The DENSO North America Foundation (DNAF) seeks to support higher education engineering programs and student projects which promote and enhance the training required for entry into the automotive industry. One year grants of up to $50,000 will be awarded to higher education institutions to support this goal.

DNAF invites you to submit a grant proposal for support of a project that advances undergraduate student understanding and application of automotive products or systems. Proposals are sought for capital investment, student projects and/or research in one of the following areas:

- **Thermal**
  - Thermal control and management from cabin to engine including all related components (e.g. HVAC, radiator, compressor and associated heat exchangers)

- **Powertrain**
  - Propulsion control and system management covering all forms of propulsion both ICE and electric plus all related components (e.g. fuel systems, after treatment, power electronics, starting and charging)

- **Driver Interface**
  - Driver interaction within the vehicle including visual, touch and voice and the integration control of all those components (e.g. clusters, haptic devices, voice recognition and information display)

- **Safety**
  - External vehicle sensing and vehicle control to provide a safe driving environment for those in and around the vehicle (e.g. air bag sensors and systems, dedicated short range communication and crash mitigation systems and sensors)

- **Manufacturing**
  - Technologies that provide efficiencies to manufacturing processes (e.g. thermal de-oiling, brazing, assembly automation) and/or development of skilled labor talent

**Grant Goals:**

- Provide hands-on training for the application of automotive technologies
- Be innovative in thinking and practical in application
- Provide an environment for problem solving and team building

**Guidelines/Requirements:**

A. Grant proposal should include each of the following:
   - A problem statement
- An ultimate goal or objective
- An action plan including a timeline
- A clear explanation of how the activity contributes to student learning
- A complete estimated budget including a breakout of expenses for which this proposal seeks support.
- If naming rights are available, please provide a brief description of the anticipated naming and/or logo usage.

B. Proposals should be no longer than 5 pages
C. Grants must support undergraduate educational opportunity, research or programs
D. Funded projects should reach a diverse student body

Restrictions:

A. Previously awarded grant funding must be spent, or unspent amounts returned, prior to the issuing of a new grant
B. Grant funding will not be approved for salary or stipend expenses (faculty, staff or student) or travel related expenses
C. Institutions awarded multi-year grants are not eligible for new grants until the completion of the multi-year term

Key Dates:

- December 19, 2016 Request for Proposal Issued
- April 1, 2017 Proposals due/ Annual Activity Report Due
- April 1 – April 30 Proposal review and investigation
- May 1 - May 31 Board review/Determinations
- June 15 Determination notices and Agreements released
- July 1 Signed Agreements due
- July 1 – July 15 Grants released

Key Contacts:

Pete Cattelino
Associate Director, Industry Relations
7-3486
pjcatelino@mtu.edu