropped the ball on castor during the summer months. I was wondering if I could bring along a company committed to castor improvement and visit you at College Station in mid November. Could you please let me know if you and your castor team can spend half a day in an information sharing session? If there are better days around Mid November, please let me know it will have to be the week of Nov 16th but not on Nov 19th.

Best wishes.

Kish

From: "McCutchen, Bill" <bmccutchen@tamu.edu>

To: MAHussey.EXTERNAL.Internet; DKLunt.EXTERNAL.Internet; WDugas.EXTERNAL.In...
CC: M_Nelson.EXTERNAL.Internet; RVAvant.EXTERNAL.Internet; DBaltensperger@ag...

Date: 10/12/2009 6:02 PM

Subject: Fw: Chevron CV's for Thursday

Attachments: PFB-Simple-CV-2008.doc; Biographical Information Curt Munson.docx

FYI per Chevron visit. Thanks Mike and Shay.

Bill

From: Simpson, Shay

To: 'Gould Mike' <jmgould@tamu.edu>; Mullet, John E.; 'El-Hout Nael' <nmelhout@ag.tamu.edu>; 'Erik Mirkov' <emirkov@ag.tamu.edu>; 'John Jifon' <JLJifon@ag.tamu.edu>; Wilson, Ted; Paul Baumann (p-baumann@tamu.edu) <p-baumann@tamu.edu>; 'Bill Rooney' <wlr@tamu.edu>; McCutchen, Bill; Avant, Bob; Helms, Adam; Nelson, Michelle; Zak, Kendra; 'Travis Miller' <td-miller@tamu.edu>; 'Alex Thomasson' <athomasson@baen.tamu.edu>; McCutchen, Bill; Slovacek, Jackie; Baltensperger, David;

Maldonado, Theresa A.

Sent: Mon Oct 12 17:53:54 2009 Subject: Chevron CV's for Thursday

Hi all:

Attached are two CV's for Chevron's VP Paul Bryan and Team Lead, Curt Munson. Michelle Long gave a very detailed description of their two roles and I will try to summarize here as succinctly as possible.

Chevron has two strategic business units:

- 1. Chevron Technology Ventures (CTV)
- 2. Energy Technology Company (ETC)

Paul Bryan is a VP of Technology within CTV and deals much with the theoretical thinking of where Chevron is headed. Paul has been with Chevron over 20 years and is a Chemical Engineer by training.

Curt Munson is Team Lead in ETC and has the warm bodies to do the research within Chevron. Curt has been with Chevron 8 years and also is a ChemE.

Neither has agricultural background, but they have developed quite a bit of ag knowledge.

Thanks,

Shay

Shay L. Simpson

Associate Director, Corporate Relations

Texas AgriLife Research

Centeq Building 100D

979-845-6315 Office

Mobile

<mailto:n@tamu.edu> shay-simpson@tamu.edu

From: "McCutchen, Bill" <bmccutchen@tamu.edu>

To: sfspurlin@tamu.edu; JHurley@tamu.edu; PLSchuerman.EXTERNAL.Internet

CC: AHelms.EXTERNAL.Internet; RVAvant.EXTERNAL.Internet; JALandivar@aq.tamu....

Date: 2/1/2009 11:48 AM

Subject: Fw: Cotton

Attachments: Cotton Breeding Executive Summary - Monsant.doc

Peter, Shayna and Janie,

Please see attached a current DRAFT of cotton breeding Executive Summary produced by Drs. Smith, Dever and Hague.

We would like to provide this and likely two others executive summaries to Monsanto (and others in future?). These are being produced following our recent meeting with Monsanto in San Antonio and subsequent communications.

As you will see we are looking to collaborate with TTU's Biopolymers group in one or two key areas. Can you advise this team on how and when we might approach TTU and Eric? In light of ongoing MA discussion? Also, AgriLife Research will be the lead, so if funding ever occurs TTU would be sub similar to Auld and Chevron agreement.

Bottom line - still very early in discussions with Monsanto, but please advise on how and when we officially engage TTU and Biopolymers lab as it concerns.

Thanks,

Bill

---- Original Message -----

From: C. Wayne Smith < cwsmith@tamu.edu>

To: McCutchen, Bill

Cc: Baltensperger, David; Jane Dever <JDever@ag.tamu.edu>; Jaroy Moore <JMoore@ag.tamu.edu>;

Steve Hague <SHague@ag.tamu.edu>; Adam Helms <ahelms@tamu.edu>; Avant, Bob

Sent: Sat Jan 31 15:45:06 2009

Subject: RE: Cotton

Bill.

Thanks for the thorough review. I think I made all of your changes and found a couple of other verb tense mistakes. I also made a few other changes.

I suspect that Steve and Jane may have additional comments and as soon as they get those to me I'll incorporate and send the final draft. I have attached the latest version (McCutchen and Smith edits).

Thanks,

Wayne

C. Wayne Smith Professor and Associate Head Department of Soil and Crop Sciences 2474 TAMU Texas A&M University College Station, TX 77843-2474 979.845.3450 cwsmith@tamu.edu >>> "McCutchen, Bill" <bmccutchen@tamu.edu> 01/31/09 1:11 PM >>> Here are my comments and suggestions - please use as you see fit.

Is it OK to share this document, following your review, with the other faculty and unit heads that will be developing the 2 other Executive Summaries? We can discuss during Tuesday's meeting. The more integrated the proposals, the better.

Thanks again and hope this helps.

Bill

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

Sent: Wednesday, January 28, 2009 5:54 PM

To: Smith, Wayne

Cc: Baltensperger, David; 'jdever@ag.tamu.edu'; 'jmoore@ag.tamu.edu'; 'SHague@ag.tamu.edu'; Avant, Bob; Hussey, Mark; Slovacek, Jackie;

'ahelms@tamu.edu' Subject: Re: Cotton

Wayne, Jane and Steve,

I have had a chance to review in more depth, and again, believe this ES is a very nice and provoking document. I have an upcoming telecon with Monsanto to discuss potential next steps per marker donation, potential mtg dates in CS and potential further development of ES in two additional areas of RD. I will let you know how discussions go.

In the meantime I will provide Jackie and Adam with my written suggestions end of day Friday prior to heading to TSTA meetings. I will ask them to incorporate suggestions and send you a revised, draft - unfortunately in PHX till Friday w/o computer.

Thanks again.

Bill

---- Original Message -----

From: C. Wayne Smith < cwsmith@tamu.edu>

To: McCutchen, Bill

Cc: Baltensperger, David; Jane Dever <JDever@ag.tamu.edu>; Jaroy Moore <JMoore@ag.tamu.edu>; Steve Hague <SHague@ag.tamu.edu>; Avant, Bob;

Hussey, Mark

Sent: Fri Jan 23 13:31:57 2009

Subject: RE: Cotton

Bill et al.

Attached is a draft (maybe final) executive summary for cotton breeding. Note that it does not include supporting roles from Zhang, Stelly, and Rathore in the area of more basic genetics nor Hequet in fiber quality measurements or Dick Auld in mutagenesis. Those can be worked in but will take probably 2 more pages. Let me know if you would like me to expand the ES to be cotton genetic improvement or to amend in other ways.

Wayne

C. Wayne Smith
Professor and Associate Head
Department of Soil and Crop Sciences
2474 TAMU
Texas A&M University
College Station, TX 77843-2474
979.845.3450
cwsmith@tamu.edu

>>> "McCutchen, Bill"
 bmccutchen@tamu.edu> 1/18/2009 10:30 AM >>> Wayne,

This is exactly the type of information I believe he is seeking. We'll see where this goes. If Jane are others have additions that is great too.

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

----Original Message-----

From: C. Wayne Smith [mailto:cwsmith@tamu.edu]

Sent: Sunday, January 18, 2009 8:50 AM

To: Jane Dever; McCutchen, Bill

Cc: Baltensperger, David; Jaroy Moore; Avant, Bob; Hussey, Mark

Subject: Re: Cotton

Bill,

We have a rough draft of the ES already that is being reviewed and improved by Jane and Steve. We will send it for your review by mid-week.

As for a rough synopsis, our capabilities include:

Three agressive plant breeding projects, 2 headquarted at CS and 1 at L; College Station

- 8 locations
- full nurseries and strain evaluation at 2 locations
- generations initiated each year with 200 to 300 unique parental combinations
- generalization (annual): 15,000 + individual plants evaluated; 400 600 progeny rows; 300 400 strains performance tested
- goals: yield; drought tolerance; fiber properties

- latest accomplishments: variety level yield potential w/ improved fiber package; extra long staple upland trait; str in mid 30s

Lubbock (Jane)

How much more do you need? We can provide summary data along with the ES; we have a disclosure statement along that contains some data on the ELS trait.

Wayne

C. Wayne Smith
Professor and Associate Head
Department of Soil and Crop Sciences
2474 TAMU
Texas A&M University
College Station, TX 77843-2474
979.845.3450
cwsmith@tamu.edu
>>> "McCutchen, Bill" <bmccutchen@tamu.edu> 01/16/09 6:56 PM >>> Wayne and Jane,

I received a call from a Sr. V.P. of DuPont/Pioneer today requesting information regarding our cotton breeding and germplasm RD capabilities, collection, etc. Is there anyway you two (and others) can provide me with a quick, rough synopsis?

On an unrelated note based on a request from Monsanto, we AgriLife Research "Cotton" would ask you two to lead the development of an Executive Summary for Molecular Breeding of Cotton - no more than 2-3 pgs.

Would you lead a group of scientists in developing such a document based on the team's interests and priorities? Let me know and I plan to provide more information on ES process and strategy to include 2 additional Summaries in RD areas that will overlap with your efforts.

Thanks much,

Bill

From: "McCutchen, Bill" <bmccutchen@tamu.edu>

To: DBaltensperger@ag.tamu.edu; JMoore@ag.tamu.edu; JALandivar@ag.tamu.edu
CC: RVAvant.EXTERNAL.Internet; AHelms.EXTERNAL.Internet; CNessler.EXTERNAL.I...

Date: 3/9/2010 6:04 PM

Subject: Fw: Cotton

Again, please do not forward but wanted to update you on Ty's response. We'll keep pushing (slowly) until we find a key partner(s) in cotton - whether it be Monsanto, Bayer, DAS, etc.

Thanks,

Bill

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

To: 'ty.t.vaughn@monsanto.com' <ty.t.vaughn@monsanto.com>

Sent: Tue Mar 09 17:59:32 2010

Subject: Re: Cotton

Thanks Ty. I understand about travel. I have been on the road in and out of office much of the past month.

I would appreciate the feedback you propose. Also, I would be happy to discuss areas of strength and potential mutual interest between our organizations. We can start modest in select areas, set milestones and deliverables and see how collaborative RD endeavors progress that would ramp-up over a period of time - assuming we are both pleased with progress, outcomes and impacts.

Let me know if you want to discuss by phone and/or set aside some time to discuss during our visit to STL in early April.

Take care.

Bill

---- Original Message -----

From: VAUGHN, TY T [AG/1000] <ty.t.vaughn@monsanto.com>

To: McCutchen, Bill

Sent: Mon Mar 08 05:45:47 2010

Subject: RE: Cotton

Bill -

Thanks for the note and transparency. I have asked the team to think through again options given funding and our objectives. I've been out of the country for the past 3 weeks but will have something back to you by April. I do understand what you are seeking, and will try to determine if we can meld our objectives for cotton grower's eventual benefit.

Thanks again and will talk to you soon

Ty

Ty T. Vaughn | Global Cotton Technology Lead Monsanto | 800 N Lindbergh Blvd E3NA St Louis, MO 63167 ty.t.vaughn@monsanto.com (o) 314-694-6613 | (m) 314-910-0906 | (f) 314-694-6662 ----Original Message-----

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

Sent: Sunday, March 07, 2010 12:26 PM

To: VAUGHN, TY T [AG/1000]

Subject: Cotton

Ty,

I apologize for not engaging in cotton discussions in a more meaningful manner, but please know that I have been staying "in the loop" vis-à-vis Adam, Jaroy, Juan, David and Bob.

Based on feedback, I don't believe the current proposed objectives are of interests (water BMPs and nematode field screens) to TX AM AgriLife Research. Many of these activities are already in progress across multiple units - Vernon, Corpus, Lubbock, Uvalde...

Please don't take this message incorrectly, these proposed and ongoing projects are important but (in my opinion) do not establish a short-to-long term strategic and collaborative RD partnership in cotton between our organizations.

As we stated, we are seeking a substantial collaborative partner to help mine germplasm, leverage our expertise, infrastructure, etc. for biotic and abiotic traits for the long term - not just for RD that impacts TX, but for locales worldwide. Again, we believe we have the only truly viable and comprehensive (remaining) public RD platform for cotton. As such, we are seeking a true, long term partnership to expand our RD and technology platform in an exclusive arrangement - and we are hoping that you and Monsanto could be that partner.

As Adam eluded to, a few of us plan to be in St. Louis April 6-8th for wheat discussions. If it makes sense and timing is good, we would like to propose a visit with you as well.

Thanks much and please feel free to give me a call if we need to discuss any or all in more detail.

Bill

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From: To: CC: Date: Subject:	"McCutchen, Bill" <bmccutchen@tamu.edu> DBaltensperger@ag.tamu.edu JASlovacek.EXTERNAL.Internet; RVAvant.EXTERNAL.Internet 1/14/2009 4:52 PM Fw: DOE Funding Opportunity Notice.</bmccutchen@tamu.edu>
David,	
Can you join Th	eresa and me on Monday at 2:00? We can also discuss BioEnergy handout from Bob.
Thanks,	
Bill	
	
Cc: Baltensperg Sent: Wed Jan	J.; Avant, Bob; McCutchen, Bill
Kathy:	
Dr. McCutchen	said he could meet on Monday at 2:00 pm. I will post this to his calendar.
Thanks	
Jackie	
Sent: Wednesda To: Avant, Bob; Cc: Baltensperg	It [mailto:KHolt@vprmail.tamu.edu] ay, January 14, 2009 1:19 PM McCutchen, Bill Jer, David; Slovacek, Jackie DE Funding Opportunity Notice.

Drs. McCutch and Avant,

Dr. Maldonado is not feeling well and is at home today. She would like to reschedule this afternoon's meetings for the afternoon of Monday, Jan. 19th - if you are willing to meet, since it is a holiday. She is available at 2:00 or 3:00 p.m.

I apologize for this inconvenience.
Thanks, Kathy
Kathy J. Holt Assistant to the Vice President for Research
Division of Research and Graduate Studies Texas A&M University
kjholt@tamu.edu <mailto:kjholt@tamu.edu></mailto:kjholt@tamu.edu>
1112 TAMU College Station, TX 77843-1112
Tel. 979-845-8585 Fax. 979-845-1855
http://vpr.tamu.edu <http: vpr.tamu.edu=""></http:> <0))><
>>> "McCutchen, Bill" <bmccutchen@tamu.edu> 1/13/2009 9:17 PM >>></bmccutchen@tamu.edu>
Kathy,
Thank you.
If it is acceptable to Dr. Maldonado, Dr. Baltensperger and I will plan to meet with Theresa (per faculty issues) from 4:30 - 5:00? Then Bob Avant will join us for bioenergy discussions from 5:00-5:30?
Thanks much for your help.
Bill
From: Avant, Bob To: Kathy Holt Cc: McCutchen, Bill; Slovacek, Jackie Sent: Mon Jan 12 10:14:01 2009

Subject: RE: DOE Funding Opportunity Notice.

Thanks Kathy. Let me see if Dr. M wants to fit in this discussion.

Bob Avant

Program Director

Texas AgriLife Research

979/845-2908

(Cell)

bavant@tamu.edu

http://agbioenergy.tamu.edu

From: Kathy Holt [mailto:KHolt@vprmail.tamu.edu]

Sent: Monday, January 12, 2009 9:18 AM

To: Avant, Bob

Cc: McCutchen, Bill; Slovacek, Jackie

Subject: Re: DOE Funding Opportunity Notice.

Dr. Avant,

Dr. Maldonado's schedule if packed this week. Dr. Maldonado has a meeting scheduled with Dr. McCutchen at 4:30-5:30 Wednesday - could you possibly join this meeting at 5:30 p.m.?

Thanks, Kathy

>>> "Avant, Bob" <bayant@tamu.edu> 1/11/2009 2:45 PM >>>

Kathy,

Could you find time this week for a one hour meeting between Theresa, Bill M. and me to discuss a DOE Funding Opportunity Notice that is on the streets now and requires a letter of intent in February. There is a potential to leverage a \$10 million DOE project with Chevron using one of the projects we already have funded at AgriLife Research. Any chance we could meet sometime Wednesday?

Bob Avant

Program Director

Texas AgriLife Research

979/845-2908

(Cell)

bavant@tamu.edu

http://agbioenergy.tamu.edu

To: MAHussey.EXTERNAL.Internet; CNessler.EXTERNAL.Internet

CC: RVAvant.EXTERNAL.Internet; DBaltensperger@ag.tamu.edu; DKLunt.EXTERNAL.I...

Date: 8/31/2010 6:06 PM

Subject: Fw: dollar numbers to show investments

Craig and Mark,

Alan, David and I met with Dave Stelly and Charlie Johnson this morning per bioinformatics. The bottom-line is that we agreed to ask CI to support a bioinformatics position for cotton/crops. After some deliberation Dave Stelly agreed that this was a good initial approach, and he will make a call to Kater Hake and Don Jones to explore the possibility. Per email below, we will provide CI with an overview of our recent investments and commitments to the Borlaug Genomics and Bioinformatics facility.

Thanks,

Bill

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

To: 'stelly@tamu.edu' <stelly@tamu.edu>; 'CharlieJohnson@tamu.edu' <CharlieJohnson@tamu.edu>

Cc: Baltensperger, David Sent: Tue Aug 31 17:58:50 2010

Subject: Re: dollar numbers to show investments

Yes. We have those numbers. Charlie, please provide in short bullets to include all of the equipment and infrastructure that have been purchased/invested over the past 3 years to include 2 Solexa's, 454, iScan, etc. Just need rough estimates.

Thanks,

Bill

---- Original Message -----

From: Stelly, David <stelly@tamu.edu>

To: Charles Johnson D. <CharlieJohnson@tamu.edu>; McCutchen, Bill

Cc: Stelly David <stelly@tamu.edu>; Baltensperger, David

Sent: Tue Aug 31 15:46:05 2010

Subject: dollar numbers to show investments

Charlie and Bill,

Would you have available short list of the key dollar figures of investments and short descriptions that I could use to illustrate recent, ongoing and planned investments that relate directly to our stepped-up development of relevant genomics and bioinformatics infrastructure and personnel here at TAMU?

