

# **Nurse Support Program II FY 2027 Technical Assistance Competitive Institutional Grants**



*Thank you for joining us today ~ We will begin soon!*

Laura Schenk, Kimberly Ford & Alicia Gainey- MHEC  
Erin Schurmann- HSCRC  
September 30th & October 8th, 2025

# HSCRC and MHEC Contacts

**NSP I:** Benjamin Quintanilla

[benjamin.quintanilla@maryland.gov](mailto:benjamin.quintanilla@maryland.gov)

**HSCRC:** Erin Schurmann

[erin.schurmann@maryland.gov](mailto:erin.schurmann@maryland.gov)

**NSP II:** Laura Schenk, Kimberly Ford &  
Alicia Gainey

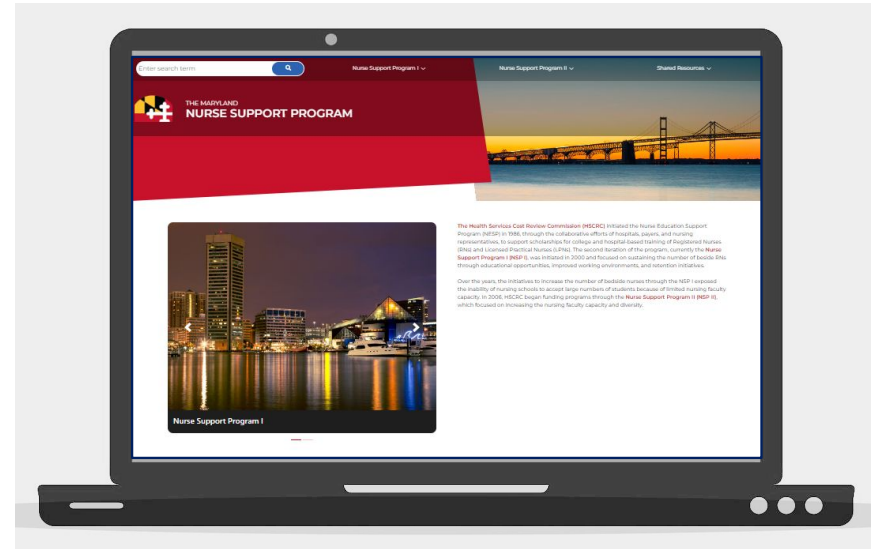
[laura.schenk1@maryland.gov](mailto:laura.schenk1@maryland.gov)

[kimberly.ford@maryland.gov](mailto:kimberly.ford@maryland.gov)

[alicia.gainey@maryland.gov](mailto:alicia.gainey@maryland.gov)

For more information about Nurse Support Program I and II:

*Visit our website!* → [nursesupport.maryland.gov](https://nursesupport.maryland.gov)



# Background



# HSCRC: Who We Are



The Maryland Health Services Cost Review Commission (HSCRC) is an independent state agency responsible for regulating the quality and cost of hospital services to ensure all Marylanders have access to high value healthcare.

HSCRC's vision is to enhance the quality of health care and patient experience, improve population health and health outcomes, and reduce the total cost of care for Marylanders.

The HSCRC establishes rates for all hospital services and helps develop the State's innovative efforts to transform the delivery system and achieve goals under the Maryland Health Model.

# AHEAD Model

## States Advancing All-Payer Health Equity Approaches and Development (AHEAD) Model

2024-2034

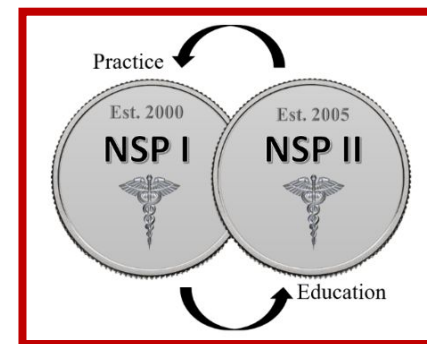
Under the AHEAD Model, states will take accountability for population health, health equity improvements, and all-payer and Medicare fee-for-service total cost of care growth.

States will engage with hospital and primary care providers to redesign care delivery to focus on keeping people healthy and out of the hospital.



