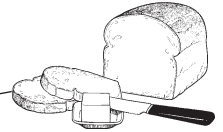


Ethanol Producers And Consumers



This newsletter is sent to members, contributors and sponsors of EPAC.

Ethanol Producers And Consumers (EPAC) is a non profit organization with members throughout the nation who support the production and use of Ethanol as a clean, renewable energy resource. **Volume 18, Number 6: EPAC May/June 2009**
Phone: 406-785-3722 • Fax: 406-785-2252 • E-mail: epac@ethanolmt.org • Web Site: www.ethanolmt.org

THE 19TH ANNUAL EPAC BIOFUEL CONFERENCE “FUEL, FOOD AND THE FUTURE”

The 19th annual EPAC sponsored Biofuels Conference will be held June 29th - 30th at the Best Western Grantree Hotel, Bozeman, MT. The conference is meant to facilitate the continued development of the biofuel industry in the nation and especially in the region. Those who are interested in renewable alternative energies are invited to join key stakeholders from around the world to learn, network, and discuss emerging technologies about biofuels. The day and a half long conference that begins Monday June 29th at noon is titled “Fuel, Food and the Future”. One panel will expand on the well received discussion on distillers grains (DG) presented at the 2008 conference. Barley will be the focus of another session, and still another session will feature biodiesel. The future possibilities will include discussion on Algae and anaerobic digestion.

EPAC conferences are known for quality presentations on cutting edge technologies and the latest industry path and progress information. Bill Hagy, Under Secretary for Rural Development in the USDA will bring news about the Farm bill and funding, and explain issues that are important to the ethanol industry. Other nationally recognized speakers are also confirmed. They include Craig Shealy, CEO for Osage Bio Energy, a Virginia based barley processing company; Tom Blake, barley breeder at Montana State University (MSU), and Clifford Bradley of AE Montana, Butte MT who is working on a barley straw to ethanol project. Also Rajat Sethi of Texas A&M who speaks on the cardiovascular health benefits of wheat and corn Distillers Grains (DG), and Alphonsus Utioh, of the Food Development Center in Manitoba, Canada who is invited to speak on health benefits of the DG in a human diet. Russ Meier of Iowa will speak on adding value to distillers grains by pelletizing and

... continued on page 2



EPAC members attended the Wednesday morning coffee hour with Senators Jon Tester and Max Baucus while in Washington, DC. Pictured are Senator Baucus, Patsy Reimche, Gayna Watson, Pam Ost, Shirley Ball and Senator Tester.

EAT THE BEST DRIVE THE REST

In cooperation with Roger Conway, Director of the USDA Office of Energy Policy and New Uses, EPAC made a presentation at the USDA Office Building. The presentation, which showed why the food versus fuel issue is a fallacy was held on April 20, 2009 as part of Washington DC Earth Week activities.

Speakers included Roger Conway; Shirley Ball, Executive Director, EPAC, Nashua, MT; Kevin Hicks, Research Leader, Crop Conversion Science and Engineering Research at the USDA/ARS Eastern Regional Research Center, Wyndmoor, PA; Larry Schaefer, Sr. Advisor with the National Biodiesel Board, and Greg Krissik with ICM

... continued on page 2

EAT THE BEST DRIVE THE REST

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and Brittany and Kevin Ullrich with MOR Technology, Metropolis, IL.

Hicks spoke on a barley to ethanol process. Schaeffer told how biodiesel equals more fuel and more food. Greg Krissik explained about work being done to ensure that food values are retained in the ethanol process. The Ulrich's showed their unique fractionation process to maximize the production of food grade distillers grains. All told that only starch or sugar in the grain becomes fuel, leaving all the nutrients, including protein, fiber, vitamins and germ can be used in feed / food products. Papers by distinguished scientists explained that health benefits for diabetic and cardiac patients are associated with food prepared with DDG as an ingredient. The highlight was sampling the foods and snacks provided by EPAC that had been prepared using wheat distillers grains.

