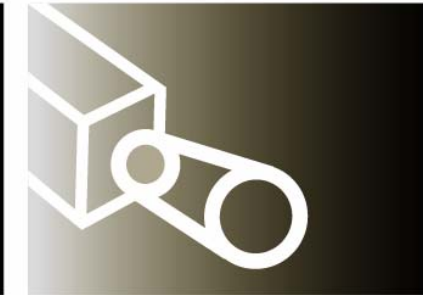
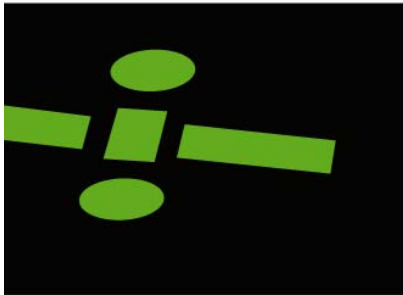


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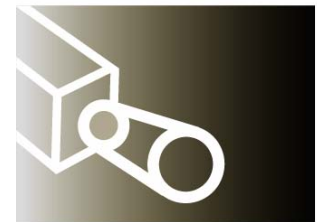
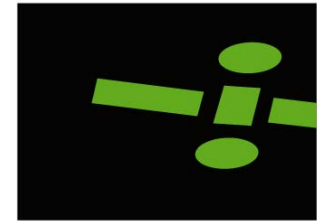
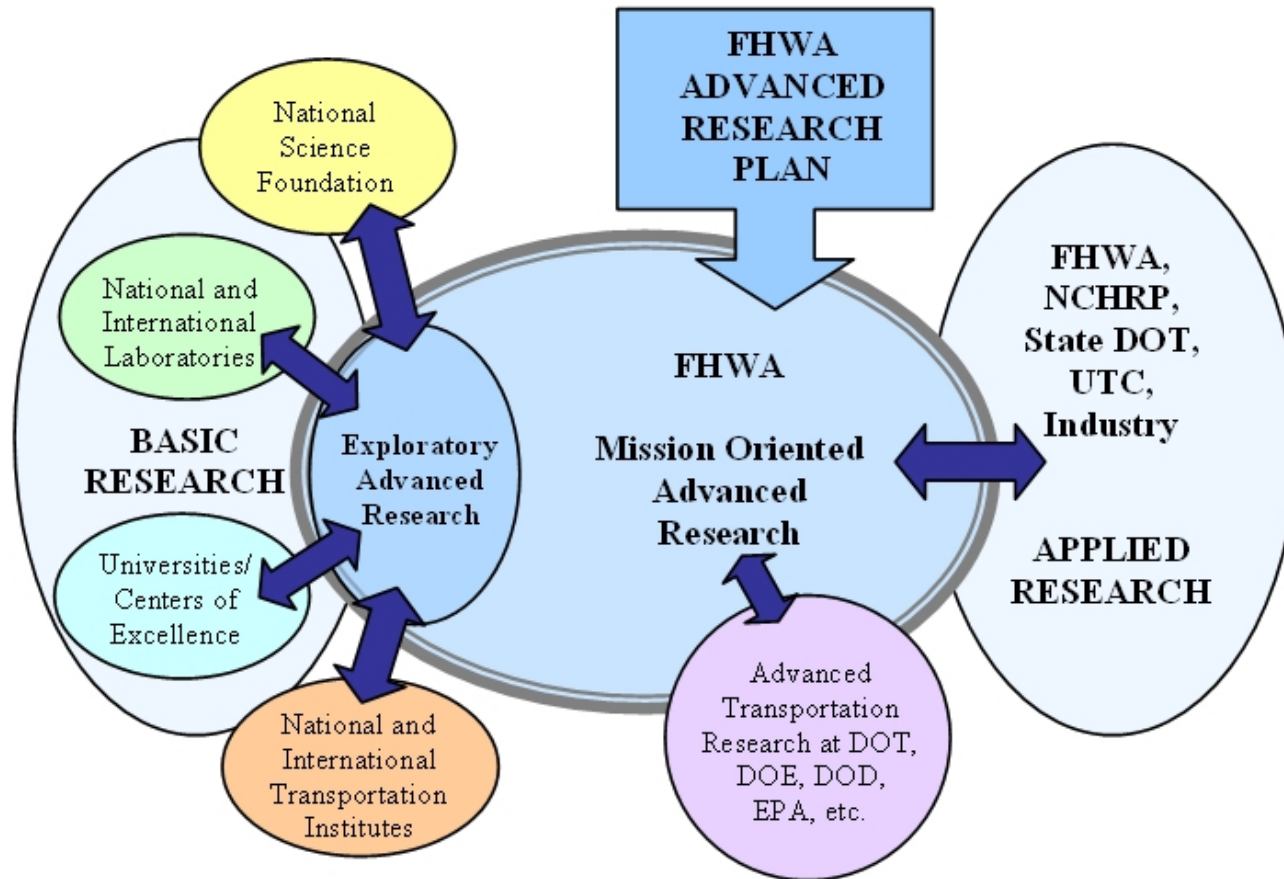


Preparing for the Future of Transportation

The Important Role of the Universities
in Exploratory Advanced Research



What is EAR?