These would be useful to include in the justification about the proposed support from Cotton Inc. to TAMU for the cotton-dediated bioinformatics.

David

To: NBPenn.EXTERNAL.Internet; JSIovacek.EXTERNAL.Internet

CC: Cornwell@tamu.edu; DBaltensperger@ag.tamu.edu; CNessler.EXTERNAL.Interne...

Date: 11/23/2009 7:40 AM

Subject: FW: Draft itinerary for Barry Tillman - ETF Position

Attachments: tillman..doc

Jackie and Nancye,

Can we set meetings with Drs. Nessler, Dugas, Lunt and/or perhaps Hussey for the afternoon / dinner with Barry Tillman - potential ETF hire?

Please get most current CV from Baltensperger.

Thanks,

BIII

--

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

To: JSlovacek.EXTERNAL.Internet CC: DBaltensperger@ag.tamu.edu

Date: 1/25/2010 4:50 PM
Subject: Fw: Draft Letter for Tillman
Attachments: Tillman Draft Letter.doc

Please print for me to review in the morning?

Thanks,

Bill

---- Original Message -----

From: David Baltensperger <dbaltensperger@ag.tamu.edu>

To: McCutchen, Bill

Sent: Sun Jan 24 20:46:52 2010 Subject: Draft Letter for Tillman

Bill,

Please take a look at this and see if you think we are getting close??

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

Phone 979-845-3041 Fax 979-845-0456 Email dbaltensperger@ag.tamu.edu

To: WLRooney.EXTERNAL.Internet; LNELSON@ag.tamu.edu;

NDTurner.EXTERNAL.Inter...

CC: WDugas.EXTERNAL.Internet; DBaltensperger@ag.tamu.edu; JKeeton@ag.tamu.ed...

Date: 9/8/2009 9:01 PM

Subject: Fw: Draft to McCutcheon -confidential

Nancy, Lloyd and Bill,

Please see email string below. is a tough nut to crack. Do we know with whom he might be talking to at MD and do we want to provide them (MD) with background information as to our objectives? - a true RD collaboration.

In the mean time, I would proceed with grant proposal with internal matching funds. I have a call with NSP tomorrow to seek a letter of support as well as other companies that maybe interested in Rd - but not likely for this round of CPRIT due to short time lines.

Thanks for working with me.

Bill

From: McCutchen, Bill

To:

Sent: Tue Sep 08 15:27:19 2009

Subject: RE: Draft to McCutcheon -confidential

Thanks and looking forward to your feedback.

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

From:

Sent: Monday, September 07, 2009 8:23 PM

To: McCutchen, Bill

Subject: Re: Draft to McCutcheon -confidential

Thank you, Bill. I will call you after the initial meetings at MDA to discuss my impression of next steps and the opportunity for you and us. I suspect we will have to supply a range of products for their testing much as the drug people supply its drugs for clinical testing. But let us see what direction it takes and I will report to you.

On 9/7/09 6:27 PM, "McCutchen, Bill"
 bmccutchen@tamu.edu> wrote:

I also understand and agree with your points, we are seeking to combine forces to help you deliver the best set of products possible. We are proposing mission-oriented research, not basic, as all commercialization of products is a continuum - a pipeline if you will. We are not seeking a JV. We also have expertise in formulations if that is of interest.

We are only seeking to double down (and in your case triple down) on an investment). If we don't get funding for the CPRIT proposal, then there is no commitment from SP to AM.

This is were we would like your input and feedback.

From: McCutchen, Bill

To: Cc:

Sent: Mon Sep 07 17:13:35 2009

Subject: Re: Draft to McCutcheon -confidential

Thanks for reading, and I believe we have some miscommunication.

The DRAFT exec summary is just that, a draft for your review and feedback. Our intent was to provide you this Draft for iteration for a true collaborative RD program. In other words, how could SP and Texas AM work together (in secrecy) to further improve the end product as well as show additional additive, if not synergistic benefits; i.e how could we show or develop these sorghum for addition flavor, texture, and/or health benefits that could be commercialized and marketed as a superior product to include AM's endorsement.

Yes, the sponsored RD will be licensed to exclusively. If you don't want to sponsor RD in sorghum breeding then please say so - that would drop \$200K off of the overall budget.

I can't stress enough that this is just a DRAFT for your review, and we would like to have your feedback to enhance, modify and meet the needs of all involved.

Thanks,			
Bill			

From:

To: McCutchen, Bill

Cc:

Sent: Mon Sep 07 13:20:28 2009

Subject: FW: Draft to McCutcheon -confidential

Bill, I thank you for the summary sent today. It lays out the activity in sorghum development and research to date at the University very well. Naturally, in our two year relationship, we are familiar with much of this background. Since you are proposing we help finance further research and development, we feel obligated to discuss the commitment to us by the University. What is not said, if course, is the true value of our investment to date in sorghum development.

There are several key issues it seems to me:

- 4. We ask you to be flexible on your demand for our participation and accept:
- 1. Royalties on all sales per our proposal, That may be more valuable than your request for research support.
- 2. We offered you a guaranteed minimum royalty based on exclusivity for us and tech support activity from you.
- 3. We would consider some research funding support based on exclusivity (not first option) and practical tech support where we had a say in the research and development.

On 9/7/09 12:01 PM, "McCutchen, Bill"
 bmccutchen@tamu.edu> wrote:

My fault I launched the email prematurely.

Again, here is the Draft Executive Summary entitled "A Collaborative Research and Development Initiative in Sorghum to Commercialize Supersorghums for Healthy Foods" that we discussed last week. The proposed sponsored R&D would be part in attempt to obtain much larger sums of money from the state of Texas though a submission to the CPRIT RFP. We would also provide internal matching funds of over \$250K for proposed R&D in an attempt to secure approximately \$1M in overall funding for these efforts.

We would be happy to discuss next steps. We should also discuss how we might link your contacts and our contacts at MD Anderson to potentially integrate the (three) institutes into an overall proposal with and Texas A&M AgriLife, but this may not be necessary.

Thanks again,

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

From: McCutchen, Bill

Sent: Monday, September 07, 2009 10:51 AM

To:

Cc: Avant, Bob; Schuerman, Peter L. Subject: Draft Executive Summary

Please find attached a Draft Executive Summary

--

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

----- End of Forwarded Message

From: David Baltensperger
To: Rhodes, Carol
Date: 1/27/2010 2:42 PM
Subject: Fw: Edited Tillman letter
Attachments: Re: Edited Tillman letter

Note need to adjust by 5 percent.

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

979-845-3041

From: To: CC: Date: Subject: Attachments:	"McCutchen, Bill" <bmccutchen@tamu.edu> GDReinhart.EXTERNAL.Internet; DBaltensperger@ag.tamu.edu RVAvant.EXTERNAL.Internet; JEMullet.EXTERNAL.Internet; DMStelly.EXTERNAL 7/24/2009 9:11 PM Fw: Energy Crops Proposal from TAMUS Energy Crops DARPA.doc</bmccutchen@tamu.edu>	
FYI		
Cc: Giroir, Brett Sent: Fri Jul 24	spatrick@darpa.mil <douglas.kirkpatrick@darpa.mil></douglas.kirkpatrick@darpa.mil>	
Doug,		
	ing with you and your colleagues last week. Please find attached a two-page proposal entitled "High-Biomass Energy Crops for U.S. Energy Security".	
	eets yours and DARPA's expectations. The proposed R&D and corresponding orms will address many energy-security issues for the DOD and the United States.	
Please give me	a call if you have any questions, and we look forward to your feedback.	
Very best regard	ls,	
Bill		
Bill F. McCutche	n, Ph.D.	
Associate Direct	or	
Texas AgriLife R	research	
Texas A&M Univ	versity 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

To: MAHussey.EXTERNAL.Internet; ARSams.EXTERNAL.Internet;

WDugas.EXTERNAL.In...

CC: RVAvant.EXTERNAL.Internet; DBaltensperger@ag.tamu.edu

Date: 11/2/2009 5:21 PM **Subject:** Fw: ETF FW: CV

Just an FYI - Looks like we may have a very viable candidate for Bioenergy ETF position - we'll see.

Bill

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

To: Cornwell, Brett L.; Baltensperger, David; Avant, Bob

Cc: Slovacek, Jackie; Ellison, Mark M. Sent: Mon Nov 02 16:33:20 2009

Subject: Re: ETF FW: CV

David,

Yes, please let us know, and I will join call if possible - but don't revise on my account. Could Stillman work on genetic gain/molecular markers for several TX-centric oil crops for bio -fuels/-products to include peanut, castor, algae, jatropha, etc?

I agree, his resume is strong and fits the ETF mold.

Thanks,

Bill

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

To: Baltensperger, David; Avant, Bob; McCutchen, Bill

Sent: Mon Nov 02 09:34:13 2009

Subject: RE: ETF FW: CV

Let me know when we can set up a call and I will be there. I have only a few immovable items this week.

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

----Original Message-----

From: David Baltensperger [mailto:DBaltensperger@ag.tamu.edu]

Sent: Monday, November 02, 2009 9:06 AM To: Avant, Bob; McCutchen, Bill; Cornwell, Brett L.

Subject: Re: ETF FW: CV

Brett,

Thanks -- I am at @Pittsburgh and Barry is here so I will touch base.

Perhaps we could get a conference call set internally to talk about next steps.

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

979-845-3041

----Original Message-----

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

To: McCutchen, Bill < BMcCutchen. EXTERNAL. Internet>

Cc: Avant, Bob < RVAvant.EXTERNAL.Internet>

Cc: Baltensperger, David <DBaltensperger@ag.tamu.edu>

To: Ellison, Mark M. <Mark.Ellison@tamu.edu>

Sent: 11/2/2009 8:55:49 AM Subject: RE: ETF FW: CV

I really like his resume. Good mix of industry and academia. Previous roots in Texas so he may stay awhile.

Experience in industry and in academia with commercialization. Even has a statement about commercialization in his CV.

My question on him is geared to the focus of his research at TAMUS as it relates to biofuels. I assume it would be high oil peanuts that could be used for bio-oil. And I also assume that the high level of breeding experience and successful commercialization in other crops like rice means that he is a versatile molecular breeder who would lead our oil seed crop area with his initial focus being on peanut oil for bio oil.

Am I reading this correctly?

With some help from you guys in Agrilife defining his future research and commercialization focus from a bioenergy point of view, I feel confident that we could show him as a person with a good commercialization history and a commercial focused future. We just need to make that fit into bioenergy.

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

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

Sent: Monday, November 02, 2009 8:39 AM To: Cornwell, Brett L.; Ellison, Mark M.

Cc: Avant, Bob; Baltensperger, David

Subject: ETF FW: CV

Brett and Mark,

I believe we may have another viable candidate for Bioenergy ETF - cv attached. Tillman has good background IP and commercialization experience in plant breeding. Please let us know your initial reaction as Baltensperger needs to set up visit and meetings.

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

----Original Message-----

From: David Baltensperger [mailto:DBaltensperger@ag.tamu.edu]

Sent: Wednesday, October 28, 2009 4:59 PM

To: McCutchen, Bill Subject: Fw: CV

Please call!!!!

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

979-845-3041

To: JSlovacek.EXTERNAL.Internet

CC: Cornwell@tamu.edu; DBaltensperger@ag.tamu.edu

Date: 12/11/2009 6:11 PM

Subject: Fw: etf

Jackie,

So I don't forget, please send Tillman final - signature - version of Bioenergy ETF.

Thanks,

Bill

---- Original Message -----

From: David Baltensperger < DBaltensperger@ag.tamu.edu>

To: McCutchen, Bill; Cornwell, Brett L. Sent: Fri Dec 11 17:34:53 2009

Subject: etf

Brett and Bill,

The wrap up with Dr. Tillman went very well today. He seems very interested. He mentioned that he would like to see a copy of the etf proposal sometime. I do not have a copy to share -- if appropriate please send one. Thanks.

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

Phone 979-845-3041 Fax 979-845-0456 Email dbaltensperger@ag.tamu.edu

To: JSweeten@ag.tamu.edu; JALandivar@ag.tamu.edu; jcarey@poultry.tamu.edu; D...

CC: DKLunt.EXTERNAL.Internet; WDugas.EXTERNAL.Internet; KZak.EXTERNAL.Intern...

Date: 10/6/2009 12:22 PM

Subject: Fw: FMC Potential Partnership Meeting

All,

Just so that you know, we are contacting some of your faculty in order to seek their potential interests in visiting with FMC.

FMC is a major chemical and ingredients company. They contacted Dr. Hussey, and we are following through. As you will see below FMC's interests with AgriLife revolve around food/health/feed ingredients, biopolymers and the like. If you have (a few) additional faculty that may have interests in briefly speaking with FMC, please let us know - we have limited time and this is our first official site visit by FMC. You might want to check their website.

Thanks,

Bill

From: Zak, Kendra

To: 'lrooney@tamu.edu' <lrooney@tamu.edu>; 'wlr@tamu.edu' <wlr@tamu.edu>; Turner, Nancy; Lunt,

David; Sawyer, Jason; Wickersham, Tryon A.; Simpson, Shay; Avant, Bob;

McCutchen, Bill; Helms, Adam; Spurlin, Shayna

Cc: Slovacek, Jackie

Sent: Tue Oct 06 11:33:49 2009

Subject: FMC Potential Partnership Meeting

All,

Todd McGee with FMC BioPolymer will be on campus at the Corporate Relations Conference Room in the Centeq building on Tuesday October 20th from 8-2pm. I have the conference line reserved for those off campus. Below are his interest. This could have significant sponsored research potential. Please make arrangements to attend. I will make individual contact on what topic areas you will need to discuss.

Please let me know your availability by tomorrow Wednesday October 7th at 5 pm. le: if you have a class that day I need to schedule around.

From Todd:

Where I would see next steps going, for example with sorghum, is to understand how we can extract from sorghum the fiber, minerals and protein and potentially supply it and some revised recipes for food companies. Might be very interesting for companies supplying things like muscle milks, meal replacement systems, gluten free baked goods, etc.

Only addition if not already part of it, would be to cover anything you know about nutrients in seaweeds (properties, potential health and nutrition benefits, extract-ability).

Fundamentally we supply food and nutraceutical ingredients and delivery systems, so anything that will help our customers add additional value to their products are a potential fit for us.

Thank you,

Kendra Zak

Administrative Assistant

AgriLife Corporate Relations

1500 Research Pkwy Suite 100

College Station, TX 77845

office: 979-845-4281

cell:

fax: 979-458-2155

kzak@tamu.edu

From: To: CC: Date: Subject:	"McCutchen, Bill" <bmccutchen@tamu.edu> PLSchuerman.EXTERNAL.Internet; TMILLER@ag.tamu.edu; DBaltensperger@ag.ta JASlovacek.EXTERNAL.Internet; RVAvant.EXTERNAL.Internet 5/12/2009 7:22 PM Fw: follow up of our dialog</bmccutchen@tamu.edu>		
David, Peter and	d Travis,		
I know this is late	e notice but we just found a time slot for telecon to discuss Castor with Kish and others.		
Can you potentia	ally join us?		
Jackie will forwa	rd you the request and one-pager from Kish. I believe there maybe significant potential.		
Thanks,			
Bill Bill			
	Bill; ' < 'rsq@biology2.wustl.edu'		
Kish:			
	work on Monday? Bill Mc has a unit review that last until 11:00 am and another review 0 pm so his only availability on Monday, May 18th would be 11:00 am until 2:00 pm.		
Let me know if the	nis will work with your schedule.		
Thanks			
Jackie			
Jackie Slovacek			
Assistant to the	Associate Director		
Texas AgriLife R	Research		

113 Jack K Williams Administration Bldg College Station, Texas 77843-2142

979.845.7980

979.458.4765 Fax

From: McCutchen, Bill

Sent: Monday, May 11, 2009 6:09 PM

To: ' 'rsq@biology2.wustl.edu'
Cc: ' Avant, Bob; Slovacek, Jackie

Subject: Re: follow up of our dialog

Kish,

Jackie will check on dates and times and help arrange.

Again, safe travels.

Bill

From: <

To: McCutchen, Bill; rsq@biology2.wustl.edu <rsq@biology2.wustl.edu>

Cc: Avant, Bob; Slovacek, Jackie

Sent: Mon May 11 13:58:33 2009 Subject: Re: follow up of our dialog

Hi Bill .. Would you and your team be in a position to talk to Ralph and myself next monday either before 10 AM or after 1:45 PM. Please let me know. If Monday does not work for you, please let me know the day (next week) and approximate times that would work.

Best wishes,

Kish

----Original Message-----

From: McCutchen, Bill

smccutchen@tamu.edu> To: rsq@biology2.wustl.edu

Cc: Avant, Bob Avant, Bob Bob <a href=

Sent: Fri, 8 May 2009 12:02 pm Subject: Re: follow up of our dialog

Thanks Fish. Let us know and Jackie can help arrange.

Safe travels.

Bill

From: <

To: rsq@biology2.wustl.edu <rsq@biology2.wustl.edu>; McCutchen, Bill

Cc: Avant, Bob; Slovacek, Jackie

Sent: Fri May 08 04:09:33 2009 Subject: Re: follow up of our dialog

That is great Bill. Why don't Ralph and I coordinate our schedules next week and get back to you. I am travelling to Argentina on tuesday PM but may be we can at least have a brief call and have a more detailed followup week after next when I am back in US. At the moment I am in Asia.

Best, Kish

----Original Message-----

From: Ralph Quatrano <rsq@biology2.wustl.edu>

To: McCutchen, Bill
 bmccutchen@tamu.edu>; G. Kishore <

Sent: Thu, 7 May 2009 6:19 pm Subject: Re: follow up of our dialog

Bill

I am relatively free the afternoons of Tuesday and Wednesday next week, but starting that evening, it is graduation here the rest of the week and I am on call! How do those times coincide with some openings with your schedules?! KISH !!??

Ralph

--

Ralph S. Quatrano, Ph.D.
Spencer T. Olin Professor of Biology
Dean of the Faculty of Arts & Sciences
1 Brookings Drive, CB 1094
Washington University in St. Louis
St. Louis, MO 63130-4899
(314) 935-6820 (phone)
(314) 935-8504 (fax)
http://www.biology.wustl.edu < http://www.biology.wustl.edu/>

From: "McCutchen, Bill" <bmccutchen@tamu.edu>

Date: Thu, 7 May 2009 18:53:50 -0500

To:

Cc: "Avant, Bob" <bayant@tamu.edu>, "Slovacek, Jackie" <j-

slovacek@tamu.edu>

Subject: Re: follow up of our dialog

Kish and Ralph,

Just an update. We are continuing internal discussions, and in fact, we have a telecon with our primary oilseeds/castor team later next week.

