

Moore, Marsha M.

From: Justice, George
Sent: Thursday, May 31, 2012 9:35 AM
To: Davis, Teresa L. (Provost Office)
Subject: Re: NSEI admits

I think I just added you, Teresa... let me know if it worked.

George

--

George Justice
Dean of the Graduate School
Vice Provost for Advanced Studies
210 Jesse Hall
University of Missouri
Columbia, MO 65211
573-884-1402
JusticeG@missouri.edu

On May 31, 2012, at 9:21 AM, Davis, Teresa L. (Provost Office) wrote:

> If you could give me access to your calendar, I think I've found another time that will work for you and Jim (Thursday, June 14 at 4:00).

>

> Teresa Davis
> Executive Staff Assistant II
> Office of the Provost
> UNIVERSITY OF MISSOURI
> 114 Jesse Hall
> (573) 882-6596

>

>

> -----Original Message-----

> From: Justice, George
> Sent: Thursday, May 31, 2012 9:04 AM
> To: Davis, Teresa L. (Provost Office)
> Subject: Re: NSEI admits

>

> I have a meeting with Jim Spain at that time, but perhaps Jim and I could reschedule--could you work with Cynthia, who put that meeting together? Bev is out this week, which complicates things! I could give you access to my calendar if that would help. Ruth Erwin also has access.

>

> George

>

>

>

> On May 31, 2012, at 8:34 AM, "Davis, Teresa L. (Provost Office)" <DavisTL@missouri.edu> wrote:

>

>> George, could you meet at 8:00 on Wednesday, June 13? That appears to be the only time on this end unless we can wait until July.

>>

>> Teresa Davis

>> Executive Staff Assistant II

>> Office of the Provost

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>> 114 Jesse Hall

>> (573) 882-6596

>>

>>

>> -----Original Message-----

>> From: Justice, George

>> Sent: Thursday, May 31, 2012 8:25 AM

>> To: Davis, Teresa L. (Provost Office)

>> Cc: Foster, Brian L. (Provost); Dean, Kenneth D.

>> Subject: Re: NSEI admits

>>

>> I've tried to calm the situation down by more or less putting things on hold here. They can't be "on hold" forever, though. And I'm worried that for the forty or so applications they haven't acted on, they may, in the end, accept a lot of them into NSEI as we've told them they hold onto the institute as long as there are active students. So I don't think it's "tomorrow urgent," but as soon as we can all be in the room.

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>> George

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>> George Justice

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>> On May 31, 2012, at 8:21 AM, Davis, Teresa L. (Provost Office) wrote:

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>>> It appears that Ken is out today, George and Ken are out tomorrow, and George is out most of next week. How urgent is this?

>>>

>>> Teresa Davis

>>> Executive Staff Assistant II

>>> Office of the Provost

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>>> -----Original Message-----

>>> From: Foster, Brian L. (Provost)

>>> Sent: Wednesday, May 30, 2012 8:20 PM

>>> To: Justice, George; Dean, Kenneth D.

>>> Cc: Davis, Teresa L. (Provost Office)

>>> Subject: RE: NSEI admits

>>>

>>> I agree; this is important. Let's talk first of the week.

>>> Brian

>>>

>>> -----Original Message-----

>>> From: Justice, George

>>> Sent: Wednesday, May 30, 2012 1:20 PM

>>> To: Foster, Brian L. (Provost); Dean, Kenneth D.

>>> Subject: NSEI admits

>>>

>>>

>>>

>>> Brian and Ken,

>>>

>>> I want to talk to you (sooner rather than later) about NSEI applications/admissions. Although I think that we can postpone for a few months a decision about admitting students to NSEI-administered programs for Fall of 2013, we should have a conversation about pending applications. (NSEI has never followed best practices of letting students know they are NOT in the program--and this "dangling" could become more of a complexity given the current situation.)