Image Source: <https://www.cms.gov/files/document/ahead-infographic.pdf>

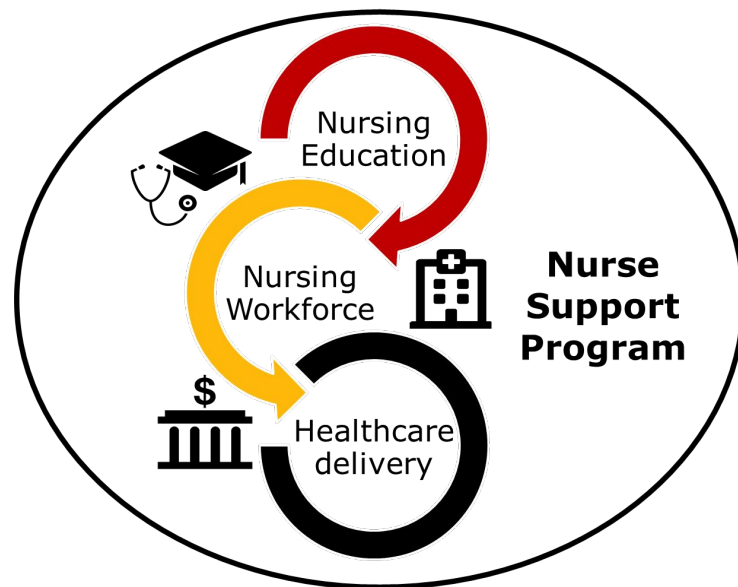
# NSP I & NSP II: Two Sides of the Coin



Nurse Support Program I	Nurse Support Program II
<i>What is the program?</i>	
<ul style="list-style-type: none"> <li>• Administered by Maryland Health Services Cost Review Commission (HSCRC)</li> <li>• Non-competitive</li> <li>• Funding for hospitals</li> <li>• Grant projects that address individual hospital needs</li> </ul>	<ul style="list-style-type: none"> <li>• Administered by Maryland Higher Education Commission (MHEC)</li> <li>• Competitive</li> <li>• Funding for schools of nursing, students and faculty</li> <li>• Competitive institutional grants</li> <li>• Statewide initiatives</li> </ul>
<i>What are the goals of the program?</i>	
<ul style="list-style-type: none"> <li>• Retention and recruitment</li> <li>• Higher levels of education</li> <li>• Improved clinical competencies</li> <li>• Evidenced-based research</li> </ul>	<ul style="list-style-type: none"> <li>• Increase capacity and diversity</li> <li>• Expand the pipeline</li> <li>• Address barriers</li> <li>• Promote innovation</li> </ul>

# NSP II: Overview

- Established in 2005 to increase Maryland's academic capacity for nursing education
- Administered by the Maryland Higher Education Commission (MHEC)
- Funded through pooled assessments totaling up to 0.1 % of hospital regulated gross patient revenue
- Goal: to increase nursing graduates and mitigate barriers to nursing education through institutional and faculty focused initiatives.



# Maryland Higher Education Commission (MHEC)

- Selected to Administer NSP II
- Relationship with MD colleges/universities
- Higher Education Coordinating Board
- Expertise in Grants and Scholarships
- Receives hospital payments to fund NSP II
- Non-lapsing funds- all remain with NSP II



NSP II provides for **Competitive Institutional Grants** and **Statewide Faculty initiatives**.

# Statute for NSP II

## Annotated Code of Maryland, Education Article

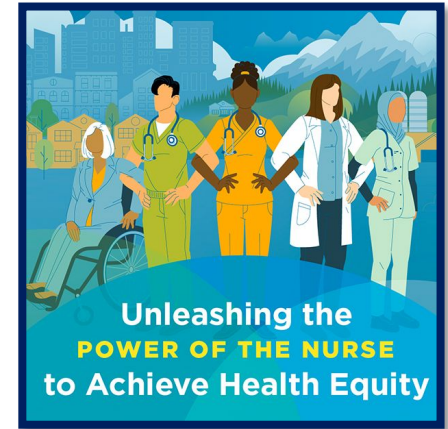
### **§ 11-405. Nurse Support Program Assistance Fund**

(a) "Fund" defined.- In this section, "Fund" means the Nurse Support Program Assistance Fund. (b) Established; status; administration; investments.- 1. There is a Nurse Support Program Fund in the Commission. 2. The fund is a **continuing, nonlapsing fund** that is not subject to §7-302 of the State Finance and Procurement Article 3. The Treasurer shall separately hold and the Comptroller shall account for the fund 4.The fund shall be invested and reinvested in the same manner as other State funds 5. Any investment earnings of the fund shall be paid into the fund (c) Composition.- The Fund consists of revenue generated through an increase, as approved by the Health Services Cost Review Commission, to the rate structure of all hospitals in accordance with § 19-211 of the Health - General Article. (d) Expenditures.- Expenditures from the Fund shall be made by an appropriation in the annual State budget or by approved budget amendment as provided under § 7-209 of the State Finance and Procurement Article (e) Use of money; guidelines.- The money in the Fund shall be used for **competitive grants** and **statewide grants** to increase the number of qualified **bedside** nurses in Maryland hospitals in accordance with guidelines established by the Commission and the Health Services Cost Review Commission. (f) **Guideline provision for minority recruitment.** - The guidelines established under subsection (e) of this section shall provide that a portion of the competitive grants and statewide grants be used to attract and retain minorities to nursing and nurse faculty careers in Maryland. [2006, chs. 221, 222.][2016]