The immediate purpose of the April presentation was to counter the myth that the production and use of ethanol will cause hunger in the world. A secondary purpose is to encourage researchers and ethanol production facilities and companies to take an in depth look at what is needed to bring the DG to a higher value.



The Montana Department of Agriculture hosted an Agriculture Day event at the Capitol in Helena in March. EPAC helped to sponsor the lunch that was served and had an informational booth display inside the rotunda. EPAC's car had a parking place of honor outside the Capitol where all could see the "ethanol powered" signs.



Roger Conway, Director for the USDA Office of Energy Policy and New Uses chats with Mrs. Dawn Ferguson, of the New Zealand embassy following the Eat The Best Drive the Rest presentation.

THE 19TH ANNUAL EPAC BIOFUEL CONFERENCE "FUEL, FOOD AND THE FUTURE"

... continued from front page

microwave drying.

John Urbanchuk, LECG will speak on the economy and biofuels and the impact of recession and prospects for recovery. Joe Jobe, Executive Director for the National Biodiesel Board will lead the Biodiesel session along with Alice Pilgeram of MSU speaking on Camolina, Howard Haines of MT DEQ and Greg Kegal, MSU-Northern to explain the biodiesel testing facility on campus in Havre.

Keith Cooksey, an MSU Research Professor will speak on algae as a fuel feedstock. Jim Evanoff, Ranger at Yellowstone National Park will talk about the Park's use of biofuels and the Clean City program. Phil Madson of KATZEN Engineering will tell of ethanol processing beyond corn. Trevor Nickel of Highmark Renewable Research, Vegreville, Alberta, Canada, will speak on a process to recover usable bio gas from manure produced at a feedlot that has a static capacity of 36,000 head of cattle. Other speakers include Chris Roach with Abengoa, Wendell Dreve and Marion Gilliland with Farmers Ethanol in Adamsville, Ohio, and Stoel Rives representative John Eustermann, who will tell of opportunities for funding under the stimulus bill.

With its diverse agenda, this conference is intended to appeal to a broad range of attendees, including: biofuel producers, marketer and retailers, end users such as public and private fleet managers; research institutions; farmers, ranchers and agribusiness executives; Also Financial entities such as lenders, Financial institutions, private equity firms, and venture capitalists as well as government regulators and all who are interested in this rapidly expanding green energy industry.

An industry trade show will be held. EPAC conferences are known for western entertainment, and this year, Rusty Feathers will present song and cowboy poetry. EPAC organized in 1991 for the purpose of educating about biofuels. Join us and learn about biofuels by attending the 19th Annual 2009 EPAC

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19TH ANNUAL EPAC CONFERENCE

"FUEL, FOOD, AND THE FUTURE"

JUNE 29-30, 2009 › BOZEMAN, MONTANA › GRAN TREE HOTEL

MONDAY, JUNE 29, 2009

(Agenda tentative as of May 20, 2009 times and titles may change)

8:00 AM- 12:00 NOON

Vendor Trade Show booth setup Madison/Lewis

8:30 – 11:00

EPAC Board and Membership meeting, Annual Report and Election of Board –

10:30 am - 6:00 pm

Registration – Foyer

1:00 PM Welcome – Senator Jon TESTER (invited) Hyalite/Clark room

1:30 KEYNOTE ADDRESS,

“Current Issues, From the Beltway” Growth Energy

2:00 Session, Barley as a Fuel Feedstock. Moderator, Mel Goffena, Montana Wheat and Barley Committee

2:00 – 2:25

“The Possibilities for Barley to Ethanol” Craig Shealy, CEO Osage Bio Energy LLC, Glen Allen VA

2:25 – 2:50

“Ethanol: Matching the Project to the Local Resource”

Clifford Bradley, Montana Microbial Products

2:50 – 3:15

“Barley in Montana” - Acres and varieties available
Tom Blake, MSU Bozeman

3:15 – 3:45

Break, Featuring Snacks made with Distillers Grains,
Madison/Lewis

3:45 Session: “Biofuels Projects, Opportunities & Challenges”

3:45 – 4:10

“Funding and the Farm Program” Bill Hagy, Under Secretary for Rural Development, USDA, Washington DC