May I ask the time sensitivity on providing you a solid answer?

Please know that we are very interested, but understand that many of our key admin and faculty are immersed in student finals and closing of semester. I am also right in the middle of reviewing all 36 AG units - both on and off campus.

That said, we will follow through, and may I suggest that the 4 of us have a telecon next week? We can certainly provide you an overview of our RD program.

rnanks,			
Bill			

From: To: McCutchen, Bill

Cc: Avant, Bob

<

Sent: Sat May 02 19:00:22 2009 Subject: Re: follow up of our dialog

Thanks Bill .. I am happy to do so. After you have the internal dialog, let us huddle on the phone and then discuss the broad outlines of what you could offer and how we can advance the effort. Dr. Ralph Quatrano, one of the Founders of Mogene LC and Dean of Wash U is also copied on the email. We are both interested in pulling together a program that can deliver on US and global needs of energy, materials, economic development in a sustainable manner. If you can give me an update sometime during the coming week, we can have a brief call on either monday or tuesday of the following week. Best wishes,

Kish

----Original Message-----

To:

Cc: Avant, Bob <bayant@tamu.edu>

Sent: Sat, 2 May 2009 9:24 am Subject: Re: follow up of our dialog

Kish,

I apologize as well for tardiness. We just finished hosting the University and Industry Consortium meetings at TAMU for the past several days, and I am just now catching up on email.

I have discussed this with Bob Avant (our Corporate Relations and Bioenergy Director), and we plan to follow-up with you soon.

Again sorry for delay and please know that we are having internal discussions with key players.

Best regards and you should plan to come visit us. We have tremendous faculty and RD in many different disciplines.

Bill		
From: To: McCutchen, Bill Cc: Sent: Wed Apr 29 0 Subject: follow up o	0:26:48 2009	
sunday nite since of and today. In any of know. If you feel co involved. If you fee	ur email system was ase, please review t omfortable, you can s	og on Sunday. I am sorry I could not send you the abstract on down and I got very busy with our partners meetings yesterday he attached doc and if you have any comments, please let me share it with breeders and other key players you feel should be Chevron, please let me know who we should contact and I am articipation.
		shopping in your closet instead http://www.stylelist.com/spring-oset?ncid=emlweusstyl00000001 !
		o shopping in your closet instead http://www.stylelist.com/springoset?ncid=emlweusstyl00000001 !
		e time and money on AOL Shopping ifts-for-mom?ncid=emlweinstor00000003>.
We found the real li	Hotal California' and	the 'Sainfald' dinar What will you find? Evalore Whatalts At com

We found the real 'Hotel California' and the 'Seinfeld' diner. What will you find? Explore WhereltsAt.com http://www.whereitsat.com/?ncid=emlwenew00000001 .

To: brummettr@tamu.edu; PLSchuerman.EXTERNAL.Internet; RVAvant.EXTERNAL.Inte...

Date: 8/30/2009 11:10 AM **Subject:** Fw: funding opportunity

FYI and please see note below.

Lloyd, how much RD and funding is providing to you currently? I would not release any novel discoveries and/or IP.

In fact, we might want to think about discontinuing RD if we align with another major industry/competitor - knowing that we are seeking substantial increases in RD funding and more favorable terms, i.e. we may end up as "competitors" to the

Thanks, Bill

From: McCutchen, Bill

To:

Sent: Sun Aug 30 10:54:53 2009 Subject: Re: funding opportunity

Bob,

Based on this email correspondence, I assume that you and or not interested in pursuing since you have excellent partners lined-up already.

If that is the case, we understand. We just wanted to receive final closure on any potential collaborative RD and commercialization bw our organizations so that we can aggressively pursue other interests.

Best regards and good luck.

Bill

From:

To: Bill Rooney <wlr@tamu.edu>

Cc: McCutchen, Bill; 'Lloyd Rooney' < Irooney@tamu.edu>; Baltensperger, David;

Sent: Thu Aug 27 09:56:16 2009 Subject: Re: funding opportunity

Hi Bill. We thank you for contacting us. As you may know, I think it was unfortunate (and likely a mistake) that we are not working together. I have learned over many years that you go with someone with good experience and passion for the subject. Innovation is another key ingredient. The latter cannot be duplicated very easily. Texas funding or not, we are proceeding to do research on the health front for not only cancer but heart disease and diabetes as well. Of course, the cornerstone to our program is consumer products made available to the market so that we may make a significant contribution to the public and support our effort financially. We have been in contact with our friends at MD Anderson, Columbia University Medical Center and our old friends, scientists at Brandeis University. We have a strong level of confidence and trust in the Rooney's as well as Texas A&M and would be delighted to

explore how we may work together at this point in time.

PS The sorghum we grew and research program.

purchased from you, will be part of this

On 8/26/09 7:06 PM, "Bill Rooney" <wlr@tamu.edu> wrote:

When we finished our discussions in June, we indicated that we were waiting on some health opportunities to develop. One specifically mentioned by Dr. Bill McCutchen was a cancer research funding opportunity. Well, that funding opportunity is now been published and I'm attaching the file for your information.

We are reading the request and assessing the potential viability of submitting a sorghum-focused proposal. If we do so, we will be looking for corporate involvement. We wanted to make you aware and give you a chance to consider the opportunity. I'm sure there is more to inform you of, but it might be easier to discuss the details in a phone call.

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

To: r-lacewell@tamu.edu; ahelms@tamu.edu; dick.auld@ttu.edu; JMoore@ag.tamu....

Date: 11/6/2009 2:09 PM **Subject:** Fw: Fw: Castor dialog

Is castor considered a specialty crop? If so GMO castor minus ricin could be a interesting proposal for SCRI - due in January. Could also be of interest to USDA, NSF, DOE, DOD, Chevron, Dow and/or others.

Bill

From: McCutchen, Bill

To: 'tmiller@ag.tamu.edu' <tmiller@ag.tamu.edu>; Baltensperger, David; 'jmoore@ag.tamu.edu'

<jmoore@ag.tamu.edu>; Avant, Bob; 'dick.auld@ttu.edu' <dick.auld@ttu.edu>

Cc: Slovacek, Jackie; Zak, Kendra Sent: Fri Nov 06 13:54:07 2009 Subject: Re: Fw: Castor dialog

Travis and Dick,

Any chance that we can borrow your slides for this visit? Except for slides that give detail RD / data results from Chevron sponsorship. A general overview of our capabilities, capacity, regions (Pecos), etc. would be most helpful. Please send to David B. and Jaroy.

I suspect one of the topical areas that they

That's great but how do we secure the funding?

Thanks,

Bill

From: Travis Miller <tmiller@ag.tamu.edu>

To: Baltensperger, David; Jaroy Moore <JMoore@ag.tamu.edu>; Avant, Bob; McCutchen, Bill; td-

miller@tamu.edu <td-miller@tamu.edu>; dick.auld@ttu.edu <dick.auld@ttu.edu>

Cc: Slovacek, Jackie; Zak, Kendra Sent: Fri Nov 06 10:59:27 2009 Subject: Re: Fw: Castor dialog

I am out the week of November 16.

Travis

>>> "McCutchen, Bill" <bmccutchen@tamu.edu> 11/6/2009 9:41 AM >>>

Please see email below. Any chance that we can pull this off the week of the 16th? I think it would be worth our time to meet.

I will be in Mc Allen for Zebra Chip Meetings and then Beaumont for CORD; so I can't attend.

Bill

From: McCutchen, Bill To: ' <

Sent: Fri Nov 06 09:34:14 2009 Subject: Re: Castor dialog

Kish,

I will see if we can align some schedules and get back to you.

Bill

From: <

To: McCutchen, Bill

Sent: Fri Nov 06 02:20:10 2009

Subject: Castor dialog

Hi Bill .. Hope all is well. I am afraid I dropped the ball on castor during the summer months. I was wondering if I could bring along a company committed to castor improvement and visit you at College Station in mid November. Could you please let me know if you and your castor team can spend half a day in an informaion sharing session? If there are better days around Mid November, please let me know it will have to be the week of Nov 16th but not on Nov 19th.

Best wishes,

Kish

To: DBaltensperger@ag.tamu.edu; JHGould.EXTERNAL.Internet

Date: 4/22/2009 1:25 PM

Subject: FW: FW: Jorge Replacement

Attachments: Plant Geneticist Assoc Prof or Prof Announcement.doc

Feedback from HR on PD.

Bill

----Original Message-----

From: J. Michael Gould [mailto:jmgould@tamu.edu]

Sent: Monday, April 20, 2009 6:21 PM To: Baltensperger, David; McCutchen, Bill

Cc: Dugas, William

Subject: Re: Jorge Replacement

Attached is a draft PD and Announcement for the position Jorge vacated. We can discuss on the Wednesday teleconference.

Mike

Per my phone message, we are ready to proceed with Jorge's replacement and will work with you, SCS and others to expedite the process.

We need a position description from you as soon as possible. I believe we also have a telecon set to discuss your proposed next steps.

Thanks,

Bill

To: RVAvant.EXTERNAL.Internet; DBaltensperger@ag.tamu.edu

Date: 1/25/2009 10:51 AM

Subject: Fw: Fwd: RE: DOE -- Valero

David and Bob,

Sorry. Here's the text.

Thanks very much in providing this update and these are potential opportunities for us to pursue.

I believe could be a perfect fit for Beaumont area to include GxE selections. Would Valero consider leading a pilot-plant at Beaumont and collaboration with campus?

Before any serious discussions, we have some IP/FTO/partner relationships to consider for We hope to resolve as quickly but more importantly with correct strategies. Right now we are waiting on Ceres and Chevron to make internal decisions.

Valero has also expressed interest in production of biofuels. We may have two options with DOE and corporate partners to include CC and Pecos stations - perhaps with GA or others.

Can the 3 of us touch base early next week? Significant opportunities and we need to navigate carefully.

Thanks for sending update.

Bill

----- Original Message -----From: McCutchen, Bill To: Baltensperger, David

Cc: Avant, Bob

Sent: Sun Jan 25 10:44:43 2009 Subject: Re: Fwd: RE: DOE -- Valero

---- Original Message -----

From: David D Baltensperger <dbaltensperger@ag.tamu.edu>

To: Juerg M Blumenthal <JBlumenthal@ag.tamu.edu>; Adam Helms <ahelms@tamu.edu>; Avant, Bob;

McCutchen, Bill; Travis Miller <td-miller@tamu.edu>; Bill Rooney <wlr@tamu.edu>

Sent: Fri Jan 23 16:17:41 2009 Subject: Fwd: RE: DOE -- Valero

An update from Valero.

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

Phone 979-845-3041 Fax 979-845-0456 Email dbaltensperger@ag.tamu.edu >>> "Gillingham, Jim"

1/23/2009 12:53 PM >>>

Thanks David. We are aware of this one of many opportunities and are actually involved with at least one project which will seek an award.

If you have anything in particular you are working on where we might collaborate, we are all ears.

We received recently a commercial offering for a biomass pyrolysis plant that we were considering as a way of providing renewable fuel oil to our refining complexes. One of our ideas was to use TAMU crops to feed it.

I also saw an article in the Beaumont Enterprise a few weeks ago with a picture of Mike Douget showing how his 20 acre test plot of Texas Agrilife had weathered the Ike hurricane well.

It might be a good idea for us to get an update on your

growth programs.

So I will be out of the office for about 3 - 4 weeks, but I expect to start taking calls and emails probably by Feb 20.

Thanks.

Jim

----Original Message-----

From: David D Baltensperger [mailto:dbaltensperger@ag.tamu.edu]

Sent: Tuesday, January 13, 2009 10:08 PM

To: Gillingham, Jim Subject: DOE

Jim,

Just wanted to touch base with you.

We talked about increasing our interaction in the bioenergy arena. I saw this grant RFP and thought it might be an opportunity for further partnership as we move forward.

Let me know if you have any interest in following up on it or wish to further discuss other opportunities.

Happy New Year?

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

Phone 979-845-3041 Fax 979-845-0456 Email dbaltensperger@ag.tamu.edu

To: WLRooney.EXTERNAL.Internet

CC: CNessler.EXTERNAL.Internet; BMCCONNE@ag.tamu.edu; DBaltensperger@ag.tamu...

Date: 11/14/2009 8:06 AM

Subject: Fw: Fwd: Texas Public Information Act Request -AR-2009-012

Attachments: Texas Public Information Act Request

Here's the attachment. Again sorry for the intrusion. We are hoping that AG's office will rule on other inquiries soon. If you need assistance (\$ for individual) to help facilitate, the Director's office will help out.

---- Original Message -----

From: Bill McConnell < w-mcconnell@tamu.edu>

To: Baltensperger, David; Jaroy Moore <JMoore@ag.tamu.edu>

Cc: McCutchen, Bill; Dugas, William Sent: Fri Nov 13 16:37:42 2009

Subject: Fwd: Texas Public Information Act Request -AR-2009-012

Dr. Baltensperger and Dr. Moore,

Texas AgriLife Research has received the attached request for public information from Mr. Edward Hammond. Dr. McCutchen asked that I forward the request to you as individuals who may have or know of records responsive to this request. Would you please review your records (Texas AgriLife Research records) and identify information that may be responsive to this request?

Please let me know if you have questions.

Bill McConnell Assistant Agency Director Texas AgriLife Extension Service 104E Jack K. Williams Administration Bldg. College Station, Texas 77843-7101 Voice: (979) 862-1524

Fax: (979) 845-9542

E-mail: w-mcconnell@tamu.edu

To: DBaltensperger@ag.tamu.edu

Date: 5/23/2010 10:38 AM

Subject: Fw: Fwd:

Attachments: Andy_peanut_cv.doc

David,

Now you know as much as me, but we can still talk if you want.

Bill

From: Hussey, Mark

To: Nessler, Craig; McCutchen, Bill Sent: Wed May 19 05:26:26 2010

Subject: Fw: Fwd:

FYI. Please let me know your thoughts ASAP and I will respond to Andy with your contact information.

Mark

To: Hussey, Mark

Sent: Tue May 18 21:54:23 2010

Subject: Fwd:

forgot attachment

Date: Tue, 18 May 2010 22:42:35 -0400

To: MarkHussey

Subject: Cc: Bcc:

X-Attachments:

Dear Mark,

Hope you are well, it has been too long! Nice to see you got Russell back, although I was sorry to see him leave Mendel \dots

I am writing to request your assistance in persuading the US Department of Energy Joint Genome Institute (JGI) to sequence the peanut (groundnut) genome under its "Community Sequencing

Program (CSP)." I believe the time has come for peanut because there is growing recognition of its importance as a drought tolerant oilseed (indeed with among the highest "oil yields" of any crops, and being the original source of diesel), because it is an important missing piece in the puzzle of legume evolution, and because supporting genomics resources including a physical map will soon be released. A private foundation intends to partially defray the sequencing of peanut (keeping all results in the public domain), and I think there is a good chance of getting the remainder of the sequence needed from the JGI.

CSP proposals only permit 10 names on the cover sheet -accordingly I am asking individuals to participate such as yourself, who can represent entire key institutions and research programs.

Please let me know by return email if you are willing to participate (so I can approach others if you are not). In the happy event that you can help, what I need from you by 25 May (Weds) is the following:

- 1. A short (2 page) cv while there is no specific format required, the format that I am using is attached as an example.
- 2. A ~1 paragraph description of the institutions/programs/projects that you oversee, also including:
 - a. approximate annual research expenditures on peanut,
- b. approximate FTEs (full-time-equivalent personnel) per year engaged in peanut research, and the names of some of the more prominent personnel;
 - c. major current grants (total dollar value, start/end dates, sponsor)
 - d. major pending grants (" " ")

Details of annual research expenditures and research funding are especially important - a major factor in the JGI's consideration is the scope of non-JGI investments in the target organism.

In addition, I will invite you to edit a near-final draft of the proposal, which I hope to email on 26 May (hence it is important that I receive your information by 25 May). The proposal must be submitted on 28 May, so this will involve a rather short turnaround.

Thank you for your efforts to take peanut/groundnut "to the next level."

Andrew Paterson

Andrew Paterson

Distinguished Research Professor and Director Plant Genome Mapping Laboratory University of Georgia 111 Riverbend Road, Rm 228, Athens, GA 30602 (for UPS deliveries the zip code is 30605) Phone 1-706-583-0162; Fax 1-706-583-0160; Email paterson@uga.edu Web site: http://www.plantgenome.uga.edu/

Program Coordinators:

Ailie F. Byers, 706-583-0166, ailie@uga.edu

Melissa D. Brock, 706-583-0161, mbrock@uga.edu

--

Cheers,

Andrew Paterson

Distinguished Research Professor and Director Plant Genome Mapping Laboratory University of Georgia 111 Riverbend Road, Rm 228, Athens, GA 30602 (for UPS deliveries the zip code is 30605)

Phone 1-706-583-0162; Fax 1-706-583-0160; Email paterson@uga.edu Web site: http://www.plantgenome.uga.edu/

Program Coordinators: Ailie F. Byers, 706-583-0166, ailie@uga.edu Melissa D. Brock, 706-583-0161, mbrock@uga.edu

To: DBaltensperger@ag.tamu.edu; PLSchuerman.EXTERNAL.Internet; RVAvant.EXTER...

Date: 4/28/2009 6:31 PM **Subject:** Fw: Gasoline additives

Travis,

Any idea on make-up of chemistry in our that fit in this category?

Bill

---- Original Message -----

From: Mark Holtzapple <m-holtzapple@tamu.edu>

To: McCutchen, Bill

Sent: Tue Apr 28 14:17:54 2009 Subject: RE: Gasoline additives

Bill,

The major components of gasoline are hydrocarbons with a carbon number around 8. There are some C4 compounds and some C12, but not much beyond that.

The gasoline needs to have a high octane rating, which means they try to put aromatics in the fuel (which have a high octane number). There is a limit on the amount of benzene and other carcinogens.

The aromatics are roughly 50% of the mix with about 50% as linear and branched hydrocarbons.

They also add a small amount of additives that keep fuel injectors and valves clean. Each company has their own additive package, such as Techron, V-Power, etc.

