



# Department of Defense (DoD) Biomedical Research Funding: Congressionally Directed Medical Research Programs (CDMRP) Overview

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*UNCLASSIFIED*

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# Outline



- ◆ **Overview of the CDMRP**
- ◆ **CDMRP Funding Opportunities**
- ◆ **Application Submission Process**
- ◆ **Application Review Process**
- ◆ **Other DoD Funding Opportunities**





# Who is the CDMRP?



**DEPARTMENT OF  
DEFENSE**



**DEPARTMENT  
OF THE ARMY**



**ARMY MEDICINE**  
Serving To Heal...Honored To Serve

**ARMY  
MEDICAL  
COMMAND**



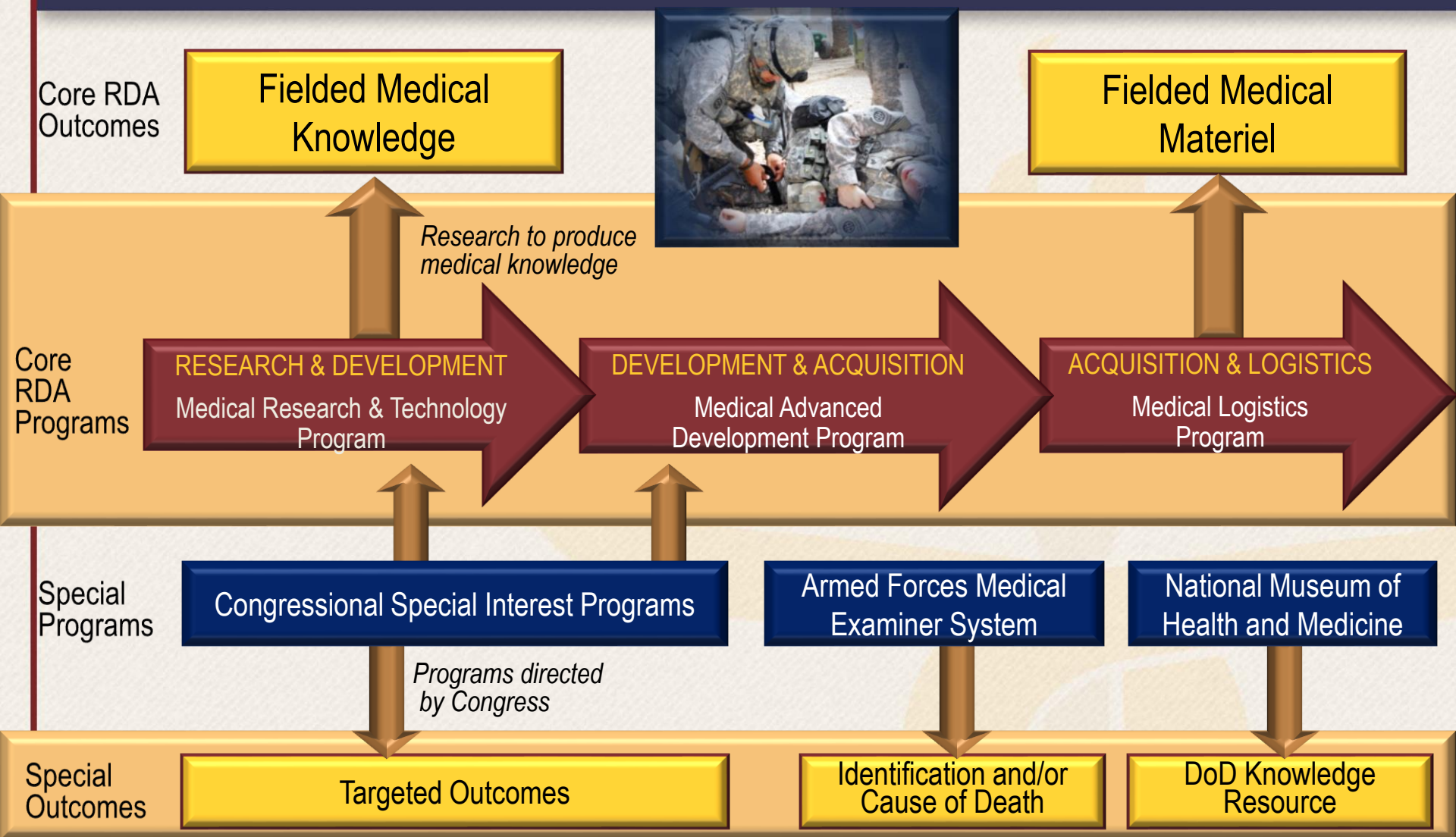
**MEDICAL  
RESEARCH AND  
MATERIEL  
COMMAND**



**CONGRESSIONALLY  
DIRECTED MEDICAL  
RESEARCH  
PROGRAMS**



# USAMRMC Strategic Process







# CDMRP Vision and Mission



## Vision

**Find and fund the best research to eradicate diseases and support the Warfighter for the benefit of the American public.**

## Mission

**We provide hope by promoting innovative research, recognizing untapped opportunities, creating partnerships, and guarding the public trust.**



# History of the CDMRP



- ◆ **In the early 1990s, grassroots advocacy efforts heightened political awareness of breast cancer**
- ◆ **Congress appropriated \$210M to the FY93 DoD budget for a new Breast Cancer Research Program (BCRP)**
- ◆ **USAMRMC was directed to manage the BCRP**
- ◆ **The Army sought the advice of the National Academy of Sciences Institute of Medicine (IOM), which resulted in:**
  - ❖ **A two-tier review process**
  - ❖ **A new model for research – incorporating patient advocates into program policy, investment strategy, and research focus**
- ◆ **From 1996–2014, additional research programs were added by Congress and USAMRMC for administrative execution by CDMRP**





# The CDMRP Today



## ◆ CONGRESSIONAL PROGRAMS:

- ❖ **Manages extramural research programs directed by Congress**
- ❖ **Starting in 1992 with breast cancer, CDMRP now manages 27 programs**
- ❖ **Congress specifies disease area, CDMRP determines research investment strategy and competitively selects the best projects to meet program goals**
- ❖ **CDMRP funds high-impact, innovative medical research to find cures, reduce the incidence of disease and injury, improve survival, and enhance the quality of life for those affected**
- ❖ **Unique public/private partnership encompassing the military, scientists, disease survivors, advocates, consumers, and policy makers**

## ◆ **EXECUTION MANAGEMENT AGENT** for the Research Area Directorates (RADs)/ Joint Program Committees (JPCs) to support their military mission

