



Memorandum

TO: Members of the MLDS Governing Board
FROM: Ross Goldstein, Executive Director
DATE: February 27, 2017
SUBJECT: Proposed Grants

Purpose

The MLDS Center has been asked to provide support for three grant proposals. The Center is seeking the Governing Board's approval at the March 9th meeting, to commit to supporting each of these grant opportunities.

Summary

Computer Science for All – The goal of this National Science Foundation (NSF) grant is to expand computer science education throughout the state as a critical component of education and workforce development. The grant is being sought by USM (lead) and MSDE. The Center's participation will focus on evaluating the effectiveness of state and federally funded programs to increase computer science education in Maryland.

Minority Youth Violence Prevention – The goal of this Department of Health and Human Services grant is to identify innovative approaches to significantly reduce the prevalence and impact of youth violence among racial and ethnic minority and disadvantaged at-risk youth. The grant is being sought by the University of Maryland, Baltimore (UMB) School of Social Work. The Center's participation will focus on evaluating the federally funded education program established by the grant.

Post-Doctoral Fellow - UMB is asking for proposals from faculty to host a two-year post-doctoral fellow. The cost of the fellow is paid by the university. Dr. Henneberger (UMB faculty and Research Director for the MLDS) is seeking to submit a proposal to mentor a fellow and have that fellow join the research team to work on Center Research Agenda related projects under her direction. While this is not technically a grant, to be fully transparent, the Center is seeking Board approval through the grant review process.

Action

I request the Governing Board approve the Center's participation with each of the grants.

Attachment

Grant Notification Checklists.



Grant Notification Checklist	
Reference Number	NSF 17-525
Reference Name	Computer Science for All (CS for All: RFP) Researcher Practitioner Partnerships
Timeline	
Date MLDS Center became aware of the grant.	February 14, 2017
Date notification is being provided by MLDS to data sharing agencies	February 23, 2017
Deadline for data sharing agency to respond.	March 9, 2017
Notification	
MSDE	<ul style="list-style-type: none"> ✓ Chandra Haislet, Director of Accountability Branch ✓ Elizabeth Kameen, Principal Counsel
MHEC	<ul style="list-style-type: none"> ✓ Jon Enriquez, Director of Research ✓ Mark Blom, Principal Counsel
DLLR	<ul style="list-style-type: none"> ✓ Michael Harrison, Director of Policy ✓ Jessica Carter, Principal Counsel
Grant Information	
Source/Grantor	National Science Foundation
Application Due Date	February 28, 2017
Will approval be required prior to the next Governing Board meeting?	<ul style="list-style-type: none"> ✓ Yes <input type="checkbox"/> No
Recipient	<ul style="list-style-type: none"> <input type="checkbox"/> MLDS ✓ MLDS is supporting the application of: USM (lead - Nancy Shapiro) and MSDE (Pat Mikos)

Attach Grant Notice/RFP	See Attached
Approximate funding amount requested.	\$2 to \$3 million
Research and Evaluation	
Summary of the purpose of the grant and its proposed aims.	Expanding computer science education throughout the state as a critical component of education and workforce development.
Description of how the proposed grant project fits within and addresses a MLDS Research Agenda question or how the proposed grant conducts an audit and/or evaluation of a state or federally funded education program.	This grant and the research requested of the MLDS Center is consistent with the Research Agenda question regarding: <i>Assess STEM post-graduate student state and regional job acceptance and retention.</i>
Description of how the proposed grant conducts an audit and/or evaluation of a state or federally funded education program.	The MLDS research will evaluate the effectiveness of state and federally funded programs to increase computer science education in Maryland.
Describe the documents or reports that will be published or created as a result of this grant project	Research output to include STEM participation dashboards and reports and analyses on program outcomes.
Required Data	
MLDS Data and Level of Access that will be necessary for completion of grant activities. Include the following:	
1. The data fields to be queried	<u>MSDE</u> - course taking data (SCGT), attendance data, and Assessment data (specifically AP assessments) <u>MHEC</u> enrollment, course, and degree information, <u>DLLR</u> - UI wage data
2. The data source/contributor	MSDE, MHEC, and DLLR
3. The level of data (unit-record / individual level de-identified data, or de-identified, aggregate data)	Unit record de-identified data
4. MLDS data set(s) to which	Unit record data in the operational data store will be required.

researchers will need access	
5. When any resultant data sets will be destroyed	Data sets created for this project will be destroyed at the completion of the project. The project is for a maximum of years.