I hope this is what you were looking for and that I answered your question.

Thanks,

Mark

----Original Message-----

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

Sent: Sunday, April 26, 2009 8:52 AM To: mth4500@chemail.tamu.edu Subject: Gasoline additives

Mark,

What are the major components in gasoline additives? I have searched the web for some information. It appears that longer chain hydrocarbons - saturated and unsaturated - might be important components. I am no expert here so I was hoping you could enlighten me.

Thanks and see you Tuesday for UIC visit and tour.

Bill

To: JHurley@tamu.edu; BlakePetty@tamu.edu; WLRooney.EXTERNAL.Internet; LRoon...

CC: DBaltensperger@ag.tamu.edu; JTKeeton.EXTERNAL.Internet; DKLunt.EXTERNAL....

Date: 12/29/2009 10:19 AM
Subject: Fw: MD Anderson Proposal

See email string below please. Do you happen to know the Pls/group at MDA that might be interested in sorghum-based chemistry? Should we pursue independently and/or with a corporate partner?

I would like to visit with General Mills, etc. before we meet to make any potential alliances/commitments with industry partners.

Happy Holidays!

Bill

From: McCutchen, Bill

To: >; 'p-schuerman@tamu.edu' <p-schuerman@tamu.edu> Cc: '

; Avant, Bob

Sent: Mon Dec 28 22:12:27 2009 Subject: Re: MD Anderson Proposal

We have not forgotten you at all, and sorry for the delayed response.

Just know that we have been busy. Also and to be honest, we have received interests and visits from a couple of other parties. We took your advice and grabbed the bull by the horns.

If you want we should reconnect after the holidays. Yes, we would be interested in a relationship with MDA, and no, we have not heard back from the State yet.

Happy Holidays!

Bill

From:

To: McCutchen, Bill; Peter Schuerman <p-schuerman@tamu.edu>

Cc:

Sent: Sat Dec 19 12:55:13 2009 Subject: MD Anderson Proposal

I heard from MD Anderson about a proposal for supporting cancer research with dietary sorghum . I wondered if you would have any interest in learning about this opportunity. Is there any news about your own proposal to the state for such research?

I hope this note finds you both well and that you enjoy the upcoming holiday season. Best regards.

To: DBaltensperger@ag.tamu.edu; CNessler.EXTERNAL.Internet CC: JSlovacek.EXTERNAL.Internet; BMCCONNE@ag.tamu.edu;

WLRooney.EXTERNAL.Int...

Date: 6/10/2010 5:55 PM

Subject: Fw: meeting on public information requests

Craig and/or David,

We are going to try the civil approach. Do you want to join us?

Bill

From: Moore, Brooks

To: hammond@sunshine-project.org <hammond@sunshine-project.org> Cc: McConnell, Bill; Bill Rooney <wlr@tamu.edu>; McCutchen, Bill

Sent: Thu Jun 10 17:31:34 2010

Subject: meeting on public information requests

Mr. Hammond:

Thank you for speaking with me about your requests to System Offices and AgriLife Research. As we discussed, representatives from AgriLife (Bill McConnell, Bill Rooney, possibly Bill McCutchen if he is available) would like to meet to discuss your requests and how we can assist you in obtaining the requested information, to the greatest extent possible.

Please let me know if you are interested and possible dates of availability so that we can get something scheduled. Thank you for your assistance.

Sincerely,

Brooks Moore

R. Brooks Moore Assistant General Counsel Campus Mail Stop 1230 A&M System Building, Suite 2079 200 Technology Way College Station, TX 77845-3424 (979) 458-6120 (979) 458-6150 - facsimile Public-Information@tamu.edu <mailto:Public-Information@tamu.edu>

To: DBaltensperger@ag.tamu.edu; CNessler.EXTERNAL.Internet

Date: 6/10/2010 6:59 PM

Subject: Fw: meeting on public information requests

I have no problems whatsoever being there. Do I suggest you would be present as well?

Bill

---- Original Message -----

From: Edward Hammond hammond@sunshine-project.org

To: Moore, Brooks

Cc: McConnell, Bill; Bill Rooney <wlr@tamu.edu>; McCutchen, Bill

Sent: Thu Jun 10 18:43:10 2010

Subject: Re: meeting on public information requests

Dear Mr. Moore:

It was good to speak to you today. As I have previously indicated to Texas Agrilife, and to you on the telephone today, I welcome a dialog on my information requests and the issues that they raise.

Having said that, I don't believe that mutual understanding will be well served in the long run by restricting the scope of the discussion to solely what you suggest below (even though it would be a good starting point).

So I agree in principle to scheduling a discussion, pending hearing directly from Agrilife representatives as to their view of what the parameters would be to such a discussion.

For example, discussing information requests for passport data (for example) per se may not be very productive in the absence of an exchange of perspectives on Agrilife's sorghum research program and certain issues related to access and benefit sharing in agricultural genetic resources.

I would also view the attendance of Mr. McCutchen, as a person in a position to discuss institutional policies in this regard, as important to the potential meeting. That's particularly the case since I live five hours away from College Station, have a 1998 truck with a bad transmission, and am not crazy about making a 10 hour trip in vain.

Thank you again for your e-mail. I look forward to a response from Texas A&M Agrilife.

Sincerely,

Edward Hammond

On 10/06/2010 17:31, Moore, Brooks wrote:

> Mr. Hammond:

_

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> AgriLife Research. As we discussed, representatives from AgriLife (Bill > McConnell, Bill Rooney, possibly Bill McCutchen if he is available) > would like to meet to discuss your requests and how we can assist you in > obtaining the requested information, to the greatest extent possible. > Please let me know if you are interested and possible dates of > availability so that we can get something scheduled. Thank you for your > assistance. > Sincerely, > Brooks Moore > R. Brooks Moore > Assistant General Counsel > Campus Mail Stop 1230 > A&M System Building, Suite 2079 > 200 Technology Way > College Station, TX 77845-3424 > (979) 458-6120 > (979) 458-6150 - facsimile > Public-Information@tamu.edu <mailto:Public-Information@tamu.edu>

To: DBaltensperger@ag.tamu.edu

Date: 6/10/2010 7:14 PM

Subject: Fw: meeting on public information requests

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

To: 'hammond@sunshine-project.org' <hammond@sunshine-project.org>; Moore, Brooks

Cc: McConnell, Bill; 'wlr@tamu.edu' <wlr@tamu.edu>; Slovacek, Jackie

Sent: Thu Jun 10 19:04:48 2010

Subject: Re: meeting on public information requests

Mr. Hammond,

I would be more than willing to join in these discussions. I will make myself available. Please know that my schedule is hectic, and "it" may cause undue delays depending on the urgency of such a meeting. For example, I am out of the office all of next week.

That said, I (we) look forward to having these discussions and identifying the most pressing issues. To this point, it would be extremely helpful if you could provide us with an agenda of topics that you would like to discuss.

I drive a beat-up F150 too.

Sincerely,

Bill

---- Original Message -----

From: Edward Hammond hammond@sunshine-project.org

To: Moore, Brooks

Cc: McConnell, Bill; Bill Rooney <wlr@tamu.edu>; McCutchen, Bill

Sent: Thu Jun 10 18:43:10 2010

Subject: Re: meeting on public information requests

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Sincerely,

Edward Hammond

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> Mr. Hammond:

>

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>

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- > availability so that we can get something scheduled. Thank you for your
- > assistance.

>

> Sincerely,

>

> Brooks Moore

>

- > R. Brooks Moore
- > Assistant General Counsel
- > Campus Mail Stop 1230
- > A&M System Building, Suite 2079
- > 200 Technology Way
- > College Station, TX 77845-3424
- > (979) 458-6120
- > (979) 458-6150 facsimile
- > Public-Information@tamu.edu <mailto:Public-Information@tamu.edu>

>

To: DBaltensperger@ag.tamu.edu; JSweeten@ag.tamu.edu; CNessler.EXTERNAL.Inte... ahelms@dsmail.tamu.edu; RSBrown@ag.tamu.edu; JSlovacek.EXTERNAL.Internet...

Date: 2/8/2010 10:04 AM

Subject: FW: Meeting with AgriLife Research

FYI.

John and David, can you help arrange a meeting in College Station (or better yet Webex) to discuss these matters with Rodney Mossier and (internal) SGAC members. Might want to ask Rodney who else he wants to attend. Is he at TSTA meetings?

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

----Original Message-----

From: SHAPIRO, JOSEPH A [AG/1000] [mailto:joseph.a.shapiro@monsanto.com]

Sent: Monday, February 08, 2010 9:02 AM

To: Steve Brown; McCutchen, Bill; John Sweeten; Hurley, Janie C. Cc: Adam Helms; Avant, Bob; ISAKSON, PAUL J [AG/1000] Subject: RE: Meeting with AgriLife Research

Steve, Bill, John and Janie:

It was a pleasure to meet all of you and your colleagues at College Station last week. Thanks very much for the generous Texas hospitality, and for the time spent in open and candid conversation about the opportunity to collaborate. We were very impressed to understand about the Texas AgriLife Research system and facilities, and to get a strong positive sense about the collaborative Wheat effort and pipeline developed by Jackie Rudd, Amir Ibrahim, Joseph Awika, Dirk Hays and your other Scientists. We see great mutual benefit in working together to advance Wheat in the Southern Plains and elsewhere, and we look forward to getting started with the next steps.

Best regards, Yossi Shapiro

Lead, Wheat Breeding Monsanto St. Louis Desk: 314-694-2921 Cell: 314-452-5614

----Original Message-----

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

Sent: Friday, February 05, 2010 2:02 PM

To: SHAPIRO, JOSEPH A [AG/1000]; ISAKSON, PAUL J [AG/1000] Cc: Adam Helms; Bob Avant; bmccutchen@tamu.edu; John Sweeten;

JHurley@tamu.edu

Subject: Meeting with AgriLife Research

Dear Yossi and Paul,

On behalf of all of the AgriLife Research team, I would like to express our thanks for your time on Wednesday to discuss the Monsanto wheat model and explore mutual opportunities for collaboration on wheat improvements. I am sorry that John Fenderson was unable to attend but I expect that I will get the opportunity to visit with him at the Texas Seed Trade Production & Research Conference next week. Perhaps John and I can continue the conversation that we started regarding methods for WestBred to increase presence in Texas markets.

As a follow-up, we look forward to receiving the slide sets that were used in your presentations. With your permission, we may wish to use portions of the slide set you described as being non-confidential material to further our internal discussions with researchers, administrators, and stakeholders.

With the confidential slide set of your proposed model, I would like to be able to share that with Dr. Nessler (Director of AgriLife Research), Bob Avant and Adam Helms (AgriLife Corporate Relations - both unable to attend the Wednesday meeting due to illness), John Sweeten (Chairman of the Small Grains Advisory Committee) and a couple of other key internal team members of our wheat programs. We understand the confidential nature of this slide set and will share it only with those on a need to know basis. All will be AgriLife personnel and are covered under our existing NDA.

Once you have developed the 'term sheet' that you mentioned, please feel free to send it to Janie Hurley or me.

I hope that the overview of some of our programs were helpful in identifying some of the near term areas of interest for mutual collaboration. As we further our discussions, I am sure that we will identify additional opportunities.

Thanks once again and we look forward to furthering our discussions toward the goal of establishing a long term collaborative relationship which will ultimately benefit the wheat producers of Texas and beyond.

Regards,

Steve Brown Program Director Texas Foundation Seed Service Email: rsbrown@ag.tamu.edu PH: 940-552-6226 website http://tfss.tamu.edu FAX:940-552-5524

.....

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To: DKLunt.EXTERNAL.Internet; CNessler.EXTERNAL.Internet; DBaltensperger@ag....

Date: 7/8/2010 12:11 PM

Subject: Fw: Meeting with Karen Newell - Fatty Acid Oxidation Inhibitors and Herbicides **Attachments:** Newell's Algae Poster.ppt; Algae and Biofuel White Paper.pdf; moa-herbicide

s.gif

FYI

From: McCutchen, Bill

To: ron-lacey@tamu.edu <ron-lacey@tamu.edu>; Senseman Scott A <s-senseman@tamu.edu>; pbaumann@ag.tamu.edu <pbaumann@ag.tamu.edu>; syuan@tamu.edu <syuan@tamu.edu>; Tim Devarenne (tpd8@tamu.edu) <tpd8@tamu.edu>; quigga@tamug.edu <quigga@tamug.edu>; lrbrown@ag.tamu.edu <lrbrown@ag.tamu.edu>

Cc: Avant, Bob; Cornwell, Brett L.; Slovacek, Jackie; Zak, Kendra; Simpson, Shay; Jaklevic, Burnley E.;

Howell, Bill; Schuerman, Peter L. Sent: Thu Jul 08 11:35:06 2010

Subject: Meeting with Karen Newell - Fatty Acid Oxidation Inhibitors and Herbicides

All,

We are setting a meeting with Dr. Karen Newell, whom is a new hire to the HSC-TAMUS. Although most of her R&D is in the medical field, she has done extensive and related R&D with algal species. Karen was one of the recipients of the recent ETF funds for Bioenergy that we submitted. With her recent funding and her interest in maximizing oil production in algae, we wanted to get this group together to also discuss herbicide, growth regulators, etc. potential for maximizing oil production in algae to include potential lysis and extraction. This meeting will be very informal and is being set to have open discussion on new ideas and areas of research. I have included a couple of attachments about Karen's RD in this area for your perusal. I have also posted "the periodic chart" for herbicide modes of action that we may want to screen in high-throughput settings following these discussions.

I would like to ask all of you for your interest and participation in a half-meeting on July 23rd starting at 10:30-3:00 in the Corporate Relations (100 A Centeq). Yes lunch will served. Please let Jackie, Kendra and me know if you can attend this meeting. We will also set up web-conference for those that want to attend from distant locations.

The tentative agenda is as follows:

- * Bob Avant 20 min overview of big picture RD to commercialization maximize oil and biomass production and oil separation
- * Lacey and Lou Brown growth, harvesting and extraction overview of algae at this point
- 40 mins * Senseman / Baumann -

*	Newell -	1.5 hrs of	oxomate RD	to date and	next stens
	IACMCII -	1.5 1115 01	UNUITIALE IND	to date and	HEVI SIEDS

* General discussion and next steps for high throughput screens and pilot lab/ small scale field studies.

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

To: JMoore@ag.tamu.edu; DBaltensperger@ag.tamu.edu
CC: RVAvant.EXTERNAL.Internet; WDugas.EXTERNAL.Internet

Date: 3/31/2009 5:22 PM

Subject: Fw: Monsanto and AgriLife Research Announcement-EMBARGOED INFO

Attachments: REVISED key messages & Q&A 3-30-09.doc

Not sure why you weren't on original email.

Bill

---- Original Message -----

From: Kathy Koza <kkoza@ag.tamu.edu>

To: Ted Wilson Ted Wilson@aesrg.tamu.edu>; Juan Landivar <JALandivar@ag.tamu.edu>; Joe Cox <JCox@ag.tamu.edu>; Thomas J Gerik tegrik@brc.tamus.edu>tegrik@brc.tamus.edu>tegrik@brc.tamus.edu; Cornejo@tamu.edu>tegrik@brc.tamus.edu; John Sweeten tegrik@brc.tamus.edu><a href="mailto:t

Sent: Tue Mar 31 16:21:50 2009

Subject: Monsanto and AgriLife Research Announcement-EMBARGOED INFO

March 31, 2009

Monsanto and AgriLife Research will be making an announcement that will bring benefits to cotton growers during the Plains Cotton Growers' annual meeting on April 3 at the Lubbock Civic Center.

A media alert for the luncheon was released today. The official press release will be issued Friday, April 3 at noon CST.

The attached document contains key messaging and background information regarding the announcement that can be shared after the official press release is issued.

If you have any questions or need additional information, please call or email Elizabeth Gregory, Kathy Koza, Steve Byrns or Janice Person (Monsanto).

Contacts:

Steve Byrns, 325-653-4576, s-byrns@tamu.edu
Kathy Koza, 979-458-2786, kkoza@ag.tamu.edu
Janice Person, Monsanto / D&PL Public Affairs, 901-375-5656,
janice.l.person@monsanto.com, http://twitter.com/JPlovesCOTTON
Elizabeth Gregory North, 979-862-4468, e-gregory@tamu.edu

Kathy

Kathy Koza Communications Manager Texas AgriLife Research AgriLife Marketing & Communications 979.458.2786 kkoza@ag.tamu.edu

To: DBaltensperger@ag.tamu.edu CC: RVAvant.EXTERNAL.Internet

Date: 4/11/2010 9:00 PM

Subject: Fw: National Cereal Germplasm Phenotyping Program Area **Attachments:** National Cereal Germplasm Phenotyping Program Area

---- Original Message -----

From: Julie Svetlik < JSvetlik@ag.tamu.edu>

To: Avant, Bob; bl-harris@tamu.edu <bl-harris@tamu.edu>; McCutchen, Bill

Sent: Sun Apr 11 17:21:43 2010

Subject: Fw: National Cereal Germplasm Phenotyping Program Area

<<< Sent from Blackberry Handheld >>>

To: GRiskowski.EXTERNAL.Internet; DBaltensperger@ag.tamu.edu

Date: 7/7/2010 4:33 PM

Subject: Fw: Need for Short Term Consultant

Please see below. Do we have a faculty member that would be interested in such a consulting job?

Thanks. Bill

From: Monica Delisa < m-delisa@tamu.edu>

To: McCutchen, Bill

Sent: Wed Jul 07 14:33:47 2010

Subject: FW: Need for Short Term Consultant

Bill,

Do we have anyone?

Monica

From: Jim Keller

Sent: Wednesday, July 07, 2010 2:33 PM

To: Don Birkelbach; Jack O'Brien; Monica Delisa Subject: FW: Need for Short Term Consultant

If you have a faculty member that is qualified and interested , contact Randy Guschl by e-mail......Jim ${\sf K}$

From: Randolph J Guschl

Sent: Wednesday, June 30, 2010 2:22 PM

To: Jim Keller

Cc: Randolph J Guschl

Subject: Need for Short Term Consultant

Hi Jim

Long time no see. I hope you are doing well and still my prime contact for bridges to the wealth of knowledge at Texas A & M

I have a very specific need for a faculty member who can help our Solae (Soy) business within the next 90 days, probably as a consultant.

He/she would serve on a team which is reviewing two high visibility projects which will use novel processing steps on soy protein isolates.

