

# Congressionally Directed Medical Research Programs (CDMRP)

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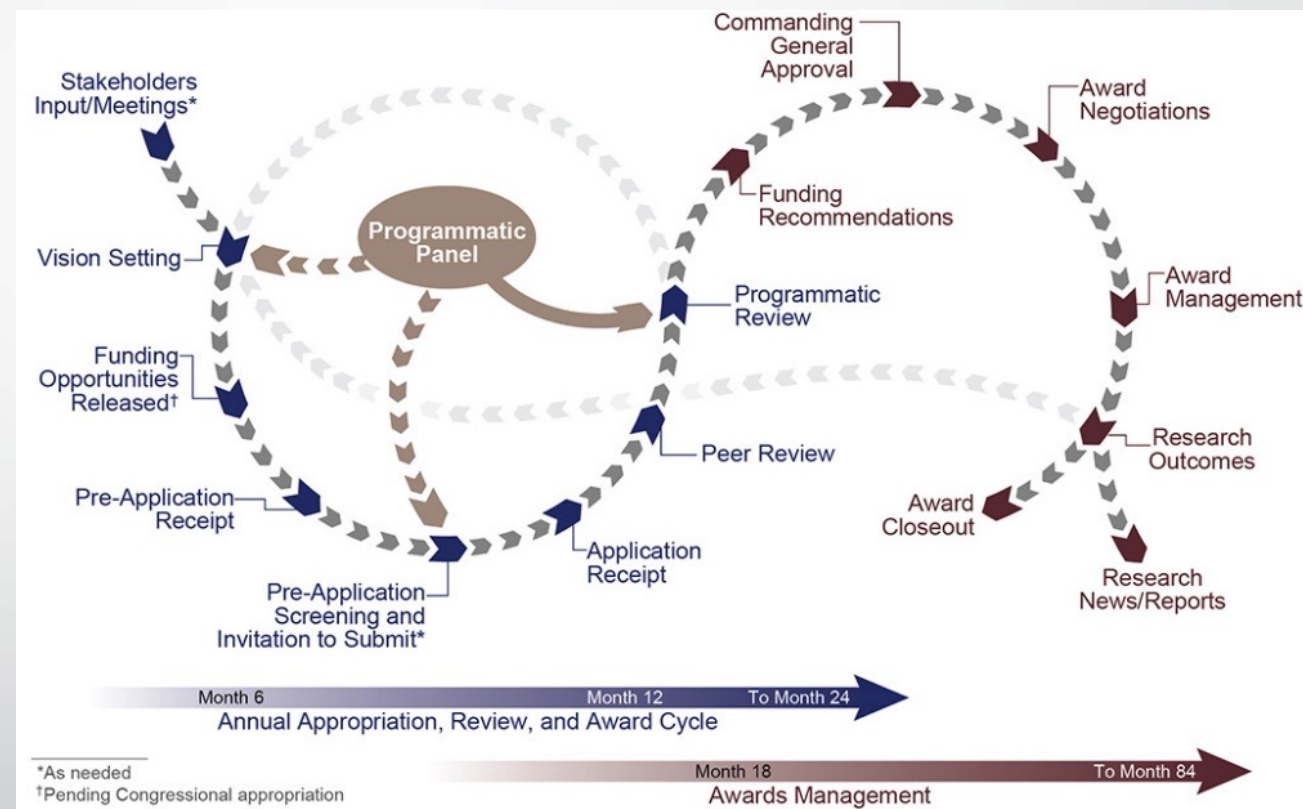
# What is the CDMRP?



- CDMRP Vision: “Transform health care through innovative and impactful research”
- CDMRP Mission: “Responsibly manage collaborative research that discovers, develops, and delivers health care solutions for service members, veterans, and the American public”
- Interested in **high impact, high risk, and high gain** projects

# Funding Process

- Consumers involved throughout process
- Pre-application and full proposal required
- Two-tier review process
- Success rate: ~16% in FY22



# Two-Tier Review Process

## Peer Review

- Specific evaluation criteria
- Individually evaluated based on scientific and technical merit
- Outcome: summary statement with overall score, evaluation criteria score, and critique

## Programmatic Review

- Comparison-based process: highest scored proposals from Tier 1 are assessed based on review criteria
- Aim for broad portfolio of funded projects that align with investment strategy and reflect program priorities

