

**Moore, Marsha M.**

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**From:** Bob Buescher <bobbuescher@verizon.net>  
**Sent:** Sunday, May 20, 2012 4:30 PM  
**To:** Thompson, James E.  
**Subject:** RE: Nuclear Science and Engineering Current Status and Communication

Wonderful plan

Bob

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**From:** Weston, Katherine Amanda [<mailto:westonk@missouri.edu>] **On Behalf Of** Thompson, James E.  
**Sent:** Friday, May 18, 2012 5:35 PM  
**To:** Wood, Ronald R.; [donflora@kc.rr.com](mailto:donflora@kc.rr.com); 'john.comway@bartwest.com'  
**Cc:** Deaton, Brady (Chancellor); Foster, Brian L. (Provost); Justice, George; Banken, Mary Jo (News Bureau); Deng, Baolin; Manring, Noah D.; Occena, Luis G.; Tan, Jinglu; Tzou, Robert D.; Virkler, Mark R.; Xu, Dong (UMC)  
**Subject:** Nuclear Science and Engineering Current Status and Communication

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## Memorandum

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**Date:** May 18, 2012

**From:** Jim Thompson, Dean College of Engineering

**To:** Ron Wood, Chairman of Deans Engineering Advisory Council and DEAC members  
Don Flora, Chairman of Public Policy Advisory Council and PPAC members  
John Conway, President of MU Engineering Alumni Organization and MUEAO officers  
CoE Departmental Industrial Advisory Group membership via Department Chairs

**Cc:** Brady Deaton, Chancellor  
Brian Foster, Provost  
George Justice, Dean of the MU Graduate School  
Mary Jo Banken, Director of MU News Services  
CoE Department Chairs

**Subject:** Nuclear Science and Engineering Current Status and Communication

Discussions have been on-going to enable Nuclear Engineering Degrees within the College of Engineering. In this regard I have attached the current status document which is now being distributed to MU's constituents. These have been approved by the Chancellor, Provost, Dean of the Graduate School, and me. These summarize the situation and decisions which have been made regarding the Nuclear Science and Engineering Institute

(NSEI) and the planning and intentions of the College of Engineering for the Nuclear Engineering Degrees. Please note the commitment made to work with and involve the NSEI faculty in the transition process. The intention is to grow an array of options for students in Engineering for MS and PhD degrees supported by faculty across most departments in the College and the NSEI faculty. I will keep you informed as this process progresses.

**James E. Thompson, PhD, PE**

Dean and Ketcham Professor

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**Davis, Teresa L. (Provost Office)**

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**From:** Deaton, Brady (Chancellor)  
**Sent:** Sunday, May 20, 2012 4:50 PM  
**To:** Foster, Brian L. (Provost); Justice, George  
**Cc:** Middleton, Michael  
**Subject:** Fwd: Nuclear Science and Engineering

Sent from my iPhone

Begin forwarded message:  
Redacted

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**From:** "Deaton, Brady (Chancellor)" <[DeatonB@missouri.edu](mailto:DeatonB@missouri.edu)>  
**To:** "Wolfe, Tim M." <[wolfet@umsystem.edu](mailto:wolfet@umsystem.edu)>  
**Cc:** "Foster, Brian L. (Provost)" <[fosterbl@missouri.edu](mailto:fosterbl@missouri.edu)>, "Schwartz, Robert W." <[rschwartz@umsystem.edu](mailto:rschwartz@umsystem.edu)>  
**Subject:** Nuclear Science and Engineering

Date: May 18, 2012

To: President Tim Wolfe

From: Chancellor Brady Deaton

Re: Nuclear Science & Engineering at MU

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President Wolfe, I wanted to provide you with additional materials that relate to our current efforts to broaden MU's offerings in nuclear science and engineering to better serve our students and the state, as well as respond to the national science agenda for our country. As you know, program review by outside experts has strongly indicated that this is the direction we need to take this program, a direction that entirely conforms to MU's strategic plan, which has a major focus on interdisciplinary activities.