## ◆ **DIRECTOR: Col Wanda Salzer**



# Unique Partnerships



## Advocates

- ❖ Demonstrate need
- ❖ Participate at all levels
- ❖ Passion and perspective



## Congress

- ❖ Add funds to budget
- ❖ Targeted guidance
- ❖ Opportunity to leverage



## Researchers

- ❖ Innovation and gaps
- ❖ Risk/Benefit
- ❖ Product-oriented



## DoD

- ❖ Program management
- ❖ Contracting actions
- ❖ Regulatory requirements



**IMPROVE  
HEALTH  
(CURE)**

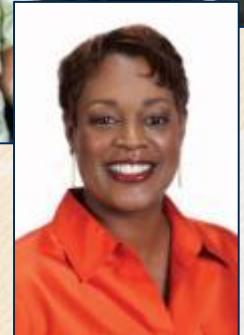




# Hallmarks of the CDMRP

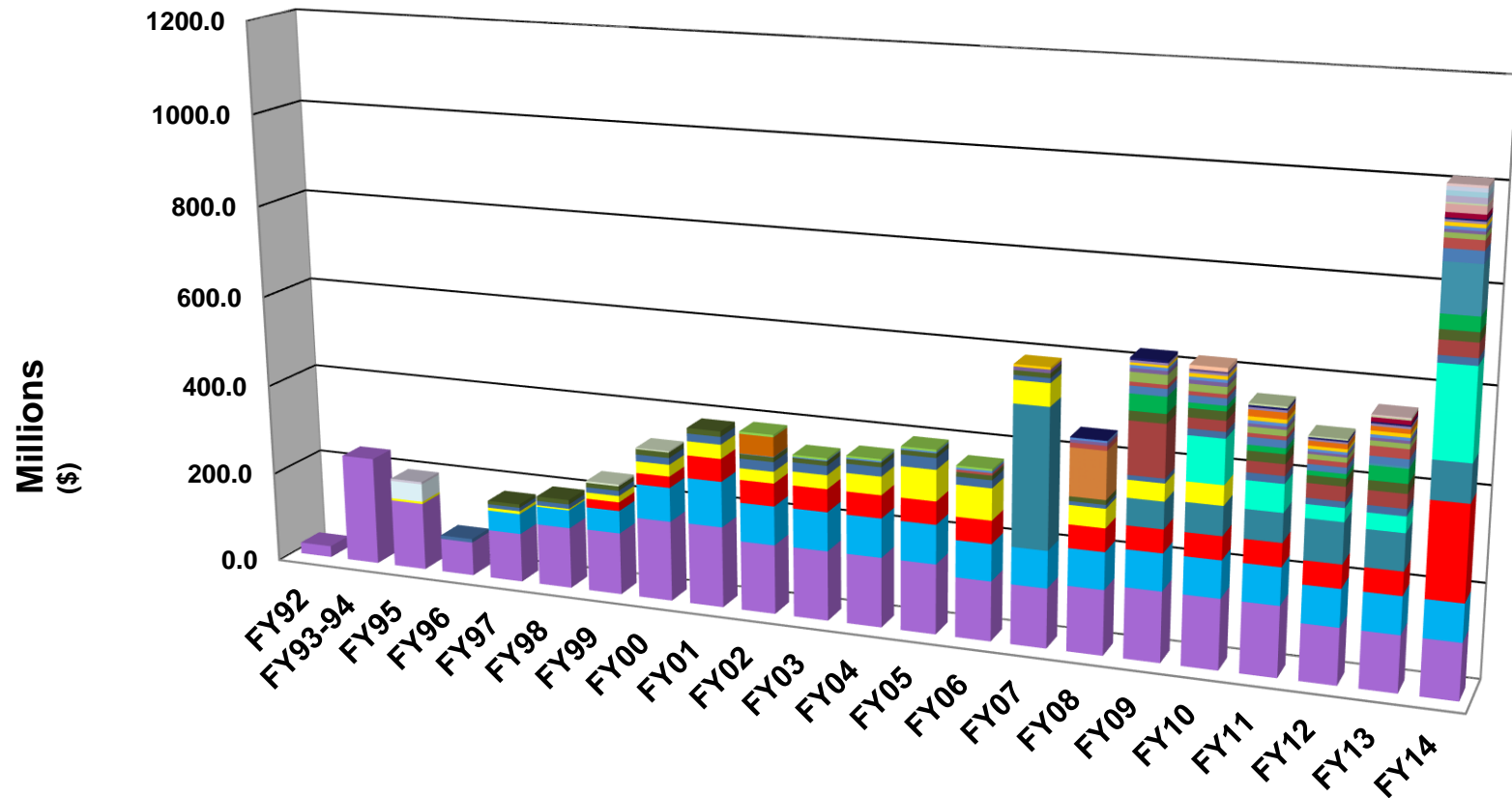


- ◆ **Targeted research funds added to DoD budget by Congress**
- ◆ **Consumer advocates participate throughout process**
- ◆ **IOM-recommended model for application review**
- ◆ **Fund highly innovative, high-impact research**
- ◆ **Each program's vision and investment strategy are adapted annually, allowing rapid response to changing needs**
- ◆ **Avoid Duplication with other funding agencies**
  - ❖ **Fills Unfunded/Unmet Gaps and Niches**
- ◆ **Funding flexibility**
  - ❖ **Funds obligated up-front; limited out-year budget commitments**
  - ❖ **Limited continuation funding**
  - ❖ **No "pay line;" funding recommendations based on portfolio composition, adherence to intent of mechanism, relative impact in addition to technical merit**





# CDMRP Funding History



**CDMRP has managed over 37 funded research programs between FY92 – FY14, totaling \$8.7 billion**





# FY15 Funding Executed by CDMRP



Program	\$M	Program	\$M
Alcohol and Substance Abuse	\$4.0	Neurofibromatosis	\$15.0
Alzheimer's	\$12.0	Neurotoxin Exposure Treatment Parkinson's	\$16.0
Amyotrophic Lateral Sclerosis	\$7.5	Orthopaedic	\$30.0
Autism	\$6.0	Orthotics and Prosthetics Outcomes	\$10.0
Bone Marrow Failure	\$3.2	Ovarian Cancer	\$20.0
Breast Cancer	\$120.0	Peer Reviewed Cancer	\$50.0
Defense Medical Research and Development*	\$283.9	Peer Reviewed Medical	\$247.5
Duchenne Muscular Dystrophy	\$3.2	Prostate Cancer	\$80.0
Epilepsy	\$7.5	Psychological Health and Traumatic Brain Injury*	\$125.0
Gulf War Illness	\$20.0	Reconstructive Transplantation*	\$15.0
Joint Warfighter*	\$50.0	Restore Core Research Funding Reduction*	\$179.8
Lung Cancer	\$10.5	Spinal Cord Injury	\$30.0
Military Burn	\$8.0	Tuberous Sclerosis	\$6.0
Multiple Sclerosis	\$5.0	Vision	\$10.0
TOTAL = \$1.375B			

\*CDMRP is assisting with the execution of a specified portion of a larger appropriation(s)



# FY15 Military-Focused Programs



- ◆ **Alcohol and Substance Abuse**
- ◆ **Defense Medical Research and Development**
- ◆ **Epilepsy**
- ◆ **Joint Warfighter**
- ◆ **Military Burn**
- ◆ **Orthopaedic**
- ◆ **Orthotics and Prosthetics Outcomes**
- ◆ **Psychological Health and Traumatic Brain Injury**
- ◆ **Reconstructive Transplantation**
- ◆ **Spinal Cord Injury**
- ◆ **Vision**





# FY15 National (Disease-Focused) Programs



- ◆ **Alzheimer's**
- ◆ **Amyotrophic Lateral Sclerosis**
- ◆ **Autism**
- ◆ **Bone Marrow Failure**
- ◆ **Breast Cancer**
- ◆ **Duchenne Muscular Dystrophy**
- ◆ **Gulf War Illness**
- ◆ **Lung Cancer**
- ◆ **Multiple Sclerosis**
- ◆ **Neurofibromatosis**
- ◆ **Neurotoxin Exposure Treatment**
- ◆ **Parkinson's**
- ◆ **Ovarian Cancer**
- ◆ **Peer Reviewed Cancer (11 topics)**
- ◆ **Peer Reviewed Medical (41 topics)**
- ◆ **Prostate Cancer**
- ◆ **Tuberous Sclerosis Complex**

## **Cancer Programs**

**Breast Cancer**  
**Lung Cancer**  
**Ovarian Cancer**  
**Peer Reviewed Cancer**  
**Prostate Cancer**

## **Military-Relevant Programs**

**Alzheimer's**  
**Amyotrophic Lateral Sclerosis**  
**Gulf War Illness**  
**Lung Cancer**  
**{ Peer Reviewed Cancer }**  
**{ Peer Reviewed Medical }**



# Peer Reviewed Cancer Research Program FY15 Topic Areas



- ◆ **Colorectal Cancer**
- ◆ **Genetic Cancer**
- ◆ **Kidney Cancer**
- ◆ **Listeria Vaccine for Cancer**
- ◆ **Liver Cancer**
- ◆ **Melanoma and other skin cancers**
- ◆ **Mesothelioma**
- ◆ **Myeloproliferative Disorders**
- ◆ **Neuroblastoma**
- ◆ **Pancreatic Cancer**
- ◆ **Stomach Cancer**

**Applications must address at least one of the Topic Areas as directed by Congress**





# Peer Reviewed Medical Research Program FY15 Topic Areas



- ◆ Acupuncture
- ◆ Acute Lung Injury
- ◆ Advanced Prosthetics
- ◆ Arthritis
- ◆ Burn Pit Exposure
- ◆ Cardiovascular Health
- ◆ Chronic Migraine and Post-Traumatic Headache
- ◆ Congenital Heart Disease
- ◆ Dengue
- ◆ Diabetes
- ◆ DNA Vaccine Technology for Postexposure Prophylaxis
- ◆ Dystonia
- ◆ Focal Segmental Glomerulosclerosis
- ◆ Food Allergies
- ◆ Fragile X Syndrome
- ◆ Healthcare-Acquired Infection Reduction
- ◆ Hepatitis B
- ◆ Hereditary Angiodema
- ◆ Hydrocephalus
- ◆ Inflammatory Bowel Disease
- ◆ Integrative Medicine
- ◆ Interstitial Cystitis
- ◆ Lupus
- ◆ Malaria
- ◆ Metals Toxicology
- ◆ Mitochondrial Disease
- ◆ Nanomaterials for Bone Regeneration
- ◆ Osteoarthritis
- ◆ Pancreatitis
- ◆ Pathogen-Inactivated Dried Plasma
- ◆ Polycystic Kidney Disease
- ◆ Post-Traumatic Osteoarthritis
- ◆ Psychotropic Medications
- ◆ Pulmonary Fibrosis
- ◆ Respiratory Health
- ◆ Rheumatoid Arthritis
- ◆ Scleroderma
- ◆ Sleep Disorders
- ◆ Tinnitus
- ◆ Vascular Malformation
- ◆ Women's Heart Disease

**Applications  
must  
address at  
least one of  
the Topic  
Areas as  
directed by  
Congress**



# A Major Funder of Research



- ◆ **CDMRP is the leading U.S. funder for Neurofibromatosis research**
- ◆ **CDMRP is the second largest funder in the U.S. for research on**
  - ❖ **Breast cancer**
  - ❖ **Prostate cancer**
  - ❖ **Ovarian cancer**
  - ❖ **Lung cancer**
  - ❖ **Gulf War Illness**
  - ❖ **Tuberous Sclerosis Complex**