4:10 -4:35

“Fuel Performance, Park use of Biofuels, and Clean Cities Program” Jim Evanoff, Ranger, Yellowstone National Park

4:35 – 5:00

“The Economy and Biofuels: Impact of Recession and Prospects for Recovery” John Urbanchuk, LECG

6:00 Social hour

6:30 Banquet and AWARDS, Grantree Hotel

Cowboy Poet, Rusty Feathers, will entertain with song and poetry

TUESDAY, JUNE 30, 2009

7:15 AM

Breakfast in Honor of Canadian Speakers *Sponsored by Canadian Consulate*, Welcoming Remarks by Stan Pence, Trade commissioner, Denver, (invited) for the Consulate General of Canada

Session: : Moderator – EPAC Board

8:15 – 8:45 “Wheat DDG in the Human Diet” – Alphonsus Utioh, Manager, Product & Process Development, Food Development Center, Portage la Prairie, MB Canada (invited)

8:45 – 9:15

“Role of DDG in the Prevention, Management and

Treatment of Cardiovascular Disease” Rajat Sethi, Texas A&M Health Science Center

9:15 – 9:40

“Adding Value to Distillers Grains by Pelletizing and microwave Drying”, Russ Meier, Russell J. Meier & Associates, Iowa

9:40 – 10:10

Break – Trade Show Area, Madison/Lewis – Silent Auction Items

10:10 Session on Biodiesel moderated by Howard Haines

10:10 – 10:40

“Biodiesel Equals Fuel AND Food” Joe Jobe, Executive Director, National Biodiesel Board, Jefferson City, Missouri

10:40 – 11:05

“Camelina for Biodiesel”, Alice Pilgeram, MSU Researcher on Camelina

11:05 – 11:30

“Biodiesel Testing and Program at MSU-Northern” Greg Kegel, Dean of MSU-Northern College of Technical Sciences

11:30 – 11:55

“Biofuels Impact & Update - Montana” Howard Haines, MT DEQ

12:00 – 1:00 Lunch

1:00 Conference resumes - Session: Moderator, Chet Hill Extension Specialist, Ag Diversification/Value Added, NDSU

1:00- 1:25

“Increasing Efficiencies with Biomass Energy Through Anaerobic Digesters” Trevor Nickel, Highmark Renewable Research, Vegreville Alberta. Canada

1:25 – 1:55

“Algae Biofuel: Where we Came From and the Road Ahead” Keith Cooksey, MSU

1:55 – 2:30

“The Future Beyond Corn” Phil Madson, President, KATZEN International

2:30 – 3:00

Break – Trade Show Area, Madison/Lewis - Silent Auction table, last chance to bid. Session: Modertor

3:00 – 3:25

Title needed - Chris Roach, Project Development Manager, Abengoa Bioenergy

3:25 – 3:50

“Biomass to Biofuels: Introduction to Conversion and Advanced Harvest and Collection” Brad Blackwater, Senior Scientist, Idaho National laboratory, Idaho Falls, Idaho

3:50 – 4:20

“Advanced Integrated Biofuels with Animal Production” Wendel Dreve and Marion Gilliland, Farmers Ethanol, LLC, Adamsville, Ohio.

4:20 – 4:45

“Opportunities for Funding Under the Stimulus Bill” John Eustermann, Attorney, Stoel Rives LLP, Boise, ID

4:45- 5:10 TBA

5:10 Award silent auction prizes , Wrap up.

(Agenda tentative as of May 20, titles and times may change.)

SPONSORS AS OF APRIL 30 INCLUDE:

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EPAC May/June 2009 Page 3

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**ETHANOL PRODUCERS AND CONSUMERS (EPAC)
19TH ANNUAL CONFERENCE REGISTRATION
JUNE 29-30, 2009 ♦ BEST WESTERN GRANTREE INN ♦ BOZEMAN, MONTANA**

The conference begins on Monday, June 29th at noon. There will be speaker sessions Monday afternoon and all day Tuesday. Conference registration includes entrance to all speaker sessions, the Trade Show, Monday evening Banquet and Banquet Entertainment, hot breakfast on Tuesday, lunch on Tuesday, three breaks, and the Hospitality Room.