# Other Program Information

- Consumer involvement is hallmark of program
- No “pay line” : proposals with best scores are not automatically funded
- No resubmission process
  - Can update application and submit to a future opportunity, but previous submission is not considered
- No 1-on-1 guidance is provided for applications; all relevant information is included in funding opportunity

# CDMRP Research Programs

Alcohol and Substance Use Disorders

Amyotrophic Lateral Sclerosis

Autism

Bone Marrow Failure

Breast Cancer

Chronic Pain Management

Combat Readiness – Medical

Duchenne Muscular Dystrophy

Epilepsy

Hearing Restoration

Joint Warfighter Medical

Kidney Cancer

Lung Cancer

Lupus

Melanoma

Military Burn

Multiple Sclerosis

Neurofibromatosis

Orthotics and Prosthetics Outcomes

Ovarian Cancer

Pancreatic Cancer

Parkinson's

Peer Reviewed Alzheimer's

Peer Reviewed Cancer

Peer Reviewed Medical

Peer Reviewed Orthopaedic

Prostate Cancer

Rare Cancers

Reconstructive Transplant

Spinal Cord Injury

Tick-Borne Diseases

Toxic Exposures

Traumatic Brain Injury and Psychological Health

Tuberous Sclerosis Complex

Vision

# Upcoming Funding Opportunities

January 17, 2025

- [Lung Cancer Research Program Anticipated Funding Opportunities for Fiscal Year 2025 \(FY25\)](#)

January 7, 2025

- [Vision Research Program Anticipated Funding Opportunities for Fiscal Year 2025 \(FY25\)](#)

January 7, 2025

- [Tuberous Sclerosis Complex Research Program Anticipated Funding Opportunities for Fiscal Year 2025 \(FY25\)](#)

January 7, 2025

- [Autism Research Program Anticipated Funding Opportunities for Fiscal Year 2025 \(FY25\)](#)

January 7, 2025

- [Ovarian Cancer Research Program Anticipated Funding Opportunities for Fiscal Year 2025 \(FY25\)](#)

December 18, 2024

- [Amyotrophic Lateral Sclerosis Research Program Anticipated Funding Opportunities for Fiscal Year 2025 \(FY25\)](#)

December 5, 2024

- [Epilepsy Research Program Anticipated Funding Opportunities for Fiscal Year 2025 \(FY25\)](#)

November 7, 2024

- [Peer Reviewed Alzheimer's Research Program Anticipated Funding Opportunities for Fiscal Year 2025 \(FY25\)](#)

November 5, 2024

- [Breast Cancer Research Program Anticipated Funding Opportunities for Fiscal Year 2025 \(FY25\)](#)

[Anticipated Funding Opportunities](#)



# Sample Funding Announcement

## **I. OVERVIEW OF THE FUNDING OPPORTUNITY**

**Program Announcement for the Department of Defense**

**Defense Health Program**

**Congressionally Directed Medical Research Programs**

**Peer Reviewed Medical Research Program**

**Discovery Award**

**Announcement Type: Initial**

**Funding Opportunity Number: HT942524PRMRPDA**

**Assistance Listing Number: 12.420 Military Medical  
Research and Development**

### **SUBMISSION AND REVIEW DATES AND TIMES**

- **Pre-Application (Letter of Intent) Submission Deadline:** 5:00 p.m. Eastern time (ET), May 6, 2024
- **Application Submission Deadline:** 11:59 p.m. ET, May 23, 2024
- **End of Application Verification Period:** 5:00 p.m. ET, May 29, 2024
- **Peer Review:** July 2024
- **Programmatic Review:** September 2024



# Sample Funding Announcement

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# Previously Funded Projects

Title	Institution	Program	Mechanism	Award Amount
The Development of Patient-Centered Clinical AFO Prescription Guidelines to Optimize Post-Stroke Function and Quality of Life	University of Texas at Austin	OPORP	Clinical Trial Award-Research Level 2	\$4,000,000
Noninvasive Identification of Cardiac Conduction System Abnormalities in a Myotonic Dystrophy Model	Methodist Hospital Research Institute	PRMRP	Discovery Award	\$323,000
Development of APOL1 Mouse Platform for Focal Segmental Glomerulosclerosis and Chronic Kidney Disease Advances	INOTIV	PRMRP	Technology/Therapeutic Development Award	\$1,835,034
Trajectories of Neuroimaging and Blood-Based Biomarkers After Remote Traumatic Brain Injury and Associations with Dementia Risk	University of Pennsylvania	TBIPH	Investigator-Initiated Research Award	\$87,136