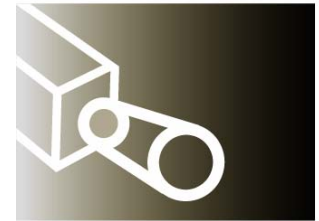
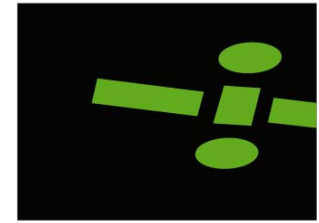
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EAR Key Process

- Focus on high-risk, high payoff research
- All projects begin with initial stage research (e.g. scanning, literature review, etc.)
 - Assure leverage of the most recent, relevant and advanced research from all fields
- Not all initial stage research leads to (or is expected to lead to) follow-on or actionable results
- Merit review is used to enhance the quality of research processes and results

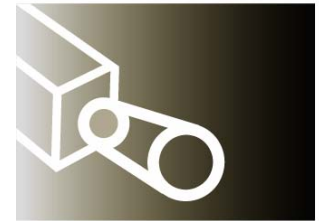
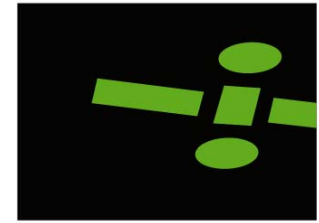


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EAR Topics



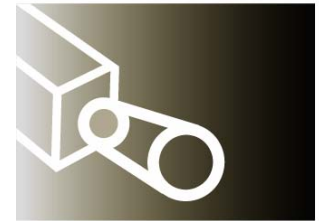
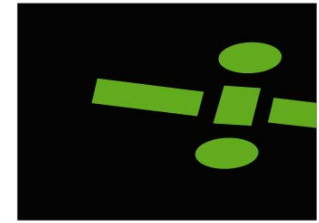
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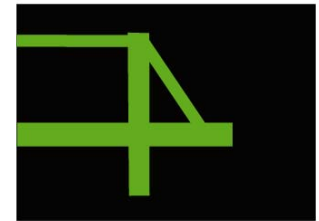
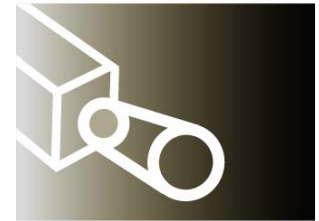
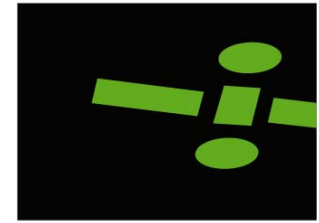
Key Partnerships

- Research stakeholders are involved throughout
 - From scoping of focus areas through communication of research results
- Stakeholders include
 - Academic
 - Government: Other Federal Agencies, State, Local, International
 - Industry: Businesses, Associations



University Role in EAR

- Building Knowledge
 - Access to new ideas and methods through multi-disciplinary partnerships
- Bootstrapping
 - Improving research processes, modeling, measurements



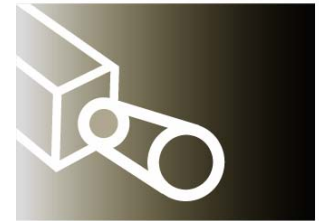
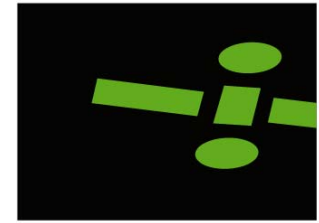
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Preparing for the Future

- New concepts, approaches and technology
 - Responding to new directions
 - Accelerating technology trends
- Foundation for future transportation leaders



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For more information

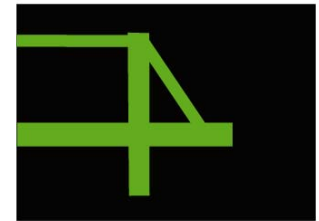
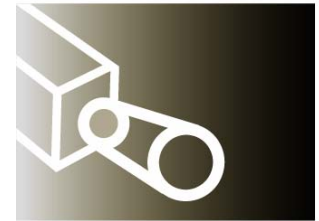
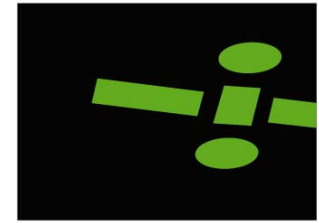
See the EAR Program website
located at

www.fhwa.dot.gov/advancedresearch

or

Contact David Kuehn, EAR Program
Manager, at (202) 493-3414 or
david.kuehn@dot.gov

Thank you and now to our distinguished panel



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