

THE UNIVERSITY OF
ALABAMA[®]

**ATI Town Hall
1 October 2020**

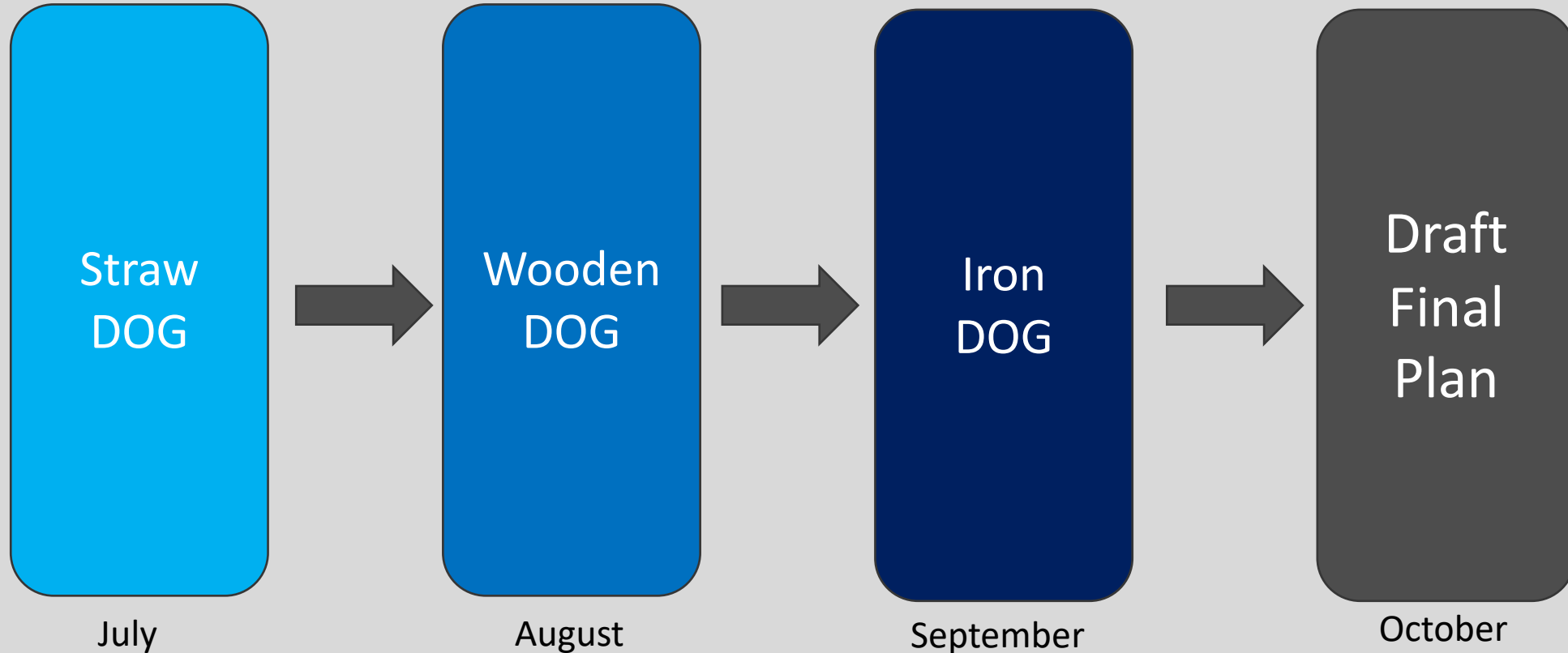
**ATI Research
Enterprise**

Today's Agenda

- Updates
- Brett Pennington
- Xinwu Qian
- Discussion



ATI Strategic Plan



Strategic Plan 2020-2024

Advancing Alabama's Economy, Safety, and
Quality of Life Through Transportation

\$85M

Helped obtain in federally-supported projects to help communities build their transportation infrastructure.

\$189M

in external funding to The University of Alabama

1.2B

Uses of ATI products in Alabama and beyond (as of October 2020)

241

107K

204

ATI Mission Statement

The mission of the Alabama Transportation Institute at The University of Alabama is to facilitate and reflect world-class leadership in interdisciplinary **transportation research** that serves the State of Alabama and beyond.

ATI Research Enterprise

2. Strategy 2 Metrics (Facilitate the transportation research, development and innovation portfolio):
 - a. Number/dollar amount of research proposals submitted to federal agencies.
 - b. Number/dollar amount of research proposals funded by federal agencies.
 - c. Number/dollar amount of research proposals submitted to state agencies, corporate entities or foundations.
 - d. Number/dollar amount of research proposals funded by state agencies, corporate entities or foundations.
 - e. Number/dollar amount of research grants and contracts currently in force funded by federal agencies.
 - f. Number/dollar amount of research grants and contracts currently in force funded by state agencies, corporate entities or foundations.
 - g. Number of peer-reviewed publications by UA faculty and research personnel.
 - h. Number of citations of publications by UA faculty and research personnel.
 - i. Number of presentations by UA faculty and research personnel.
 - j. Number of National committees (e.g., TRB, NCHRP, AASHTO, ATSIP, ASCE, ITE, etc.) led and participated in (Name, committee, role, term).

