

## Moore, Marsha M.

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**From:** Justice, George  
**Sent:** Sunday, May 06, 2012 1:03 PM  
**To:** Foster, Brian L. (Provost)  
**Subject:** changes accepted...  
**Attachments:** NSEI one pager geo j dft bf markup 050512markups accepted.doc

Hi, Brian. I've accepted your changes. The only additional change I made here was to add a clause that I chose the external reviewers but that the faculty approved of them. This is because the Tribune's article today hammers away at that point. I wonder if this document is obsolete now... The whole thing is unbelievably frustrating.

I was also interested in Rob Duncan's response to you. Rob has long believed that Sudarshan's acknowledged expertise in pebble-bed reactors could be beneficial to the kind of effort behind Ameren/Westinghouse. I've talked to others (including faculty members) who are much less convinced.

I talked to Bob Tzou when I saw him on the sidewalk last week. He says engineering is truly ready to move forward towards a program that could be ABET-accredited, and they want to do this very soon.

So we'll see what happens!

Let me know what we should do with this document--I guess you'll send it on to Bob Schwartz? Let me know what I can do to help.

George

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

Chancellor Wallace provisionally created the Nuclear Science and Engineering Institute (NSEI) in 2002 as a Center at the University of Missouri-Columbia in 2002. This action followed eight years of disputes between faculty in the former Nuclear Engineering department and the Dean of Engineering. There were positive and negative factors behind NSEI's creation.

- Positive: NSEI was conceived as an interdisciplinary center, taking advantage of faculty strengths in Engineering, in Physics, in Chemistry, in Medicine, and in infrastructural strengths including the MU Research Reactor (MURR). The vision for NSEI was to bring together campus assets to be able to provide research and graduate education in groundbreaking ways.
- Negative: Because of the history of conflict, <sup>Redacted</sup> ~~Redacted~~ tenure homes of five faculty members were moved from the Nuclear Engineering department in the College of Engineering to NSEI, which was housed as an interdisciplinary center in the Graduate School, reporting to the Graduate Dean.

As it turned out, the particular interest of the faculty members tenured in NSEI differed from the broad campus interest in bringing together our assets in nuclear science and MURR. In effect, the interdisciplinary center ended up functioning as a very small, freestanding department of five faculty members. These faculty members have done a good job with master's and PhD degrees in narrow specialties of Nuclear Engineering (Power Engineering, Health Physics, and Medical Physics). But NSEI has been unable achieve the goals outlined by Chancellor Wallace in 2002: financial self-sufficiency, and effectively bringing together campus assets.

NSEI Interim Director Wynn Volkert (a faculty member from Medicine rather than Engineering) retired in 2006. The review mandated by Chancellor Wallace's letter was postponed until a search for a new director could be made. This search identified a candidate, but the candidate decided that NSEI was not structured in a way that could make the position a success. Graduate Dean Pam Benoit was in process of putting together an external review of the program when she left MU for Ohio University, where she now serves as provost. Current Graduate Dean George Justice, who, like Benoit, has served as Acting Director as well as dean of NSEI, commissioned the mandated external review of the program in 2010.

The external reviewers, chosen by Justice but approved by NSEI faculty, are nationally prominent faculty in the field of Nuclear Engineering. They delivered a report that pointed out deep flaws in the current structure. Dean Justice began in 2010 a dialogue with the NSEI faculty members--currently numbering four, after the retirement of Dr. Bill Miller--about the future of the unit, and he also began talking with others on campus. No permanent director was named because it was clear that the structure of NSEI was going to change.

On March 12, 2012, Justice announced a major change to the administrative structure of the Graduate School. The Truman School of Public Affairs and NSEI would leave the Graduate School, whose main mission and expertise does not involve administering line units with faculty positions. In NSEI, students would continue to be well served by their current curricula and advisors. But the educational and research programs would evolve to bring together more faculty and to take better advantage of campus assets. The faculty would have two years to find the most appropriate home in an academic college. The College of Engineering would build a much larger, accredited Nuclear Engineering program (the NSEI degree is not accredited by the Engineering accreditation body), and the Graduate School would house a large, very interdisciplinary degree program in Nuclear Science and Engineering.

Based on productive comments by students and others, the time frame for disbanding NSEI has been changed, but the goals remain the same: build an outstanding degree program in Nuclear Engineering, a campus-wide interdisciplinary program in Nuclear Science and Engineering, and a campus-wide research center that brings together human and infrastructural resources for state of the art research.