>>>

>>> Right now we have 18 students they have accepted for the fall--a large number for them historically. We are trying to determine how many of the rest of their applications have been "denied," but because NSEI does all this by hand, rather than electronically, it will take a little while to figure this out.

>>>

>>> Overall--my staff is going to need some guidance on how to handle applications for our various Nuclear Engineering MS and PhD emphasis areas. For now we have hidden the option for applying to these programs, and I've asked my staff to let potential applicants know that we are reorganizing our Nuclear Engineering options, and that in a few months they will be able to apply for Nuclear Engineering MS and PhD degrees. But there's the question of all the people "in the system" who have neither been accepted nor denied.

>>>

>>> This is a policy issue much more than a practical issue--practically, we can come up with a solution, but we need to have this "policy" conversation sooner rather than later.

>>>

>>> Thanks,

>>> George

>>

Moore, Marsha M.

From: Davis, Teresa L. (Provost Office)
Sent: Thursday, May 31, 2012 9:50 AM
To: Justice, George; Foster, Brian L. (Provost); Dean, Kenneth D.
Subject: RE: NSEI admits

You are scheduled to meet on this topic at 8:00 a.m. on Wednesday, June 13.

Teresa Davis
Executive Staff Assistant II
Office of the Provost
UNIVERSITY OF MISSOURI
114 Jesse Hall
(573) 882-6596

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

From: Justice, George
Sent: Thursday, May 31, 2012 8:25 AM
To: Davis, Teresa L. (Provost Office)
Cc: Foster, Brian L. (Provost); Dean, Kenneth D.
Subject: Re: NSEI admits

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> Teresa Davis
> Executive Staff Assistant II
> Office of the Provost
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> 114 Jesse Hall
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> Sent: Wednesday, May 30, 2012 8:20 PM
> To: Justice, George; Dean, Kenneth D.
> Cc: Davis, Teresa L. (Provost Office)
> Subject: RE: NSEI admits

> I agree; this is important. Let's talk first of the week.

> Brian

> -----Original Message-----

> From: Justice, George
> Sent: Wednesday, May 30, 2012 1:20 PM
> To: Foster, Brian L. (Provost); Dean, Kenneth D.
> Subject: NSEI admits

> Brian and Ken,

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> This is a policy issue much more than a practical issue--practically, we can come up with a solution, but we need to have this "policy" conversation sooner rather than later.

> Thanks,
> George

Moore, Marsha M.

From: Smith, Gloria
Sent: Thursday, May 31, 2012 4:56 PM
To: Foster, Brian L. (Provost); Duncan, Robert V. (Vice Chancellor of Research); O'Brien, Michael J. (A&S Dean); Thompson, James E.; Gahl, John M.; Solbrekken, Gary; Loyalka, Sudarshan K.; Robertson, J. David; Taub, Haskell; Wolfe, Tim M.; Schwartz, Robert W.; Butler, Ralph
Cc: Davis, Teresa L. (Provost Office); Smith, Gloria; Schlink, Carla S.; Trimble, Jessica L.; Naufel, Brenna R.; Weston, Katherine Amanda; Stout, Margee P.; May, Regina A.; Moore, Marsha M.
Subject: Update Itinerary for Wednesday, June 6 AmerenUE/Westinghouse Americas Meeting
Attachments: Ameren-Westinghouse Schedule 6-6-12.doc
Importance: High

Good afternoon. I am attaching an updated itinerary for the AmerenUE/Westinghouse Americas visit on Wednesday, June 6. Please note that Warner Baxter, President and CEO, AmerenUE and Joe Zwetolitz, President, Westinghouse Americas Region will now be attending. Thanks, again.