# NSP II Foundational Goals

## Informed by the Institute of Medicine's *Future of Nursing*

- 80% of nurses with a BSN by 2020
- Double the number of nurses with a doctorate by 2020
- Ensure that nurses engage in lifelong learning
- Build an infrastructure for nursing workforce data
- Prepare & enable nurses to lead change/advance health



## Added after the FY 2020 program evaluation:

- Double the number of nurse faculty with the NLN CNE® credential
- Work with NSP I Leadership to find solutions to mutual priorities
- Increase participation in NSP II funded statewide initiatives

# NSP II Program Evaluation

Completed in February 2025 with permanent funding approved!

## Continued goals:

- Increase the # of newly licensed RNs and RN higher degrees
- Strengthen the faculty workforce & educational capacity
- Underrepresented groups in nursing

## Added focus areas:

- AHEAD model goals related to Community/Population health
- Academic-Practice partnerships for pipelines/pathways to nursing
- Strengthen Evidence-Based Practice (EBP) of new graduates
- Promote Competency-Based Education (CBE)

# FY 2027 Major Revisions

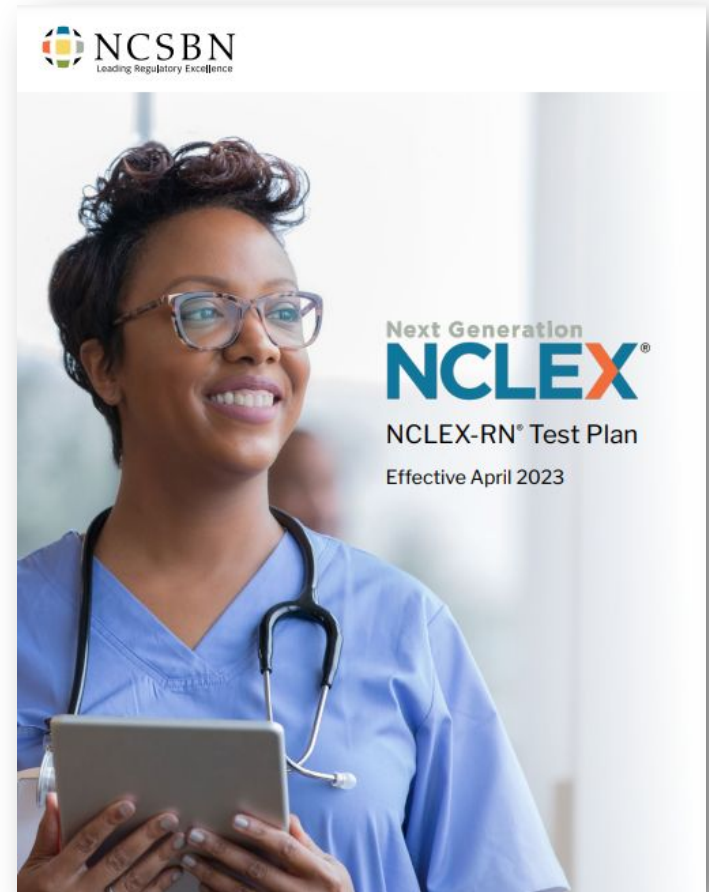
- **New 7th initiative** - community & population health focus
- **Extended grant period** - up to five years
- **New grant type** - Student Success (S.S.) Resource grant
- **New scoring rubric** - more detailed & updated weights
- **New cover sheet** - to include S.S. Resource grant & 7th initiative
- **New annual report template** - to include 7th initiative

# Nursing trends



# NSP II measures entry level RNs

- Researchers agree that monitoring changes in RN entry is the single most important factor that affects nursing workforce projections (Auerbach, et al., 2017, pg. 294)
- NSP monitors NCLEX-RN pass rates and trends through each fiscal year through the Maryland Board of Nursing

