



# Dwight D. Eisenhower Transportation Fellowship

Local Competition @ University of New Mexico (2022)

Application deadline:

**Wednesday, August 31 @ 5:00 p.m.**



What is the Dwight D. Eisenhower  
Transportation Fellowship Program?

# Dwight D. Eisenhower Transportation Fellowship Program (DDETFP)

- ▶ Provides funding for students pursuing degrees in transportation-related disciplines and conducting transportation-related research
- ▶ Program objectives:
  - ❑ Attract nation's brightest minds to transportation
  - ❑ Enhance careers of transportation professionals by encouraging them to seek advanced degrees
  - ❑ Retain top talent in the United States transportation industry
- ▶ National competition:
  - ❑ Awards highly competitive grants to master and doctoral students only
  - ❑ The deadline for applying has already passed
- ▶ **Local competition @ UNM:**
  - ❑ **Awards competitive grants to undergraduates (juniors, seniors) as well as master and doctoral students**
  - ❑ **The deadline to apply is Wednesday, August 31, 2022 at 5:00 p.m. (See <https://ltap.unm.edu/funding/index.html> for details)**



## TRANSPORTATION RELATED ACADEMIC DISCIPLINES\*

### SCIENCES

Architecture  
Biology  
Chemistry  
Communication  
Computer Science  
Criminal Justice  
Environmental Science  
Information Systems  
Mathematics  
Physics

### BUSINESS

Accounting  
Business Administration  
Finance  
Economics  
Management

### HUMAN DEVELOPMENT

Human Factors  
Human Resources  
Psychology

### AVIATION

Aeronautical Studies  
Airway Science  
Aviation Flight Management  
Science

### ENGINEERING

Chemical Engineering  
Civil Engineering  
Construction Engineering  
Electrical Engineering  
Electronic Engineering  
Environmental Engineering  
Geotechnical Engineering  
Manufacturing Engineering  
Mechanical Engineering  
Structural Engineering  
Transportation Engineering

### LAW

Environmental  
Transportation

### PUBLIC POLICY & PLANNING

Public Policy and Analysis  
Public Administration  
Political Science/Government  
Urban and Regional Planning  
Urban Studies

### TRANSPORTATION

Logistics Management  
Planning  
Policy

\* Other Transportation-Related Academic Disciplines may be approved on a case by case basis by the FHWA Universities and Grants Programs, Program Manager.



# Award Amounts

- ▶ Funding is based on availability
- ▶ Fellowship award amounts will be based on rankings from the Local Selection Panel @ UNM
  - The Local Selection Panel includes a mix of UNM faculty and non-academic transportation professionals
- ▶ Award amounts range from \$1,500 to \$10,000 per academic year
- ▶ The first \$1,500 of each award covers the costs of attending the Annual Meeting of the Transportation Research Board in Washington D.C. in January 2023
- ▶ Any remaining award amounts can cover stipend, tuition, fees, or any combination of the three

# TRB Annual Meeting includes a DDETFP “Research Showcase”



# Eligibility Requirements

- ▶ **Graduate students and full-time undergraduates with junior or senior standing may apply**
  - ▶ **All applicants (undergraduate and graduate) must:**
    - ▶ Have at least one full academic year remaining in program of study
    - ▶ Be enrolled full-time for the entire academic year
    - ▶ Be pursuing a degree in a transportation-related discipline
    - ▶ Conduct ongoing research on a transportation-related topic
    - ▶ Plan to enter the transportation profession after completing school
  - ▶ **Graduate applicants must:**
    - ▶ Possess baccalaureate degree from, or be a confirmed graduating undergraduate senior at, an Institution of Higher Education (IHE) this is: (1) accredited by a federally-recognized accrediting agency and (2) located within the U.S. or its territories
    - ▶ Demonstrate confirmation of acceptance in an advanced degree program
- ❖ *Please note that students can only receive a DDETFP Local Competition Fellowship for a maximum of two consecutive years from the same IHE*



# Can foreign students apply?

## Yes, but...

- ▶ If you are not a U.S. citizen, you must provide a valid copy of your:
  - ❑ Student and Exchange Visitor Information System (SEVIS) Form I-20 (issued by UNM), or
  - ❑ Form I-20 "Certificate of Eligibility for Nonimmigrant Status," or
  - ❑ Form I-551 "Permanent Resident Card" issued by the U.S. Citizenship & Immigration Service (USCIS)
- ▶ If you are a graduate student:
  - ❑ You must have bachelor's degree from an Institution of Higher Education (IHE) that is accredited by a federally-recognized accrediting agency.
  - ❑ Your IHE must be located (physically and administratively) within United States or its territories.





