

Name	School	Major
Abdullah Abubakar	City College of New York	Mechanical Engineering
Adam Conklin	American Public University	Environmental Policy
Aitor Bracho	Duke University	Nuclear and Particle Physics
Alexander Kerr	University of Virginia	Mechanical Engineering
Bob Crabtree	University of Denver	Environmental Policy
Brandon Turner	University of Maryland	Mechanical Engineering
Brendan O'Connor	University of Maryland	Physics & Astronomy
Chris Troy	Texas A&M University	Computational Physics

Elena O'Connor	St. Mary's College of	Physics (Applied Phys
Elise Fiala	University of Maryland	Physics
Jake Marr	Purdue University	Nuclear Engineering
Linden Wike	University of Maryland	Geology
Lukas Einberg	University of Maryland	Mechanical Engineeri
Madison Dixon	Texas A&M University	Nuclear Engineering
Nathanael Gardner	University of California	Nuclear Engineering

Noah Rebecca	Rensselaer Polytechnic Institute	Nuclear Engineering
Sarah Lehrman	University of Maryland	Mechanical Engineering
Spencer Borbas	University of Illinois at Urbana-Champaign	Bioengineering
Taylor Falk	East Carolina University	Biomedical Engineering
Thomas Faulkner	Oregon State University	Nuclear Engineering
Vic Malcolm	Georgia Institute of Technology	Nuclear and Radiological Engineering
William Goetz	University of Alabama	Metallurgical Engineering

Winford Janvrin	University of South California	Mechanical Engineering
Zachery Dahm	Purdue University	Nuclear Engineering

Column1

It was interesting to learn about the different types of instruments and just how much unique expertise NIST has. I had never seen that type of machinery and this tour helped put things in perspective. Moreover, seeing the dosimeters for example, having just completed the site access training, was rather exciting. Overall, it was a nice way to apply some of the knowledge the trainings have given me. Thanks for the opportunity and to the NIST staff for being such thorough tour guides!

Thank you so much for the tour! It was an excellent addition to our training to see the types of applications our regulations apply to. The different type of research going on there was very interesting to a lot of us as well!

Thank you so much for showing us around the facilities and answering all of our questions! It was interesting to see the work at NIST and how it connects both to our work at the NRC and my personal experience with lab work throughout my academic career. Thanks also to Cindy Montgomery for making the event possible at all!

It was so cool to see the experimental floor. I know eventually most of my career will likely be around power reactors, so it's nice to see a unique facility and be around research again.

Thank you so much for hosting the tour, it was great to hear about the different reactor technologies, and the skilled people working on them.

Thank you for hosting the tour today. It was extremely helpful to see inside the facility and get a clearer picture of the engineering and maintenance that happens behind the scenes at a research reactor. I also really appreciate the extra conversation time the NIST team spent answering our groups many questions about fuel rods and the refueling process. Showing the replica fuel rod in person and demonstrating the special training and techniques NIST operators use to change them out was particularly interesting. This tour really supported my NRC training experience in that it gave me my first look after becoming an NRC employee of how a research reactor actually operates. This tour gave me one reference to continually mentally refer to as I continue my NRC training on interacting with research reactor licensees.

Thank you for taking the time to give us a tour of NIST. During my internship last summer at ORNL, I was able to tour the HFIR/SNS Facilities along with the instrumentation and beam lines, so seeing some similarities (as well as some new technology like the Echo Spectrometer) in the operations at NIST allowed me to appreciate the work that has gone into restarting power there.

Thank You very much for your thorough tour of the test reactor. Seeing all the different test and experiment equipment grounded much of the content I have learned in my academic and professional career. I found the low angle neutron scattering particularly interesting as it relates to my undergraduate research. Thank You!

I really enjoyed our tour at NIST this morning. I have previous operations experience at a research reactor, so I was more interested in that side of things as opposed to experiments. One of my tour guides was the head of the operator training program and I was grateful that I was able to talk to him about they run things there and how it was similar/different to my experience. Even though I wish we could have seen inside confinement, it was still a very interesting tour, and I enjoyed it a lot. Thank you to everybody involved.

Thank you so dearly for the detailed and interesting tour of the NIST neutron beam facility. I found the enthusiastic explanations of the various neutron beam instruments to be fascinating. My favorite was of the neutron spin spectrometer.

Thank you for the tour! I really appreciated getting to talk with the NIST staff about the experiments being ran and some of the engineering challenges related to sourcing cold neutrons far from a reactor. It was valuable getting to see the type of work conducted at NIST

Thank you to our NIST hosts and to Cindy for making this trip possible! I appreciated the demonstrations of how instruments would be used and how wavelengths would interact with the titanium/nickel refractors. The opportunity to see the new, still-being-calibrated, giant solenoids was great as well. I also enjoyed going through my first radiation scanner at the end!

