Funding for Education Research

• Federal
  • U.S. Department of Education
  • Institute of Education Sciences
  • National Science Foundation (STEM)
  • Others

• State – Michigan Department of Education

• Foundation
US Department of Education

• ED's mission is to promote student achievement and preparation for global competitiveness by fostering educational excellence and ensuring equal access
• Discretionary Grants – US ED selects the recipients based on merit and eligibility
• Applications submitted via grants.gov
ED Program Offices

- **Institute for Education Sciences (IES)**
  - Research, evaluation, and statistics to provide solutions for schools and learners.

- **Office of Special Education and Rehabilitative Services (OSERS)**
  - Improve academic achievement for all students, and particularly for those whose prospects are hindered by inadequate education services and other conditions.

- **Office of Innovation and Improvement (OII)**
  - Innovative educational programs and practices.

- **Office of Postsecondary Education (OPE)**
  - Significant reforms and improvements in postsecondary education

- **Office of Elementary and Secondary Education (OESE)**
  - All matters related to elementary and secondary education.

- **Office of Educational Technology (OET)**
  - Transformational learning experiences powered by technology

- **Office of Educational Technology (OET)**
  - Transforming education through the power of technology

https://www2.ed.gov/fund/grant/about/grantmaking/grantmaking.pdf
Finding ED Grant Opportunities

- Opportunities published in the Federal Register
- Open Discretionary Grants: https://www2.ed.gov/fund/grant/apply/grantapps/index.html
- ED Grants Forecast: https://www2.ed.gov/fund/grant/find/edlite-forecast.html
### Apply for a Grant

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<thead>
<tr>
<th>Grant Title</th>
<th>Grant Information</th>
<th>Due Date</th>
<th>Apply</th>
</tr>
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<tbody>
<tr>
<td>Office of Postsecondary Education (OPE): Student Support Services (SSS)</td>
<td>Eligibility $Funding More</td>
<td>01/27/20</td>
<td>Apply</td>
</tr>
<tr>
<td>Program CFDA Number 84.042A</td>
<td>Funding</td>
<td></td>
<td></td>
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<tr>
<td>Funding Amounts</td>
<td>Estimated Total Program Funding: $313,849,000</td>
<td></td>
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<tr>
<td>Award Ceiling: $253,032</td>
<td>Expected Number of Awards: 1069</td>
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</tr>
<tr>
<td>Office of Elementary and Secondary Education (OESE): College Assistance Migrant Program (CAMP) CFDA Number 84.149A</td>
<td>Eligibility $Funding More</td>
<td>01/28/20</td>
<td>Apply</td>
</tr>
<tr>
<td>Learn More</td>
<td>Federal Register Notice published on December 2, 2019</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Program Information on ED.gov</td>
<td></td>
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</tr>
<tr>
<td>Office of Elementary and Secondary Education (OESE): High School Equivalency Program (HEP) CFDA Number 84.141A</td>
<td>Eligibility $Funding More</td>
<td>01/28/20</td>
<td>Apply</td>
</tr>
<tr>
<td>Who Can Apply</td>
<td>Eligible Applicants: An IHE or a private nonprofit organization may apply for a grant to operate a HEP project. If a private nonprofit organization other than an IHE applies for a HEP grant, that agency must plan the project in cooperation with an</td>
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</table>
Applicant Information

Timeline
This program operates on a five-year grant cycle
Last Competition: FY 2015
Applications Available: December 17, 2019
Deadline for Transmitting Applications: January 27, 2020

Federal Register Notices
- Notice Inviting Applications for New Awards for FY 2020: PDF (291K)

Current Application
The FY 2020 Student Support Services application package can be found on Grants.gov.
FY 2020 SSS Application: Please click the Grants.gov link above to access the SSS application.
If you use a telecommunications device for the deaf (TDD) or a text telephone (TTY), call the Federal Relay Service (FRS), toll free, at 1-800-877-8339. Individuals with disabilities can obtain a copy of the application package in an accessible format (e.g., braille, large print, audiotape, or compact disc) by contacting the program contact person listed in this section.
The Federal Register Notice is often only part of the story.
Read the Funding Announcement

• Program purpose
• Priorities
• Award information – number of awards, maximum size
• Eligibility information
• Application instructions
• Scoring criteria
Priorities

• **Absolute**: an absolute preference/focus that must be met. If the absolute priority is not addressed, the application will not be considered eligible for funding.