The ideal candidates would have background in engineering(chemical/ag?) and/or agriculture and I have thought of only a few schools where Chem Eng and Ag are so closely linked as places to ask.

The ideal ideal candidate might have background and familiarity in some of the following;

- -Food and Dairy ingredients Market/industry Contacts
- -Food and Dairy processing
- -Reactions
- -Heat transfer
- -Centrifugation
- -Filtration
- -Sterilization and
- -Drying.

Basically the task would be from now until the end of September with the team fully running by the end of July. The role of the "third parties" (outside of Dupont/Solae) are critical to the assessment.

I believe the right person would be well compensated as a consultant for their time, but it might also allow for an introduction to a business unit of Dupont which could be valuable in the future.

Any ideas?

Randy

PS I need to visit soon to update what the new DuPont looks like.

Randolph J. Guschl. Ph.D.
Director
DuPont Center for Collaborative Research & Education
Experimental Station-E357/221A
P.O. Box 80357
Wilmington, DE 19880-0357
302-695-6779 Tel
Alternate 302-695-6784 (Christina Zimmerman)
302-695-6794 Fax

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http://www.DuPont.com/corp/email_disclaimer.html

To: NBPenn.EXTERNAL.Internet CC: DBaltensperger@ag.tamu.edu

Date: 8/6/2009 2:09 PM **Subject:** Fw: Norman Ventures

Please proceed and have Diane cover.

Bill

From: McCutchen, Bill To: Dugas, William

Cc: Slovacek, Jackie; Penn, Nancye B Sent: Thu Aug 06 13:09:52 2009 Subject: Re: Norman Ventures

I believe we did receive this request - some time ago while Hussey was still Director. This was an ask from SGAC, and I believe we approved, although I have no official record.

Baltensperger sent over official requests, which I believe Jackie/Nancye have.

Bill

From: Dugas, William To: McCutchen, Bill

Cc: Slovacek, Jackie; Penn, Nancye B Sent: Thu Aug 06 12:41:08 2009 Subject: RE: Norman Ventures

Bill,

Did you (I?) agree to pay this. My memory is faulty on this?

Please work w/ Nancye.

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: McCutchen, Bill Sent: Wednesday, August 05, 2009 2:27 PM To: Dugas, William Cc: Slovacek, Jackie; Penn, Nancye B Subject: Fw: Norman Ventures
Bill,
We have spoken about this in the past and have a request from SCS. Do we sign and forward the request to Diane's shop?
Thanks,
Bill
From: Diane Gilliland <d-gilliland@tamu.edu> To: McCutchen, Bill Cc: Slovacek, Jackie Sent: Wed Aug 05 14:04:59 2009 Subject: Norman Ventures</d-gilliland@tamu.edu>
Bill,
According to my records, the agreement with Norman Ventures is for a Season Land Use Agreement through the Soil & Crop Sciences Department. The amount of the agreement is \$16,666 (\$8,332.80 per year) for 2 years. Since the agreement is to support the small grains program, our understanding is that this will be paid from the Director's office. However, to date, we have not been given an account number to process payment against.
If you can provide that information, we will have the payment expedited.
Thanks.
Diane

From: David Baltensperger
To: Blumenthal, Juerg
Date: 8/12/2009 8:02 PM

Subject: Fw: NRG **Attachments:** Re: NRG

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

979-845-3041

From: David Baltensperger
To: Blumenthal, Juerg
Date: 8/12/2009 8:03 PM

Subject: Fw: NRG **Attachments:** Re: NRG

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

979-845-3041

To: WDugas.EXTERNAL.Internet

CC: RSBrown@ag.tamu.edu; JMoore@ag.tamu.edu; DCawthon@ag.tamu.edu; DBaltensp...

Date: 6/29/2009 7:17 PM

Subject: Fw: Peanut Breeding Strategic Plan

Attachments: Strategic_Plan_Peanut_BreedingRV6_24_09.doc

Dr. Dugas,

This was a request from our former Director, Dr. Hussey, to see what could be done about enhancing and preserving our peanut germplasm.

We have all reviewed an earlier version of this document, and would now like to ask for your feedback (and guidance) concerning potential next steps.

If you would like, I could arrange for a conference call for us to discuss.

Sincerely,

Bill

From: Charles Simpson <c-simpson@tamu.edu>

To: Baltensperger, David; McCutchen, Bill

Cc: Jaroy Moore <JMoore@ag.tamu.edu>; Michael R Baring <MBaring@ag.tamu.edu>; mburow@tamu.edu <mburow@tamu.edu>; cawthon@tarleton.edu <cawthon@tarleton.edu>

Sent: Mon Jun 29 16:15:33 2009

Subject: Peanut Breeding Strategic Plan

Drs. McCutchen and Baltensperger:

Attached is the Peanut Breeding Strategic Plan as revised per your comments on the early June version and with input from Drs Cawthon and Moore as well as Mark Burow and Michael Baring.

I hope we have the budget pages clarified to the point that they are usable and understandable. I apologize in advance for my lack of computer skills. The document will probably have to be saved into Microsoft Word and opened there for the columns to line up. Also, page 17 will be blank because I am not skilled enough to take it out and keep the proper format on the two budget pages.

Thank you for the opportunity to express our plan for the next few years.

Charles Simpson

for the "Team:" Burow - Baring - Simpson, and our support staff

To: DBaltensperger@ag.tamu.edu

Date: 5/22/2010 5:41 AM **Subject:** Fw: Peanut Research

David,

Do you have this under control or do we need to talk? Please let me know.

Bill

From: Nessler, Craig To: McCutchen, Bill

Sent: Thu May 20 18:01:03 2010 Subject: FW: Peanut Research

Bill, I have already sent Andy Paterson my cv but I need the information in #2. Could you follow up with David B. Friday or Monday for me. I'd like our genomics group to play in this sandbox. Thanks, Craig

----- Forwarded Message

From: Craig Nessler <cnessler@tamu.edu> Date: Wed, 19 May 2010 19:46:47 -0500

To: <dbaltensperger@tamu.edu>

Subject: Peanut Research

David,

Mark Hussey asked me to respond to Andy Paterson's email below. Do you have information relevant to #2. Note there is a quick fuse on this and I believe this will be an opportunity for your department, the agency and our genomics facility to carve off a piece of the peanut action. Thanks,

Craig

I am writing to request your assistance in persuading the US Department of Energy Joint Genome Institute (JGI) to sequence the peanut (groundnut) genome under its "Community Sequencing Program (CSP)." I believe the time has come for peanut because there is growing recognition of its importance as a drought tolerant oilseed (indeed with among the highest "oil yields" of any crops, and being the original source of diesel), because it is an important missing piece in the puzzle of legume evolution, and because supporting genomics resources including a physical map will soon be released. A private foundation intends to partially defray the sequencing of peanut (keeping all results in the public domain), and I think there is a good chance of getting the remainder of the sequence needed from the JGI.

CSP proposals only permit 10 names on the cover sheet -accordingly I am asking individuals to participate such as yourself, who can represent entire key institutions and research programs.

Please let me know by return email if you are willing to participate (so I can approach others if you are not). In the happy event that you can help, what I need from you by 25 May (Weds) is the following:

1. A short (2 page) cv - while there is no specific format required, the format that I am using is

attached as an example.

- 2. A ~1 paragraph description of the institutions/programs/projects that you oversee, also including:
 - a. approximate annual research expenditures on peanut,
- b. approximate FTEs (full-time-equivalent personnel) per year engaged in peanut research, and the names of some of the more prominent personnel;
 - c. major current grants (total dollar value, start/end dates, sponsor)
 - d. major pending grants (" " ").

Details of annual research expenditures and research funding are especially important - a major factor in the JGI's consideration is the scope of non-JGI investments in the target organism.

In addition, I will invite you to edit a near-final draft of the proposal, which I hope to email on 26 May (hence it is important that I receive your information by 25 May). The proposal must be submitted on 28 May, so this will involve a rather short turnaround.

Thank you for your efforts to take peanut/groundnut "to the next level."

Andrew Paterson

----- End of Forwarded Message

From: David D Baltensperger
To: dbaltens1@verizon.net
Date: 5/8/2009 8:41 AM
Subject: Fw: Peter Mascia
Attachments: Fw: Peter Mascia

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

979-845-3041

From: To: CC: Date: Subject:	"McCutchen, Bill" <bmccutchen@tamu.edu> DKLunt.EXTERNAL.Internet; JMGould@ag.tamu.edu; MAHussey.EXTERNAL.Interne NBPenn.EXTERNAL.Internet; JASlovacek.EXTERNAL.Internet; AHelms.EXTERNAL 5/7/2009 8:10 PM Fw: Peter Mascia</bmccutchen@tamu.edu>				
From: Richa	rd Hamilton				
<	Bob Goldberg <bobg@ucla.edu>;</bobg@ucla.edu>				
<subray.heg< td=""><td>Subray.hegde@aphis.usda.gov gde@aphis.usda.gov>; Neil.E.Hoffman@aphis.usda.gov <neil.e.hoffman@aphis.usda.gov>;</neil.e.hoffman@aphis.usda.gov></td></subray.heg<>	Subray.hegde@aphis.usda.gov gde@aphis.usda.gov>; Neil.E.Hoffman@aphis.usda.gov <neil.e.hoffman@aphis.usda.gov>;</neil.e.hoffman@aphis.usda.gov>				
∽feldmann@	heaton@iastate.edu <heaton@iastate.edu>; feldmann@cals.arizona.edu</heaton@iastate.edu>				
	widholm@uiuc.edu <widholm@uiuc.edu>; wlr@tamu.edu <wlr@tamu.edu>; E.; McCutchen, Bill; p-schuerman@tamu.edu <p-schuerman@tamu.edu>; Avant, Bob;</p-schuerman@tamu.edu></wlr@tamu.edu></widholm@uiuc.edu>				
	suga@sdstate.edu <denichiro.otsuga@sdstate.edu>; kjbradford@ucdavis.edu</denichiro.otsuga@sdstate.edu>				
<kjbradford@< td=""><td>@ucdavis.edu>; avandeynze@ucdavis.edu <avandeynze@ucdavis.edu>;</avandeynze@ucdavis.edu></td></kjbradford@<>	@ucdavis.edu>; avandeynze@ucdavis.edu <avandeynze@ucdavis.edu>;</avandeynze@ucdavis.edu>				
0 (T) M	27.44.05.50.0000				
Sent: Thu Ma Subject: Peter	ay 07 14:25:58 2009 er Mascia				
Dear All:					
Dear Aii.					
Pete is finally	y free of pain. He passed away yesterday afternoon.				
Today, the b	ell truly does toll, not just for Pete; but for all of us here at Ceres, for everyone in the				

agricultural biotechnology community and at some level, for humanity at large. The ripples from Pete's passing will extend far.

I cannot help but reflect on the symbolism that just as Pete has left us, seeds will soon germinate this spring incorporating the confinement system he helped design, along with several of the lead genes he helped discover and develop. His contributions to Ceres, science, agriculture and energy will live on long after him.

I would like to thank all of you who participated in acknowledging Pete's contributions to Ceres and who took the time to visit with him during the final stages of his illness. For your perusal, I have included at the end of this message some of the things that I learned from working with Pete.

Speaking for myself, watching Pete face his mortality with dignity and determination taught me valuable lessons; not just in how to work, but in how to live.

The Ten Things I Learned From Peter Mascia

- 1. If you don't know where you're going, any train will get you there.
- 1.1. Have a strategy a goal a five year plan.
- 2. Have a product development plan.
- 2.1. Know the difference between strategy and tactics. Being disciplined and organized. This is what turned around Lead delivery to Monsanto.
- 3. Have a quality process.
- 3.1. If you don't take the time to do it right, when will you have time to do it over?
- 3.2. There is no point in only measuring your output, measure your process instead.
- 4. Everything grows in California.
- 4.1. This taught me to understand the differences in agricultural value chains where value is created and where it can be captured.

- 5. It will definitely work in petunia.
- 5.1. Have the courage of your convictions. If you are confident in a particular path, don't back away from it.
- 6. Not all olive oil is created equal.
- 6.1. Enjoy the little things in life, because it is the little things that all add up.
- 7. UC Tech Transfer meetings require a two martini recovery.
- 7.1. Regardless of how frustrating the person across the table is, never show your frustration. Relieve your frustration afterwards.
- 8. Keep knick-knacks on your desk.
- 8.1. They are great conversation starters, and starting the conversation is often the hardest part in getting problems solved.
- 9. Never panic...but make preparations to panic.
- 9.1. Pete taught me to be patient and calm despite whatever chaotic winds were blowing. Kipling said "If you can keep your head when all about you are losing theirs and blaming it on you, if you can trust yourself when all men doubt you..."
- 10. Work like you don't need the money.
- 10.1. When Pete started chemotherapy, he came to me and said he thought he might have to work half-time. "Half-time" turned out to be half of twenty four hours or about 12 hours per day. The lesson here is not to be a workaholic but to enjoy your work and believe deeply in its purpose.

Thank you,

Richard

Richard Hamilton

President & CEO

rhamilton@ceres-inc.com <mailto:rhamilton@ceres-inc.com>

Ceres, Inc.

1535 Rancho Conejo Boulevard Thousand Oaks, CA 91320 tel. (805)376-6500 asst. (805)376-6517

www.ceres.net http://www.ceres.net/>

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From: To: CC: Date: Subject:	"McCutchen, Bill" RVAvant.EXTERNAL.Internet DBaltensperger@ag.tamu.edu; WDugas.EXTERNAL.Internet; WLRooney.EXTERNAL 8/31/2009 7:23 PM Fw: Proposed Conference Call			
Bob,				
Per our call, t	he saga continues			
Jackie Sent: Mon Au	chen, Bill u.edu' <wlr@tamu.edu>; ' g 31 19:08:20 2009 Proposed Conference Call</wlr@tamu.edu>	Slovacek,		
I would like to	elaborate and propose top	ic for any telecon discussion		
I see the goal	as a teaming agreement, w	hich will express that we		
I have little IF	ANY doubt that such a com	nmitment and collaboration would pay huge dividends for all.		
Let us know.				
Thanks,				
Bill				
Jackie Sent: Mon Au	chen, Bill u.edu' <wlr@tamu.edu>; g 31 18:17:34 2009 osed Conference Call</wlr@tamu.edu>	>; Slovacek,		

From:

I think it would be prudent for the 4 of us to have a telecon sometime this week (the earlier the better) to discuss several items - opportunities and previous issues. This way we can hopefully align thoughts and expectations on how we might proceed, and make sure we are not wasting anyone's valuable time or resources.

Does this sound reasonable? If so I will ask Jackie to arrange the timing/logistics.

Thanks,

Bill

From:

To: McCutchen, Bill

Cc: Bill Rooney <wlr@tamu.edu>; Lloyd Rooney <lrooney@tamu.edu>; Turner, Nancy;

Sent: Mon Aug 31 17:56:50 2009

Subject: Re: meeting on September 8 at 4 PM at MDACC

We always believed that and that is why we want to be associated with you. I finally realized that there is a point of difference in our basic plan of action. That explains why you are wanting "significant" funding from a corporate partner (and we want you to avoid that and allow us to do a major clinical study (FDA accepts no animal studies). My feeling is that MDA should pay its own way if they get funding while we supply product and pay for consumer support. Our idea, Bill, is to not expect a miracle cure from sorghum of any type but to include it in a dietary approach of "balanced" ANTIOXIDANTS. This is the only grain to offer that benefit and to create a dietary program for patients and non-patients alike involving high levels of fruit, vegetables, whole grains and sorghum bran. I proposed to Anderson that we use each current drug trial and feed half the patients on the antioxidants (the other half normal diet) and then switch halves.

Yes, you are right it is worth finding out if sorghum is a miracle cure or miracle prevention therapy but chances are, the antioxidant total diet is a better bet to win the competition and the testing procedure. Thanks for your understanding.

Bob

On 8/31/09 6:27 PM, "McCutchen, Bill" <bmccutchen@tamu.edu> wrote:

Bob,

The other factors are many, but having and RD Alliance (and PR) with Texas AM, National Sorghum Producers and perhaps MD Anderson might be significant to marketing as well especially if we secured the Cancer Grant.

Let me assure you and Peter and based on most recent history, we will be true collaborators to include setting objectives, milestones, etc as well as protecting IP. We now have a very good track record.

Bill

From: McCutchen, Bill To: Robert Harris

Cc: Peter B. Harris

>; Bill Rooney (wlr@tamu.edu)

<wlr@tamu.edu>; Slovacek, Jackie

Sent: Mon Aug 31 15:46:50 2009

Subject: RE: meeting on September 8 at 4 PM at MDACC

Bob,

We can discuss, and yes let's try to set a meeting. I would like to include Bill and Lloyd Rooney in these discussions, and we are also trying to make contact with MD Anderson through our other collaborator Nancye Turner – who will be conducting cell line and animal studies at A&M. Would like her to attend as well; so that we are all on same page.

I have cc:d Jackie to see if we can arrange a time to talk and/or set up a meeting as you propose.

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

-___-

From: Robert Harris

Sent: Monday, August 31, 2009 1:19 PM

To: McCutchen, Bill Cc: Peter B. Harris

Subject: Re: meeting on September 8 at 4 PM at MDACC

Keep in mind, Bill that MDACC also wants us to help them sponsor clinical testing. With the pressure to launch the advertising and marketing of a new line to the consumer and research that may or may not relate to that research activity, my thought would be for you to meet with MD Anderson on the 8th of September with us and, perhaps, meet with us beforehand in Houston to negotiate how best we can work together and make important contributions to the state as well as the nation.

Much of the research that could have great credibility with the world at large would be MD Anderson medical research - or at least to consider that possibility. Although cancer therapy and prevention is not directly related to our project, we are interested in helping make gains in that area. Since MDACC would possibly be a major partner with both you and us, is that not something that should be

considered by the University?

This morning, a research oncologist stated that he believes a 3-way partnership can jointly get more funding from the state (with whom they also have been in contact) for a clinical cancer study - or at least to explore it. I'm willing if you are.Let us talk.

Bob

---- Original Message -----

From: McCutchen, Bill <mailto:bmccutchen@tamu.edu>

<mailto:bmccutchen@tamu.edu>

To: Robert Harris

Cc: Peter B. Harris

Sent: Monday, August 31, 2009 1:53 PM

Subject: RE: meeting on September 8 at 4 PM at MDACC

Robert,

With the recent TX Cancer Initiative, we are indeed looking for a potential corporate partner to sponsor R&D especially as it relates to the

At this time there are 3 primary PIs that will conduct characterization to include cell-culture and animal studies here at A&M. I think we are clear on the sorghum lines. The bottom-line is that we are seeking significant sponsored RD (funding) to leverage as a match to RFP, which will also include matching \$ from Texas A&M. If you and SilverPalate sponsored this R&D you would more than double your investment and have first rights to any IP property developed.