# Disease-Focused Programs



**Advance the understanding of  
spinal cord injury and  
ameliorate its consequences...**

**Improve the lives of individuals  
with autism spectrum disorder  
now...**

**...research that will eliminate  
death and suffering from  
prostate cancer**

**To eradicate deaths  
from lung cancer...**



**To end breast cancer...**

**... to detect, diagnose,  
prevent, and control  
ovarian cancer**





# **CDMRP Funding Opportunities**

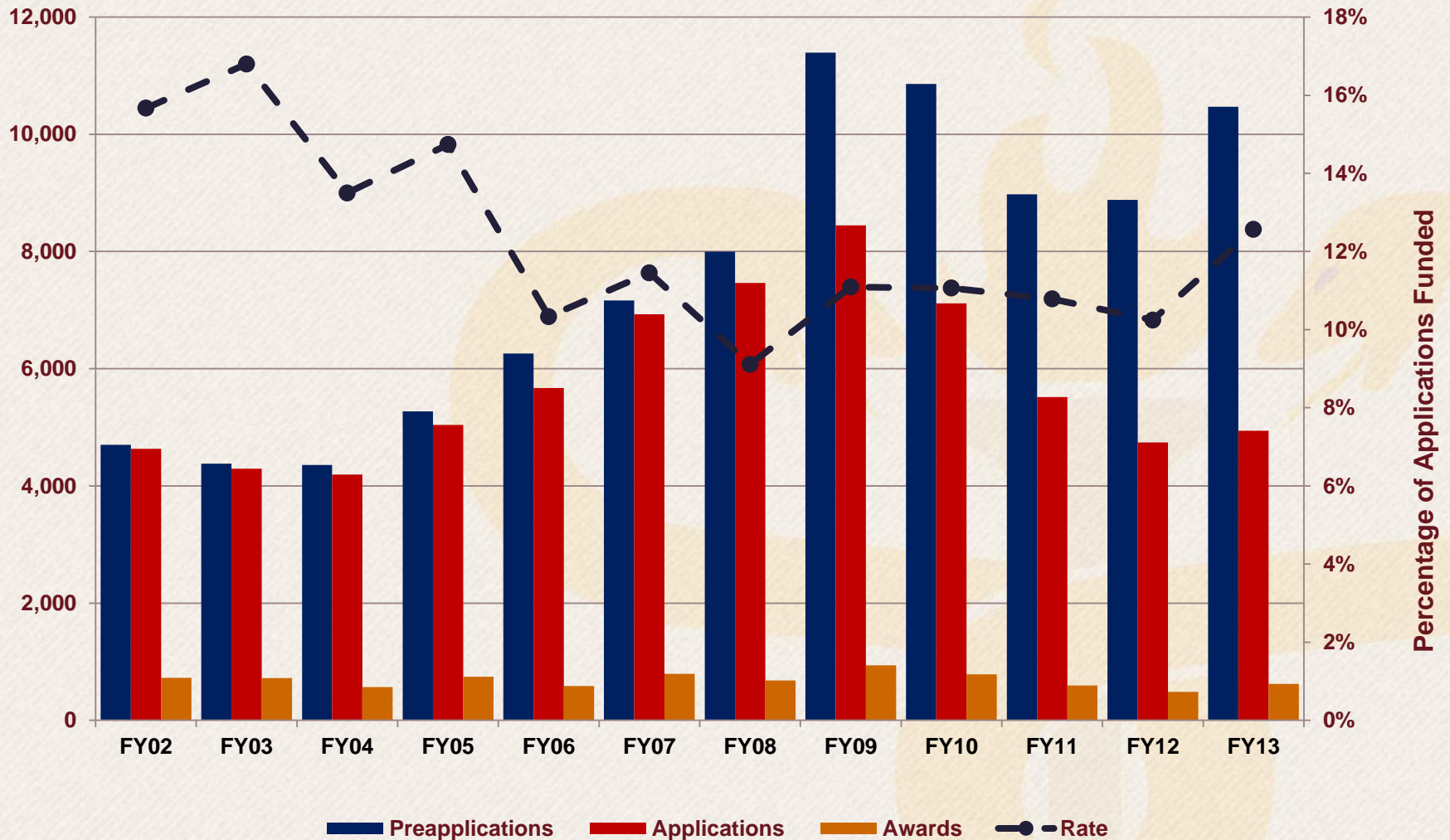




# CDMRP Funded Awards Rate



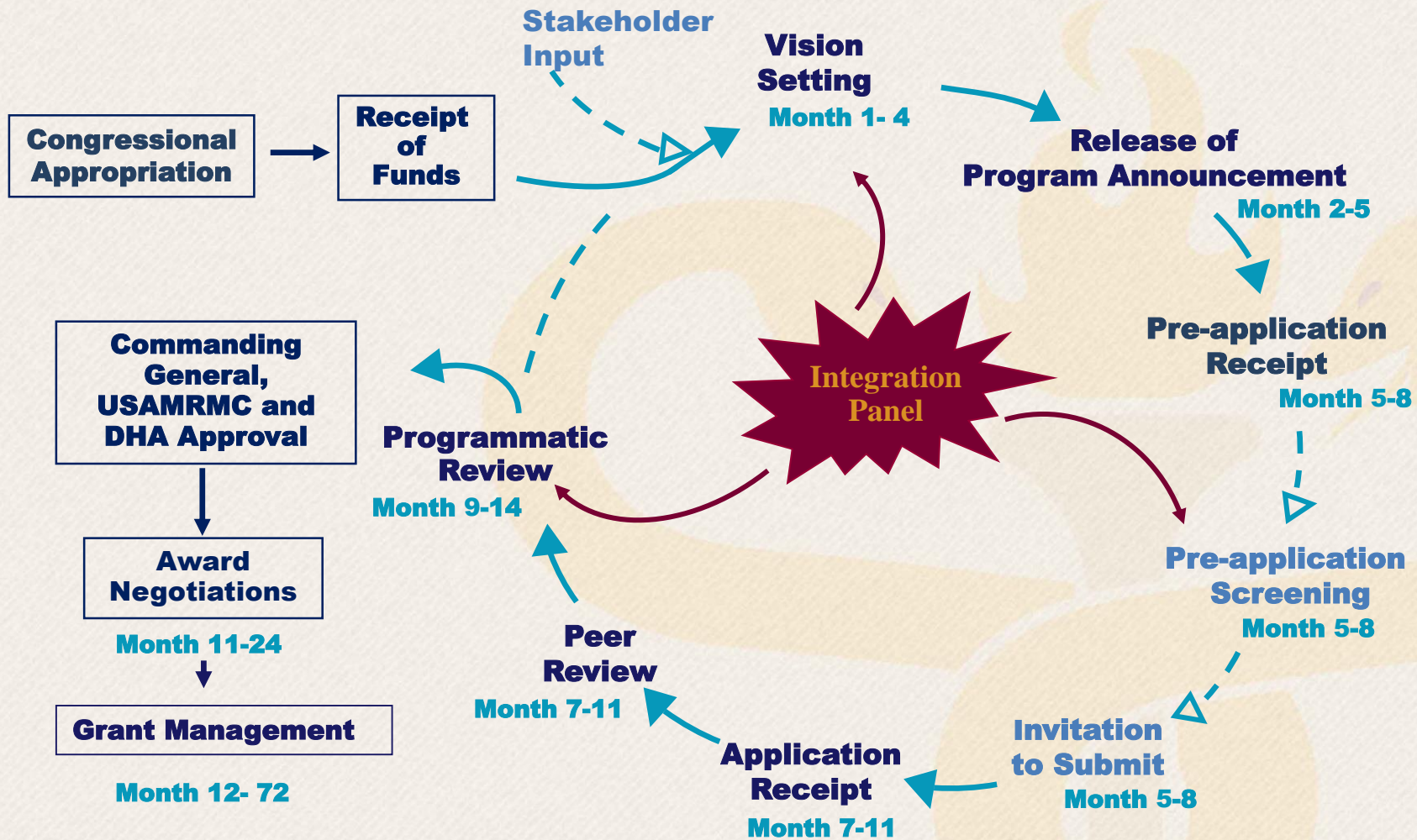
Number of Preapplications, Applications, and Awards



UNCLASSIFIED



# Program Cycle





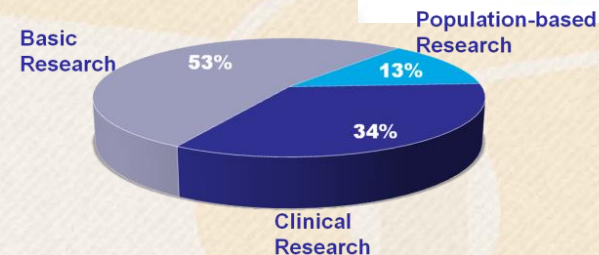
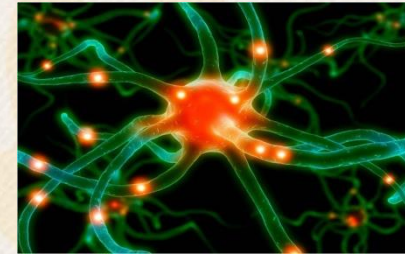


# Vision Setting



**At Vision Setting each year, the Integration Panel recommends an investment strategy, considering factors such as:**

- ◆ **Current landscape**
- ◆ **Emerging technologies**
- ◆ **Research gaps**
- ◆ **Impact**
- ◆ **Portfolio composition**





# CDMRP Funding Opportunities



- ◆ Offered as awards
- ◆ Numerous types of award mechanisms
  - ❖ Tailored to the goals of each program
  - ❖ May vary from year to year
- ◆ Each funding opportunity is made available through a Program Announcement
- ◆ Pre-announcement release
- ◆ Program Announcement release
  - ❖ Posted on Grants.gov, CDMRP eBRAP System, CDMRP website





# Program Announcements on Grants.gov



Search for funding opportunities through "SEARCH GRANTS"

**Grants.gov Updates**  
**Grants.gov Calendar**  
Check out our calendar to get the latest updates about our upcoming releases, maintenance, and outages.