REGISTRATION INFORMATION

Name _____
 Company _____
 Address _____
 City _____ State _____ Zip _____
 Phone _____ Fax _____
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 Web Address _____

REGISTRATION FEES

	Early Bird <i>Through 5/09/09</i>	Regular <i>5/10/09 – 6/26/09</i>	Late <i>After 6/27 & on-site</i>	QUANTITY	TOTAL
Registration	<input type="checkbox"/> \$220	<input type="checkbox"/> \$240	<input type="checkbox"/> \$280	x _____ =	\$ _____
EPAC Member Registration	<input type="checkbox"/> \$170	<input type="checkbox"/> \$190	<input type="checkbox"/> \$230	x _____ =	\$ _____
Student Registration (Excludes Monday Evening Banquet) (Scholarships may be available)	<input type="checkbox"/> \$75	<input type="checkbox"/> \$75	<input type="checkbox"/> \$80	x _____ =	\$ _____
Monday Evening Banquet Guest Tickets	<input type="checkbox"/> \$45	<input type="checkbox"/> \$45	<input type="checkbox"/> \$55	x _____ =	\$ _____
Trade Show Vendor	<input type="checkbox"/> \$325	Includes One Conference Registration		=	\$ _____
“ACCOMPANYING” FEES (Spouse/Significant Other/Children): Does Not Include Speaker Sessions					
Tuesday Breakfast			<input type="checkbox"/> \$15.00	x _____ =	\$ _____
Tuesday Lunch			<input type="checkbox"/> \$22.00	x _____ =	\$ _____
TOTAL AMOUNT DUE:					\$ _____

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HOTEL ACCOMMODATIONS: Contact Best Western GranTree Inn 406-587-5261 or (800) 624-5865 (this is the toll free number direct to this property) for room reservations; Please use Code # 804553 or Ethanol Producers And Consumers when making or inquiring about reservations. Standard 1-4 person room rate is \$89 plus tax, Other rooms and rates are available. (*Cancellations made 72 hours or less prior to arrival will be charged one nights' room and tax.*)



Wendel E. Dreve Farmers Ethanol LLC, Adamsville, OH, Managing Member and Chief Executive Officer, is experienced in U.S. and international energy development, production and operations. He is the author of books, patents and copyrights used in the United States, Canada and Europe in the areas of mechanics, machinery, energy development and energy production. Mr.

Dreve is bonded (both corporate and personal) with the State of Ohio for energy production facilities. Mr. Dreve is registered as a self-help energy provider to Ohio-based industry. Mr. Dreve is licensed in Ohio as a certified livestock manager to operate CAFOs with over 10,000 animal units. He is a U.S. Navy VE Veteran.



Marion Gilliland, Ph.D. Farmers Ethanol LLC, Adamsville, OH, Managing Member, Chief Compliance Officer, and corporate communications officer in charge of regulatory compliance, government communications, and farm and landowner relations. Dr. Gilliland is licensed in Ohio to operate CAFOs with over 10,000 animal units. Dr. Gilliland will direct communications, manage Federal Regulatory Compliance, and will

be the liaison to Ohio groups for information, education, and support. Dr. Gilliland will separately manage the Make-A-Legacy Foundation for technology transfer and economic tools utilization by rural residents as suppliers to Farmers' Ethanol's three Ohio facilities.



Trevor Nickel, B.Sc., MBA: Assistant General Manager, Highmark Renewables Research LP

As an R&D and Commercialization manager, Trevor is responsible for guiding and supporting a major R&D program focused on anaerobic digestion and more efficient biofuels production, and for the global deployment of the resulting technologies.

Highmark's R&D efforts over the past decade have generated a diverse portfolio of technology currently being deployed. Highmark's commercialization efforts have resulted in the construction of the world's only anaerobic digester capable of using feedlot manure as a primary substrate, and an under-construction Integrated BioRefinery project that makes use of Highmark technology to produce biofuels with commercially unmatched energy efficiency.