# Program Requirements

## ► All fellowship recipients must:

1. Attend the [Annual Meeting](#) of the Transportation Research Board (TRB) in Washington, D.C. (January 8 -12, 2023)
2. Prepare a thesis/dissertation or research paper on a transportation-related topic
  - Your faculty advisor must approve your topic
3. Give a presentation on the research project either at UNM, at the TRB Annual Meeting, or both
4. Deliver a “Final Student Report” (i.e., your thesis/dissertation or research paper) to the Campus Program Manager for the DDETFP Local Competition @ UNM

❖ *Please note that all DDETFP award recipients must provide a Final Student Report, even if the level of funding received is sufficient only to cover the cost of attending the TRB Annual Meeting.*



# Allowable Research Topics

## Your research can address:

- ▶ Any transportation mode
  - Examples: buses, cars, pedestrians, bicycles, air freight, trucks, light rail, ships, etc.

OR

- ▶ Any topic related to transportation in a meaningful way
  - Examples: uses of transportation corridors as wildlife habitat, impacts of transportation decision-making on equity, traveler safety, vehicle energy use, transportation funding, sidewalk accessibility, etc.



# Student Application Package

- ▶ Student File Information Sheet
- ▶ SF 424 Individual
- ▶ Narratives
  - ▶ Personal Statement
  - ▶ Research Plan/Plan of Study and Impact Statement
- ▶ Official Transcripts
- ▶ Resume
- ▶ Two letters of recommendation (*one from your Advisor*)

All application materials are available at: <http://ltap.unm.edu/funding/>

# Student File Information Sheet

<b>FELLOWSHIP CATEGORY</b>	<input type="checkbox"/> HBCU	<input type="checkbox"/> HSI	<input type="checkbox"/> TCU	<input type="checkbox"/> API	<input type="checkbox"/> CC
<b>STUDENT NAME</b>					
	<i>Prefix</i>	<i>First Name</i>	<i>Last Name</i>		
<b>RACE (optional)</b>			<b>ETHNICITY (optional)</b>		
<input type="checkbox"/> American Indian			<input type="checkbox"/> Hispanic or Latino		
<input type="checkbox"/> Alaskan Native			<input type="checkbox"/> Not Hispanic or Latino		
<input type="checkbox"/> Asian			<input type="checkbox"/> Hispanic or Latino in Puerto Rico		
<input type="checkbox"/> African/African American			<input type="checkbox"/> Not Hispanic or Latino in Puerto Rico		
<input type="checkbox"/> Native Hawaiian/Other Pacific Islander					
<input type="checkbox"/> White					
<input type="checkbox"/> Other					
<b>Check one box and place X to indicate your status as of September 1<sup>st</sup> of the application year:</b>					
<input type="checkbox"/> Associates	<input type="checkbox"/> Bachelors	<input type="checkbox"/> Masters	<input type="checkbox"/> Doctoral		
___ 1 <sup>st</sup> Year	___ Junior	___ 1 <sup>st</sup> Year	___ 1 <sup>st</sup> Year	___ 3 <sup>rd</sup> Year	
___ 2 <sup>nd</sup> Year	___ Senior	___ 2 <sup>nd</sup> Year	___ 2 <sup>nd</sup> Year	___ 4 <sup>th</sup> Year	
College / University			Applicant's Major		
Academic Department			Applicant's Field of Study		
<b>Faculty Advisor Name:</b>			<b>Campus Program Manager Name:</b>		
Title:			Title:		
Telephone No.:			Telephone No.:		
E-mail Address:			E-mail Address:		

## STUDENT APPLICATION CONTENT CHECKLIST

- Complete Student File Information Sheet
- SF 424 Individual
- Application Essays
  - Personal Statement: Include relevant background and future goals. Please outline your educational and professional development plans as well as your career goals. Describe how your education will prepare you for a career in transportation (Limit 8000 characters).
  - Research/Study Plan & Impact Statement: Summarize both your plan of study and research plan. Describe how your research will impact and enhance the field of transportation; contribute to an understanding of transportation; and/or provide societal benefits. The proposed research must be conducted in the approved transportation-related academic disciplines (Limit 8000 characters).
- Resume
- 2 Letters of Recommendation (one of the letters of recommendation must be from current Faculty Advisor)