First of all, thank you so much for taking the time out of your day to give us a tour of your facility! I thought the tour was interesting, especially the moments of how the NRC as the regulating body over NIST was not a tense kind of reaction, and that everyone working there was focused on making things run as well as possible, and that the NRC could interact with one of their stakeholders outside of an inspection or review. Another interesting thing was how the reactor could be used for things like neutron spectroscopy other than just generating electricity, and through that, the NRC has impact on things other than just utilities.

As someone who has worked at an electron accelerator, I found the tour's focus on how neutrons are controlled to be especially interesting. Neutral particles are notoriously difficult to handle, and neutrons are a major source of radiation concern in reactors of all sorts around the country. I think it was wonderful to tour NIST as a way to strengthen the personal relationships between government agencies dealing with nuclear power, but also as a supplement to our technical training by connecting real applications to our theoretical work so far.

Thank you to the NIST Center for Neutron Research; NRAN truly appreciated the time and hospitality shared with us during our visit. The opportunity to see the facility firsthand and speak with some members of the team was not only an awesome experience, but valuable to our work. Personally, neutron testing is not something I have experience with and learning and understanding some of the basics was really intriguing. We are grateful for our continued partnership and the effort put in to allow this trip to happen.

Thank you so much for arranging the NIST tour. Since my background isn't in nuclear, this was the first time I had the opportunity to see some of these systems in person. While the coursework we have been doing has been insightful, it, for the most part, only includes diagrams, so being able to observe the equipment firsthand made the concepts much more tangible. It's something I'll look to use to build off of as I begin my career in this industry. I truly appreciate the effort you put into organizing such an informative experience.

Thank you so much for welcoming our group to the NIST Neutron Research Facility today. I was genuinely struck by the complexity and enormity of the site coming from a non-nuclear and non-engineering background. Learning about the work being done and the changes were fascinating and helpful to contextualize many concepts I've read about. The insights you offered added tremendous value to our visit, and I left feeling both inspired and grateful for the experience. I truly appreciate the time and generosity you extended to all of us.

I enjoyed and learned a great deal from the talk on the NIST reactor; the mechanism for loading fresh fuel assemblies, the refueling strategy and how fuel transients are affected, the choice of fuel and moderator etc

Thank you for hosting us at NIST! Growing up in the area, I have always been curious about the work that is done within the facility. To be able to see it in person was fantastic. I was very impressed with the systems and setups throughout the facility. It was especially neat to tie much of my recent trainings to live systems in person. I found it very interesting that neutrons have decay rates that can vary by up to 30 seconds and we are unsure why, but NIST is attempting to find out.

Thank you for taking the time to show us around NIST and sharing your knowledge about the tools. I appreciated the opportunity to learn more about non-power nuclear operations and the applications relating to industry and research. The use of neutrons for material science is an area I've rarely had the opportunity to learn about which made this experience particularly valuable. Thank you for the engaging tour and taking the time to answer all of our questions.

Thanks again for taking us on the tour of the testing facility! I really appreciated how informative and responsive our hosts were to my numerous questions, and their explanations on the neutron instrumentation was profoundly interesting. The fact that neutrons are influenced by magnet fields despite having no electric charge was a fascinating bit of information that has led me on a research rabbit hole on quantum physics and spin!

It was great to tour NIST and learn about their neutron imaging technology. By continuously improving their research efforts, it makes their role within the nuclear industry one that is necessary and informative. Additionally, their reactor technology is one that is unique and it was cool to hear about their refueling process. Thank you to the NIST team for allowing us to tour their facility and thank you to Cindy for helping coordinate this exciting opportunity.

Thank you so much to the NIST Center for Neutron Research staff for allowing us to visit their experimental floor and see firsthand the broad range of applications for a research reactor. Our guide, Thomas Newton, was engaging and I found all of the information he shared to be fascinating!

Thank you for letting us come tour the NIST facility. Being our first experience seeing a reactor plant it was a very interesting and informative experience. I particularly enjoyed the new spin spectrometry machine as it relates to my previous research on nuclear magnetic resonance. Thank you again for having us and hope to come by again in the future to learn more!

ENCLOSURE 1

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City College of New York	Mechanical Engineering
American Public University	Environmental Policy & Mgmt
Duke University	Nuclear and Particle Physics
University of Virginia	Mechanical Engineering (minor Physics)
University of Denver	Environmental Policy & Mgmt
University of Maryland	Mechanical Engineering
University of Maryland	Physics & Astronomy
Texas A&M University	Computational Physics
St. Mary's College of Maryland	Physics (Applied Physics)

University of Maryland	Physics
Purdue University	Nuclear Engineering
University of Maryland	Geology
University of Maryland	Mechanical Engineering
Texas A&M University	Nuclear Engineering
University of California Berkeley	Nuclear Engineering
Rensselaer Polytechnic Inst.	Nuclear Engineering
University of Maryland	Mechanical Engineering
University of Illinois at Chicago	Bioengineering

East Carolina University	Biomedical Engineering
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Oregon State University	Nuclear Engineering
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Georgia Institute of Technology	Nuclear and Radiological Engineering
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University of Alabama	Metallurgical Engineering
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Purdue University	Nuclear Engineering
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Note

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