**Grants.gov Production Release Outage:**  
**April 18-20, 2015**

**Grants.gov Notices**  
For more information on upcoming changes with user impacts, please visit the Grants.gov notices page for the latest information.

**View the Summary of User Impacts for upcoming changes. (Revised March 3, 2015)**

**Grants.gov Releases**  
For more information about recent changes and enhancements, please see the latest release notes.

**Grants.gov Blog**  
Visit the Grants.gov Blog to get up-to-date status of upcoming maintenance and outages.

**Financial Assistance**  
Grants.gov does not provide personal financial assistance. **Please visit USA.gov, to learn where you may find personal financial assistance.**

**Suspect Fraudulent Activity?**  
The United States Government does not endorse or support any financial institution or fraudulent activity.

**About Grants.gov**  
Grants.gov is your place to FIND and APPLY for federal grants. The United States Department of Health and Human Services is proud to be the managing partner for Grants.gov - an initiative that is having an unparalleled impact on the grant community.

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**Find Open Grant Opportunities**

**NEWEST OPPORTUNITIES** **BROWSE CATEGORIES** **BROWSE AGENCIES** **BROWSE ELIGIBILITIES**

Funding Opportunity Number	Opportunity Title	Agency
APS-615-15-000002	Community Conservancies Support Program	East Africa USAID-Kenya
USDA-NIFA-SRGP-004996	Special Research Grants Program Potato Breeding Research	National Institute of Food and Agriculture
P15AS00070	Survey of the Fauna of Seepage Springs in National Capital Parks East	National Park Service
NPS-NOIP15AC00329	National Park Service-Complete NAGPRA Summary Lists	National Park Service
PAR-15-146	Countermeasures Against Chemical Threats (CounterACT) Research Centers of Excellence (U54)	National Institutes of Health

[View More »](#)



# Program Announcements on Grants.gov



For USAMRMC opportunities, search by CFDA Number 12.420

GRANTS.GOV

SEARCH: Grant Opportunities Enter Keyword... GO

HOME ABOUT SEARCH

GRANTS.GOV > Search Grants

SEARCH GRANTS

BASIC SEARCH CRITERIA:

Keyword(s):

Funding Opportunity Number:

CFDA Number: 12.420

SEARCH

OPPORTUNITY STATUS:

☒ Open (2,094)

☐ Closed (1,724)

☐ Archived (26,875)

FUNDING INSTRUMENT TYPE:

☒ All Funding Instruments

☐ Cooperative Agreement (619)

☐ Grant (1,565)

☐ Other (42)

☐ Procurement Contract (42)

ELIGIBILITY:

☒ All Eligibilities

☐ City or township governments (905)

☐ County governments (915)

☐ For profit organizations other than small businesses (857)

SORT BY: Open Date (Descending) Update Sort

DATE RANGE: All Available Update Date Range

1 - 25 OF 2094 MATCHING RESULTS:

Funding Opportunity Number	Opportunity Title	Agency	Open Date	Close Date
APS-615-15-000002	Community Conservancies Support Program	East Africa USAID-Kenya	03/19/2015	03/18/2016
USDA-NIFA-SRGP-004996	Special Research Grants Program Potato Breeding Research	National Institute of Food and Agriculture	03/19/2015	04/22/2015
P15AS00070	Survey of the Fauna of Seepage Springs in National Capital Parks East	National Park Service	03/19/2015	03/22/2015
NPS-NOIP15AC00329	National Park Service-Complete NAGPRA Summary Lists	National Park Service	03/19/2015	03/23/2015
PAR-15-146	Countermeasures Against Chemical Threats (CounterACT) Research Centers of Excellence (U54)	National Institutes of Health	03/19/2015	09/12/2017
PA-15-147	AHRQ Small Research Grant Program (R03)	Agency for Health Care Research and Quality	03/19/2015	07/16/2018
P15AS00069	\$0 Master Cooperative Agreement	National Park Service	03/19/2015	
PAR-15-145	NIMH Research Education Mentoring Programs for HIV/AIDS Researchers (R25)	National Institutes of Health	03/19/2015	09/07/2017
EPA-R1-HC-2015	2015 HEALTHY COMMUNITIES GRANT PROGRAM	Environmental Protection Agency	03/19/2015	04/30/2015
F15AS00136	Tuluksak River Salmon Run Timing and Abundance □ Notice of Intent to award to a Single Source	Fish and Wildlife Service	03/19/2015	03/27/2015
PA-15-148	Administrative Supplements for Ebola Biosafety and Infectious Disease Response Training (Admin Supp)	National Institutes of Health	03/19/2015	04/20/2015
HHS-2015-IHS-TMD-0001	Tribal Management Grant Program	Indian Health Service	03/19/2015	06/03/2015





# Program Announcements on the CDMRP Website – <http://cdmrp.army.mil>



The screenshot displays the CDMRP website interface within a web browser. The browser's address bar shows <http://cdmrp.army.mil/>. The website header includes the CDMRP logo, the text "Congressionally Directed Medical Research Programs Department of Defense", and navigation links: HOME, SITE MAP, CONTACT US, Follow us On: Twitter, YouTube, RSS, and SUBSCRIBE TO FUNDING OPPORTUNITY RELEASES. A search bar labeled "Search CDMRP" and a "SEARCH" button are also present. Below the header, a horizontal menu contains links: RESEARCH PROGRAMS, FUNDING OPPORTUNITIES (circled in red), CONSUMER INVOLVEMENT, SEARCH AWARDS, MEDIA CENTER, and ABOUT US. The main content area features a large banner for "2014/2015 Program Announcements" with a "Search Awards" button. The banner lists several research areas, each preceded by a "NEW" tag: Alcohol and Substance Abuse, Amyotrophic Lateral Sclerosis, Bone Marrow Failure, Breast Cancer, Clinical and Rehabilitative Medicine, Defense Medical Research and Development Program, and Psychological Health and Traumatic Brain Injury. To the left of the banner are three smaller images: "Features", "Research Programs", and "Funding Opportunities" (circled in red). To the right are three more images: "Search Awards", "Consumer Involvement", and "About Us". The browser's status bar at the bottom shows the URL <http://cdmrp.army.mil/search.aspx> and the system clock displays 3:14 PM.



# Program Announcements on the CDMRP eBRAP System – <https://eBRAP.org>



<https://ebrap.org/eBRAP/public/index.htm>

File Edit View Favorites Tools Help

Home  
Help Desk  
Guide  
FAQ  
Privacy Statement

**Electronic Biomedical Research Application Portal**  
Serving USAMRMC, USAMRAA, CDMRP, DHP

Login Register **Funding Opportunities & Forms**

## Welcome to eBRAP

### Register

I am a new:

\*Select from drop down

[Start Registration](#)

### Program News and Updates

- Welcome to eBRAP. To access the user guide, please [click here](#).

### Email Subscriptions

- To subscribe to program specific news and updates, please [click here](#)
- To remove your email from program subscription list, please [click here](#)

### Help

- [Frequently Asked Questions](#)
- [Commonly Made Mistakes](#)
- [Contact the helpdesk](#)

### Already registered or returning user. Sign In

Username:

Password:

#### US DEPARTMENT OF DEFENSE WARNING STATEMENT

You are accessing a U.S. Government (USG) information system (IS) that is provided for USG-authorized use only. By using this IS (which includes any device attached to this IS), you consent to the following conditions: -The USG routinely intercepts and monitors communications on this IS for purposes including, but not limited to, penetration testing, COMSEC monitoring, network operations and defense, personnel misconduct (PM), law enforcement (LE), and counterintelligence (CI) investigations. -At any time, the USG may inspect and seize data stored on this IS. -Communications using, or data stored on, this IS are not private, are subject to routine monitoring, interception, and search and may be disclosed or used for any USG-authorized purpose. -This IS includes security measures (e.g., authentication and access controls) to protect USG interests—not for your personal benefit or privacy. -Notwithstanding the above, using this IS does not constitute consent to PM, LE or CI investigative searching or monitoring of the content of privileged communications, or work product, related to personal representation or services by attorneys, psychotherapists, or clergy, and their assistants. Such communications and work product are private and confidential. See User Agreement for details.