# Form SF-424

- ▶ We'll fill in as much as possible for you
  - ▶ Check our website for updated versions
- ▶ In the meantime, use these input values:
  - ▶ Date received: August 31, 2022
  - ▶ Project start date: October 1, 2022
  - ▶ Project end date: August 1, 2023

# SF-424 Individual

<a href="#">View Burden Statement</a>		OMB Number 4040-0005 Expiration Date: 01/31/2023
<b>APPLICATION FOR FEDERAL ASSISTANCE SF 424 - INDIVIDUAL</b>		
<b>* 1. NAME OF FEDERAL AGENCY:</b> USDOT/FHWA		
<b>2. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER:</b> <input type="text"/>	<b>CFDA TITLE:</b> <input type="text"/>	
<b>* 3. DATE RECEIVED:</b> <input type="text"/>		
<b>* 4. FUNDING OPPORTUNITY NUMBER:</b> 693JJ318NF5228-2020		
<b>* TITLE:</b> Dwight David Eisenhower Transportation Fellowship Program (DDEIFP) Local Competition at Designated Institutions of Higher Education		
<b>5. APPLICANT INFORMATION</b>		
<b>a. Name and Contact Information</b>		
Prefix: <input type="text"/>	<b>* First Name:</b> <input type="text"/>	Middle Name: <input type="text"/>
<b>* Last Name:</b> <input type="text"/>		Suffix: <input type="text"/>



# Personal Statement



- ▶ Your Personal Statement should include:
  - ▶ Relevant information about your background, your educational and professional development plans, and your career goals
- ▶ It should describe how your education will prepare you for a career in transportation
- ▶ Limit = 8000 characters (including both words and spaces)



# Research Plan & Impact Statement

- ▶ Your Research Plan & Impact Statement should summarize:
  - ▶ Both your plan of study and your research plan
- ▶ You should describe how your research will:
  - ▶ Impact and enhance the field of transportation
  - ▶ Contribute to an understanding of transportation
  - ▶ Provide societal benefits
- ▶ Remember, your proposed research must be conducted in one of the approved transportation-related academic disciplines
- ▶ Limit = 8000 characters (including both words and spaces)





# Evaluation Criteria for Ranking Student Applications

1. Academic record
2. Proposed research plan/plan of study and impact statement
3. Potential for outstanding career in transportation
4. Recommendations
5. Academic and personal achievement



# The Evaluation Process – Ranking Criteria

*Scoring of applications will involve distributing 100 points across five merit-based evaluation criteria. The weighting of each criterion reflects an emphasis on selecting our highest achieving students who have proposed the most impactful research projects and have demonstrated an interest in pursuing a career in the transportation field.*

## **Academic record (30 points)**

How successfully has the applicant completed coursework to date? How well has the applicant performed in the past year? How well has the applicant performed in any transportation related courses that may have been completed? What is the applicant's overall grade point average?

## **Proposed research / study plan and impact statement (30 points)**

Will the applicant's proposed research be conducted in one of the approved transportation-related academic disciplines? (See list.) Has the applicant successfully demonstrated how the proposed plan of study and research plan will impact and enhance the field of transportation, contribute to an understanding of transportation, and/or provide societal benefits? How significant is the proposed research project in terms of intellectual merit, potential impacts on the transportation field and benefits to society?

## **Potential for outstanding career in transportation (20 points)**

How successfully do the applicant's personal statement and resume demonstrate potential for an outstanding career in transportation? Has the applicant clearly summarized long-range professional goals in transportation? Does the applicant have any notable research or work experience in transportation or in some other field that might contribute directly to success in the transportation field?

## **Recommendations (10 points)**

What is the caliber of the recommendation provided by each reference? Are the individuals who have recommended the applicant sufficiently qualified and experienced to assess the applicant's capacity to successfully complete the proposed research / study?

## **Academic and personal achievement (10 points)**

To what extent has the applicant demonstrated leadership, outstanding character, or significant personal accomplishments in an academic or other setting? Evidence of academic and personal achievement may include but is not limited to: participation in campus and community service organizations or events; leadership roles in student sections of professional societies; receipt of merit-based scholarships, assistantships and other awards; and scholarly publications and creative works.



# Questions?

**Presented by:**

Claude Morelli, AICP, PTP, UNM Dept. of Civil, Construction & Environmental Engineering

Email: [morellic@unm.edu](mailto:morellic@unm.edu)

For more information, please visit <http://ltap.unm.edu/funding/>