Gloria Smith
Executive Staff Assistant
Office of Research
205 Jesse Hall
573-882-9582
smithgl@missouri.edu

**Ameren UE/Westinghouse Americas
visit to the
University of Missouri (MU)
Itinerary for Wednesday, June 6, 2012**

---Room 572 Bond Life Sciences Center---

Afternoon Schedule

12:00 to 1:15 - Welcome and Working Lunch

Brian Foster, Provost - Welcome

Rob Duncan, Vice Chancellor for Research - Schedule Overview
and MU's Technical Depth to Support Small Modular Reactors

Ameren UE Guests:

Warner Baxter, President and CEO

Warren Wood, Vice President, Regulatory and Legislative Affairs

Scott Bond, Manager of Nuclear Development

Westinghouse Americas Guests:

Joe Zwetolitz, President, Americas Region

Layla Sandell, Small Modular Reactor (SMR) Business Development

Ed Lahoda, Consulting Engineer

Matt Memmott, Advanced Reactors, Senior Engineer

Tom Kindred, Senior Engineer

Katie Marx, Consultant

1:15 to 1:30 – Break

1:30 to 2:50 – MU's Collaborative Capabilities

Mike O'Brien, Dean, College of Arts and Science - Session Chair

1:30 to 2:00 – Summary of Engineering at MU

James Thompson, Dean, College of Engineering

John Gahl, C.W. LaPierre Professor, Electrical and Computer Engineering

Gary Solbrekken, Associate Professor, Mechanical and Aerospace Engineering

**2:00 to 2:20 – Source Term for Small Modular Reactors and Nuclear Engineering
Education and Research at the Nuclear Science and Engineering Institute (NSEI)**

Sudarshan Loyalka, Curators' Professor, Nuclear Engineering, Nuclear Science and Engineering
Institute

2:20 to 2:35 – Overview of Radiochemistry Capabilities at MU

Dave Robertson, Professor of Chemistry/Associate Director, MU Research Reactor (MURR)

2:35 to 2:50 – Neutron Scattering and Materials Characterization

Haskell Taub, Professor of Physics

2:50 to 3:00 – Break

3:00 to 4:00 – Team Presentation by Ameren UE and Westinghouse Americas followed by Q&A

4:00 to 4:30 – Travel Time to University Hall

4:30 to 4:45 – University of Missouri System President Tim Wolfe – 321 University Hall

4:45 to 5:00 – Travel time to MU Research Reactor (MURR)

5:00 to 5:45 – Tour of the MU Research Reactor (MURR) and Associated Programs and Capabilities

Ralph Butler, Director

5:45 to 6:00 – Closing/Summary Session – North Office Addition Classroom

Rob Duncan

Moore, Marsha M.

From: Duncan, Robert V. (Vice Chancellor of Research)
Sent: Thursday, May 31, 2012 11:14 PM
To: Foster, Brian L. (Provost)
Cc: Davis, Teresa L. (Provost Office); Smith, Gloria
Subject: Fwd: Update Itinerary for Wednesday, June 6 AmerenUE/Westinghouse Americas Meeting
Attachments: Ameren-Westinghouse Schedule 6-6-12.doc; ATT00001.htm

Provost Foster:

I got your email requesting talking points for your welcome as shown on the attached schedule, and for more perspective on this meeting. I will address both in this email, and we certainly can discuss this further during our Friday meeting if you would like to do so.

Ameren and Westinghouse submitted what we assume was a full \$452M proposal to DOE on May 21 to develop Small Modular Reactors (SMRs) that they would then build and test in Missouri on the Ameren Calloway Plant site, and vend to the world. This proposal will require a 1:1 match from Ameren & Westinghouse, making this an initial \$904M effort. We can discuss their plans in more technical detail, as well as their competitors who probably have applied to DOE as well, but suffice to say that this will probably be an exceptionally strong proposal. If things progress as planned, then total sales of these SMRs could approach one trillion dollars. If so, then this could become the largest industry in the history of Missouri, by far. Of course it is virtually impossible to predict if this will succeed at this scale, but in an ideal scenario it could. MU and MS&T have both been informed that they will be incorporated into this effort if the Westinghouse / Ameren proposal is funded, but no details have been agreed upon yet. This meeting on June 6 is our first meeting in which we will discuss our capabilities with Westinghouse & Ameren at a high level. A similar meeting will occur at MS&T on June 5. We have received a technical presentation three weeks ago from Ameren already on their specific proposal. Immediately following our meeting on July 6 we will have a dinner meeting with the Mayor and the Chamber of Commerce / REDI with the Ameren / Westinghouse group. REDI has passed a resolution to actively pursue and encourage the SMR industry to locate in Mid-Missouri, and I will participate in those dinner discussions as well.