Philip W. Madson, P.E., President, KATZEN International, Inc. Phil has served as President of KATZEN International, Inc. since 1993. He has held a number of technical and executive positions since joining the firm in 1980, including process engineering, project management, startup services and marketing. KATZEN's focus throughout this period has been the research and development, design and execution of advanced technology for the fuel, industrial and potable ethanol industries worldwide.

Phil has concentrated his efforts in the field of value-added agricultural processing as it integrates with ethanol production. His technical specialty is advanced distillation systems development and design. Phil received a B.S. and M.S. degrees in Chemical Engineering from Iowa State University and is a registered Professional Engineer.



John Eustermann is an attorney with Stoel Rives. His practice focuses on renewable energy/fuels, particularly with regard to project development and new technologies. In addition, he is head of the Idaho Development Team. John represents a significant number of renewable energy concerns with plant development, production, sales and marketing transactions both nationally and

internationally. He is experienced in the structuring and formation of joint and special purpose ventures, strategic alliances and transactional matters in connection with development projects. John also has significant experience in structuring and negotiating construction agreements, critical-path procurement transactions and complex licensing, distribution, risk management, sales and marketing arrangements for clients engaged in both agriculture- and energy/fuels-related projects.

In addition, John has extensive experience in the areas of entity formation, equity financing, mergers, acquisitions and divestitures. He has developed sophisticated entity structures, joint ventures and other business structures on behalf of developers and investors across the United States.

John has represented a significant number of manufacturing companies in the high-tech and software arenas and has experience drafting and negotiating distribution agreements, license agreements, software development agreements, research and development agreements, and technology transfer agreements.





Joe Jobe is the Chief Executive Officer for the National Biodiesel Board (NBB). The NBB is the national trade association representing the biodiesel industry as the coordinating body for biodiesel research and development in the US. Its members include feedstock producers and processors, soybean commodity boards, biodiesel suppliers, and fuel marketers and distributors.

Joe has been with the NBB since 1997, and has served as CEO since January 1999. Joe's duties includes serving as the principle investigator for the \$2.2 million biodiesel health effects testing program.

Joe became interested in agricultural, environmental, and energy issues growing up on a farm in central Missouri. Prior to working for the NBB, Joe was a fraud investigator for the Missouri Attorney General's Office and he has also worked as a certified public accountant.

Gregory D. Kegel currently serves as the Dean for the College of Technical Science,



Montana State University-Northern. Since his appointment, Dean Kegel has worked to expand Northern's technical programs including establishing 2-year associate programs in trades craft such as plumbing, carpentry, construction and electrical. He has also worked to strengthen the co-op student program for diesel and automo-

tive students with summer internship programs with national and international businesses such as Kiewit, Fairbanks Morse, Foundation Coal, General Electric, Toyota, and Ford.

Dean Kegel helped secure over five million dollars to build the new Applied Technology Center, which houses the Bio-Energy Innovation and Testing Center. The Dean has worked to foster productive industry linkages that have proven beneficial to MSU-Northern and industry by providing contract training for Ford, Case New Holland, Toyota, Montana State Department of Transportation, and others.

Previous to his appointment, Dean Kegel was a professor at Montana State University-Northern and a training specialist for Autodesk, Inc. Mr. Kegel received a Masters of Sciences degree from Central Washington University.

Chris Roach is Project and Business Development Manager for Abengoa Bioenergy. His primary mission is to develop new production sites and business for Abengoa Bioenergy. Currently he is working on developing Abengoa Bioenergy's new Hybrid Biorefinery project in Hugoton, Kansas. Prior to joining Abengoa, he worked for Monsanto Enviro-Chem as an engineer, business manager, and sales manager. Chris Roach has an

undergraduate degree in Chemical Engineering from the University of Missouri and earned his MBA from The Olin School of Business at Washington University in St. Louis. Abengoa Bioenergy's mission is to contribute to the sustainable development of the vehicle fuels market by utilizing renewable resources (biofuels) and environmentally friendly technologies that reduce vehicle emissions, in both private and public transportation, and to develop innovative technological solutions through continuous investment in research and development, resulting in more efficient production processes and distinctive and high-value feed co-products. Abengoa Bioenergy is a leading manufacturer of biofuels in the US, EU, and Brazil.



