

**National Transportation Research Center (NTRC)  
User Proposal**

**Proprietary**

**Nonproprietary**

*Do not include proprietary information in this proposal*

**Title of proposal:**

**Name of NTRC researcher with whom you have discussed this research:**

*Submit user proposal electronically to:*

ntrc@ornl.gov

*or mail to*

Kathi Vaughan

NTRC

2360 Cherahala Boulevard

Knoxville TN 37932

Facsimile: 865-946-1214

To confirm receipt: 865-946-1206

The National Transportation Research Center  
is an Oak Ridge National Laboratory  
National User Facility  
sponsored by  
U.S. Department of Energy  
Office of Energy Efficiency and Renewable Energy  
and operated by  
UT-Battelle, LLC

**National Transportation Research Center (NTRC)**  
**User Proposal Information**  
*(Please Type or Print)*

**1. Principal Investigator(s) who will come to the NTRC to perform work:**

Name:  
Title:  
Organization:  
Business Address:

City, State, Zip:  
Phone:  
Fax:  
Citizenship:

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Name:  
Title:  
Organization:  
Business Address:

City, State, Zip:  
Phone:  
Fax:  
Citizenship:

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Name:  
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Fax:  
Citizenship:

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Name:  
Title:  
Organization:  
Business Address:

City, State, Zip:  
Phone:  
Fax:  
Citizenship:

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*(Note: From the time the proposal is approved and the paperwork is prepared to request clearance into the NTRC, it can take as long as 14 weeks to obtain clearances for non-U.S. citizens. Please factor that into your schedule.)*

**2. Spokesperson (someone with authority to sign contractual documents on behalf of your organization):**

Name:

Title:

Organization:

Business Address:

City, State, Zip:

Phone:

Fax:

**3. NTRC User Center where you will conduct the proposed research:**

Commercial Vehicle Operations Laboratory/Gary Capps

Composites Laboratory/Mike Starbuck

Radio Frequency Identification Center/Simon Rose

Fuels, Engines, and Emissions Research Center/Ron Graves

Heavy Vehicle Safety Research Center/H. E. (Bill) Knee

Intelligent Transportation Systems/H. E. (Bill) Knee

Packaging Research Facility/Scott Ludwig

Power Electronics and Electric Machinery Research Center/Don Adams

Transportation Policy, Planning and Analysis/David Greene

**4. Will you bring any hazardous samples or materials to the NTRC? Users must provide MSDS sheets for specimens and/or chemicals that are user-supplied.**

No

Yes

If yes, please check all that apply:

Toxic

Carcinogenic

Corrosive

Flammable

Explosive

Other (Please Describe)

If you are not sure, please discuss this with your NTRC contact.

**5. Preferred dates to conduct research at the NTRC (provide 2 to 3 possible dates):**

**Dates you cannot come:**

**Important deadlines or milestones associated with this research:**

**6. How did you hear about the NTRC?**

**7. Verification of non-competition: Please state in your own words the reasons that led you to propose research at the NTRC. *In order to satisfy our non-competition requirement, your response MUST identify one or more instrument capabilities or features of the NTRC User Program that are UNIQUE – i.e., not available elsewhere.* The NTRC cannot compete directly with the private sector. The U.S. Department of Energy funds the NTRC to complement the research capabilities of U.S.-based private industry and universities with unique, state-of-the-art expertise and equipment.**

**The following are examples of appropriate responses.**

- a. The NTRC User Program allows our researcher to participate in the experiments as an active, hands-on experimenter, to contribute to solving the research problem and to bring knowledge back to our organization.**
- b. The NTRC offers a unique combination of research instruments unavailable anywhere else**
- c. NTRC staff have essential expertise applicable to our research problem**
- d. Working with the NTRC staff provides a significant training or educational experience that is unavailable at “for-hire” testing facilities.**

- 8. Description of proposed research. Provide a brief narrative summary of your proposed research project. Include the problem you are trying to solve or the information you are seeking, and why; your experimental approach; and the results that you expect.**

**By signing below, I agree that publications resulting from this work will include appropriate credit to the U.S. Department of Energy and Oak Ridge National Laboratory, and will be submitted to the Oak Ridge National Laboratory for peer review.**

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**Signature**

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**Date**

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**Printed name/title of person completing this form**