Researchers				
Name	Institution/Affiliation	Current Authorized Staff?	Will Researcher need to become authorized staff?*	CV Attached
Jandelyn Plane	UMCP	No	Yes	✓
Megan Garvin	UMBC	No	Yes	✓
Marie desJardin	UMBC	No	Yes	✓

If yes, the researcher will be appointed as authorized staff following the successful completion of the Center's Staff Authorization Form, including the confidentiality and non-disclosure certifications required under FERPA and federal and state unemployment insurance regulations.

This Checklist was completed by: Ross Goldstein, ross.goldstein@maryland.gov,
410-706-2087



Grant Notification Checklist	
Reference Number	MP-YEP-17-001
Reference Name	Minority Youth Violence Prevention II: Integrating Social Determinants of Health and Community Policing Approaches
Timeline	
Date MLDS Center became aware of the grant.	February 13, 2017
Date notification is being provided.	February 24, 2017
Deadline for data-sharing agency to respond.	March 10, 2017
Notification	
MSDE	<input checked="" type="checkbox"/> Chandra Haislet, Director of Accountability Branch <input checked="" type="checkbox"/> Elizabeth Kameen, Principal Counsel
MHEC	<input checked="" type="checkbox"/> Jon Enriquez, Director of Research <input checked="" type="checkbox"/> Mark Blom, Principal Counsel
DLLR	<input checked="" type="checkbox"/> Michael Harrison, Director of Policy <input checked="" type="checkbox"/> Jessica Carter, Principal Counsel
Grant Information	
Source/Grantor	DHHS, Office of Minority Health
Application Due Date	April 4, 2017
Will approval be required prior to the next Governing Board meeting?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Recipient	<input type="checkbox"/> MLDSC <input checked="" type="checkbox"/> MLDSC is supporting the application of: <u>UMB SSW</u>

Attach Grant Notice/RFP	See Attached
Approximate funding amount requested.	\$325,000 to \$425,000 per year for four years
Research and Evaluation	
Summary of the purpose of the grant and its proposed aims.	To identify innovative approaches to significantly reduce the prevalence and impact of youth violence among racial and ethnic minority and/or disadvantaged at-risk youth; and to support interventions tailored to at-risk racial and ethnic minority and/or disadvantaged youth (ages 12-18 at start of project) and requires cohort of no fewer than 50 youth participate throughout the project.
Description of how the proposed grant project fits within and addresses a MLDS Research Agenda question or how the proposed grant conducts an audit and/or evaluation of a state or federally funded education program.	The MLDS Center will be evaluating the federally funded education program established by this grant.
Description of how the proposed grant conducts an audit and/or evaluation of a state or federally funded education program.	The Center will receive data indicating students who are participants in the program. The Center will incorporate that data into the MLDS and produce reports showing the outcomes of the students who were the participants in the program in comparison to similar students who did not participate in the program. The types of outcomes will be postsecondary attainment and workforce.
Describe the documents or reports that will be published or created as a result of this grant project	Reports to grant agency; Center report; possible MLDS research series presentation; further development for conference presentations and peer reviewed manuscript submission
Required Data	
MLDS Data and Level of Access that will be necessary for completion of grant activities. Include the following:	
1. The data fields to be queried	Student demographics, student courses, student grades, student teachers, student assessments, student enrollments,

	student achievements, student college enrollments and fields of study, student college attendance and persistence, student college achievements, DLLR achievements, wages, employment NAIC
2. The data source/contributor	MSDE/MHEC/DLLR
3. The level of data access - (all unit record de-identified data, limited extract of unit record data, or aggregate data)	De-identified unit record data
4. MLDS database(s) to which researchers will need access	Research access will be consistent with other members of the Research team - specifically, access to full operational data store
5. When any resultant data sets will be destroyed	Data sets created for this project will be destroyed at the completion of the project. The project is four years.