**Moore, Marsha M.**

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**From:** Foster, Brian L. (Provost)  
**Sent:** Sunday, May 06, 2012 2:15 PM  
**To:** Deaton, Brady (Chancellor)  
**Cc:** Justice, George (justiceg@missouri.edu)  
**Subject:** follow up on earlier email  
**Attachments:** NSEI one pager geo j dft bf markup 050512markups accepted 0506.doc

Brady, here is the one-pager I mentioned in the earlier email. As I said, Bob Schwartz called me Friday, said the 8-or so page long piece was too much information for the curators, they need a one-pager. I argued that we can do the one pager (that's what's attached to this email) but that the longer one should be attached as an appendix. Should I send this to Bob this afternoon?

Brian

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

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**From:** Foster, Brian L. (Provost)  
**Sent:** Sunday, May 06, 2012 5:44 PM  
**To:** Banken, Mary Jo (News Bureau); Deaton, Brady (Chancellor)  
**Cc:** Justice, George  
**Subject:** RE: NSEI article

Hard to say...maybe she sees this as her big synthetic work bringing together all the smaller stories. I'd guess it's alums and the faculty prodding her (not just NSEI, but some AAUP and Faculty Council people). The timing of the Ameren/Westinghouse "project" is extremely unfortunate in giving more visibility to the restructuring. May be getting some pressure from people at the paper, too, though it's interesting how little attention the story has gotten in other media. Probably worth a conversation as we try to figure out how to navigate these issues.  
Brian

**From:** Banken, Mary Jo (News Bureau)  
**Sent:** Sunday, May 06, 2012 5:35 PM  
**To:** Deaton, Brady (Chancellor)  
**Cc:** Justice, George; Foster, Brian L. (Provost)  
**Subject:** NSEI article

I'm not sure why Janese keeps reporting on this - nothing new in the article. She seems to keep getting pressure from somewhere - possibly the alums.

Sent from my iPhone

Begin forwarded message:

**From:** Google Alerts <[googlealerts-noreply@google.com](mailto:googlealerts-noreply@google.com)>  
**Date:** May 6, 2012 6:34:43 AM CDT  
**To:** <[bankenm@missouri.edu](mailto:bankenm@missouri.edu)>  
**Subject:** Google Alert - "university of missouri"

News

5 new results for "university of missou

### **University of Missouri's nuclear program to close due to lack of funding ...**

Columbia Daily Tribune

Sudarshan Loyalka, curators' professor of nuclear engineering at the **University of Missouri**, explains one of the experiments being conducted by students studying emissivity of various alloys. By Janese Silvey Inside high-tech engineering labs at ...

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### **Ergot presents threat to southwest Missouri cattle**

Springfield News-Leader

"Both produce ergot alkaloids, like ergovaline, which cause big problems in cattle that consume the material," said Eldon Cole, a livestock specialist with **University of Missouri** Extension. Symptoms of ergot consumption noted in cattle include high ...

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### **An unearthed football treasure: Not bad for \$2**

Columbia Daily Tribune

He figured the Tribune's sports editor ought to read the work of the **University of Missouri** football field's namesake. He was right about that. And I figured Missouri football fans ought to know a little more about their favorite team's greatest ...

[See all stories on this topic »](#)

### UMSL center draws wrath of lawmaker

Columbia Daily Tribune

Cunningham, R-Chesterfield, is prepared to block approval of the state budget for next year to kill the Sue Shear Institute for Women in Public Life at the University of Missouri-St. Louis. And she has the apparent backing of Senate President Pro Tem ...

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### Stephens, Columbia colleges award diplomas

Columbia Daily Tribune

By Andrew Denney Some University of Missouri students don't mind big lecture halls and the relative anonymity of a large campus. But others seeking a higher education turn to smaller schools that can give a more personal touch to higher education.

