



TRANSPORTATION RESEARCH BOARD

*OF THE NATIONAL ACADEMIES*

# TRB Safety

**Bernardo B. Kleiner**

**Transportation Safety Specialist**

**A Summit of University Transportation Centers for Safety**

**March 19-20, 2015**

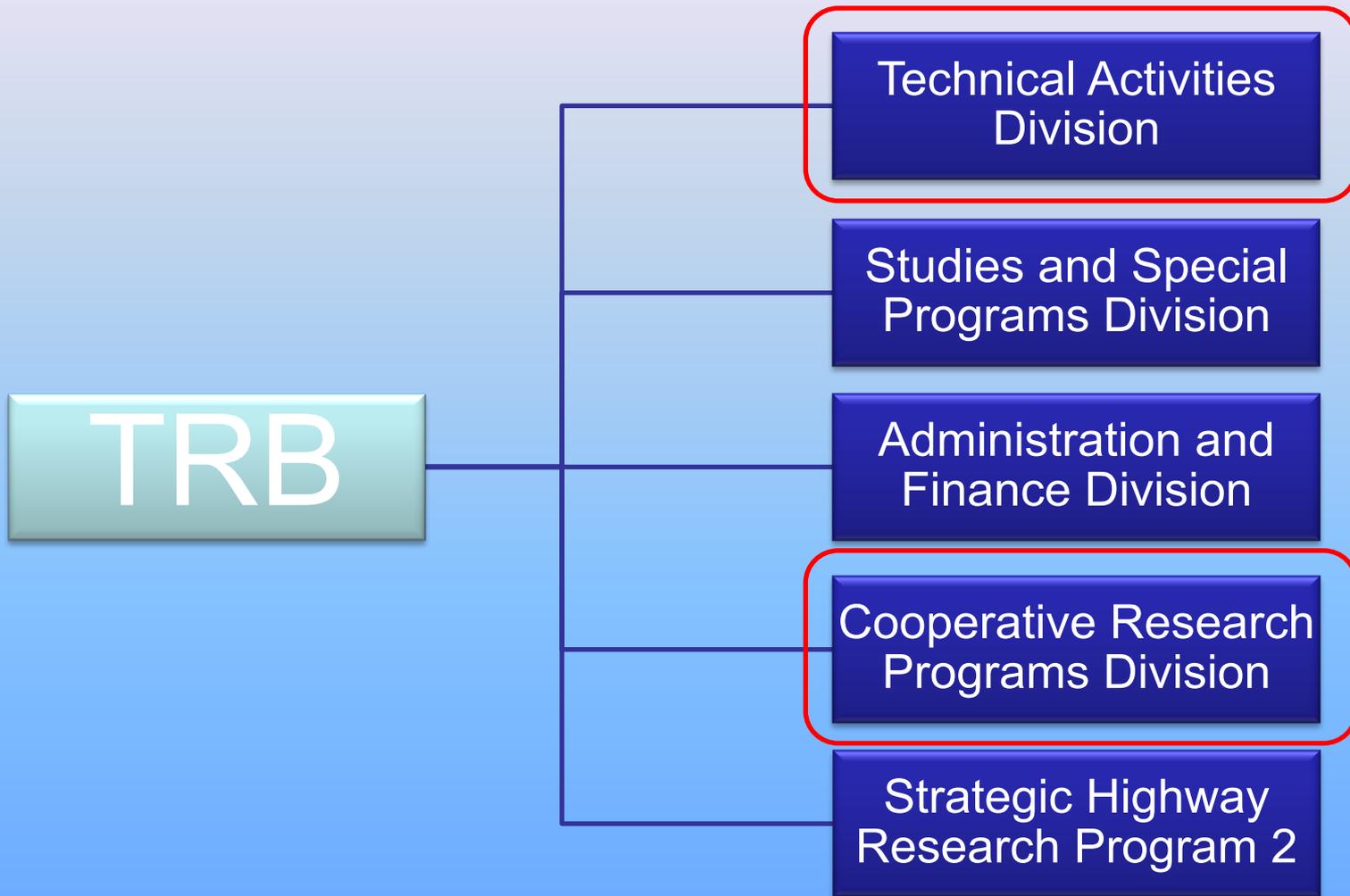
Wyndham Pittsburgh University Center

Pittsburgh, Pennsylvania



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## Safety Related Standing Committees

### Safety and System Users Group

#### – *Safety Section*

Transportation Safety Management  
Safety Data, Analysis and Evaluation  
Highway Safety Workforce Development  
Highway Safety Performance  
Operator Education and Regulation  
Traffic Law Enforcement

Occupant Protection  
Alcohol, Other Drugs, and Transportation  
Safety Mobility of Older Persons  
Truck and Bus Safety  
Roundabouts