As part of our process, we feel we have operated in accordance with the Collected Rules and have respected the rights and responsibilities of all faculty involved, including their continuing tenure appointments. In addition, we have assured all students enrolled in the Nuclear Science and Engineering Institute (NSEI), including those admitted for fall 2012, that the curriculum will be offered and that the faculty will remain engaged until they (the students) have graduated. We also have sought to honor the outstanding accomplishments to date of the NSEI faculty who we hope will continue to play a significant role in our efforts.

In addition to materials sent to you previously, attached are: 1) Current Status of Nuclear Science and Engineering at MU; 2) Dean Thompson's May 18, 2012 memo to the NSEI faculty; letter from Dean Thompson to be sent to alumni and College of Engineering constituents; and a May 18, 2012 story in the Columbia Daily Tribune by Janese Silvey, "Ameren backs MU's nuclear changes."

I hope these materials are helpful to you and that you will share them with the members of the Board of Curators. I will be happy to respond to any questions you or board members may have.

c: Dr. Robert Schwartz  
Provost Brian Foster

<current status nuclear science engineering 5 18 12.docx>

## Memorandum

**Date:** May 18, 2012

**From:** Jim Thompson, Dean College of Engineering

**To:** Nuclear Science & Engineering Institute Faculty

**Cc:** George Justice, Dean of MU Graduate School  
Robert Tzou, Interim Associate Dean of Academic Affairs

**Subject:** Nuclear Engineering Program Planning, Collaboration with NSEI

I have been working with the Chancellor, the Provost, and the Graduate Dean on the Talking Points (Attachment 1), to inform our communities of the current status of the nuclear science and engineering programs at MU. Part of our efforts in continuing our strengths in nuclear engineering is to join the expertise in the College of Engineering and the Nuclear Science and Engineering Institute to form

a broadly based Nuclear Engineering Program (NEP) that will not only excel in the core areas of nuclear engineering, but will also utilize the existing strengths and interests of our faculty in all departments of engineering and the faculty of NSEI. This is explained in the attached talking points.

I have asked the Engineering faculty to lead the process of adding Nuclear Engineering to the degrees available through the College of Engineering. The initial Engineering faculty involvement was a meeting held May 8, 2012, where they were exposed to the concept and asked to contribute. I have attached the communication package that was sent to the Engineering faculty at that time (Attachment 2). I have also attached a summary of the results of the May 8<sup>th</sup> meeting (Attachment 3). As you can see, I asked for Engineering faculty input with regard to focus or concentration areas, curriculum, courses, etc. As described in the talking points and in recognition of the importance of NSEI to the campus and the Nuclear Engineering Program (NEP), I am inviting you to participate in this on-going planning process described in the May 3<sup>rd</sup> memo and discussed at the May 8<sup>th</sup> meeting.

While the Engineering faculty are investigating their courses in support of the Nuclear Engineering Program, I would like to ask that you review your curriculum as well, for the purpose of integrating your strengths with ours to establish a well-rounded Nuclear Engineering Program in the College of Engineering. As described in the summary above, the deadline for your input is June 15, 2012, on the possible core and elective courses relevant to the MS and PHD degrees to be offered by the Nuclear Engineering Program in the future. Please note, this is the same deadline that was given to all Engineering faculty. I ask that you send your input to Bob Tzou, the convener of the Nuclear Engineering Program Planning Committee, who will compile your input with others in preparing for our first meeting which will likely be held the beginning of the Fall 2012 semester. Meanwhile, please do not hesitate to contact Bob should you have any questions or suggestions regarding the planning process and/or the courses that we are planning for. I am looking forward to working with you in creating the Nuclear Engineering Program that will continue and broaden service to our students, our state, and our nation.

I believe it would be of value for me and Bob to meet with all of you to personally obtain your ideas regarding the future of the Nuclear Engineering Program and NSEI and other concepts regarding Nuclear Science for the MU campus. Would you be available for a discussion along these lines?

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<Attachment 1-Talking Points\_Current Status of Nuclear Science & Engineering.pdf>

<Attachment 2-May 3, 2012 Communication to Engineering Faculty.pdf>

<Attachment 3-Summary of May 8, 2012 Nuclear Engineering Program Meeting.pdf>

<Dean Thompson's letter to alumni and friends.docx>

<The Columbia Daily Tribune.pdf>