• **Competitive**: gives a preference to applications that address a specified topic, approach, or target population, usually in the form of additional points being added to the peer review score.

• **Invitational**: applicants are encouraged to address a specific topic but applicant will not receive any competitive preference points if the invitational priority is not addressed.

[https://www2.ed.gov/fund/grant/about/grantmaking/grantmaking.pdf](https://www2.ed.gov/fund/grant/about/grantmaking/grantmaking.pdf)
Common Selection Criteria for ED applications

• **Quality of the project design** – how well the proposed project is developed. (Point range 30-50)

• **Quality of project evaluation** – the quality of the evaluation that will be conducted of the proposed project. (Point range 10-40)

• **Need for the project** – applicant identifies the magnitude or severity of the problem that will be addressed by the proposed project. (Point range 10-25)

• **Significance** – the importance of the problem or issues to be addressed. (Point range 15-25)

[https://www2.ed.gov/about/offices/list/osdfs/grantwrite101.pdf](https://www2.ed.gov/about/offices/list/osdfs/grantwrite101.pdf)
Selection Criteria (cont)

• **Quality of management plan** – the quality of the plan for managing the proposed project. (Point range 5-20)

• **Quality of project services** – quality of the services to be provided by the proposed project. (Point range 20-25)

• **Quality of project personnel** – quality of the personnel that will carry out the proposed project. (Point range 5-10)

• **Adequacy of resources** – demonstration that resources are sufficient to carry out the project. (Point range 10-30)
The Institute of Education Sciences supports research that addresses important issues in education and develops solutions that improve school readiness and academic achievement for all students.
Finding Funding Opportunities

• Sign up for the IES Newsflash

• Funding opportunities are announced in *The Federal Register*

• Funding opportunities page of the [IES website](https://ies.ed.gov/funding/webinars/ppt/BasicOverview_FY2020.pptx)

• Recently, deadlines in August each year.

• LOIs due in July
## FY 2020 IES Grant Programs (CLOSED)

<table>
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<th>NCER</th>
<th>NCSER</th>
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<td>Education Research Grants</td>
<td>Special Education Research Grants</td>
</tr>
<tr>
<td>Research Grants Focused on Systematic Replication</td>
<td>Research Grants Focused on Systematic Replication in Special Education</td>
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<tr>
<td>Research Training Programs in the Education Sciences</td>
<td>Research Training Programs in Special Education</td>
</tr>
<tr>
<td>Education Research and Development Centers</td>
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<tr>
<td>Statistical and Research Methodology</td>
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Primary Grant Programs

• 84.305A Education Research Grants
• 84.324A Special Education Research Grants

• Apply to a Research Topic and a Project Type
  • Topic: field you will be working in
  • Project Type: type of work you will be doing

### Topics

<table>
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<tr>
<th>305A Education Research</th>
<th>324A Special Education Research</th>
</tr>
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<tbody>
<tr>
<td>Career and Technical Education</td>
<td>Autism Spectrum Disorders</td>
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<tr>
<td>Cognition &amp; Student Learning</td>
<td>Cognition &amp; Student Learning in Special Education</td>
</tr>
<tr>
<td>Early Learning Programs &amp; Policies</td>
<td>Early Intervention &amp; Early Learning in Special Ed</td>
</tr>
<tr>
<td>Education Technology</td>
<td>Professional Development for Educators &amp; School-Based Service Providers</td>
</tr>
<tr>
<td>Effective Instruction</td>
<td>Special Education Policy, Finance and Systems</td>
</tr>
<tr>
<td>English Learners</td>
<td>Reading, Writing, &amp; Language Development</td>
</tr>
<tr>
<td>Improving Education Systems</td>
<td>Science, Technology, Engineering, and Mathematics Education</td>
</tr>
<tr>
<td>Reading &amp; Writing</td>
<td>Social and Behavioral Outcomes to Support Learning</td>
</tr>
<tr>
<td>Postsecondary and Adult Education</td>
<td>Technology for Special Education</td>
</tr>
<tr>
<td>Science, Technology, Engineering, and Math Ed</td>
<td>Transition Outcomes for Secondary Students with Disabilities</td>
</tr>
<tr>
<td>Social and Behavioral Context for Academic Learning</td>
<td>Families of Children with Disabilities</td>
</tr>
</tbody>
</table>

Project Type

• Exploration
• Development and Innovation
• Initial Efficacy and Follow-Up
• Replication*
• Measurement

* In FY2020 this project type was not available under the primary research grants
### Exploration
Where is education improvement needed? What might help?
- What aspects of the education system could change to improve student outcomes?
- What factors are associated with student outcomes?
- How do these associations vary by context?