[Search Awards and Publications](#)

# Resources

- CDMRP website:  
<https://cdmrp.health.mil/>
- CDMRP webinar series:  
[https://cdmrp.health.mil/pubs/Webinars/webinar\\_series](https://cdmrp.health.mil/pubs/Webinars/webinar_series)



# Panel Discussion and Q&A

- Karin Wuertz-Kozak  
*Professor, Department of Biomedical Engineering*
- Gill Tsouri  
*Professor, Department of Electrical and Microelectronic Engineering*
- Terry Koo  
*Assistant Director, Proposal Development, Sponsored Research Services*

# CDMRP

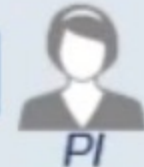
TERRY KOO, PHD

1/22/2025

# Application Process

**Step 1**

Submit Pre-application in eBRAP



PI

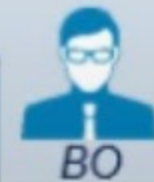
Preproposal

Letter of Intent

Receive Invitation to  
Submit Full  
Proposal Application

**Step 2**

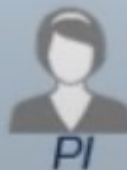
Submit Full Application to Grants.gov  
(extramural) or eBRAP (intramural)



BO

**Step 3**

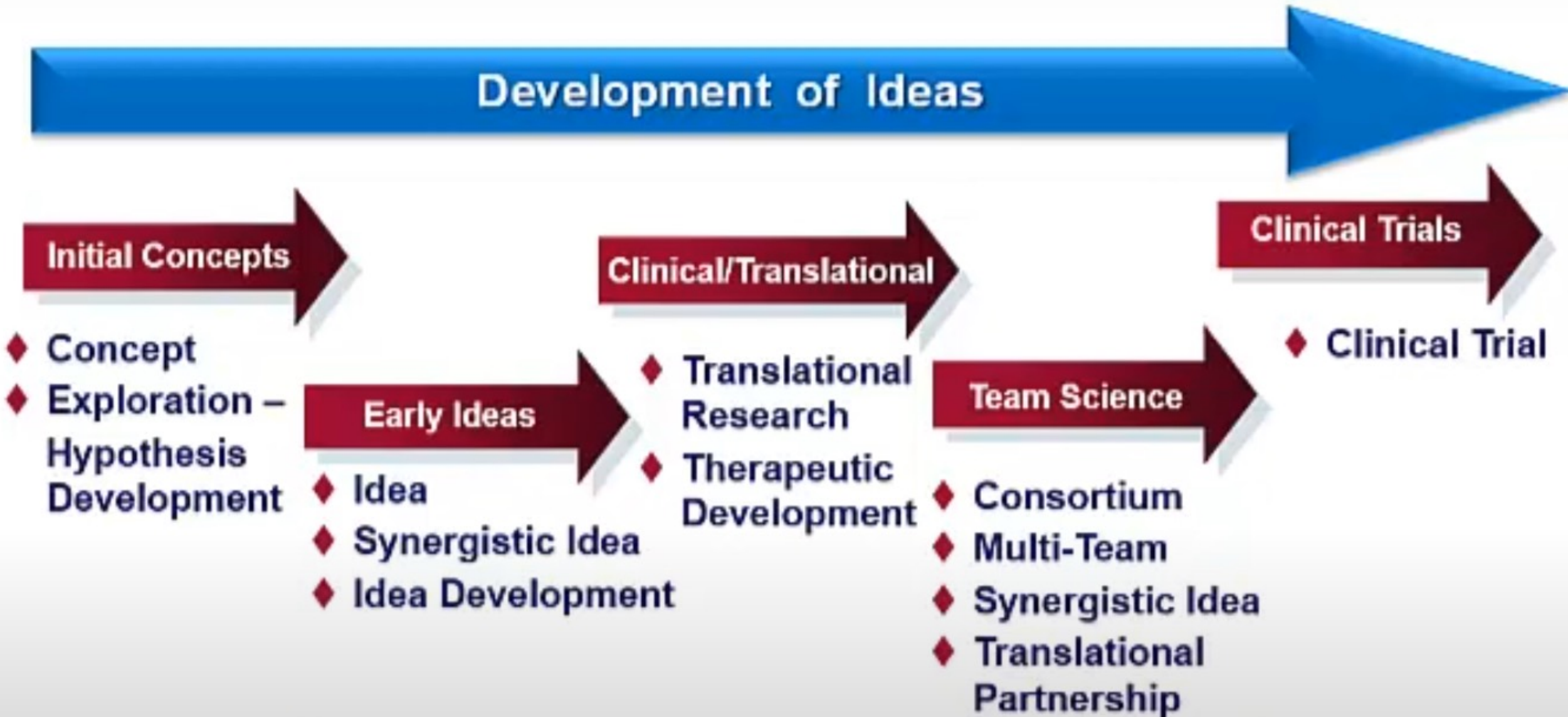
Verify Application in eBRAP



PI



# Research Award Mechanisms





# Funding Opportunity Documents

## Program Announcement

### I. OVERVIEW OF THE FUNDING OPPORTUNITY

Program Announcement for the Department of Defense

Defense Health Program

Congressionally Directed Medical Research Programs

Peer Reviewed Medical Research Program

Investigator-Initiated Research Award

Announcement Type: Initial

Funding Opportunity Number: W51XWH18PRMRPIRA

Catalog of Federal Domestic Assistance Number: 12.420 Military Medical Research and Development

#### SUBMISSION AND REVIEW DATES AND TIMES

- Pre-Application Submission Deadline: 5:00 p.m. Eastern time (ET), June 12, 2018
- Invitation to Submit an Application: July 2018
- Application Submission Deadline: 11:59 p.m. ET, September 20, 2018
- End of Application Verification Period: 5:00 p.m. ET, September 24, 2018
- Peer Review: November 2018
- Programmatic Review: January 2019

## General Application Instructions

General Application Instructions

Version 20180329

Department of Defense

Defense Health Program

Congressionally Directed Medical Research Programs

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# Key Review Elements

## ***What is Innovation?***

### **Definition of *innovation***

- 1 : the introduction of something new
- 2 : a new idea, method, or device : NOVELTY

- ✓ Proposing creative ideas that introduce a new paradigm, challenge existing paradigms, examine existing problems from new perspectives, or exhibit other uniquely creative qualities