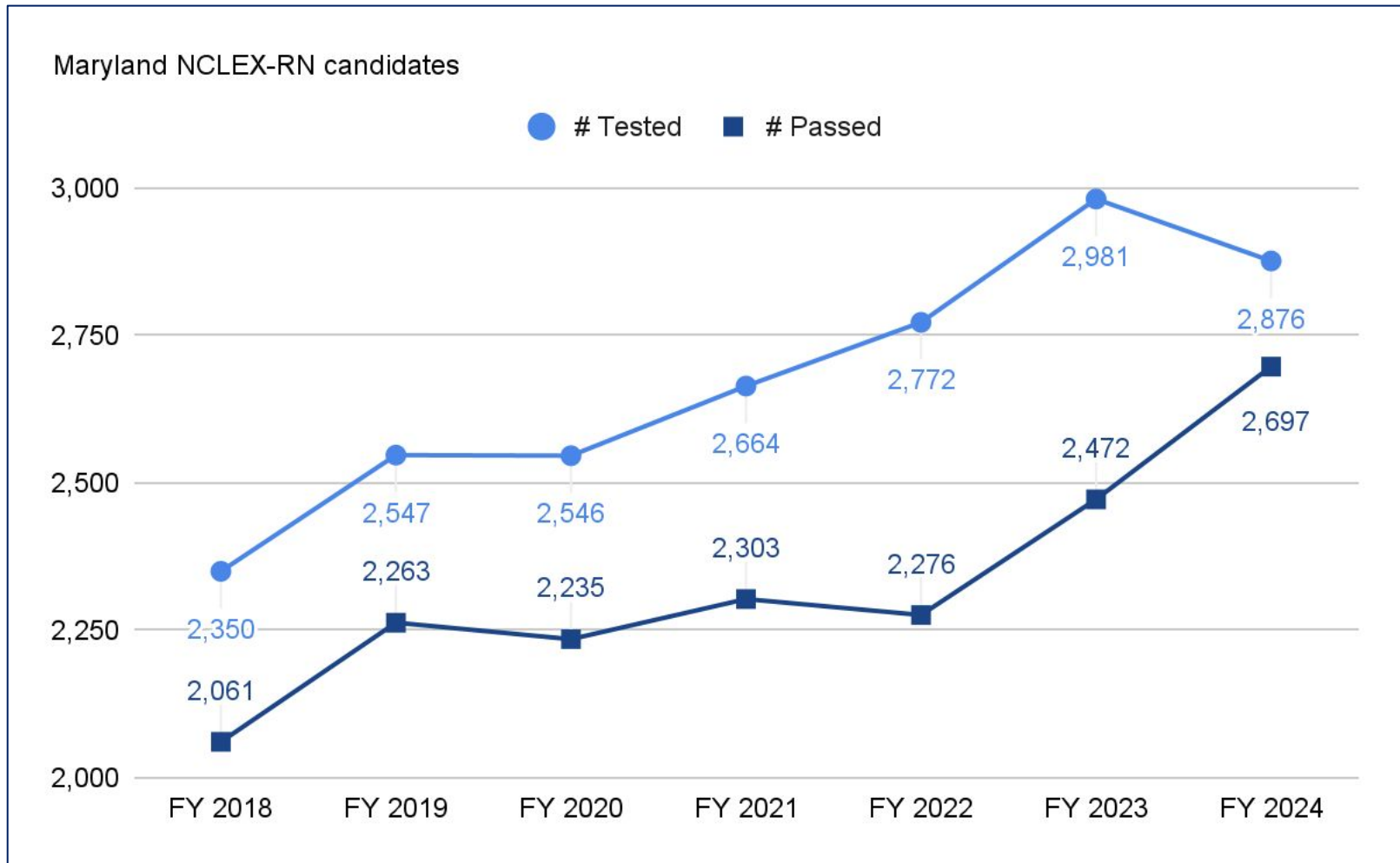


# NCLEX-RN Pass Rates

## FY 2018 – FY 2024

Fiscal Year	Maryland BSN Programs		Maryland ADN Programs		Maryland MS Entry Programs		Total All Maryland Programs		Passing Rates	
	No. Tested	Passed	No. Tested	Passed	No. Tested	Passed	No. Tested	Passed	MD	US
FY 2018	773	676	1,316	1,145	261	240	2,350	2,061	87.70%	87.81%
FY 2019	867	743	1,375	1,245	305	275	2,547	2,263	88.85%	88.36%
FY 2020	775	650	1,467	1,299	304	286	2,546	2,235	87.78%	87.93%
FY 2021	926	755	1,376	1,218	362	330	2,664	2,303	86.45%	84.48%
FY 2022	965	747	1,433	1,205	374	324	2,772	2,276	82.11%	80.83%
FY 2023	1,027	796	1,542	1,324	412	352	2,981	2,472	82.93%	83.21%
FY 2024	1,007	912	1,472	1,407	397	378	2,876	2,697	93.78%	92.18%

# Maryland's First Time NCLEX-RN Rates, FY 2018 – 2024



Source: Maryland Board of Nursing, National Council State Boards of Nursing, and Pearson Vue. All Maryland RN 1<sup>st</sup> time candidates who graduated from a Maryland nursing program and tested in any US jurisdiction.