### Development & Innovation
Does this new approach improve education outcomes in pilot tests and is it feasible?
- Can a new intervention be developed and refined with iterative testing?
- Is the new intervention feasible for end users to implement in authentic education settings?
- Will this new intervention improve education outcomes in small-scale testing?
- How much does it cost to implement this approach?

### Efficacy & Follow-Up
Does this previously untested approach improve education outcomes?
- Will a fully developed intervention that has not been previously evaluated improve education outcomes relative to a comparison condition?
- Was the approach implemented as expected?
- What works for whom, in what contexts, and why?
- How much does it cost to implement this approach and what is the cost effectiveness?

### Replication: Efficacy & Effectiveness
Does this previously evaluated approach improve education outcomes?
- Will a fully developed intervention with prior evidence of efficacy improve student outcomes when implemented under the same or different conditions?
- When replicated, was the approach implemented as expected?
- What works for whom, in what contexts, and why?
- How much does it cost to implement this approach and what is the cost effectiveness?

### Measurement
Is this a valid and reliable measure of education outcomes?
- Can a new measure of education outcomes be developed and validated?
- Is this previously developed measure reliable and valid for assessing student, teacher, or school outcomes?
Project Narrative: Required Sections

1. Significance - describe your research question or questions to be answered and the theoretical, empirical and practical justification.

2. Research Plan – describe the work you intend to do

3. Personnel- Qualifications and experience of each member of the team and time commitment.

4. Resources – institutional capacity; describe resources available and plan for obtaining necessary resources
## Appendices

<table>
<thead>
<tr>
<th>Appendix</th>
<th>Content to be included</th>
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<tbody>
<tr>
<td>A</td>
<td>Dissemination Plan (<strong>required for all applications</strong>)</td>
</tr>
<tr>
<td>B</td>
<td>Response to Reviewers (<strong>required for resubmitted applications</strong>)</td>
</tr>
<tr>
<td>C</td>
<td>Figures, charts, and tables that supplement the project narrative; examples of measures to be used in the project (optional)</td>
</tr>
<tr>
<td>D</td>
<td>Examples of materials to be used in the intervention or assessment that is the focus of your project (optional)</td>
</tr>
<tr>
<td>E</td>
<td>Letters of agreement from partners, data sources, and consultants (optional)</td>
</tr>
<tr>
<td>F</td>
<td>Data Management Plan (<strong>required for applications to Initial Efficacy and Follow Up</strong>)</td>
</tr>
</tbody>
</table>
Peer Review Process

• Applications are reviewed for compliance and responsiveness to the RFA
• Applications that are compliant and responsive are assigned to a review panel
• Two or three panel members conduct a primary review of each application
• Scoring
  o Triage
  o Full panel review

https://ies.ed.gov/funding/webinars/ppt/GrantWriting_FY2020.pptx
IES Tips and Resources

- Read the Request for Applications
- Look at abstracts of funded projects
  - NCER Projects
  - NCSER Projects
- Download the IES Application Submission Guide
- View IES on-demand webinars
  - Funding Opportunity Webinars
- Review Resources for Researchers
- Common Guidelines for Education Research and Development (IES and NSF)
- Contact your IES Program Officer
Education and Human Resources (EHR)

• EHR supports excellence in U.S. STEM education at all levels, in all settings for the development of a diverse and well-prepared workforce of scientists, technicians, engineers, mathematicians and educators and a well-informed citizenry.
EHR Themes

- Learning & Learning Environments
- Broadening Participation & Institutional Capacity
- Workforce Development