- ✗ Proposing an incremental advance beyond published data

## **What is impact?**

- ✓ Proposing research that may be high risk, but has the potential to address a critical problem with short- and long-term outcomes or products that will significantly advance current knowledge or technologies that will contribute to research, patient care, patient outcomes and/or quality of life
- ✗ Not having clear translatability or indicating how the work will make a difference

## **What is Feasibility?**

- ✓ Having a technically sound plan with evidence of appropriate expertise, demonstrated availability and access to critical resources, reagents, and/or subject populations, and proper statistical power
- ✗ Not providing clear approaches for contingencies



## Example Peer Review Criteria

INITIAL CONCEPTS	EARLY IDEAS	ESTABLISHED IDEAS
<b>Scored</b>		
Innovation	Innovation	Impact
Impact	Impact	Research Strategy/Feasibility
Research Strategy/Feasibility	Research Strategy/Feasibility	Personnel
	Personnel	
<b>Unscored</b>		
Application Presentation	Application Presentation	Application Presentation
	Environment	Environment
	Budget	Budget

# Strategies for Success

## ▶ **Relevance**

- ▶ Address program-specific goals
- ▶ Align the proposed work with specific guidance from the solicitation

## ▶ **Impact**

- ▶ Propose solutions to important problems
- ▶ Clearly articulate how will this work make a difference

# Strategies for Success (Cont.)

## ▶ **Innovation**

- ▶ Identify gap(s) that will be filled and novel approaches used to accelerate progress

## ▶ **Feasibility**

- ▶ Justify a technically sound plan with clear approaches for contingencies
- ▶ Include evidence of appropriate Expertise (collaboration, consultants, etc.)
- ▶ Ensure the study is appropriately powered for the proposed research outcome
- ▶ Demonstrate availability and access to critical resources, reagents, and/or subject populations.

# Tips

- ▶ **Start early.** There are many additional documents to prepare for that are not required for NIH such as:
  - ▶ Impact statement,
  - ▶ Innovation statement,
  - ▶ SOW that summaries tasks and milestones in table form,
  - ▶ Lay abstract,
  - ▶ Technical abstract,
  - ▶ Previous/current/pending support,
  - ▶ Relevance to military health ,
  - ▶ Abbreviations,
  - ▶ Relevance to military program

## Tips (Cont.)

- ▶ Read the solicitation carefully
- ▶ Collaborate with Researchers with military or VA connections