# NCSBN Workforce Research 2023

## Examining the Impact of the COVID-19 Pandemic on Burnout & Stress Among U.S. Nurses:

- 100,000 nurses left during the pandemic
- One-fifth of nurses intend to leave by 2027
- Issues: feeling emotionally drained (50.8%), used up (56.4%), fatigued (49.7%), burned out (45.1%), at the end of the rope(29.4%)
- These issues were most pronounced with nurses with 10 or fewer years of experience

# US Critical Staffing Shortages

According to [HHS data](#) posted September 18, 2023.

Average number of hospitals in each state and DC experiencing critical staffing shortages since January 1, 2020, ranked in descending order:

1. Michigan
2. California
3. South Carolina
4. Maryland
5. Wisconsin

Nursing workforce projections are rebounding to pre-pandemic levels, but there is a **shift in nurse employment to non-hospital settings**. (Auerbach et al., 2024)

# NCSBN 2024 National Nursing Workforce Study

## [2024 National Nursing Workforce Study:](#)

- Workforce may be rebounding toward pre-pandemic levels.
- Increased diversity, particularly among Latino/Hispanic nurses.
- Over 70% of RNs hold a BSN or higher.
- Nurse-reported workloads decreased by 20–25%.
- Hospital employment lowest recorded (53.3%); more nurses working in other settings.
- 2 in 5 nurses plan to leave or retire within 5 years.
- Stress and burnout remain major reasons for leaving.

# NSP I and NSP II Synergy

The State cited with the nation's best nursing supply vs. demand balance utilized three best practices:

1. **Funding a permanent nursing workforce center** to study the state level dynamics,
2. **Expanding enrollments in nursing programs**, and
3. **Providing incentives for newly licensed nurses** who practice in facilities for more than two years after graduation.

(Zhang, X, et al., 2018)

# Technical Assistance



# FY 2027 NSP II Competitive Institutional Grants

## Request for Applications (RFA)



### NURSE SUPPORT PROGRAM II

### Request for Applications

FY 2027

### Competitive Institutional Grants

**DUE DATE:**

**Postmarked\* & Emailed by Thursday, January 22, 2026**

All proposals must be sent to:  
Maryland Higher Education Commission  
Attn: NSP II Competitive Institutional Grants  
217 E. Redwood St., Suite 2100  
Baltimore, MD 21202

AND

All proposals must be emailed to:  
[laura.schenk1@maryland.gov](mailto:laura.schenk1@maryland.gov) & [kimberly.ford@maryland.gov](mailto:kimberly.ford@maryland.gov)

**\*Hand-delivered proposals cannot be accepted**

For more information:  
[nursesupport.maryland.gov](https://nursesupport.maryland.gov)

Joshua Sharfstein, MD  
Chairman

James N. Elliott, MD  
Vice-Chairman

Jonathan Blum, MPP

Ricardo R. Johnson

Maulik Joshi, DrPH

Nicki McCann, JD

Farzaneh Sabi, MD

Jonathan Kromm, PhD  
Executive Director

William Henderson  
Director  
Medical Economics & Data Analytics

Allan Pack  
Director  
Population-Based Methodologies

Gerard J. Schmith  
Director  
Revenue & Regulation Compliance

Claudine Williams  
Director  
Healthcare Data Management & Integrity

The Health Services Cost Review Commission is an independent agency of the State of Maryland

P: 410.764.2605 F: 410.358.6217 4160 Patterson Avenue | Baltimore, MD 21215 [hscrc.maryland.gov](https://hscrc.maryland.gov)

# Key Items on the Cover Sheet

**Lead Applicant Institution/Organization:** Your Institution

**Project Title:** Be brief ( 6 words or less)

**Partnership Members:** Include your hospitals and fellow nursing program partners (partners matter) w/ MOUs

**Project Duration:** up to 5 yrs, depending on grant type

**Funding Requested:** be realistic ~ \$10mil/30 SONs

**Value of Match (Funds, In-Kind, Etc.):** Required

**Signatures required of Project Director, Grants, Accounting & Dean Approval**  
(all different people)

# Projected and Actual Outcomes

**Projected Outcomes:** (Identify below the number of **additional** outcomes expected from funding)

**Proposed/ Final Outcomes**

**Projected Increase** (# of Additional)

Describe Degrees/Results quantitatively (with measurable numbers)

Nursing Pre-Licensure Graduates

\_\_\_\_\_

Nursing Higher Degrees Completed (describe)

\_\_\_\_\_

Nursing Faculty at Doctoral Level

\_\_\_\_\_

Collaborative or Statewide Results (specify)