Researchers				
Name	Institution/Affiliation	Current Authorized Staff?	Will Researcher need to become authorized staff?*	CV Attached
Dr. Angela Henneberger	UMB, SSW	Yes		✓

If yes, the researcher will be appointed as authorized staff following the successful completion of the Center's Staff Authorization Form, including the confidentiality and non-disclosure certifications required under FERPA and federal and state unemployment insurance regulations.

This Checklist was completed by:

Ross Goldstein
ross.goldstein@maryland.gov
 410-706-2087

Angela Henneberger
angela.henneberger@maryland.gov



Grant Notification Checklist	
Reference Number	
Reference Name	Post-Doctoral Fellow Program
Timeline	
Date MLDS Center became aware of the grant.	February 7, 2017
Date notification is being provided by MLDS to data sharing agencies	February 24, 2017
Deadline for data sharing agency to respond.	March 10, 2017
Notification	
MSDE	<ul style="list-style-type: none"> ✓ Chandra Haislet, Director of Accountability Branch ✓ Elizabeth Kameen, Principal Counsel
MHEC	<ul style="list-style-type: none"> ✓ Jon Enriquez, Director of Research ✓ Mark Blom, Principal Counsel
DLLR	<ul style="list-style-type: none"> ✓ Michael Harrison, Director of Policy ✓ Jessica Carter, Principal Counsel
Grant Information	
Source/Grantor	UMB School of Social Work
Application Due Date	March 8, 2017
Will approval be required prior to the next Governing Board meeting?	<ul style="list-style-type: none"> ✓ Yes <input type="checkbox"/> No
Recipient	<ul style="list-style-type: none"> <input type="checkbox"/> MLDS ✓ MLDS is supporting the application of: Angela Henneberger, UMB SSW

Attach Grant Notice/RFP	See Attached
Approximate funding amount requested.	\$25,000 per year for 2 years
Research and Evaluation	
Summary of the purpose of the grant and its proposed aims.	The goal of the program is to support a faculty member's research agenda and to provide rigorous post-doctoral training to a recent social work PhD graduate.
Description of how the proposed grant project fits within and addresses a MLDS Research Agenda question or how the proposed grant conducts an audit and/or evaluation of a state or federally funded education program.	Research projects will be selected by the MLDS Research Director (Dr. Henneberger) and the post-doc. The projects will fall under a Center Research Agenda topic.
Description of how the proposed grant conducts an audit and/or evaluation of a state or federally funded education program.	The work will further advance research on the Center's Research Agenda.
Describe the documents or reports that will be published or created as a result of this grant project	Research report, data for dashboard, and submission of papers to scholarly journal.
Required Data	
MLDS Data and Level of Access that will be necessary for completion of grant activities. Include the following:	
1. The data fields to be queried	To be determined based on research agenda topic selected.
2. The data source/contributor	To be determined based on research agenda topic selected.
3. The level of data (unit-record / individual level de-identified data, or de-identified, aggregate data)	Unit record de-identified data.
4. MLDS data set(s) to which	Unit record data in the operational data store will be required.

researchers will need access	
5. When any resultant data sets will be destroyed	

Researchers				
Name	Institution/Affiliation	Current Authorized Staff?	Will Researcher need to become authorized staff?*	CV Attached
Dr. Angela Henneberger	UMB, SSW	Yes		✓
To Be Named PDF	UMB, SSW	No	Yes	N/A

If yes, the researcher will be appointed as authorized staff following the successful completion of the Center's Staff Authorization Form, including the confidentiality and non-disclosure certifications required under FERPA and federal and state unemployment insurance regulations.

This Checklist was completed by:

Ross Goldstein

ross.goldstein@maryland.gov

410-706-2085

Angela Henneberger

angela.henneberger@maryland.gov