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

From: Robert Harris

Sent: Monday, August 31, 2009 11:31 AM

To: McCutchen, Bill Cc: Peter B. Harris

Subject: meeting on September 8 at 4 PM at MDACC

I will call you but wanted to give you time to think about the issues. When Peter called me on a trip to Washington to say you would not be continuing the discussions with us since you were looking for a corporate partner to go after state funding, we regretted that decision but went on about our business. That included:

1. Completing our product and market plan development.

2. Introducing our Grain Berry line in test markets. (Kroger approved all seven SKUs) for test marketing as well as other retailers.

3. Discussion with MDACC for testing our products - with no particular motivation about state funding at that time. However, MDACC was very aware of that program and was intending to pursue it. We have a meeting set up for September 8 and I would like to invite your attendance to explore the opportunity without making a final determination.

4. Discussion with Dr. Kenneth Hayes of Brandeis University to do animal testing of our products with no final decision at this time.

I'm attaching one of the latter discussions we had with Peter with his comments in blue and ours in red. Since we could not seem to get together based on our successful experience with licensing in the past, we finally proposed a straight royalty program with minimum guarantee to allow the Rooney's to hire help in their endeavors. That is more than we had with Brandeis who earned major royalties on Smart Balance sales with no guarantees on volume or level of royalty.

Be assured, we have no argument about your owning the sorghum lines you develop and have developed. Quite the contrary is the case.

I will call you.

Bob

To: DBaltensperger@ag.tamu.edu; WLRooney.EXTERNAL.Internet; RDLacewell.EXTER... WDugas.EXTERNAL.Internet; SSimpson.EXTERNAL.Internet; RVAvant.EXTERNAL.I...

Date: 3/5/2009 12:32 PM

Subject: FW: Regional Biomass PDF

Attachments: Regional Biomass.pdf

FYI - got this from DOE. Bill your doing a good job of representing our interests in these programs.

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

From: llunt@neo.tamu.edu [mailto:llunt@neo.tamu.edu]

Sent: Thursday, March 05, 2009 8:51 AM

To: McCutchen, Bill

Subject: Regional Biomass PDF

To: "Gibbs, Pete" <p-gibbs@tamu.edu>

CC: "Smith, Edward (Ed) G." <egsmith@tamu.edu>, "Nessler, Craig" <cnessler@t...

Date: 10/16/2010 9:46 AM

Subject: Fw: Scotts

Pete,

Meant to copy you as well. And yes, I agree their are significant opportunities for Extension as well (e.g. training, modules, etc.)

Thanks for joining us this morning. Time to go huntin.

Bill

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

To: Nessler, Craig; Lunt, David; Avant, Bob

Cc: Helms, Adam; Baltensperger, David; Schuerman, Peter L.; Hussey, Mark

Sent: Sat Oct 16 09:35:16 2010

Subject: Scotts

Pete, Mark and I Just finished signing ceremony for MRA and Gift with/from Scotts for Research, Extension and COALS. Spoke with their head of RD for . They want to bring some of their team members in December to discuss our capabilities and potential RD projects.

Big thanks goes to Baltensperger, Schuerman and Helms for help bringing this all together.

Bill

To: DBaltensperger@ag.tamu.edu; WLRooney.EXTERNAL.Internet

CC: RVAvant.EXTERNAL.Internet; JASlovacek.EXTERNAL.Internet; AgriLifeCorpora...

Date: 1/26/2009 5:50 PM

Subject: Fw: project discussion

Bill and David,

Any chance one or both of you can join this call on Weds?

Please read email below.

From: Spencer Swayze

To: Avant, Bob; Walter Nelson; McCutchen, Bill; Schuerman, Peter L.; Nelson, Michelle; Simpson, Shay

Cc: Kimberly Norton

Sent: Mon Jan 26 14:35:36 2009

Subject: RE: project discussion

Thanks Bob.

Michelle can work with Kim Norton (copied) if needed or she can propose dates/times to Walter and I. Thanks!

Spencer P. Swayze

Manager of Business Development

Ceres, Inc. "The Energy Crop Company™"

sswayze@ceres-inc.com

Office: (805) 376-6508

Mobile: (805) 407-8799

www.ceres.net

----Original Message-----

From: Avant, Bob [mailto:bavant@tamu.edu] Sent: Monday, January 26, 2009 11:03 AM

To: Walter Nelson; McCutchen, Bill; Schuerman, Peter L.; Nelson, Michelle; Simpson, Shay

Cc: Spencer Swayze

Subject: Re: project discussion

Thanks Walter. I think a follow up call is important. I'll ask Michelle to coodinate on our end. Who should

she work with at Ceres? Bob Avant
(Cell)
From: Walter Nelson To: McCutchen, Bill; Avant, Bob; Schuerman, Peter L. Cc: Spencer Swayze Sent: Mon Jan 26 10:24:24 2009 Subject: project discussion
Bill, Bob and Peter,
I hope this note finds you all well and that you all had a great weekend. Spencer and I ran into Bill at a sweet sorghum conference in Orlando on Saturday. Be sure to ask him about his impressions about where we had dinner if you get a chance.
Spencer and I had some followup conversations at Ceres on Thursday and Friday as we said we would
on our call. I wanted to send you a few key followup comments from our discussion:
- We are very interested in the crossing and development project and would like to continue our discussions around supporting the development and commercialization of the potentially .
- We are completely open to the idea of a substantial three-way partnership to develop and were quite comfortable with the types of potential structures discussed by Bill during the call.
- Due to other activities and discussions we are engaged in today, we would like to postpone entering into 3-way negotiations for such a project until later in the year.
 We are open to discuss supporting key components of the existing program, either financially or logistically, in the interim time so as to avoid delaying the commercial opportunity for the crop. We would like to kept informed about any new developments with respect to our opportunity to participate in the sorcane project.
I know these followup comments do not resolve everything we discussed on Thursday but I wanted to at least try to clarify our position a bit. We would be happy to schedule another followup call at your convenience to continue this discussion.
Post regards
Best regards,
Walter

Walter E Nelson

Ceres, Inc.

1535 Rancho Conejo Blvd.

Thousand Oaks, CA 91320

voice: (805)376-6548

www.ceres.net http://www.ceres.net/>

To: DBaltensperger@ag.tamu.edu

Date: 3/22/2009 1:32 PM

Subject: Fw: SUSPECT: [s-aesdirs] [us-aesdirs] NIMSS: Meeting Authorization SCC80

Are you planning to attend?

Bill

From: s-aesdirs-owner@lists.ncsu.edu

To: us-aesdirs

Sent: Fri Mar 20 13:04:16 2009

Subject: SUSPECT: [s-aesdirs] [us-aesdirs] NIMSS: Meeting Authorization SCC80

This authorizes the annual meeting of the Multistate Research Project, SCC80, "Plant Breeding".

The meeting will be held August 3, 2009 to August 5, 2009 in Monona Terrace Convention Center - Madison Wisconsin.

Contact: Shelley Jensky(shelley.jansky@ars.usda.gov)

Admin Advisor(s): George Askew(gaskew@clemson.edu)

Additional Info:

3rd National Plant Breeding Workshop (sponsored by SCC-080, the Plant Breeding Coordinating Committee). The PBCC serves as a forum regarding issues and opportunities of national and global importance to the public and private sectors of the U.S. national plant breeding effort. The workshop has three goals: 1) to carry out discussions on strategies to shape the future of plant breeding, 2) to expose participants to state of the art plant breeding research through invited speakers, and 3) to encourage the exchange of knowledge through poster presentations by participants. All plant breeders are encouraged to attend - student and professional, public sector and industry, U.S. and abroad. An optional tour of public and private breeding facilities is also planned (Meeting Registration: \$235 until July 24; on-site \$300).

Register online at: http://www.peopleware.net/2723/index.cfm?siteID=358&eventDisp=0-43-01

From: "McCutchen, Bill" <bmccutchen@tamu.edu> To: DBaltensperger@ag.tamu.edu; JKeeton@ag.tamu.edu CC: MAHussey.EXTERNAL.Internet; RVAvant.EXTERNAL.Internet; sfspurlin@tamu.ed... Date: 10/1/2009 5:16 PM Fw: Texas AgriLife NDA Subject: NDA should be in place assuming they sign, which they indicated they would. Good luck. Thanks Shayna. Bill From: Spurlin, Shayna To: McCutchen, Bill Cc: Avant, Bob; Slovacek, Jackie Sent: Thu Oct 01 16:58:54 2009 Subject: RE: Texas AgriLife NDA Great, thanks! Shayna Spurlin Texas AgriLife Research 979.845.2364 office cell 979.458.2155 fax From: McCutchen, Bill Sent: Thursday, October 01, 2009 4:58 PM To: Spurlin, Shayna Cc: Avant, Bob

Subject: Re: Texas AgriLife NDA

Yes

-____

From: Spurlin, Shayna To: McCutchen, Bill Cc: Avant, Bob

Sent: Thu Oct 01 16:51:52 2009

Subject: FW: Texas AgriLife NDA Bill, Our standard has been accepted with no changes; do I have your permission to sign this electronically? Shayna Spurlin Texas AgriLife Research
Our standard has been accepted with no changes; do I have your permission to sign this electronically? Shayna Spurlin
Shayna Spurlin
Shayna Spurlin
Texas AgriLife Research
9
979.845.2364 office
cell
979.458.2155 fax
From: Chris Carruth Sent: Thursday, October 01, 2009 4:02 PM To: Spurlin, Shayna Cc: Dallas Diggs Subject: RE: Texas AgriLife NDA
Shayna –
Our counsel has reviewed, will be fine. Please send final copy today if possible, tomorrow am if not. Thanks so much!
Regards,
Chris
817-691-7655
From: Spurlin, Shayna [mailto:sfspurlin@tamu.edu] Sent: Thursday, October 01, 2009 3:29 PM To: Subject: Texas AgriLife NDA

Here is our standard industry NDA. Please take a look at this and let me know what questions/concerns you have, if any.

Thanks,

Shayna Spurlin

Contract Manager

Texas AgriLife Research, Corporate Relations

100-G Centeq Building A

1500 Research Parkway

College Station, Texas 77843-2583

979.845.2364 office

mobile

979.458.2155 fax

sfspurlin@tamu.edu

http://AgriLifeResearch.tamu.edu

To: Young, Judy **Date:** 6/12/2009 3:28 PM

Subject: Fw: Texas Cancer Prevention: Research and Funding Possibilities **Attachments:** Texas Cancer Prevention: Research and Funding Possibilities

Judy,

To all faculty.

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

979-845-3041

To: DBaltensperger@ag.tamu.edu; WLRooney.EXTERNAL.Internet

CC: RVAvant.EXTERNAL.Internet; JHurley@tamu.edu; brummettr@tamu.edu

Date: 6/17/2009 7:42 AM

Subject: Fw: Texas Cancer Prevention: Research and Funding Possibilities

Attachments: cancerprevention.pdf

Bill and David,

I believe there could be some funds for your, Lloyds, Gary, Nancye and others in Food and Nutrition to conduct RD on cancer with sorghums. There will likely be a match required from industry, and I would think either Harris, Nutralite?, General Mills or others might be interested in RD as well as leveraging funds.

I spoke to Robert and Janie about this yesterday.

Thanks,

Bill

From: McCutchen, Bill

To: Brummett, Robert G.; Hurley, Janie C. Cc: 'ahelms@tamu.edu' <ahelms@tamu.edu>

Sent: Tue Jun 16 14:55:43 2009

Subject: Fw: Texas Cancer Prevention: Research and Funding Possibilities

From: McCutchen, Bill

To: Baltensperger, David: Dennis Gross - Plant Path & Microbiology <PLPM-Head@ag.tamu.edu>: Garv Acuff - Animal Science <gacuff@tamu.edu>; Gary Ellis; Gary Riskowski - Biological & Ag Engineering <riskowski@tamu.edu>; Greg Reinhart - Bio/Bio <gdr@tamu.edu>; Jack Elliot <jelliot@tamu.edu>; Jimmy Keeton keeton@tamu.edu; John Carey (jcarey@poultry.tamu.edu) jcarey@poultry.tamu.edu) jcarey@poultr Nichols (jpn@tamu.edu) <jpn@tamu.edu>; Kevin Heinz - Entomology <KHeinz@ag.tamu.edu>; Steve Whisenant - Forest Science / Rangeland Ecology <s-whisenant@tamu.edu>; Thomas Lacher (tlacher@tamu.edu) <tlacher@tamu.edu>; Tim Davis - Horticulture <TDavis@ag.tamu.edu>; Ed Price (ecprice@tamu.edu) <ec-price@tamu.edu>; Martin B. Dickman <mbdickman@tamu.edu>; Murano, Peter; Neal Wilkins (nwilkins@tamu.edu) < nwilkins@tamu.edu>; Neville Clarke < n-clarke@tamu.edu>; Tim Herrman Herrman@tamu.edu: Ari Michelsen - El Paso AMichels@ag.tamu.edu: Bill Holloway -Uvalde <JHollowa@ag.tamu.edu>; Charles Long - Overton <CLong@ag.tamu.edu>; Don Cawthon -Stephenville <DCawthon@ag.tamu.edu>; Frank Gilstrap - Dallas <FGilstra@ag.tamu.edu>; Jaroy Moore -Lubbock <JMoore@ag.tamu.edu>; John Sweeten - Amarillo <JSweeten@ag.tamu.edu>; John Walker -San Angelo <JWalker@ag.tamu.edu>; Juan Landivar (jalandivar@ag.tamu.edu) <ialandivar@ag.tamu.edu>; Mike Gould - Weslaco <imgould@ag.tamu.edu>; Ted Wilson - Beaumont <ltwilson@aesrg.tamu.edu>; Tom Gerik <gerik@brc.tamus.edu>

Cc: w-dugas@tamu.edu <w-dugas@tamu.edu>; David Lunt (d-lunt@tamu.edu); Hussey, Mark; Smith, Edward (Ed) G.; Gibbs, Pete; Ellison, Mark M.; Joe Cox (jcox@ag.tamu.edu) < jcox@ag.tamu.edu>;

Ellison, Mark M.; Avant, Bob Sent: Fri Jun 12 08:24:49 2009

Subject: Texas Cancer Prevention: Research and Funding Possibilities

Dear Unit Heads.

As you may know the 81st Texas Legislature recently approved the appropriation of \$450M for the next two years to fund grants for cancer research and prevention. The purpose is to provide grants for cancer research and prevention to expedite innovation in cancer treatment and expand cancer prevention and treatment capabilities. More details will follow, but some proportion of these funds could be allocated to nutrition-based, cancer R&D, and the grants will likely require some type of match by industry and/or other partners. Attached is the recent announcement and a link to CPRIT. http://www.cprit.state.tx.us/funding.html

Mark Ellison and team will be providing a full briefing on both the Cancer Fund and the ETF on Aug 10 at the MSC complex. We would like to have all interested faculty who are interested in applying attend to get the details on applying. Mark will have the ETF staff and the Cancer Fund staff presenting at this meeting. The Cancer Fund board meets next week and we should have more details after that. They intend to go out with the first RFPs in late August.

We will provide more information as it becomes available. Please send to faculty as appropriate.

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

To: DBaltensperger@ag.tamu.edu CC: WLRooney.EXTERNAL.Internet

Date: 9/12/2009 8:22 PM

Subject: Fw: Texas Public Information Act Request - AR-2009-008

Fyi

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

To: 'wlr@tamu.edu' <wlr@tamu.edu>

Cc: 'jmoore@ag.tamu.edu' <jmoore@ag.tamu.edu>; McConnell, Bill; Dugas, William; Schuerman, Peter

L.

Sent: Sat Sep 12 20:10:37 2009

Subject: Fw: Texas Public Information Act Request - AR-2009-008

No speculation at all please! Just info that we have is what we report and what is required. I have been through the ringer in industry settings, and the Golden Rule is no speculation.

In the interim, we need to let Ceres know of this request. I have a call set with Walter Nelson and lunch meeting with Richard Hamilton this week whereby I can broach this subject.

We are good as long as we respond accurately and if something needs to be treated as CBI and justified that is also our call with OGC's concurrence.

Thanks.

Bill

----- Original Message -----From: Dugas, William To: McCutchen. Bill

Sent: Sat Sep 12 11:11:12 2009

Subject: FW: Texas Public Information Act Request - AR-2009-008

Bill,

We probably need to discuss this over the phone this week.

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

----Original Message-----

From: Bill Rooney [mailto:wlr@tamu.edu] Sent: Saturday, September 12, 2009 9:08 AM

To: Dugas, William; 'Jaroy Moore'; Baltensperger, David; 'Bill McConnell'

Cc: 'Juerg Blumenthal'; 'Gary C Peterson'; 'Carol Rhodes'

Subject: RE: Texas Public Information Act Request - AR-2009-008

Drs. Moore, Dugas and Baltensperger:

I have two sets of comments with regard to the request of Mr. Hammond:

I know that the are NOT derived from our germplasm. They are wholly generated by Ceres (ie, they had them before they got any germplasm from us). I do not know the pedigree. And thus cannot provide any passport 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

----Original Message-----

From: Dugas, William [mailto:w-dugas@tamu.edu] Sent: Saturday, September 12, 2009 5:18 AM

To: Jaroy Moore; Baltensperger, David

Cc: Bill McConnell

Subject: FW: Texas Public Information Act Request - AR-2009-008

Jaroy and David,

Attached is another request for information by Mr. Hammond. He is seeking passport information for each exotic germplasm accession that contributed to the sorghum cultivar ES 5200, ES 5201, ES 5140, and ES 5150.

Based upon the recent, similar request, you may have faculty (e.g. Gary P. and Bill R.) that can provide this information to Bill.

Please review, visit w/ your faculty and contact Bill McConnell.

It would be good if Bill knew by Wed. when this information could be available.

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

----Original Message-----

From: Bill McConnell [mailto:w-mcconnell@tamu.edu]

Sent: Friday, September 11, 2009 5:42 PM

To: Dugas, William Cc: Loree Lewis

Subject: Fwd: Texas Public Information Act Request - AR-2009-008

Dr. Dugas,

Attached is the most recent request from Edward Hammond. Per our conversation, would you please forward the request to those individuals you believe may have records responsive to the request?