\_\_\_\_\_

**Measured annually and as final outcome (met/not met)**

# Select one Type & one Initiative

Type of Grant (choose only **ONE**):

☐ Planning

☐ Implementation

☐ Continuation

☐ Resource Grant: (*if applicable*):

☐ P.D. Resource Grant

☐ S.S.. Resource Grant

Type of Competitive Grant Initiative (choose only **ONE**):

1. Initiative to Increase Nursing Pre-Licensure Enrollments & Graduates
2. Initiative to Advance the Education of Students & RNs to BSN, MSN, & Doctoral Level
3. Initiative to Increase the Number of Doctoral-Prepared Nursing Faculty
4. Initiative to Build Collaborations between Education & Practice
5. Initiative to Increase Capacity Statewide
6. Initiative to Increase Cohen Scholars as Future Faculty & Clinical Educators
7. Initiative to Increase education that advances practice in community health settings/  
advances population health

# Professional Development (P.D.) Resource Grants

- For full-time nurse faculty members
- Complements existing institutional support
- 1 year; up to \$50,000 award per nursing program
- Schools are limited to one (1) P.D. resource grant per year

## Ineligible Expenditures\*:

International travel, rental car fees, first-class airfare, food that exceeds the MD per diem rate, course fees, journal subscriptions, professional membership dues, and/ or certification fees.

\*This list is not exhaustive

# Student Success (S.S.) Resource Grants

- For time-limited resources to improve student outcomes
- Must provide evidence of demonstrated need (NCLEX-RN pass rates, graduation rates, retention data, etc.)
- 1 year; up to \$100,000 award per nursing program
- Schools are limited to one (1) S.S. resource grant per year

**Ineligible Expenditures**\*: scholarships, tuition, routine operating costs (such as utilities, office supplies, or existing staff salaries), capital expenditures, indirect costs/ overhead, and any expenses already supported by institutional resources.

\*This list is not exhaustive

# Body of the Proposal

- Stick to the page limits and number the 15 pages to review
- (Budget/MDT not included in 15 pg.- budget, MDT, CVs are final –not 50pgs.)
- Abstract needs to be clear and brief (so we can put it on the website verbatim instead of editing it down)
- Include PPT
- Tell us on the first full page exactly what is needed and what you can do if funded. Provide all assessments of how you arrived at it.
- Do not bury the main points on pg. 8 where we might not see it.
- Do not send a bigger packet than is needed. Simple and clear is more likely to be funded than fuzzy and long winded. (RNs are direct and brief)
- Watch the budget. If we can divide \$500,000 by 2 graduates as the outcome= it's not worth it, so can you.
- Finally, your program's requirements in open door acceptance, retention, DEI, etc. are not our funding focus. Our focus is “additional” graduates.

# Mandatory Dissemination

**Required**- to be planned and funded (\$) each year

- Conference presentations (Poster or Podium)
- Journal Publications
- Podcasts

Must be outside of your Institution/Organization

Must be included in all annual/final reports

Must be included in the budget - **under “Mandatory Dissemination Activities”**  
**not “Travel”**

**Examples on the NSP II website:**

<https://nursesupport.maryland.gov/Pages/nsp-ii-dissemination.aspx>

# Disseminate in Maryland

Attend conferences:

- Maryland Nurses Association (**MNA**) Annual Convention
- Maryland Action Coalition (**MDAC**) Annual Summit
- Maryland Association of Associate Degree Nursing Directors (**MAADND**) Annual Statewide Conference

Publish articles in:

- ***The Maryland Nurse Journal***  
(official publication of MNA)



# Mandatory Data Tables (addendum due every year)

## Required Data Set for all Programs

**Faculty:** Calculate FTEs using the following formula: FTE calculation: 1 FTE = 15 credits or 600 hours per semester or as defined by your institution for Nursing Program Faculty **as of October 15th of the most recent year.**

Equivalents (Total FTEs) and a breakdown of their education

Faculty vacancies & faculty retention rates (if known)

Faculty with NLN CNE® credential

# Important: # graduates

# Graduates per academic year (as appropriate)

- ADN
- BSN
- Master Entry
- RN-BSN
- RN-MSN
- MS
- DNP
- PhD

We expect to see “additional graduates” on the cover sheet. This is the baseline year and you will propose increasing by specific measurable #'s with the grant funding proposal.

# Person completing Data Tables

**Note:** The Dean/Director or designee already submits this information to the MBON and accrediting bodies each year. We expect it to match. Any questions, refer to your Dean/Director of the nursing program.