#### – *User Performance Section*

Vehicle User Characteristics  
User Information Systems

Simulation and Measurement of Operator Performance  
Visibility

#### – *Pedestrians and Cycles Section*

Pedestrians  
Bicycle Transportation

Motorcycles and Mopeds

### Other

Roadside Safety Design  
Marine Safety and Human Factors

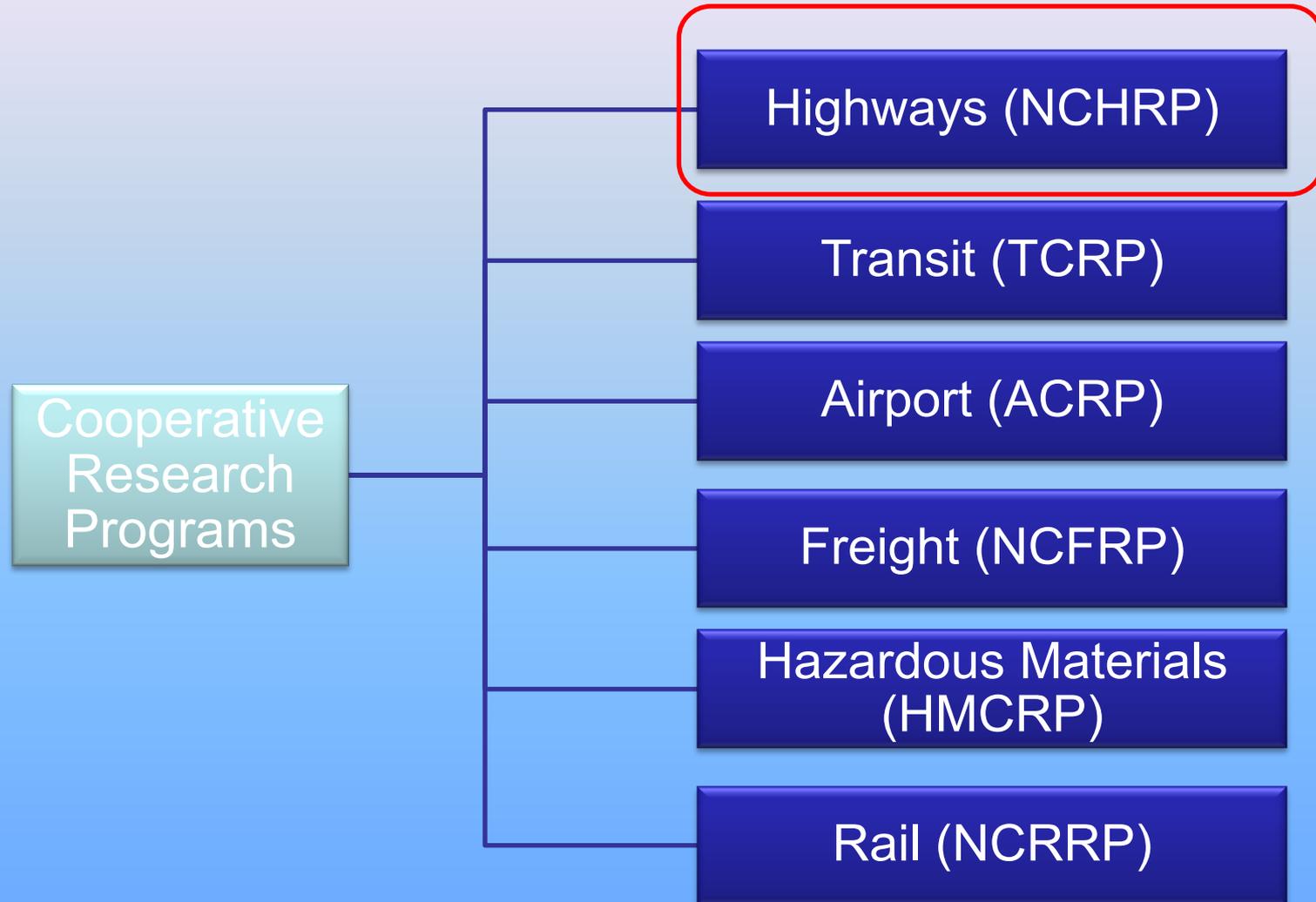
Railroad Operational Safety  
Transit Safety and Security

# Cross Cutting Critical Issues

- **Risk Analysis**
  - **Safety Culture**
  - **Fatigue Management**
- 
- **Automated/Connected Vehicles**

## **Focused Hot Topics**

- **Crash Prediction Models/Crash Modification Factors**
- **Toward Zero Deaths/Safety Culture**
- **Workforce Development**
- **Learning to Drive**
- **Nighttime Belt Enforcement**
- **Drug Impaired Driving**
- **Human Factors of Vehicle Automation**
- **Pedestrian and Bicycle Safety**



## **NCHRP Project Areas**

- **Pedestrians and Bicycles**
  - Volume Data
  - Planning Guidelines
- **Safety Analysis**
  - Prediction Models/Crash Modification Factors
  - Systemic Safety Analysis
- **Safety Management**
  - Safety Culture/Toward Zero Deaths
  - Serious Injury Data



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