Thank you.

Bill

Bill McConnell Assistant Agency Director Texas AgriLife Extension Service 104E Jack K. Williams Administration Bldg. College Station, Texas 77843-7101 Voice: (979) 862-1524

Voice: (979) 862-152 Fax: (979) 845-9542

E-mail: w-mcconnell@tamu.edu

To: LLEWIS@ag.tamu.edu; BMCCONNE@ag.tamu.edu

CC: charlie@tamu.edu; RVAvant.EXTERNAL.Internet; CNessler.EXTERNAL.Internet;...

Date: 6/7/2010 5:00 PM

Subject: Fw: Texas Public Information Act Request (4 June - Request C) **Attachments:** Texas Public Information Act Request (4 June - Request B)

Bill and Loree

I think David's idea below - to provide some direction to "new" faculty and staff that are now being interrogated - is a good one. It maybe as simple as providing a short explanation and serious nature of TPIA request and letting them know that Alan Kurk and IT will be scanning their email for requested material.

What is your recommendation?

Thanks,

Bill

---- Original Message -----

From: David Baltensperger < DBaltensperger@ag.tamu.edu>

To: Loree Lewis < lk-lewis@tamu.edu>

Cc: McCutchen, Bill

Sent: Mon Jun 07 16:40:23 2010

Subject: Re: Texas Public Information Act Request (4 June - Request C)

Loree,

I think it appropriate that since this involves some faculty that have not received these requests before that some background information be provided to them.

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

Phone 979-845-3041 Fax 979-845-0456 Email dbaltensperger@ag.tamu.edu

>>> Loree Lewis 6/7/2010 12:21 PM >>>

Dr. Rooney, Dr. Mullet, Dr. Klein, Dr. Nessler, Dr. McCutchen, Dr. Trostle, Dr. Isakeit, Dr. Bean, Dr. Rooney, Dr. Hodnett, Mr. Packer, Dr. Stelly, Dr. daSilva, Mr. Avant, Ms. Simpson, Mr. Helms, Ms. Spurlin, Ms. Bridges, Ms. Nelson,

Attached is the second request for public information received from Mr. Hammond on June 4.

In the attached request, Mr. Hammond is asking for all MAIL and ELECTRONIC MAIL (w/attachments) exchanged between the named individuals and "any persons employed by the following companies:

United Phosphorus, Chromatin, NuFarm, Edenspace, Syngenta" from January 1, 2009 to present." This includes both sent and received.

This ABSOLUTELY INCLUDES subsidiaries of the above indicated companies, such as Advanta, Garrison & Townsend, Crosbyton Seed, Sorghum Partners, Milo Genetics, Richardson Seeds, MMR Genetics, etc.

- 1. Please review your records to determine if you have e-mails responsive to this request. Responsive e-mail can be saved as a .pst file or .pdf or just forwarded to me. If sending a .pdf, please make sure the e-mail attachments are included.
- 2. PLEASE DO NOT CREATE NEW DOCUMENTS. PROVIDE ONLY RESPONSIVE DOCUMENTS THAT EXIST AS OF THE DATE OF THE REQUEST.
- 3. Please return your response electronically, if possible, to w-mcconnell@tamu.edu on or before June 11, 2010.

Please note that by law, a governmental body must respond to the attached request within 10 business days of receipt. Responsive information will be reviewed by the Office of General Counsel prior to release. If it is determined that all or part of the responsive material is subject to exception from disclosure, a governmental body must ask for an Attorney General ruling and state the exceptions (with examples) that apply within a reasonable time, but not later than the 10th business day after the date of receiving the written request. Failure to do so could result in disclosure of documents that would have otherwise qualified for exception.

If you have questions regarding this request, please feel free to contact Bill McConnell. Bill is out of the office until Wednesday, but is checking e-mail until then. w-mcconnell@tamu.edu or 979/862-1524. If you needs assistance today you may contact me at 979/845-4759.

Thank You for your assistance.

Loree Lewis

Loree K. Lewis Coordinator of Management Information Texas A&M AgriLife (979)845-4759 - phone (979)845-0365 - fax LLewis@ag.tamu.edu

"This email and any files transmitted with it are confidential. If you are not the intended recipient, any disclosure, copying, distribution or use of the contents of this information is prohibited. If you have received this email transmission in error, please notify me by telephone or via return email and delete this email with all information from your system.:

To: mbdickman@tamu.edu; DBaltensperger@ag.tamu.edu; KSMITH@ag.tamu.edu;

EGSM...

CC: RVAvant.EXTERNAL.Internet; KRathore.EXTERNAL.Internet

Date: 9/3/2009 4:51 PM

Subject: Fw: Ultra-Low Gossypol Cottonseed Field Day Agenda

Attachments: Ultra-low gossypol cottonseed agenda.pdf

Please see link to Time article.

From: Hake, Kater D.

Cc: Keerti Rathore <rathore@tamu.edu>; Wedegaertner, Tom C.

McCutchen, Bill; Helms, Adam; Pruden, James

Sent: Thu Sep 03 16:19:01 2009

Subject: FW: Ultra-Low Gossypol Cottonseed Field Day Agenda

>; Phillips, Kathleen

I just want to let know how timely next week's low-gossypol field day will be. Please find a link below to an article in Time Magazine that will be in their print edition on the newsstands Friday with a circulation of 3.4 million in the U.S.

If you get any questions coming in to your company about this article please do not hesitate to contact Texas A&M or Cotton Incorporated as we are preparing for additional media interests.

Thanks

Kater

http://www.time.com/time/magazine/article/0,9171,1920290,00.html

From: Helms, Adam [mailto:ahelms@dsmail.tamu.edu]

Sent: Thursday, September 03, 2009 12:28 PM

To:

Cc: Keerti Rathore; Hake, Kater D.; Wedegaertner, Tom C.; McCutchen, Bill; Zak, Kendra; Slovacek,

Jackie

Subject: Ultra-Low Gossypol Cottonseed Field Day Agenda

Importance: High

Please find attached the agenda for the field day next week at Texas A&M University. We will meet at the Centeq Building in Suite 100 (

http://maps.google.com/maps?q=1500+research+parkway+college+station,+tx&oe=UTF-8&ie=UTF8&split=0&gl=us&ei=CO6fSvD8MdffnQfj2pX1DQ&ll=30.603086,-96.358509&spn=0.00953,0.016458&t=h&z=16&iwloc=A) and depart at 9am for the field tour.

If you have any special needs for meals, let me know as soon as possible. If there are any questions, comments or concerns, please contact me at your earliest convenience.

All the best,

Adam

Adam Helms

Project Manager

Corporate Relations

Texas AgriLife Research

Texas A&M University System

100E Centeq Building A, Research Park

1500 Research Parkway

College Station, Texas 77843-2583

(mobile)

979-458-2677 (office)

To: Young, Judy **Date:** 9/17/2009 5:36 PM

Subject: Fw: Updated: Castro Bean Joint Venture **Attachments:** Updated: Castro Bean Joint Venture

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

979-845-3041

To: DBaltensperger@ag.tamu.edu; DMStelly.EXTERNAL.Internet; JEMullet.EXTERNA...

CC: MAHussey.EXTERNAL.Internet; WDugas.EXTERNAL.Internet; RVAvant.EXTERNAL.I...

Date: 7/17/2009 7:00 PM **Subject:** Fw: Urgent Need for Call

Just received call from Ceres and they are anxious to talk about energy sorghum - RD, demonstration plots and they will have enough seed for some commercial-scale fields by next year. Please consider as we think about budget allocations.

Peter, Bob and/or I will have telecon with Ceres on Monday.

I did NOT mention platform and we will keep these cards close to chest, but we do need to consider Ceres via subcontracting (no IP transfer) for Screening/Development of

Thanks, and I would appreciate a revised copy of 2-pager for review by Monday morning if not sooner.

Bill

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

To: 'sswayze@ceres-inc.com' <sswayze@ceres-inc.com>; 'wnelson@ceres-inc.com' <wnelson@ceres-

inc.com>; 'rhamilton@ceres-inc.com' <rhamilton@ceres-inc.com>

Cc: Schuerman, Peter L.; Avant, Bob; Slovacek, Jackie

Sent: Fri Jul 17 18:12:04 2009 Subject: Re: Urgent Need for Call

Richard,

If you are available you are more than welcome to join in on telecon as well - Monday if at all possible. This is a serious opportunity and DARPA is quite impressed with energy sorghum and our RD.

Thanks,

Bill

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

To: 'sswayze@ceres-inc.com' <sswayze@ceres-inc.com>; 'wnelson@ceres-inc.com' <wnelson@ceres-

inc.com>

Cc: Schuerman, Peter L.; Avant, Bob; Slovacek, Jackie

Sent: Fri Jul 17 18:02:13 2009 Subject: Urgent Need for Call

Spencer and Walter,

We have had a recent development arise and a potentially significant opportunity with DARPA with quick turnaround time. Ceres would play vital role in RD as well as potentially being provider for energy sorghum at several base locations.

Can we please set a teleconference for Monday to discuss? An executive summary needs to be in hands of DARPA by end of next week.

Thanks,

Bill

To: Auld, Dick

Date: 8/13/2009 2:46 PM

Subject: Fwd: AgriLife RFP for Zebra Chip (Potato) - PreProposals due COB Sept 3rd **Attachments:** AgriLife RFP for Zebra Chip (Potato) - PreProposals due COB Sept 3rd

Dick,

Is this the one you were looking for -- did you get it?

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

To: ALL FAC '10 **Date:** 8/13/2009 2:46 PM

Subject: Fwd: AgriLife RFP for Zebra Chip (Potato) - PreProposals due COB Sept 3rd **Attachments:** AgriLife RFP for Zebra Chip (Potato) - PreProposals due COB Sept 3rd

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

To: ALL FAC '10 **Date:** 6/12/2009 7:54 AM

Subject: Fwd: Basic Research to Enable Agricultural Development (BREAD) **Attachments:** Basic Research to Enable Agricultural Development (BREAD)

Many of you are aware of this, but Dr. McCutchen adds a bit of perspective and it will serve as a reminder.

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

From: David D Baltensperger
To: Scully@tamu.edu;

CC: Awika, Joseph M; Cothren, Joe; Deng, Youjun; Hays, Dirk; Hons, Frank...

Date: 6/12/2009 7:58 AM

Subject: Fwd: Basic Research to Enable Agricultural Development (BREAD) **Attachments:** Basic Research to Enable Agricultural Development (BREAD)

This might be of interest for some of the work we have discussed.

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

To: ALL FAC '10 **Date:** 7/30/2009 9:57 PM

Subject: Fwd: Coming Soon: Request for ZC Pre-Proposals **Attachments:** Coming Soon: Request for ZC Pre-Proposals

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

From: David D Baltensperger
To: McCutchen, Bill
Date: 1/4/2009 1:58 PM

Subject: Fwd: Corporate, State and Federal Funding and IP Development Session - Jan 12th **Attachments:** Corporate, State and Federal Funding and IP Development Session - Jan 12th

Bill,

Please note that this is the time for the small grains, forages and mycotoxin workshops.

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

 To:
 ALL FAC '09

 CC:
 McCutchen, Bill

 Date:
 1/4/2009 1:59 PM

Subject: Fwd: Corporate, State and Federal Funding and IP Development Session - Jan 12th

Attachments: Corporate, State and Federal Funding and IP Development Session - Jan 12th

FYI

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

To: ALL FAC '09
Date: 1/28/2009 10:31 PM
Subject: Fwd: DNAVision
Attachments: DNAVision

Any markers to share?

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

To: Rhodes, Carol **Date:** 8/6/2009 2:10 PM

Subject: Fwd: Fw: Norman Ventures **Attachments:** Fw: Norman Ventures

FYI

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

To: ALL FAC '09

Date: 2/11/2009 2:54 PM

Subject: Fwd: Letter of Intent DATE - Specialty Crops Research Initiative 2009 RFA **Attachments:** Letter of Intent DATE - Specialty Crops Research Initiative 2009 RFA

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

To: Rathore, Keerti; Stelly, David; Zhang, Hongbin

Date: 1/29/2009 5:40 PM Subject: Fwd: Monsanto Attachments: Monsanto

FYI,

We need to follow up after the review.

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

To: ALL FAC '10 **Date:** 11/2/2009 9:34 PM

Subject: Fwd: NIFA Funding Opportunity Food Safety, ICGP **Attachments:** NIFA Funding Opportunity Food Safety, ICGP

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

To: Cothren, Joe; Smith, C Wayne; Stelly, David

Date: 1/29/2009 5:49 PM

Subject: Fwd: Re: Cotton Strategy Meeting **Attachments:** Re: Cotton Strategy Meeting

I am out of town that day -- can one or all of you sit in?

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

From: David Baltensperger
To: All Faculty '10
Date: 4/2/2010 1:17 PM

Subject: Fwd: Reminder: AgriLife Conference Call Monday from 3-5 Call for AFRI RFAs - **Attachments:** Reminder: AgriLife Conference Call Monday from 3-5 Call for AFRI RFAs -

Please plan to participate!!!!

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

Date: 10/25/2010 7:28 PM Subject: Horticulture and Turf

David, Tim, Allan and Mike,

I would like to propose that you all meet soon to discuss horticultural, turf and other specialty crops; especially as it relates to potentially new Research and Extension missions at the Dallas REC. I would like to join the discussion if possible.

Bill













I



Texas A&M System





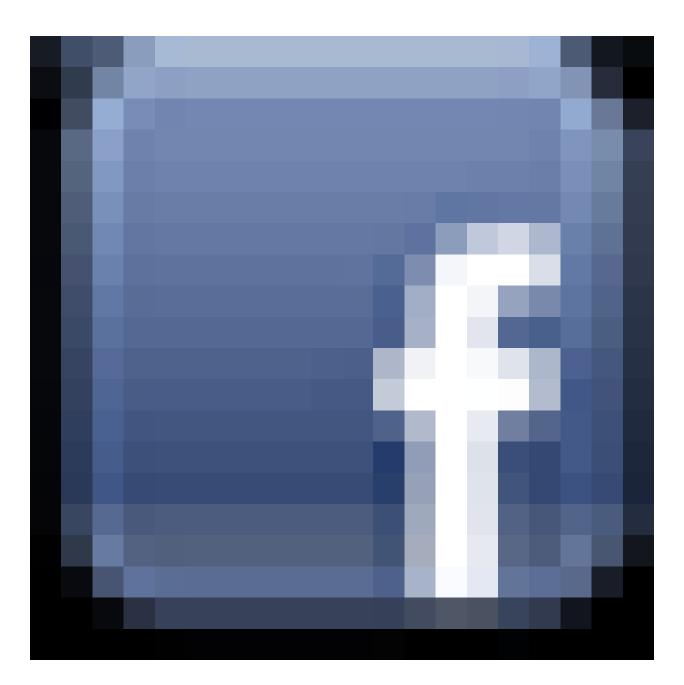
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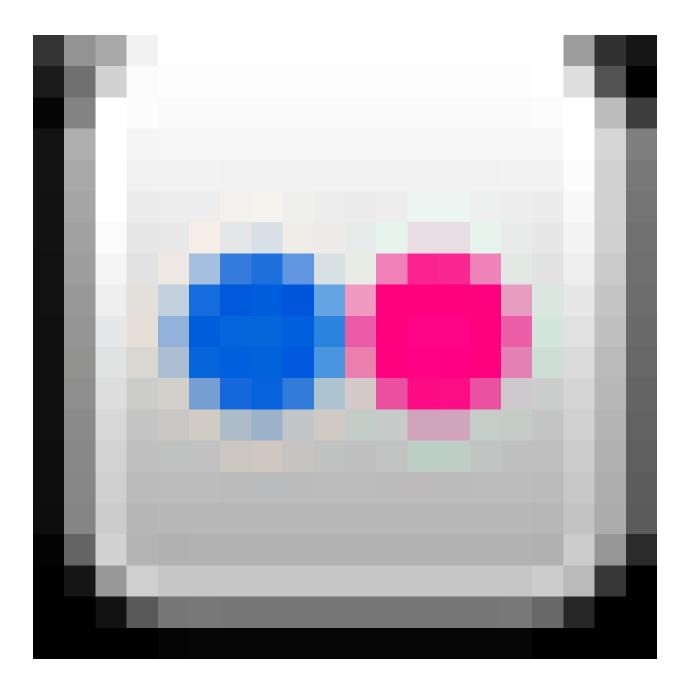
Download

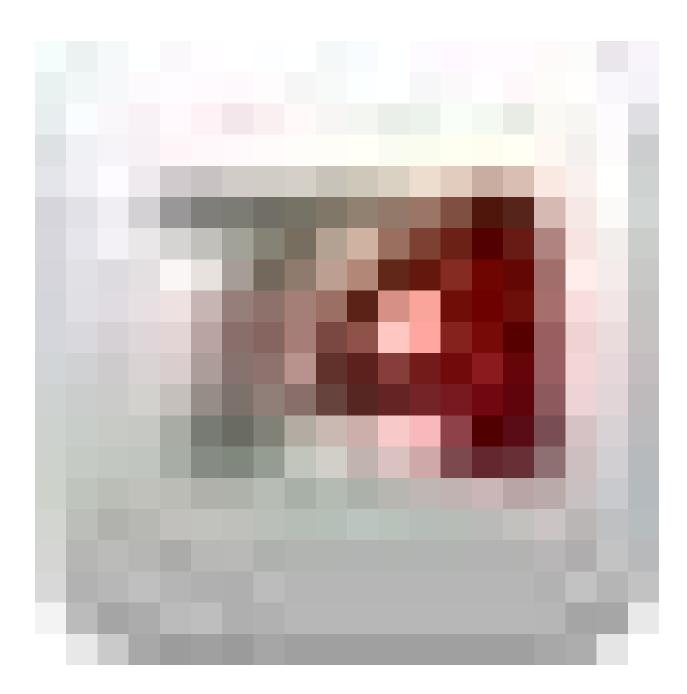














The National Alliance for Advance Biofuels and Bio-products

Industrial Partners Workshop

August 7, 2009



Slide 1

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Our Vision is a Regional Coalition for Algal Biofuels

- A leading coalition would be:
 - Regional: Land, water, and sun
 - National Laboratories- Research and technology
 - Academia: Research, technology, and a skilled workforce
 - Industry: Commercialization focus
 - Community Support: State Governments, Local/Regional Entities







Funding Opportunity Announcement – July 15,09

- Recovery Act Funding of Development of Algal Biofuels and Advanced Fungible Biofuels through Consortiums
- \$50 M indicated in Chu's announcement
- Three year support
- No new facilities are expected
- 20% Cost share will be required
- Proposal Due September 14, 2009
- Consortium Details:

DOE seeks the formation of partnerships in this area because a suite of technologies is required for algal biofuels commercialization and because cost sharing can maximize the leveraging of public funds. Consortiums may include leading scientists from an appropriate mix of academia, government and/or non-government laboratories, user facilities (e.g. the Joint Genome Institute), non-profit organizations, and private industry. Additionally, the consortiums should seek to utilize 'best-in-class' technologies, and engage end users and other field experts outside the traditional disciplines of science and engineering.