- Name of person completing Mandatory Data Table Form:
- Institution:
- Contact Info:
- Phone:
- Email address:
- Missing Mandatory Data Table = No review of proposal

# Budgets- annual and total years

Separate Application Annual Budget Requests for **each year**:

## Nurse Support Program II – Competitive Grant Program Application Annual Budget Request

Institution: \_\_\_\_\_  
Partner Institutions or Organizations: \_\_\_\_\_  
Project Title: \_\_\_\_\_  
Year # of grant & FY 202\_\_: \_\_\_\_\_

	SOURCE OF FUNDS		
	COLUMN 1 NSP II FUNDS REQUESTED*	COLUMN 2 INSTITUTION'S MATCH FUNDS	COLUMN 3 OTHER FUNDS**
A. Salaries & Wages			
Professional Personnel			
List each by name and title			
1			
2			
3			
4			
Other Personnel (list by job category & note # of each)			
5			
6			
7			
8			
Total Salaries and Wages	\$ -	\$ -	\$ -
B. Fringe Benefits			
C. Travel			
D. Participant Support Costs (specify)			
1. (REQUIRED) Mandatory Dissemination Activities			
Total Participant Costs	\$ -	\$ -	\$ -
E. Other Costs			
1. Materials and Supplies			
2. Consultant Services			
3. Computer Services			
4. Other (specify)			
Total Other Costs	\$ -	\$ -	\$ -
F. Total Direct Costs (A through E)	\$ -	\$ -	\$ -
G. Indirect Costs (cannot exceed 8% of F)	\$ -	\$ -	\$ -
H. Total (F & G)	\$ -	\$ -	\$ -

\*Include all grant-funded expenses, including for sub-contracts, in this column. Identify cooperating organizations, agencies, institutions, etc., and funds requested for them (through project sub-contracts) on separate page(s); use the column 1 format for each. \*\* If any of these cooperating parties, or another agency, is committing funds for this project, indicate the specific breakdown and explanation of such funds for each on a separate sheet, while putting the totals for appropriate categories here in column 3 and summarizing the match in the budget narrative.

Total Application Budget Summary for **all years**:

Nurse Support Program II - Competitive Grant Program Application Budget Summary									
Lead Institution: _____									
Partner Institutions or Organizations: _____									
Project Title: _____									
Total Grant Funds Requested: \$ _____									
Total Requested Funds	Year 1	Year 2	Year 3	Year 4	Total Amount of Funds	Total Institution Funds Over Match or In Kind Contribution	Other Funds		
	FY 202__	FY 202__	FY 202__	FY 202__					
A. Salaries & Wages									
Professional Personnel : List by name & title									
1									
2									
3									
4									
Other Personnel:									
List by job category & note number of each									
5									
6									
7									
8									
Total Salaries & Wages	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
B. Fringe Benefits									
C. Travel									
D. Participant Support Costs									
1. (REQUIRED) Mandatory Dissemination Activities									
E. Other Costs									
1. Materials and Supplies									
2. Consultant Services									
3. Computer Services									
4. Other costs (list)									
Total Other Costs	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		
F. Total Direct Costs (A through E)	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		
G. Indirect Costs (cannot exceed 8% of F)	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		
H. Total Costs	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		
I certify that the financial information presented in this report is accurate. (original signatures required, no photocopies)									
Project Director: _____					Signature _____		Date _____		
Financial Officer: _____					Signature _____		Date _____		

# Budget Narrative

## SAMPLE BUDGET NARRATIVE

(annual reports should include narratives that match the proposal)

Nurse Support Program II – Competitive Institutional Grants

Lead Institution: \_\_\_\_\_

Project Title: \_\_\_\_\_

Year # of grant & FY 202\_\_: \_\_\_\_\_

*(These partial examples are provided only to demonstrate the format requested for the budget narrative. This is an annual and final report requirement.)*

## Salaries & Wages

Professional Personnel: (RN PERSONNEL IS THE MOST HIGHLY FUNDED LINE ITEM)

Column 1: Dr. Jill Smith, the project director, will spend 10% of her time in project activities during the academic year. Maryland State University requests only the amount it will cost the university to pay an adjunct to replace Dr. Smith in one course. Request = \$4,900

Column 2: The university will contribute the difference between the \$4,900 requested and 10% of Dr. Smith's 10-month annual salary as in-kind cost share valued at \$3,100. Match = \$3,100

Other Personnel:

# Reminders: Budget Provisions

- A 3% annual increase in salaries and direct costs is allowed to offset inflation.
- All salary increases for grant personnel (up to 3% annually) should be included in the original approved budget.
- Requests to amend budgets to include annual salary increases beyond 3% will not be considered.
- Budget amendment requests may only be submitted once per fiscal year.

Demonstrate a budget transition towards **self-sufficiency**.