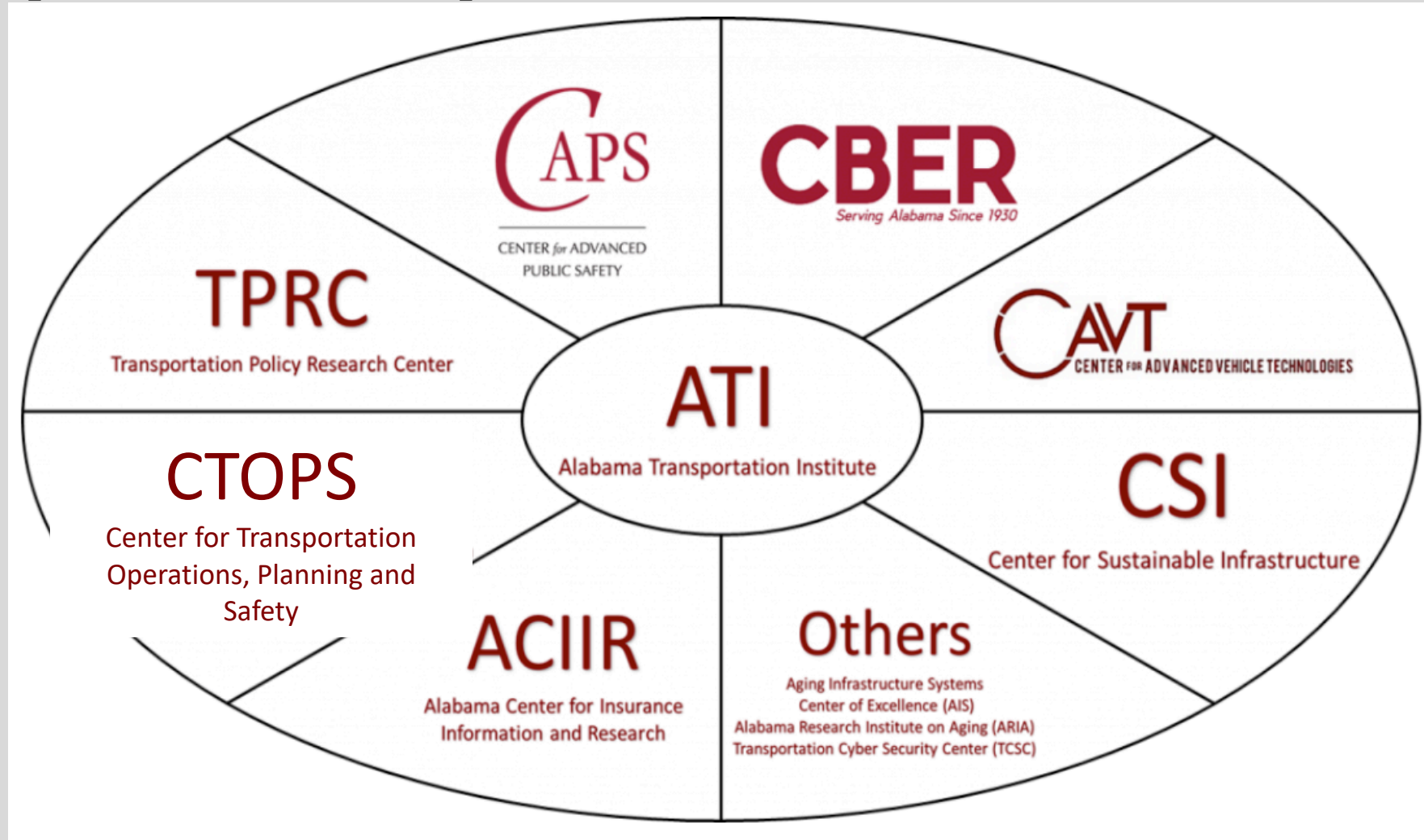
- d. Number of downloads of reports.
- e. Total dollar value of gifts.

4. Strategy 4 Metrics (Organize for efficiency of operations and to communicate value):
 - a. Percentage of ATI research and development personnel salaries funded by external grants and contracts.
 - b. Number of personnel employed by ATI

ATI Research Enterprise

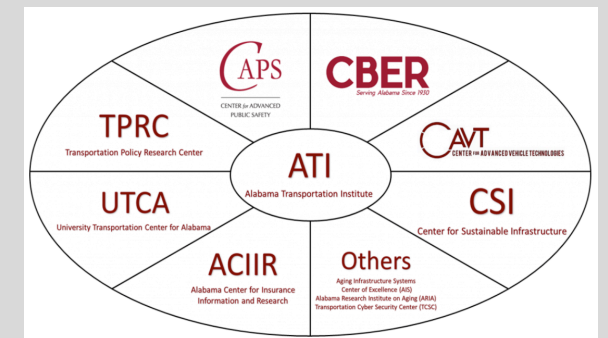
1. Facilitate the ATI research themes
 - a. **Support transportation research centers**
 - b. Support transportation collaboratories
 - c. Support transportation research affiliates

Support transportation research centers



Support transportation research centers

- Digital Transportation – CAPS, CTOPS
 - Connected Vehicles and Infrastructure – CTOPS, CVAT
 - Safety, Security and Accessibility – CTOPS, CAPS
 - Electric Vehicles and Fuel Economy - CAVT
 - Sustainable Transportation Infrastructure – CSI, CTOPS
-
- ACIIR, AWI, ALRI, Cyber Institute, ISSR, ATI collaboratories



ATI Research Enterprise

1. Facilitate the ATI research themes
 - a. Support transportation research centers
 - b. Support transportation collaboratories
 - c. Support transportation research affiliates

2. Drive the transportation research enterprise at UA
 - a. Identify funding opportunities
 - b. Research capacity building
 - c. Cultivate and support a strong research culture**
 - d. International presence

Speakers



Brett Pennington



Xinwu Qian