**Center for Pedestrian and Bicyclist Safety**

**Call for Problem Statements – Year 3**

**Submit to** **cpbs@unm.edu** **by 5:00 PM (Mountain Time) on February 7, 2025**

**Project Title**

Please supply a succinct name for the proposed project.

*Enter response here*

**Research Priorities**

Please identify research priorities that this problem statement addresses (if applicable) by marking an **X** in the appropriate blue box. More details regarding CPBS priorities can be found in [CPBS’s Year 3 Strategic Plan](https://www.pedbikesafety.org/plans-reports).

|  |  |
| --- | --- |
|  | **Safety Data: Enhanced Crash Reporting** |
|  | *Crash narrative analysis using AI; develop ped/bike-specific fields; enhanced single-user crash reporting* |
|  | **Safety Design: Speed Management** |
|  | *Intelligent speed assistance; roadway design as speed management; evaluation of automated speed enforcement* |
|  | **Safety Culture & Behavior: Safe Systems & Vision Zero** |
|  | *What strategies are working for cities?; building a comprehensive culture of safety* |
|  | **Human-Technology Interaction:** **Distraction & In-Vehicle Devices** |
|  | *Enhanced distraction data collection; distraction at night; infrastructure’s role in distraction*  |
|  | **Safety Data: Perceived Safety Metrics (PLTS, BLTS, and Transit Access)** |
|  | *BLTS and PLTS validation or analysis; perceived and proactive safety* |
|  |  |

**Problem Statement**

Please describe the proposed problem and research question to be addressed. (500-word limit)

*Enter response here*

**Research Methodology**

Please describe the suggested approach to answer the research question. (500-word limit)

*Enter response here*

**Expected Deliverables/Outcomes**

Please describe the project outputs (e.g., technical paper, report, product, software, etc.) and how they will impact research, education, workforce development, and/or technology transfer. (500-word limit)

*Enter response here*

**Proposed Budget and Justification**

Please provide an approximate budget for the project and a basic description of how funds will be used. Please detail each university’s budget if multiple universities are involved. (500-word limit)

*Enter response here*

**Submitter Information**

|  |  |
| --- | --- |
| Name of Submitter |  |
| Title |  |
| Affiliation |  |
| E-mail of Submitter |  |
| Date Submitted |  |

**Collaborator #1 Information**

|  |  |
| --- | --- |
| Name of Collaborator |  |
| Title |  |
| Affiliation |  |
| E-mail |  |

**Collaborator #2 Information**

|  |  |
| --- | --- |
| Name of Collaborator |  |
| Title |  |
| Affiliation |  |
| E-mail |  |

Please contact CPBS Center Director Nick Ferenchak (ferenchak@unm.edu) or your university’s CPBS Associate Director with any questions.

**Problem Statement Scoring Rubric**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Category | **Problem** | **Methods** | **Transformative Outcomes** | **Alignment withStrategic Plan** | **Collaboration** | **Overall Ranking** |
| Rankings | 2: Unique perspective on a pressing need | 2: Well-detailed and appropriate approach | 2: Impacts multiple policies, tools, or patents | 2: Strongly addresses CPBS research priority | 2: Inter-institutional collaboration | Highly Competitive |
| 1: Medium-priority need | 1: Vague approach | 1: Impacts single policy, tool, or patent | 1: Weakly addresses CPBS research priority | 1: Intra-institutional collaboration | Competitive |
| 0: Low-priority need | 0: Approach not appropriate | 0: No details on policies, tools, or patents | 0: Does not address CPBS research priority | 0: No collaboration | Not Competitive |