If sustainability is not addressed in proposals whose initiatives are expected to continue when the grant ends, the proposal may be rejected by the review panel.

# Ineligible Costs

- Entertaining (excludes light fare or luncheons for faculty recruitment sessions, professional development sessions, conferences, etc.);
- Existing programming that is fully funded;
- Non-instructional equipment;
- Clinical Simulation or Virtual Reality equipment, materials, supplies, high fidelity or other manikins as this is addressed by the MCSRC;
- Standardized patients;
- Student funds for electronic resources or reimbursements for testing, ex: HESI, Kaplan, ATI, Nurse Tim, UWorld, Review Courses, licensure, and other student fees;
- Duplicating previously funded projects;
- Construction and renovation of facilities; phone lines; Furniture; Capital equipment for new facilities;
- Secondary school student programs;
- Marketing;
- Student retention/ academic success (with the exception of S.S. resource);
- Activities that generate revenue;
- Incentives

# Start with a tight budget

The NSP II Review Panel intends to fund as many of the proposals as possible.

If we can see where to cut your budget and the Panel can see where there is excess, then you can too. Don't send it in, unless you want to give up your chance to be funded.

Excess budgets &/or significant revisions will disqualify your work just like late submission.

# Think about Evaluation

Start with the end in mind.

NSP II focuses on Nursing Graduates (you should too)

Personnel is the primary intent of NSP II funding.

- Nurse Faculty to Teach
- Clinical Nurse Instructors to Teach
- Nurse grant managers to direct projects

Additional Cohorts + Increasing Enrollments = Increased Graduates

Additional priorities are: Faculty development, instructional technology, curriculum development, consultants, dissemination, instructional technology, resources for underrepresented groups in nursing

# Proposals are Due 1/22/26

All proposals must be postmarked\* & emailed by Thurs, Jan. 22nd

All proposals must be sent to:

Maryland Higher Education Commission

Attn: NSP II Competitive Institutional Grants

217 E. Redwood Street, Suite 2100

Baltimore, MD 21202

All proposals must be emailed to:

[laura.schenk1@maryland.gov](mailto:laura.schenk1@maryland.gov)

&

[kimberly.ford@maryland.gov](mailto:kimberly.ford@maryland.gov)

\*Hand-delivered proposals cannot be accepted

# Review Process

Evaluation Criteria:

*\*Review the detailed rubric in the RFA!*

<i>Criteria</i>	<i>Maximum Points</i>
Abstract and Brief PPT	5
Overview of Proposed Initiative	13
Project Goals & Objectives	13
Scope of Proposed Initiative (Plan of Operation)	13
Management Plan	13
Evaluation Plan	13
Budget & Cost Effectiveness	30
Total	100

**Questions?**



# References

- Annotated Code of Maryland, Education Article § 11-405. Nurse Support Program Assistance Fund, [2006, chs. 221, 222.][2016].
- Auerbach, D. I., Chattopadhyay, A., Zangoro, G., Staiger, D. O. & Buerhaus, P. I. (2017). Improving nursing workforce forecasts: Comparative analysis of the cohort supply model and the health workforce simulation model. *Nursing Economics*, 35(6), 283-326.
- Centers for Medicare & Medicaid Services, States Advancing All-Payer Health Equity Approaches and Development (AHEAD) Model, <https://www.cms.gov/priorities/innovation/innovation-models/ahead>
- Health Services Cost Review Commission, <https://hscrc.maryland.gov>
- Maryland Higher Education Commission, Nurse Support Program II, [www.nursesupport.org](http://www.nursesupport.org)
- Maryland Board of Nursing. National Council State Boards of Nursing, and Pearson Vue. All Maryland RN 1<sup>st</sup> time candidates who graduated from a Maryland nursing program and tested in any U.S. jurisdiction.

# References

<https://mbon.maryland.gov/Pages/education-nclex-stats.aspx>

<https://nursesupport.org/assets/files/1/files/nspii/mbon-fy-2021-maryland-nursing-workforce-shortage-survey.pdf>

National Council State Board of Nursing, NCSBN Research Projects Significant Nursing Workforce Shortages and Crisis (April, 2023). Accessed at <https://www.ncsbn.org/news/ncsbn-research-projects-significant-nursing-workforce-shortages-and-crisis#:~:text=The%20data%20reveals%20that%20100%2C000,if%20solutions%20are%20not%20enacted.>

Nursing Education Perspectives, Sept/Oct 2022, 43(5)

Zhang, X., Tai, D., Pforsich, H. & Lin, V. (2018). US registered nurse workforce report card and shortage forecast: A revisit. *American Journal of Medical Quality*, 33(3), 229- 236. DOI: 10.1177/1062860617738328