_____3

National Alliance For Advanced Biofuels and Bio-products (NAABB) -

Academics/NonProfits/National Laboratories

Academia

- **New Mexico State University**
- University of Arizona
- Texas A&M AgriLife Research UCLA
- Colorado State University
- U. Washington
- · Brooklyn University
- · Washington University in St. Louis
- U. Texas Austin

Research Centers

The Donald Danforth Plant Science Center

National Laboratories

- Pacific Northwest National Laboratory
- Los Alamos National Laboratory





NAABB Capabilities





















National Alliance For Advanced Biofuels and Bioproducts (NAABB) – *Industrial Partners*

- Solix Biofuels
- Phycal
- AXI
- Diversified Energy
- HR Biopetroleum
- Inventure Chemical
- UOP
- Cargill
- Pratt and Whitney

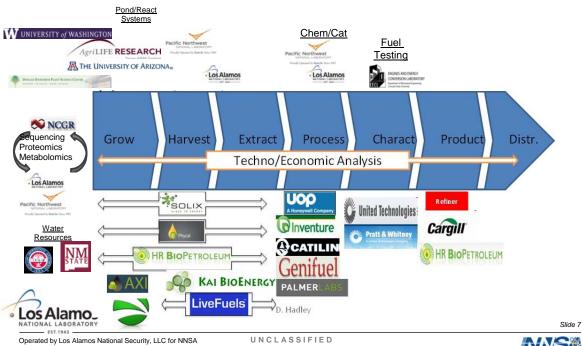
- United Technology Research Center
- Kai Bioenergy
- Terrabon
- Livefuels
- BioArchitecture
- Eldorado Biofuels
- Catilin

Los Alamos

Slide 6

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Algal Biofuels Product Value Chain





Other Consortia - rumors

- National Renewable Energy Laboratory (NREL) and Sandia
- Scripps-UCSD: Forming, caught in NREL/Sandia process
- Woods Hole Oceanographic Institute (WHOI) + MIT? And 1 industrial partner?

Since Spring 2009, NAABB has consistently forged ahead, focusing on progress and deliverables, and recruiting new members



Slide 8

NNS®

Management Board

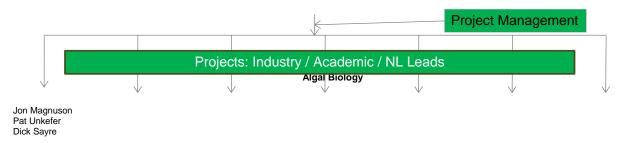
Jose Olivares (LANL), Executive Director Jonathan Holladay (PNNL), Chief Operations David Hadley (LANL), Industrial Relations Mgr Richard Sayre (Danforth), Chief Scientist Kimberly Ogden (UA), Chief Engineer

Meghan Starbuck (NMSU), Chief Economist.

Board of Directors

(Danforth, LANL, NMSU, PNNL, TAMU,UA) Industrial Board

(Companies)



Algal Cultivation

Pete Lammers Mike Heuserhen
Deepak Posydnamos
NATIONAL LABORATORY
15.1193
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Harvesting and Extraction



The Management Team and Key Personnel

Jose Olivares (LANL) – Executive Director

Twenty one years at Los Alamos National Laboratory Currently Dep. Div. Leader for Bioscience Division Past leadership positions leading the Chemistry Division and Lead Project Leader for the International Technologies Program. Participated in leading two startups commercializing technologies from the Laboratory.

John Holladay (PNNL) — Executive Director Biomass (Renewable Fuels and Chemicals) Sector Manager, PNNL Project Chemist in Chemical Catalysis, Union Carbide Experience at DOE Office of Biomass Programs

David Hadley (LANL) — Industrial Partnerships Leader Business Development Executive at Los Alamos National Laboratory Previously Technology Development Officer, The Scripps Research Institute 10 years biotech and pharma experience

Dick Sayre (Danforth) -

Chief Scientific Officer

Plant cellular and molecular biology, PhD in Biology from U. Iowa Director, Bio Cassava Plus Co-founder & Chief Technology Officer (biofuel systems) Phycal LLC Director, Enterprise-Rent-A-Car Institute for Renewable Fuels, Donald Danforth Plant Science Center, St. Louis, MO. Director, DOE-EFRC Center for Advanced Biofuel Systems

Kim Ogden (U of Arizona) - Chief Engineering Officer

University of Arizona Professor, Chemical & Environ Engr - Chem & Env Engr Professor, Agricultural & Biosystems Engr - Chem & Env Engr

Meghan Starbuck (NMSU) - Chief Economist

Assistant Professor of Economics, New Mexico State University
Principal Investigator, Economic Analysis of Algal Biodiesel from Open Raceway Ponds: Using Systems Dynamics and Agent Based Models.



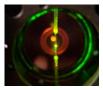
Slide 10

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NAABB Value Proposition





- National Center with Regional Diversity
- Agricultural schools/agronomy
- Resource for co-products
- Vertical integration from innovation to application
- Open Technical and Commercial Architecture
- Catalyze the Algal Industry



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Innovation to Application – the whole value chain

Sustainable Practices

Life cycle and economic analyses, siting and resource management

GIS, water quality and treatment, hydrogeology, systems dynamics

Feedstock Supply: Algal Biology

Systems biology ('omics), isoprenoid biochemistry, HT technologies,

Metabolic engineering

Feedstock Supply: Algal Cultivation

Culture optimization, HT diagnostics and analysis, pond monitoring

Feedstock Logistics: Harvesting and Extraction

Acoustic harvesting & extraction, solvent extraction, supercritical solvent extractions

Conversion/Production/Co-products

Biofuel conversion • Field testing and standardization

Fuel conversion, byproducts to fuel and other co-products



NAABB

Slide 12

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Winning Team

- > Strong technical team with reputation
 - > Science, engineering, policy assessments
- > Center architecture and management process
- Outreach and access to advance industry national beneficiaries
- > Political diversity
- Complete vertical capability including large scale demos
- > Diverse agronomies: marine, arid, inland
- > Strong industrial buy in



Slide 13

Today's Agenda

```
Friday, August 7, 2009, 8:30 am - 5:00 pm
8:30 am
               Welcome; Introductions; Agenda Overview (Hadley)
9:15 – 10:00 NAABB Overview and Vision; Project Management (Olivares)
10:00 – 10:15
                     Break
10:15 -- 11:00
                     Science Vision (Sayre)
11:00 – 11:30
                     Engineering Vision (Ogden or substitute)
11:30 – 12:00
                     Economics Vision (Starbuck)
12:00 - 1:00 Working lunch / IP and Q&A
Introduce 5 Team leads
   Review main project areas for each team (Olivares/Sayre)
1:00 – 1:15 Industrial partners assigned to Project Areas for breakouts
  1:15 - 1:30 Break
1:30 – 4:00 Breakout: Industrial Partners and Team leads formulate final project list
    4:00 - 5:00 Plan for Follow up; Proposal generation and timelines
```



5:00

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Adjourn

Friday Afternoon Agenda 1:30 – 4:00 pm

Breakout Team	Industrial Partners
Conversion/Production Breakouts	НКРВ
Breakouts	Cargill (Call – In)
Da vid Hadley	UOP (Call-In)
John Holladay	Diversified Energy
Meghan	Palmer Labs
	Terrabon
	Genifuel
Co-Products	HRPB
	Cargill (Call-In)
Sustainable Practices	All
Feedstock Supply: Algal Biology	Phycal
	Targeted Growth
	AXI (Call-In)
Feedstock Supply: Algal Cultivation	HRPB
	Solix
	Phycal
	Diversified
Feedstock Logistics: Harvesting/Extraction	Solix
Dick	Phycal
Mike	Kai Bioenergy
Jon	Inventure
KimLos Alamos	Catilin
NATIONAL LABORATORY	LiveFuels

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Objectives For Today

Input from Industrial Partner on priorities for themes/projects and technical needs

- 3-4 major objectives
- · Outcomes on a timeline
- · Agreement on metrics

Staging from

- Development
- Demonstration
- Deployment
- R&D team will be in a receptive mode



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Project Management

Criteria or metrics for selection and success
 List of objectives
 Indicators
 Expected outcomes
 Timeline
 Milestones
 Projected start date
 Projected decision or delivery date
 Indicators
 Responsible

With "omics"
 Objectives – Id genes that improve outcomes, Indicators – Up down regulation, etc., lipid content, volatile hydrocarbon fraction, Baseline – where we are starting from Outcome – X fold increase in productivity
 Timeline





Intellectual Property Structure Overview

- NAABB is a virtual alliance
- Accelerating Innovation: All academic members get NERFs for IP generated using NAABB funding
- IP ownership follows US Patent Law



Slide 18

IP Structure

- Companies do not contribute IP to consortium
- Alliance is virtual
- Ownership follows inventorship
- Licenses negotiated with owning insitution(s)
 - Partners get first right of refusal
 - 30 day "escrow" for IP developed through consortium
 - If multiple partners want the same IP: non-exclusive commercial licenses
 - Non-Commercial partners get non-exclusive, noncommercial license to all IP



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Intellectual Property – Industry Specific

- Background IP (BIP) is identified and protected
 - Industrial Partners do not "donate" or "submit" their IP to NAABB
- Licenses are executed directly with inventor's parent institution(s)
- Pre-negotiated agreements possible with non-**National Lab academic partners**
- Results of company funded projects (current and future) are protected; only company approved, nonproprietary results are shared



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Proposition to our industrial partners

- Participate in grant process
- Participate and direct projects of interest
- First look at all Alliance IP
- Priority to negotiate and license IP; control base IP
- Leverage the work of multiple institutions and leading scientists
- "One stop shop" for algal biofuels



Slide 21

ARRA Requirements

- Projects funded as a result of this FOA are ARRA projects and any costs proposed as part of the Total Project Cost (DOE funds and all other funds that will be committed by the Applicant as Cost Sharing) are subject to the same terms and conditions.
- Multitude of OMB/DOE/programmatic requirements
- Here's what we seen thus far, requirements may change and specific programmatic requirements may be issued when funding is awarded



NNS®

Reporting

Weekly Reporting

- Description of major actions taken to date and major planned actions of interest to senior government officials, Congress and the public. Usually done per milestone.
- Starts first week after costs are charged
- Stop reporting after work is complete

Quarterly Reporting

- · Detailed proof of jobs created/job retained and objectives accomplished (accurate and measurable)
- Percent complete
- CCR, DUNS number, TIN, top 5 officer compensation



References

- Department of Energy
 - http://www.management.energy.gov/policy_guidance/polic
- Office Management and Budget
 - http://www.whitehouse.gov/omb/recovery_default/
- Recovery.gov
- For Reporting

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- http://www.federalreporting.gov/
- Federal Acquisition Regulations http://acquisition.gov/far/current/html/Subpart%204_15.htn



UNCLASSIFIED



Industry and Growers Feedback (Bullet Points) from recent ZC Industry/AgriLife/TDA meeting

- Regional psyllid trapping to determine commonality between the areas.
- Test success of transmission of liberabactor of small enstar psyllids vs. large enstar psyllids
- Population genetics of pysllid and of the disease. Are there genectic diversities within the diesease from all areas of potato production?
- Investigate some larger, well-managed untreated check plots. They seem to have less ZC than fields with insecticide
- Determine best location of the plant to test for the disease and when do you sample, early, mid or late.
- Disease forecasting model: z/c incidence as it relates to patterns of temp, wind, humidity, season, locale, rain
- Primer study to determine if identification is accurate
- Expansion of the monitoring programs. [For example, it would be good to monitor 2-3 fields in each of our two growing areas at Dalhart.]
- Make sure that our PCR tests (especially of the insects) have very low levels of false positives and false negatives. Verify the accuracy of PCR testing for Liberibacter against a background of psyllid yellows without ZC
- Determine if there are any vectors other than potato psyllids that are important. For example, can any of the non-potato psyllids vector the disease? leafhoppers?
- Determine if there is a genetic difference between the psyllids in South TX and Pearsall vs. those in Olton and Dalhart. If so, does that have any implications on which chemical controls are likely to be effective?
- Determine whether seed borne ZC has a significant impact on the level of ZC tubers in a commercial crop.
- Determine if and where psyllids are over-wintering north of the Rio Grande Valley and native weeds are alternate hosts for psyllids and the ZC pathogen.
- Determine how quickly psyllids transmit the pathogen, so we know if chemical control has any chance of being effective in reducing transmission.
- Determine how strong the edge effect is, and what the best management strategy is for utilizing that phenomenon to minimize disease in the commercial crop.
- Determine the relative efficacy of available chemicals to control psyllid adults, nymphs, and/or minimize reproduction in the potato crop. Chemicals to be tested should include Admire, Platinum, Fulfill, Movento, Beleaf, Rimon, and Agri-Mek (among others).
- Test plots at separate locations down here to determine if nicotinoids are necessary at planting and if insecticide spraying ceases at 3/4 of the growing season and its affect on incidence
- Determine how long it takes for ZC to develop in a crop, so we know how late in the growing season we need to continue spending a lot of money to control psyllids.

Industry and Growers Feedback (Bullet Points) from recent ZC Industry/AgriLife/TDA meeting

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From: "McCutchen, Bill" <bmccutchen@tamu.edu>

To: DBaltensperger@ag.tamu.edu

Date: 10/14/2009 10:04 AM

Subject: Jessup

David,

Hope we addressed some of Russell's concerns yesterday. Some things are and some things aren't so black and white. It appears he has a lot to work with at least initially. If we need legal opinions on a couple of major questions just have him follow-up with me or Peter.

Thanks,

Bill

From: "McCutchen, Bill" <bmccutchen@tamu.edu>

To: "Helms, Adam" <ahelms@tamu.edu>, "Baltensperger, David" <dbaltensperger@...

Date: 10/28/2010

Time: 3:00 PM - 4:00 PM

Subject: Meeting to discuss Monsanto (McCutchen, Helms, Baltensperger, Stelly)

Place: Centeq Suite 100 Corporate Relations Conference Room

Attachments: meeting.ics

When: Thursday, October 28, 2010 3:00 PM-4:00 PM (GMT-06:00) Central Time (US & Canada).

Where: Centeq Suite 100 Corporate Relations Conference Room

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*

From: "McCutchen, Bill" <bmccutchen@tamu.edu>

To: JYoung@ag.tamu.edu; DBaltensperger@ag.tamu.edu; newellrogers@medicine.ta...

Date: 7/29/2010

Time: 8:30 AM - 1:00 PM

Subject: Meeting with Karen Newell-Fatty Acid Oxidation Inhibitors and Herbicides

Place: 113 Jack K Williams Admin Bldg conference room

Attachments: meeting.ics

When: Thursday, July 29, 2010 8:30 AM-1:00 PM (GMT-06:00) Central Time (US & Canada).

Where: 113 Jack K Williams Admin Bldg conference room

~~*~*~*~*~

16010101T020000

METHOD

REQUEST

PRODID

Microsoft CDO for Microsoft Exchange

<u>Version</u>

2.0

TZID

(GMT-06.00) Central Time (US & Canada)

X-MICROSOFT-CDO-TZID

11

Start Date/Time

16010101T020000

TZOFFSETFROM

-0500

TZOFFSETTO

-0600

Recurrence Rule

FREQ=YEARLY;WKST=MO;INTERVAL=1;BYMONTH=11;BYDAY=1SU

16010101T020000

Start Date/Time

16010101T020000

TZOFFSETFROM

-0600

TZOFFSETTO

-0500

Recurrence Rule

FREQ=YEARLY;WKST=MO;INTERVAL=1;BYMONTH=3;BYDAY=2SU

Clearvision Discussion CR Conference Room 20091009T140000 CONFIRMED

DTSTAMP

20091008T160631Z

Start Date/Time

20091009T140000

Summary

Clearvision Discussion

UID

<u>Attendee</u> <u>MAILTO:dbaltensperger@tamu.edu</u>

Role REQ-PARTICIPANT

RSVP TRUE

Attendee MAILTO:jkeeton@ag.tamu.edu

Role REQ-PARTICIPANT

RSVP TRUE

Attendee MAILTO:d-gilliland@tamu.edu

Role REQ-PARTICIPANT

RSVP TRUE

Attendee MAILTO:ahelms@dsmail.tamu.edu

Role REQ-PARTICIPANT

RSVP TRUE

ORGANIZER (X-SENTBYCN="Spurlin, Shayna";SENT-BY="MAILTO)

sfspurlin@tamu.edu"; CN="McCutchen, Bill":MAILTO:bmccutchen@tamu.edu

Location

CR Conference Room

End Date/Time

20091009T150000

Description

Meeting to discuss "Plan B" email (to be forwarded separately) received from Chris Carruth related to the CerealChip product request foll owing yesterday's phone call with Drs. Rooney and Awika.\N\NMeeting will be held in Corporate Relations Office. \N

Sequence Number

0

Priority

1

Categories

CREATED

20091008T160634Z

Last Modified

20091008T160634Z

<u>Status</u>

CONFIRMED

Time Transparency

OPAQUE

X-MICROSOFT-CDO-BUSYSTATUS

OOF

X-MICROSOFT-CDO-INSTTYPE

0

X-MICROSOFT-CDO-INTENDEDSTATUS

OOF

X-MICROSOFT-CDO-ALLDAYEVENT

FALSE

X-MICROSOFT-CDO-IMPORTANCE

2

X-MICROSOFT-CDO-OWNERAPPTID

793290713

X-MICROSOFT-CDO-APPT-SEQUENCE

0

X-MICROSOFT-CDO-ATTENDEE-CRITICAL-CHANGE

20091008T160631Z

X-MICROSOFT-CDO-OWNER-CRITICAL-CHANGE

20091008T160631Z

ACTION

DISPLAY

Description

REMINDER

TRIGGER (RELATED=START)

-PT00H15M00S