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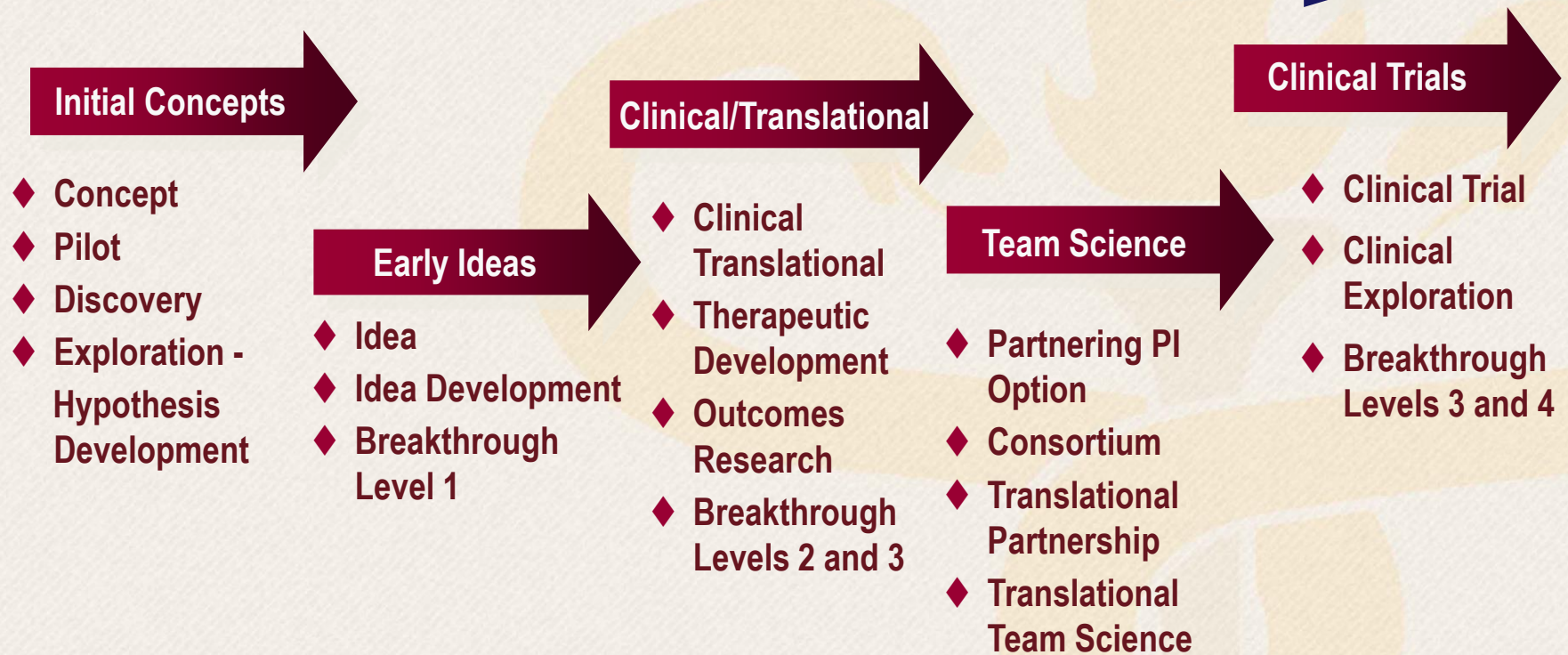




# Award Mechanisms Designed to Support the Research Development Pipeline

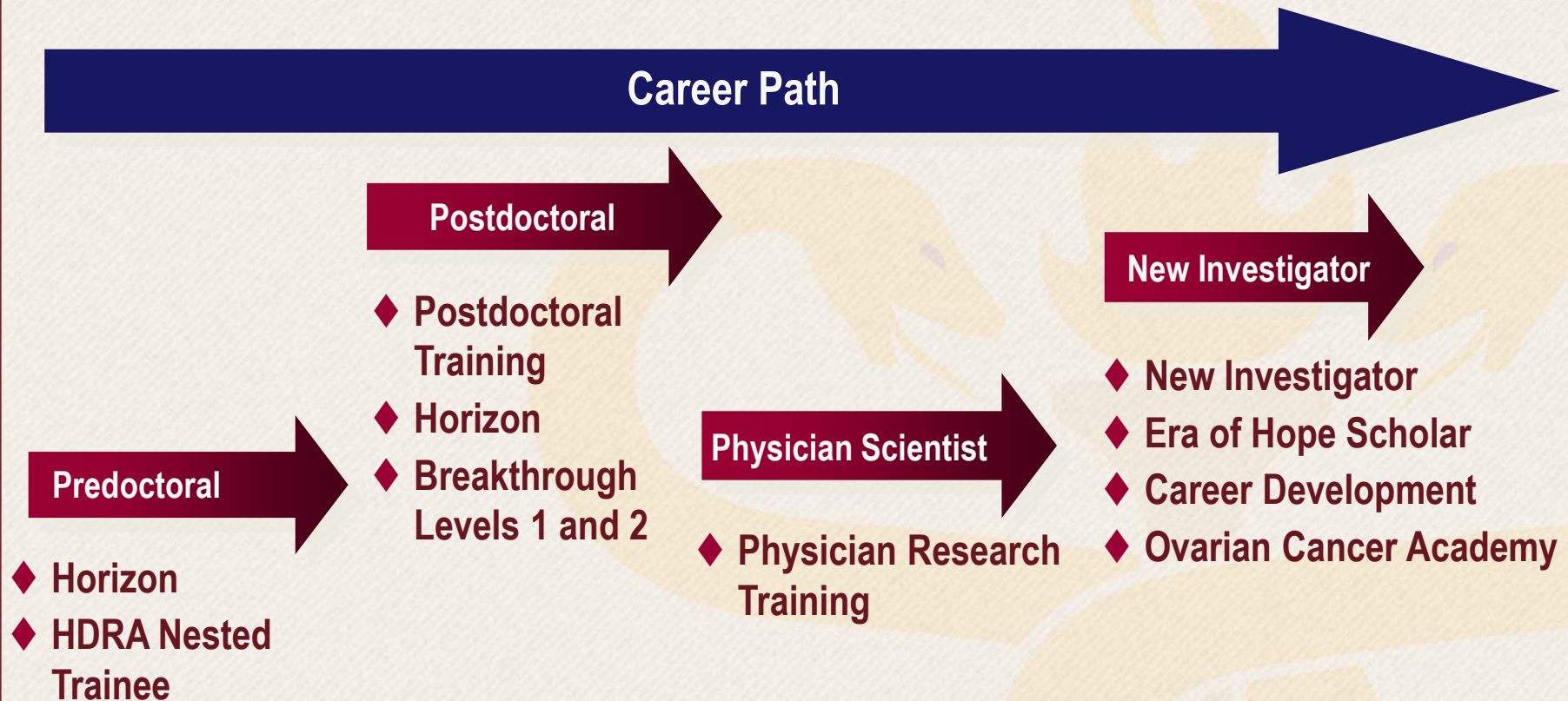


## Development of Ideas





# Award Mechanisms Designed to Support the Career Development Pipeline







***Understanding the intent  
of the award mechanism  
and the review criteria is  
critical for a successful  
grant application***



# **Questions on CDMRP or Its Funding Opportunities?**





# **CDMRP Application Submission Process**



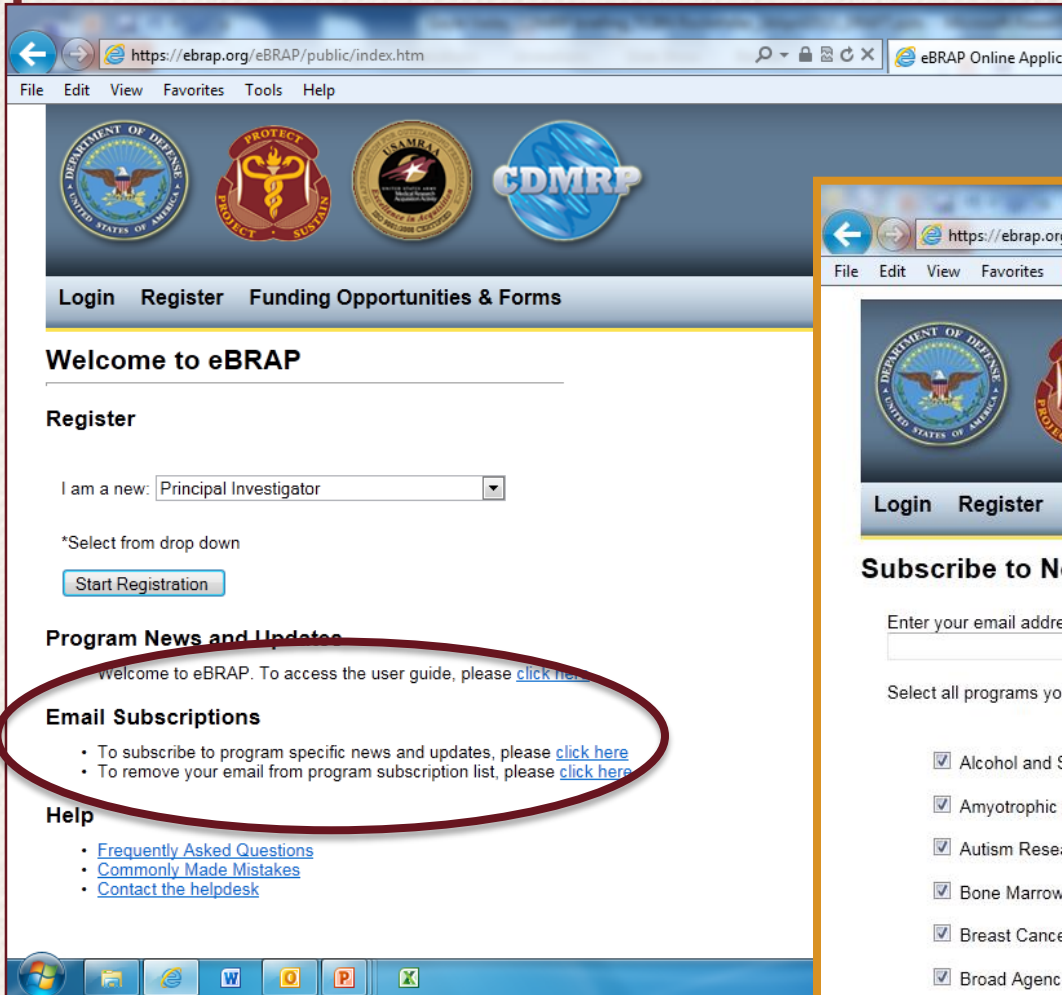
## **CDMRP's electronic application submission and processing tool**