NSF Grants Conference Spring 2018
# EHR Program Overview

<table>
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<tr>
<th><strong>EHR Division</strong></th>
<th><strong>Learning and Learning Environments</strong></th>
<th><strong>Broadening Participation</strong></th>
<th><strong>Workforce Development</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Research on Learning (DRL)</td>
<td>ECR*</td>
<td>AISL DR-K12</td>
<td>ITEST STEM+C CSforALL</td>
</tr>
<tr>
<td>Undergrad Education (DUE)</td>
<td>ECR*</td>
<td>IUSE S-STEM</td>
<td>ATE Noyce</td>
</tr>
<tr>
<td>Graduate Education (DGE)</td>
<td></td>
<td></td>
<td>ECR* SFS GRF / GRIP IGE NRT</td>
</tr>
<tr>
<td>Human Resource Development (HRD)</td>
<td>ADVANCE AGEP HBCU-UP TCUP</td>
<td>ECR* LSAMP</td>
<td>PAEMST &amp; PAESMEM CREST</td>
</tr>
</tbody>
</table>
Research and Evaluation in EHR Proposals

All EHR awards should contribute to knowledge about STEM learning and learning environments, workforce development, or broadening participation.

Research
- Is integral to the project
- Contributes to generalizable knowledge
- Includes appropriate methods, depending on the research questions (qualitative, quantitative, or mixed methods)

Evaluation
- Projects have a way to assess process or outcomes
- Identifies an independent, external evaluator, depending on program solicitation requirements
NSF Tips and Resources

• Subscribe to NSF updates (select programs and topics of interest)
• List of all EHR Programs by Division
• Active EHR funding opportunities
• NSF Proposal & Awards Policy & Procedure Guide (PAPPG) –
  • New version released every year (one should be coming out soon)
  • Part II contains proposal preparation instructions
• Submissions via Fastlane or Research.gov
• Register for an NSF Account via Research.gov (or make sure your account is up to date)
Other Federal Agencies

- **National Institutes for Health** (NIH) – **R25 Education Projects** provide support for biomedical education, training, technical assistance, coordination, and evaluation projects. For currently available R25 grants, [search here](#) using keyword “R25.”

- **National Endowment for the Humanities – Division of Education Programs** – supports humanities education through programs aimed primarily at program and curriculum development and through professional development opportunities for K-12 and higher education faculty.

- **Department of Defense (DOD) - The National Defense Education Program (NDEP)** - seeks innovative applications on mechanisms to implement STEM education, outreach, and/or workforce initiative programs.
Michigan Department of Education

- Limited opportunities for IHEs to apply directly
- Check the [MDE website](#) for current opportunities
- WMU may be a subaward or collaborator with a school district or education agency on their funding from MDE
- MDE uses MEGS for grant submissions – plan ahead!
Foundation Funding

- **Alfred P. Sloan Foundation – Science Education** provides grants that promote access to the scientific enterprise, disseminate information about scientific and technical careers, and encourage innovation in the structure of scientific training.

- **American Educational Research Association (AERA)** provides small grants, fellowships, and training for researchers who conduct studies of education policy and practice using quantitative methods and including the analysis of data from the large-scale data sets sponsored by National Center for Education Statistics (NCES) and the National Science Foundation (NSF).

- **Charles Stewart Mott Foundation** funds efforts to expand learning opportunities and supports for children, particularly those from low- and moderate-income communities.
Foundation Funding (cont)

• **Lumina Foundation for Education** supports and expands access to postsecondary education in the United States, particularly for students of low income or other underrepresented groups. The three main themes focused on are: access, success, and adult learners.

• **National Education Association (NEA) Foundation** provides grants and assistance to teachers, education support personnel, and higher education faculty and staff to improve student learning in the nation’s public schools.

• **Spencer Foundation** supports high-quality, innovative research with the potential to advance the understanding and improvement of education.

• **William T. Grant Foundation** invests in educational research, policy analyses, and evaluations of interventions that use evidence-based approaches.
Tips and Resources for Foundations

• Subscribe to the Philanthropy News Digest Alerts and Newsletters
• Not all foundations accept unsolicited proposals – look at the website carefully for information on how to apply
• Foundations often restrict giving to specific geographic regions
• Some foundations require 501c3 status – must apply through WMU Foundation (but you will still work with our office)
• Foundation Directory Online
Coming Up:

February 18, 2020
Resubmissions

Location:
College of Arts and Sciences
3025 Brown Hall

https://wmich.edu/research/discovery-acceleration-workshops19-20