Here are the talking points that I recommend for your introduction:

- 1) Welcome them warmly to MU, and stress our commitment to the success of their SMR efforts in Mid-Missouri. You may want to give a brief summary of MU's strengths and our founding as a Jeffersonian University in 1839, the first one west of the Mississippi River, etc.
- 2) Mention that we have excellent capabilities in the most relevant engineering and science fields to support this effort, and that we will do so while educating the next generation of scientists and engineers who will continuously enter the workforce to help meet the expanding market demand for their skills. These disciplines include: civil, mechanical, electrical, and nuclear engineering, and materials physics and chemistry, with an emphasis on radio-chemistry. We are also well prepared to assist as requested based on our demonstrated strengths in the public policy, communication, journalism, economics and business disciplines. (They have expressed strong interest in the science and engineering areas, but not yet in the social sciences and business areas, so I would mention the social sciences only briefly and at the end. Our most compelling capability in the social sciences may fall in our 'new media' expertise). If you mention these generally in an executive summary format, then I will provide more detail in support of your statements when I speak next.
- 3) It would probably be good to spend about 5 minutes or so on the welcome. I will refer to the one-page schedule for the afternoon that is attached below, and I will very briefly speak to MU's technical depth, and that this will be much

more evident as the afternoon goes on per the schedule. That will take me less than five minutes. Then we will give Ameren and Westinghouse the opportunity to make opening general comments on their proposed effort, and how they see us fitting into their down-stream plans.

I hope this is a helpful starting place, and I look forward to our discussions of this plan at our meeting on Friday.

Rob

R. V. Duncan, Ph.D.
Vice Chancellor for Research
Professor of Physics
University of Missouri
Cell: (505) 450-7480
Office: (573) 882-9500

Begin forwarded message:

From: "Smith, Gloria" <SmithGl@missouri.edu>
Date: May 31, 2012 4:56:15 PM CDT
To: "Foster, Brian L. (Provost)" <fosterbl@missouri.edu>, "Duncan, Robert V. (Vice Chancellor of Research)" <duncanrv@missouri.edu>, "OBrien, Michael J. (A&S Dean)" <ObrienM@missouri.edu>, "Thompson, James E." <ThompsonJE@missouri.edu>, "Gahl, John M." <GahlJ@missouri.edu>, "Solbrekken, Gary" <solbrekkeng@missouri.edu>, "Loyalka, Sudarshan K." <LoyalkaS@missouri.edu>, "Robertson, J. David" <robertsonjo@missouri.edu>, "Taub, Haskell" <taubh@missouri.edu>, "Wolfe, Tim M." <wolfet@umsystem.edu>, "Schwartz, Robert W." <rschwartz@umsystem.edu>, "Butler, Ralph" <ButlerRa@missouri.edu>
Cc: "Davis, Teresa L. (Provost Office)" <DavisTL@missouri.edu>, "Smith, Gloria" <SmithGl@missouri.edu>, "Schlink, Carla S." <SchlinkC@missouri.edu>, "Trimble, Jessica L." <trimblej@missouri.edu>, "Naufel, Brenna R." <naufelbr@missouri.edu>, "Weston, Katherine Amanda" <westonk@missouri.edu>, "Stout, Margee P." <stoutmp@missouri.edu>, "May, Regina A." <mayr@umsystem.edu>, "Moore, Marsha M." <mooremm@umsystem.edu>
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