- ◆ **Enables communication with the worldwide research community**
- ◆ **Provides web-based accessibility for research community**
  - ❖ **eBRAP requires log-in username and password**
- ◆ **Computer-automated processes streamlines workflow for pre-application and full application retrieval and processing**
- ◆ **Enables researchers to review and modify Grants.gov application components during the verification period specified in the Program Announcement**





# Before You Apply – Sign up for email notifications in eBRAP



The screenshot shows the eBRAP homepage in a web browser. The address bar displays <https://ebrap.org/ebRAP/public/index.htm>. The page features a header with logos for the Department of Defense, U.S. Army, and CDMRP. Below the header is a navigation bar with links: **Login**, **Register**, and **Funding Opportunities & Forms**. The main content area starts with a "Welcome to eBRAP" message, followed by a "Register" section. In the "Register" section, there is a dropdown menu labeled "I am a new:" with "Principal Investigator" selected. Below this is a "Start Registration" button. The "Program News and Updates" section is circled in red and contains the text: "Welcome to eBRAP. To access the user guide, please [click here](#)." Below this is the "Email Subscriptions" section, which includes two bullet points: "To subscribe to program specific news and updates, please [click here](#)" and "To remove your email from program subscription list, please [click here](#)". At the bottom, there is a "Help" section with links to "Frequently Asked Questions", "Commonly Made Mistakes", and "Contact the helpdesk".

<https://ebrap.org/ebRAP/public/index.htm>

File Edit View Favorites Tools Help

U.S. ARMY CDMRP

**Login Register Funding Opportunities & Forms**

## Welcome to eBRAP

### Register

I am a new:

\*Select from drop down

[Start Registration](#)

### Program News and Updates

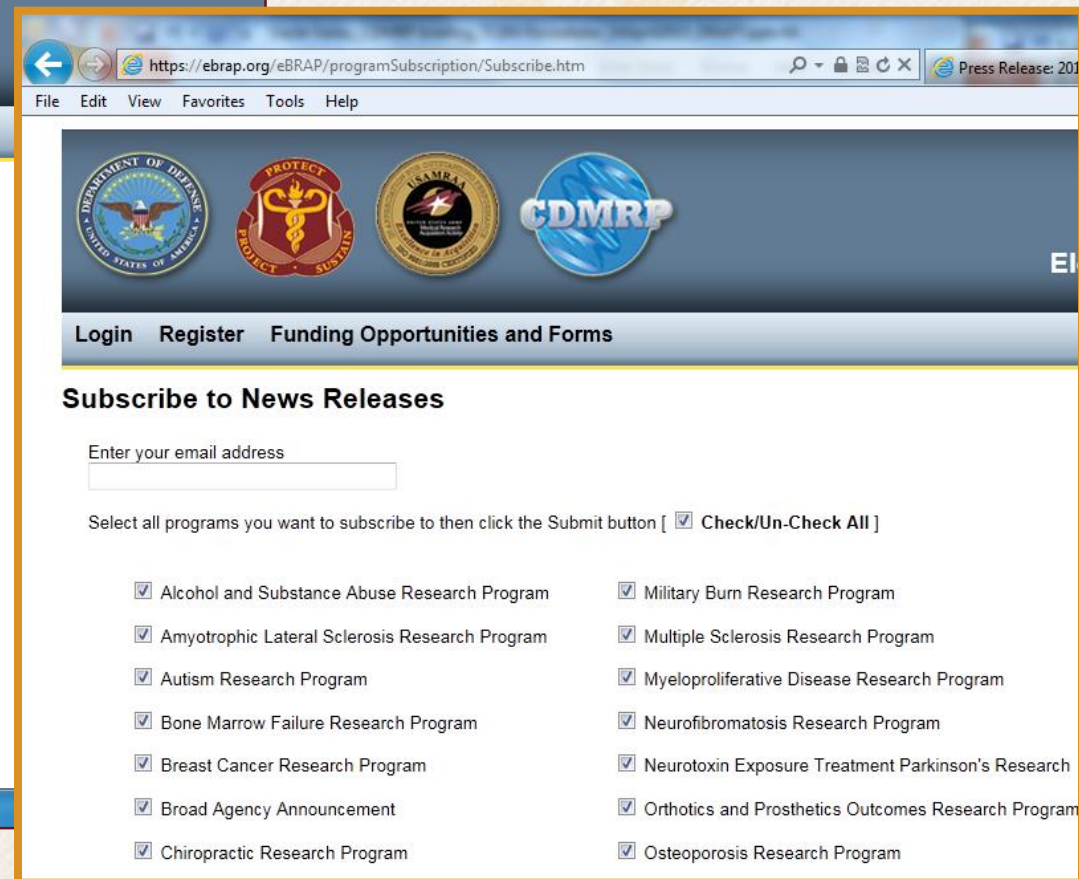
Welcome to eBRAP. To access the user guide, please [click here](#).

### Email Subscriptions

- To subscribe to program specific news and updates, please [click here](#)
- To remove your email from program subscription list, please [click here](#)

### Help

- [Frequently Asked Questions](#)
- [Commonly Made Mistakes](#)
- [Contact the helpdesk](#)



The screenshot shows the eBRAP subscription page in a web browser. The address bar displays <https://ebrap.org/ebRAP/programSubscription/Subscribe.htm>. The page features a header with logos for the Department of Defense, U.S. Army, and CDMRP. Below the header is a navigation bar with links: **Login**, **Register**, and **Funding Opportunities and Forms**. The main content area starts with a "Subscribe to News Releases" section. It includes a text input field labeled "Enter your email address" and a "Submit" button. Below this is a section titled "Select all programs you want to subscribe to then click the Submit button [ ☒ Check/Un-Check All ]". This section contains a list of research programs, each with a checkbox and a label. The programs are: Alcohol and Substance Abuse Research Program, Amyotrophic Lateral Sclerosis Research Program, Autism Research Program, Bone Marrow Failure Research Program, Breast Cancer Research Program, Broad Agency Announcement, Chiropractic Research Program, Military Burn Research Program, Multiple Sclerosis Research Program, Myeloproliferative Disease Research Program, Neurofibromatosis Research Program, Neurotoxin Exposure Treatment Parkinson's Research, Orthotics and Prosthetics Outcomes Research Program, and Osteoporosis Research Program.

<https://ebrap.org/ebRAP/programSubscription/Subscribe.htm>

File Edit View Favorites Tools Help

U.S. ARMY CDMRP

**Login Register Funding Opportunities and Forms**

## Subscribe to News Releases

Enter your email address

Select all programs you want to subscribe to then click the Submit button [ ☒ Check/Un-Check All ]

<input checked="" type="checkbox"/> Alcohol and Substance Abuse Research Program	<input checked="" type="checkbox"/> Military Burn Research Program
<input checked="" type="checkbox"/> Amyotrophic Lateral Sclerosis Research Program	<input checked="" type="checkbox"/> Multiple Sclerosis Research Program
<input checked="" type="checkbox"/> Autism Research Program	<input checked="" type="checkbox"/> Myeloproliferative Disease Research Program
<input checked="" type="checkbox"/> Bone Marrow Failure Research Program	<input checked="" type="checkbox"/> Neurofibromatosis Research Program
<input checked="" type="checkbox"/> Breast Cancer Research Program	<input checked="" type="checkbox"/> Neurotoxin Exposure Treatment Parkinson's Research
<input checked="" type="checkbox"/> Broad Agency Announcement	<input checked="" type="checkbox"/> Orthotics and Prosthetics Outcomes Research Program
<input checked="" type="checkbox"/> Chiropractic Research Program	<input checked="" type="checkbox"/> Osteoporosis Research Program



# Before You Apply – Register in eBRAP



## ◆ **User registration**

- ❖ **Principal Investigator (PI)**
- ❖ **Business Official (BO)**
- ❖ **Account Administrator**
- ❖ **Authorized Organizational Representative (AOR)**

## ◆ **During registration, the PI must request to be affiliated with his/her organization**

- ❖ **If the organization listed is not registered, the PI must invite the AOR to register the organization**





# How to Apply – Step 1: Submit Your Pre-Application



## **STEP 1: Pre-Application Submission in eBRAP (*required!*)**

- ◆ **Type of pre-application depends on the award mechanism**
  - ❖ ***Letter of Intent:*** will not be reviewed; no invitation will be required for application submission
  - ❖ ***Preproposal:*** will be reviewed; invitation is required for application submission
- ◆ **Follow Tabs 2-5 in any order**
- ◆ **Pre-application is submitted by the PI in Tab 6**
- ◆ **Pre-application submission is mandatory and must be on time**
- ◆ ***Tips for success!***
  - ❖ ***Read the Program Announcement carefully***
  - ❖ ***Choose the correct funding opportunity and “option”***
  - ❖ ***Use correct spelling of names and emails***



# Pre-Application Files in eBRAP



- ◆ Specified in Program Announcement
- ◆ Page and/or text field limits
- ◆ Real-time auto-compliance
- ◆ Auto-email notification

The screenshot displays the eBRAP application portal interface. The top navigation bar includes links for 'My Profile', 'My Organization(s)', 'My Applications', and 'Funding Opportunities'. The main content area is titled 'My Applications: Pre-application Files' and shows a list of pre-application files for 'Pre-application TE140021'. The files are categorized into 'Summary', '(1) Application Information', '(2) Application Contacts', '(3) Collaborators and Key Personnel', and '(4) Conflicts of Interest'. The 'Pre-application Narrative' section is highlighted, showing a 'File to be Uploaded' field with a 'Browse...' button. The 'Supporting Documentation' section also shows a 'File to be Uploaded' field with a 'Browse...' button. The 'Pre-application Summary' section on the right provides a detailed overview of the application, including the application title, principal investigator, business official, performing organization, contracting organization, program, award type, and pre-proposal deadline. A status indicator shows 'Status: DRAFT'.