Chet Hill is the North Dakota State University (NDSU) Area Extension Value-Added Specialist at the Williston Research Extension Center and housed at the Ernie French Center. The position is funded by NDSU and Montana State University - Bozeman Extension Service and the NDSU Ag Experiment Station. Chet's primary program responsibilities are in northwestern North Dakota and northeastern Montana. Chet

promotes and assists growers and others in determining viable markets for traditional and high value crops and raises awareness of the area agricultural product capabilities and uses. He will works closely with projects concerning agriculture analysis associated with research projects executed at Williston Research Extension Center.

Chet, a member of EPAC, grew up on a farm/ranch operation near Lambert, Montana. He attended Williston State College and North Dakota State University where he received a bachelors and masters degree in Agricultural Economics. Chet served as the County Extension Agent in Roosevelt County in Culbertson, Montana.

Howard Haines is the Senior Engineer for biomass and developing fuel technologies and DEQ's Bioenergy Program Manager and engineer for bioenergy activities since 1982. His work with energy and chemical engineering extends over 29 years, with the last 23 years in state government. This work covers biofuels, transportation, power and heat production, and air quality issues. Howard's energy experience includes assisting in the development of commercial enterprises.

He has conducted educational and instructional activities on energy and the environment with professional technical societies, nonprofit organizations, high schools, and local colleges. In addition, he has worked to develop projects partnering private, state, and federal organizations. These include the Truck in the Park Biodiesel Demonstration that has developed into the largest mission-oriented biodiesel market in the country. He also conducted the Snowmobile in the Park Demonstration of bio-based fuels and lubes, and the Society of Automotive Engineers' Clean Snowmobile Challenge.

Howard Haines . . . *continued*

He has received DOE Program Achievement Awards (1983 and 2000), an EPA Outstanding Achievement Award for Teamwork and Environmental Stewardship, a CONOCO President's Award for the Environment, Top Honors DuPont President's Award for the Environment and Safety, a National Park Foundation Environmental Conservation Award, and the Awards for Outstanding Achievement from Society of Automotive Engineers' Award for the Clean Snowmobile Challenge (2001, 2002, 2004). He has assisted with or authored over 157 articles and publications. Howard will provide technical analysis and expertise to help develop new projects and partnerships, and assist with reporting, outreach, and technology transfer. Howard is a long time member of EPAC.



D. Brad Blackwelder, Senior Research Scientist, biological Systems Department, Energy & Environment S&T Directorate, Idaho National Laboratory is a Principle Investigator at the Idaho National Laboratory Research Center, located in Idaho Falls Idaho, where he has worked in Biological Sciences as a research scientist since 1999.

Brad's current research interests include optimized harvest, collection, preprocessing and storage of woody and agricultural biomass. He is also involved in developing a uniform format design for the bioenergy industry.

He holds patents and has published environmental science journal articles, written white papers concerning technical biological subjects, and has presented research findings at professional and technical association conferences and workshops.

Brad holds a Bachelors of Science degree in Biology from State University of New York, Albany, and a Master of Science degree in Environmental Science and Management from Idaho State University.

Prior to his current career at INL, Brad served nine years in the United States Marine Corps.