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

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**From:** Justice, George  
**Sent:** Sunday, May 06, 2012 8:53 PM  
**To:** Dean, Kenneth D.; Foster, Brian L. (Provost)  
**Subject:** Fwd: University of Missouri's nuclear program to close due to lack of funding, infighting

Begin forwarded message:

**From:** "Loyalka, Sudarshan K." <[LoyalkaS@MISSOURI.EDU](mailto:LoyalkaS@MISSOURI.EDU)>  
**Date:** May 6, 2012 8:42:59 PM CDT  
**To:** <[AAUP-MU@PO.MISSOURI.EDU](mailto:AAUP-MU@PO.MISSOURI.EDU)>  
**Subject:** Re: University of Missouri's nuclear program to close due to lack of funding, infighting  
**Reply-To:** AAUP-MU <[AAUP-MU@PO.MISSOURI.EDU](mailto:AAUP-MU@PO.MISSOURI.EDU)>

Eddie:

The headline has been changed in the electronic version so that confusion has been removed from the headline. The paper copy was always OK I believe.

The only commitment we have at this point is that NSEI will stay open until all current students and those to be admitted this year and perhaps later have graduated. This helps some, but the situation also compromises our standing in the nuclear community and our ability to get extramural funding, and we are also very concerned about funding of the proposals that are currently pending with DOE and others. We have heard from one participant in DOE proposal reviews that questions were being asked as to what's going on at MU, and we are concerned that we might have lost funding on that proposal.

The article has mentioned several university regulations that may not have been followed re actions with respect to NSEI, and we will be discussing these more both in AAUP and FC as some of these directly relate to shared governance issues.

Sudarshan

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**From:** AAUP-MU [[AAUP-MU@PO.MISSOURI.EDU](mailto:AAUP-MU@PO.MISSOURI.EDU)] on behalf of Edward Adelstein [[eddieadelstein@GMAIL.COM](mailto:eddieadelstein@GMAIL.COM)]  
**Sent:** Sunday, May 06, 2012 7:48 PM  
**To:** [AAUP-MU@PO.MISSOURI.EDU](mailto:AAUP-MU@PO.MISSOURI.EDU)  
**Subject:** Re: University of Missouri's nuclear program to close due to lack of funding, infighting

I am confused. Is program being closed or not. The article suggests that it is not. Perhaps the editor which often makes the headline did not actually understand the issues. eha

On Sun, May 6, 2012 at 7:28 PM, Loyalka, Sudarshan K.

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

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**To:** <[AAUP-MU@PO.MISSOURI.EDU](mailto:AAUP-MU@PO.MISSOURI.EDU)>  
**Subject:** **Re: University of Missouri's nuclear program to close due to lack of funding, infighting**  
**Reply-To:** AAUP-MU <[AAUP-MU@PO.MISSOURI.EDU](mailto:AAUP-MU@PO.MISSOURI.EDU)>

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Sudarshan

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<[LoyalkaS@missouri.edu](mailto:LoyalkaS@missouri.edu)<<mailto:LoyalkaS@missouri.edu>>> wrote:

The title has been now changed in the electronic copy to conform with the paper copy (which does not have " lack of funding". As you read the article, it was clear that it referred to internal support rather than extramural funding. but the title was confusing nevertheless ).

<http://www.columbiatribune.com/news/2012/may/06/university-missouris-nuclear-program-close-due-lac/?news>

Sudarshan

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From: AAUP-MU [[AAUP-MU@PO.MISSOURI.EDU](mailto:AAUP-MU@PO.MISSOURI.EDU)<<mailto:AAUP-MU@PO.MISSOURI.EDU>>] on behalf of Glaser, Rainer E.

Sent: Sunday, May 06, 2012 6:51 PM

To: [AAUP-MU@PO.MISSOURI.EDU](mailto:AAUP-MU@PO.MISSOURI.EDU)<<mailto:AAUP-MU@PO.MISSOURI.EDU>>

Subject: Re: University of Missouri's nuclear program to close due to lack of funding, infighting

I do not understand the title. It seemed that the decision to close the program made no sense because the program has been going strong, including high funding.

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From: AAUP-MU [[AAUP-MU@PO.MISSOURI.EDU](mailto:AAUP-MU@PO.MISSOURI.EDU)<<mailto:AAUP-MU@PO.MISSOURI.EDU>>] on behalf of Montgomery-Smith, Stephen

Sent: Sunday, May 06, 2012 1:34 PM

To: [AAUP-MU@PO.MISSOURI.EDU](mailto:AAUP-MU@PO.MISSOURI.EDU)<<mailto:AAUP-MU@PO.MISSOURI.EDU>>

Subject: University of Missouri's nuclear program to close due to lack of funding, infighting

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<http://www.columbiatribune.com/news/2012/may/06/university-missouris-nuclear-program-close-due-lac/>