# How to Apply – Step 2: Submit Your Application



## **STEP 2: Application Submission in Grants.gov**

- ◆ **If the pre-application was a preproposal, an invitation is required**
- ◆ **Sponsored Program Office (or equivalent) submits through Grants.gov**
- ◆ **Submission must be on time; no grace period**
- ◆ **Adhere strictly to the Program Announcement requirements**



# How to Apply – Step 3: Application Verification in eBRAP



## Review & Modify Full Application

### ◆ Verification Period

- ❖ Auto-email notification after eBRAP has processed the Grants.gov application
- ❖ Review and modify allowable components – not Project Narrative or Budget
- ❖ Affiliation with organization is required

### ◆ Tips for success!

- ❖ Choose correct Grants.gov application package
- ❖ Use correct spelling of names and emails; must match those in pre-application
- ❖ Include eBRAP log number

Help Desk  
Guide  
FAQ  
Privacy Statement  
Logout

Electronic Biomedical Research Application Portal  
Serving USAMRMC, USAMRAA, CDMRP, DHP

My Profile My Organization(s) My Applications Funding Opportunities and Forms


Full Application Deadline: 07-30-2014 12:55 PM Verification Deadline: 07-31-2014 12:55 PM

Summary SF424 Data SF424 Contacts Full Application Files Verify Full Application

Full Application BC120023 Status: DRAFT

There are no uploaded files for required category Nested Teal Postdoctoral Scholar Statement  
There are no uploaded files for required category Impact Statement  
There are no uploaded files for required category Innovation Statement  
There are no uploaded files for required category Letter of Support for the Teal Postdoctoral Scholar

Files Retrieved from Grants.gov On: 05-27-2014 04:16 PM

Review each category to verify accuracy. Except for the files denoted by , files can be deleted, replaced, and moved to a different category. After all changes are made, select the "Validate" button to check all validations. There cannot be any validation issues with this page in order to verify. Proceed to "Verify Full Application" tab prior to verification deadline.

Validate

Click on each Application Component to review and modify attachments

Application Components	Details
Restricted	Viewing: Required Attachments
Key Personnel	
Budget	
Required Attachments	
Other	

File cannot be modified or deleted; Application must be resubmitted to Grants.gov

Move a file to a different category

Upload a new version of a file

Delete a file

Required Attachments	File Name	Date
Technical Abstract	eBRAP Testing Document[1].pdf	2013-02-06 09:42:39.026
Project Narrative	ProjectNarrative.pdf	2013-02-06 09:42:38.919
Supporting Documentation	Support.pdf	2013-02-06 09:42:38.971
Lay Abstract	LayAbs.pdf	2013-02-06 09:42:39.084
Statement of Work	SOW.pdf	2013-02-06 09:42:39.158
Outcomes Statement	Outcomes.pdf	2013-02-06 09:42:39.227
Impact Statement	Collaboration.pdf	2013-02-06 09:42:39.27
Collaboration Statement	01_Page.pdf	2013-02-06 09:42:39.179

Validate





# Pitfalls to Avoid in Application Submission



- ◆ **Do not include Integration Panel members for the program and fiscal year to which you are applying**
- ◆ **Do not exceed the page limits; check files after creating PDF version**
- ◆ **Do not miss the submission deadline**
  - ❖ **Grants.gov validation may take up to 72 hours**
  - ❖ **System-to-system submissions are sometimes problematic**
  - ❖ **Application verification in eBRAP is possible before the deadline**
- ❖ **Submit the correct Project Narrative and Budget**



# Pitfalls to Avoid in Application Submission (continued)



- ◆ **Make sure the following items on the SF424 match what was in the pre-application in eBRAP**
  - ❖ **PI's last name**
  - ❖ **PI's email**
  - ❖ **Organization name**
  - ❖ **CDMRP log number**
- ◆ **Monitor your email at least one week after submission**
  - ❖ **You will be notified if CDMRP has received and processed your application from Grants.gov; then application verification can take place**
- ◆ **Partnering PIs must follow the link in the email from eBRAP and complete the registration process before the submission deadline**
  - ❖ **Failure to do so could delay or eliminate ability to view and modify applications during the verification period**



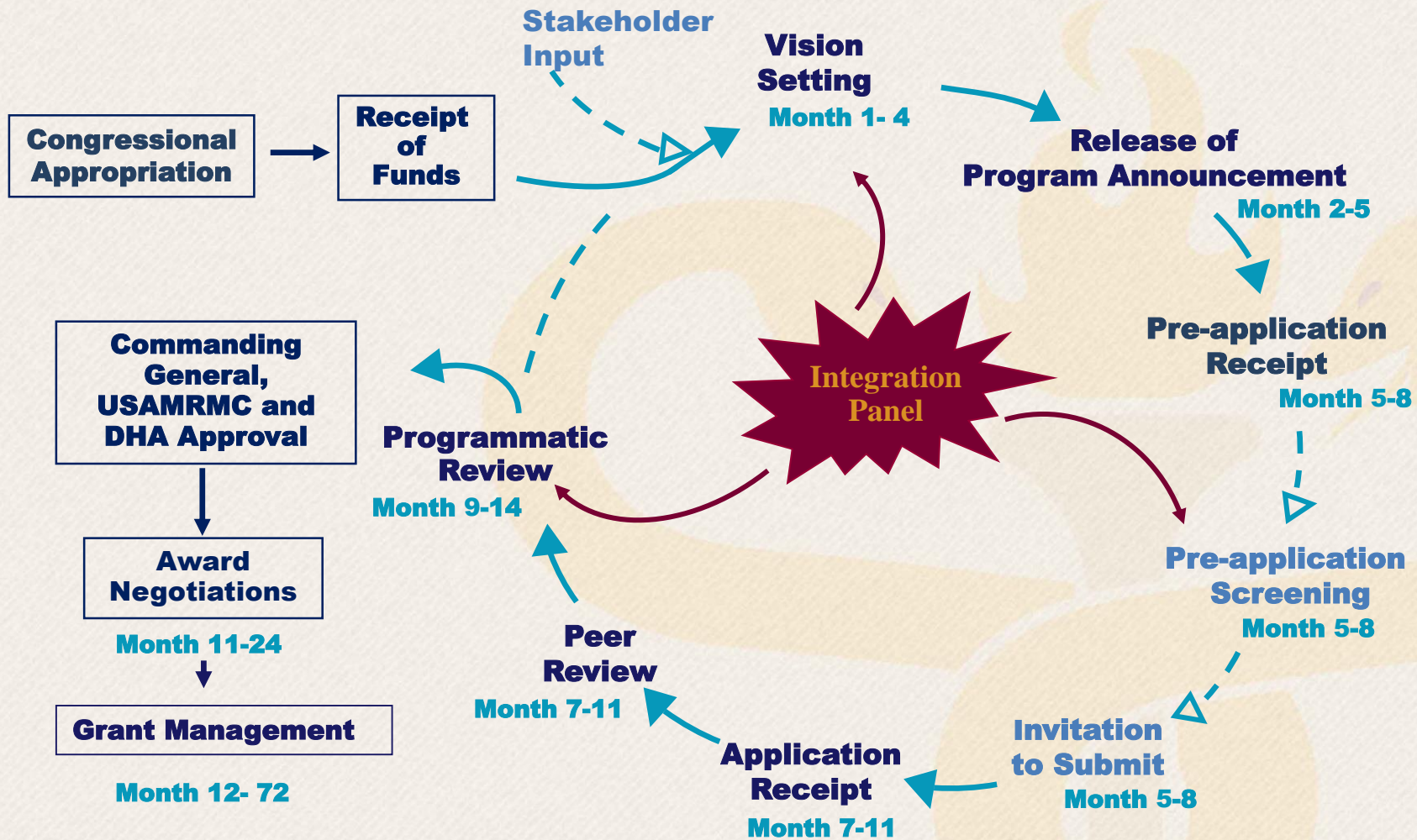


# **CDMRP Application Review Processes**

**CDMRP Goal:  
Provide a fair and thorough review for  
every application**



# Program Cycle







# Goal of Two-Tier Review Process



**To find scientifically meritorious proposals and fund those that best fulfill program goals**





# First Tier: Peer Review



## ◆ **How the evaluation process works**

- ❖ **Technical merit assessment based on an ideal application**
- ❖ **Criteria-based evaluation of entire application**

## ◆ **Peer Reviewers**

- ❖ **Panels comprised of scientific and consumer reviewers**
- ❖ **No standing panels**
- ❖ **Reviewers recruited based on expertise needed**
- ❖ **Identities are not made known to applicants; contact between applicants and reviewers not permitted**