Rajat Sethi, Assistant Professor, Texas A&M Health Science Center. Dr. Sethi has a B.S., Pharmacy (1985) and M.S., Pharmacology (1987), Delhi University, New Delhi, India, Ph.D., Physiology (1994), University of Manitoba, Department of Medicine, Winnipeg, Manitoba, Canada. At the HSC-Irma Lerma Rangel College of Pharmacy in Kingsville – cardiovascular pharmacologist/physiologist Dr. Sethi has spent the past 15 years concentrating

on heart disease, hypertension (increased blood pressure) and

diabetes. He is conducting preclinical studies for developing new treatments for the prevention or even cure of cardiovascular diseases, heart failure, hypertension and diabetes. His laboratory uses heart muscle cells (myocytes) and animal models that mimic the human conditions of these ailments. Another interest of Dr. Sethi is to understand the mechanisms involved in development and pathology of cardiovascular diseases and diabetes, as well as the effect of environmental pollutants. This includes nutrition and diet in the cause, prevention and management of heart failure. He recently received a U.S. patent on the beneficial effect of a nutritional supplement, DDG, in cardiovascular disease. Dr. Sethi has 70 publications (peer-reviewed papers, abstracts and book chapters) and a dozen patents in cardiovascular disease and diabetes. One of his patented drugs, pyridoxal- 5'-phosphate for myocardial ischemia/reperfusion injury, currently is in a Phase III clinical trial at the Mayo Clinic in Rochester, Minn.

Keith E. Cooksey, Emeritus Professor at Montana State University. Professor Keith Cooksey graduated from the Brewing and Applied Biochemistry Department of the University of Birmingham, UK with a BSc and PhD. Since then he has worked on applied biochemical problems at the National Research Council of Canada, The University of California San Francisco and



Berkeley. He spent 4years working on the pilot production of a biological insecticide for the Shell company before moving to the Marine Lab of the University of Miami where he first started research on algal metabolism. In studying algal productivity of coral reef environments he did some pioneer work on algal metabolomics which today has been found to be relevant to algal biofuel production. The next 20 years was spent trying to find environmentally friendly ways to prevent diatom biofouling on US Navy ships. This was started at the University of Miami and continued at Montana State University under the auspices of the NSF sponsored University Industry Cooperative Research Center for Biofouling. In 1986 Cooksey was invited to study the biochemistry of algal biodiesel/ biojet fuel formation from algae by what is now the National Renewable Energy Lab. in their Aquatic Species Program. The final report of that program highlights the work of the Cooksey lab.

Recently he has re-started the algal biofuel work with support of the Department of Energy and the Air Force Office of Scientific Research.

The MSU Algal Biotechnology Group committed to biofuel research involves three Chemical/Biological Engineers, one Molecular Biologist, two graduate students, two post doctoral Fellows and one visiting fellow. Dr. Cooksey also works for Environmental Biotechnology Consultants, Manhattan, MT.

EPAC

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OBAMA TO FORM INTERAGENCY BIOFUELS GROUP

Reuters, Monday May 4 2009

By Timothy Gardner

President Barack Obama will direct the heads of three U.S. agencies to make the biofuels industry cleaner and encourage output of ethanol made from non-food crops, according to a draft memo obtained by Reuters.

The Biofuels Interagency Working Group, to be headed by the secretaries of the Environmental Protection Agency, the Department of Energy and the Department of Agriculture, will be asked to identify policies that would make biofuels more environmentally sound and encourage production of "flex-fuel" cars that can run on either gasoline or fuel that is mostly ethanol, according to the memo.

In addition, Obama will ask Agriculture Secretary Tom Vilsack to "immediately begin refinancing of existing investments in renewable fuels as needed to preserve jobs in ethanol and biodiesel plants, renewable electricity generation plants and supporting industries," according to the memo.

An industry source with knowledge of the memo said Obama will encourage Vilsack to speed up financing opportunities under the 2008 Farm Law. Those include loan guarantees for development of biorefineries and demonstration-scale plants that could be worth tens of millions of dollars, the source said.

The memo said biofuels have generated hundreds of thousands of new jobs and "generated hundreds of millions of dollars in new tax revenues for local state and federal governments." The U.S. ethanol industry has suffered bankruptcies starting last October amid high corn prices, the credit crunch and a drop in fuel demand due to the recession.

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CALL TO ANNUAL MEETING

The Annual membership meeting for EPAC will take place on Monday, June 29 at the Grantree Hotel in Bozeman.

The meeting, beginning at 8:30, will include the annual report and the election of Board members and door prizes. All members are welcome.