## ◆ **Outcome: Summary Statement**





# Second Tier: Programmatic Review



- ◆ **How the evaluation process works**
  - ❖ **Comparison-based**
  - ❖ **Strong scientific merit**
  - ❖ **Adherence to award mechanism's intent**
  - ❖ **Potential for impact**
  - ❖ **Program relevance**
  - ❖ **Consideration of portfolio composition**
- ◆ **Programmatic reviewers**
  - ❖ **Integration Panel (or equivalent)**
  - ❖ **Ad hoc reviewers**
- ◆ **Outcome: Funding recommendations**



# Strategies for Success



- ◆ **Propose solutions to important problems: IMPACT**
- ◆ **Identify gap(s) that will be filled: INNOVATION**
- ◆ **Align the proposed work with guidance from the Program Announcement: RELEVANCE**
- ◆ **Justify a technically sound plan with clear approaches for contingencies: FEASIBILITY**
  - ❖ **Include evidence of appropriate EXPERTISE (collaboration, consultants, biostatistician, etc.)**
  - ❖ **Ensure the study is APPROPRIATELY POWERED for the proposed research outcome**





# Strategies for Success (continued)



- ❖ Explain the proposed work with **CLARITY** and **UNBURDENED** by jargon
- ❖ Respect the different audiences of the technical and public abstracts and **COMMUNICATE** effectively
- ❖ Don't break the rules — Be **COMPLIANT**



# **Questions on CDMRP Application Submission or Review?**





# **Other DoD Funding Opportunities**



# Medical Research and Development at USAMRMC



**Infectious  
Diseases**



**Combat  
Casualty  
Care**



**Military  
Operational  
Medicine**



**Clinical &  
Rehabilitative  
Medicine**

## Mission:

**Responsively and responsibly  
create, develop, deliver, and  
sustain medical capabilities for  
the Warfighter.**

## Vision:

**Lead the advancement of  
military medicine.**



**Medical Chemical  
Biological Defense**



**Advanced  
Technologies**



**Medical  
Logistics**



**Medical  
IM/IT**



**Medical  
Facilities  
Planning**





# USAMRMC Funding Opportunities



## ◆ Broad Agency Announcement (BAA)

- ❖ BAA 15-1, October 2014
- ❖ Continuously Open through 30 September 2015
- ❖ Announcement lists topic areas of current interest



## ◆ Postings

- ❖ USAMRAA: <http://www.usamraa.army.mil/>
- ❖ FedBizOps: <http://fbo.gov> (keyword search: USAMRMC)
- ❖ Grants.gov: <http://www.grants.gov> (F. O. Number W81XWH-BAA-15-1)

## ◆ Process

- ❖ Pre-applications submitted to eBRAP.org
- ❖ Full Applications are invited only; submitted through Grants.gov
- ❖ Full Applications undergo external peer review



# Broad Agency Announcement (BAA)



- Brief summary
- Important links
- FAQs

USAMRAA | United States Army Medical Research Acquisition Activity - Windows Internet Explorer

https://www.usamraa.army.mil/

File Edit View Favorites Tools Help

USAMRAA | United States Army Medical Research Acq...

**United States Army Medical Research Acquisition Activity**  
**USAMRAA**

PRODUCTS | CUSTOMERS | ORGANIZATION | BUSINESS | REFERENCES | COMMUNITY | TOOLS | LINKS | SITEMAP

**OSBP**  
**Assistance Agreements**  
**Forms**  
**Assistance Advisory Notices**  
**Procurement Advisory Notices**  
**New Products & Idea Submissions**  
**BAA**  
**Customer Survey**  
**Contact Webmaster**  
**iSalute**  
**PRWeb Help**

**SITE SEARCH**



**IMPORTANT LINKS**  
Conference - Medical Research, Development and Acquisition in Support of the Warfighter.  
Center of Excellence  
CMRA  
PRCentral Training Presentations  
HBCU-MI Briefing Presentations  
Advanced Acquisition Forecast (AAF)  
Trouble Accessing the USAMRAA website(s)  
AbilityOne E-Commerce Website (USAMRMC Base Supply Program)  
Fort Detrick Contracting Community Portal  
Sample Contract Supporting Documents  
Contract Requirements Matrix  
VCE-COR website  
Vendor Day  
General Guidelines for Awards Funded by the DOD

**NEWS**  
**NOTICE TO CONTRACTORS**  
Wiki-Leaks Sanitization Procedures

**PROGRAM ANNOUNCEMENT (PA) POSTINGS & UPDATES**  
For a complete listing of Assistance Agreement Funding Opportunities posted by the U.S. Army Medical Research Acquisition Activity, please see Grants.gov and perform a search using CFDA# 12.420.  
**NOTICE:** Any assistance instrument awarded under these Funding Opportunities will be governed by the award terms and conditions, which conform to DoD's implementation of OMB circulars applicable to financial assistance. Terms and conditions of new awards made after December 26, 2014, may include revisions to reflect DoD implementation of new OMB guidance in 2 CFR part 200, "Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards."

**SOLICITATIONS POSTINGS & AMENDMENTS**  
For a complete listing of Solicitations posted by the U.S. Army Medical Research Acquisition Activity, please see FedBizOpps or the Army Single Face to Industry (ASFI) website and perform a search for W81XWH. Additionally, announcements with J&A's can be found on FEDBIZOPPS and ASFI.

**SOLICITATIONS \$15,000 TO \$25,000**  
Pursuant to FAR 5.101(a)(2) all solicitations issued by this activity expected to exceed \$15,000 and not expected to exceed \$25,000 will be posted below. Please click below to access the current solicitations.  
Current Solicitations \$15,000 to \$25,000





# USAMRMC Funding Opportunities



## New Products & Ideas (NPI)

- ◆ **Unsolicited proposals for new products and ideas that support the USAMRMC mission**
- ◆ **<https://www.usamraa.army.mil/>**
- ◆ **Continuously open**
- ◆ **Preproposals reviewed internally for USAMRMC priority**
- ◆ **Not a substitute where other submission vehicles are more appropriate (e.g., BAA; PAs; RFPs)**
- ◆ **Initial review completed and applicant notified within 30 days**
- ◆ **Review may include:**
  - ❖ **Request for further information**
  - ❖ **Request full unsolicited proposal**
  - ❖ **Proposal may fit current solicitation or program announcement**





# New Products and Ideas (NPI)



- **NPI User Registration**
- **Submission Form**
- **FAQs**

USAMRAA | United States Army Medical Research Acquisition Activity - Windows Internet Explorer

https://www.usamraa.army.mil/

File Edit View Favorites Tools Help

USAMRAA | United States Army Medical Research Acq...

 **United States Army Medical Research Acquisition Activity**  
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PRODUCTS | CUSTOMERS | ORGANIZATION | BUSINESS | REFERENCES | COMMUNITY | TOOLS | LINKS | SITEMAP

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[Current Solicitations \\$15,000 to \\$25,000](#)





# USAMRMC Funding Opportunities



## ◆ **Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) Programs**

- ❖ **Goal to utilize unique features of small businesses to provide innovation for U.S. Army's mission and needs**
- ❖ **<https://www.armysbir.army.mil>**
- ❖ **<https://www.dodsbir.net>**
- ❖ **SBIR must involve small business**
- ❖ **STTR requires partnership of small business with universities, federally funded R&D centers, and other non-profit research institutions**
- ❖ **Multiple SBIR solicitations throughout the year**
  - **USAMRMC releases about 20 topics each year and in FY14 awarded 56 phase I and 27 phase II SBIR contracts**
  - **Topics change with every solicitation**





# Outline



- ◆ **Overview of CDMRP**
- ◆ **CDMRP Funding Opportunities**
- ◆ **Application Submission Process**
- ◆ **Application Review Processes**
- ◆ **Other DoD Funding Opportunities**





# https://cdmrp.army.mil



The screenshot shows the CDMRP website in a web browser. The address bar displays <http://cdmrp.army.mil/>. The page header includes the U.S. Army logo, the CDMRP logo, and the text "Congressionally Directed Medical Research Programs" and "Department of Defense". Navigation links include HOME, SITE MAP, CONTACT US, and social media links for Twitter, YouTube, and RSS. A search bar is present with the text "Search CDMRP" and a "SEARCH" button. Below the header is a navigation menu with links to RESEARCH PROGRAMS, FUNDING OPPORTUNITIES, CONSUMER INVOLVEMENT, SEARCH AWARDS, MEDIA CENTER, and ABOUT US.

The main content area features a section titled "2014/2015 Program Announcements" with a list of programs, each marked with a "NEW" tag:

- Alcohol and Substance Abuse
- NEW Amyotrophic Lateral Sclerosis
- NEW Bone Marrow Failure
- NEW Breast Cancer
- Clinical and Rehabilitative Medicine
- NEW Defense Medical Research and Development Program
- NEW Ovarian Cancer
- Psychological Health and Traumatic Brain Injury

Surrounding the central list are several thumbnail images with labels: "Features" (top left), "Research Programs" (middle left), "Funding Opportunities" (bottom left), "Search Awards" (top right), "Consumer Involvement" (middle right), and "About Us" (bottom right). The "About Us" thumbnail includes the text "United States Army Fort Detrick".

UNCLASSIFIED

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