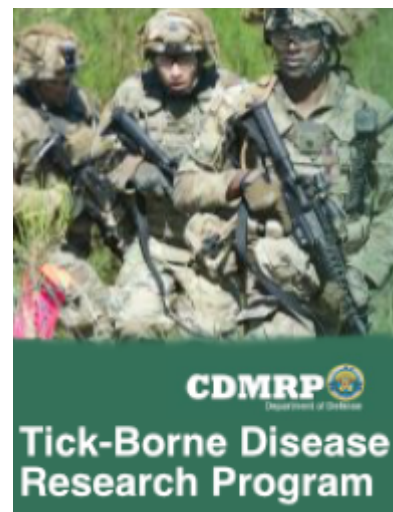


# Researchers! CDMRP Funding Opportunities for Fiscal Year 2020

The FY20 Tick-Borne Disease Research Program (TBDRP) Program Announcements managed by the Department of Defense (DOD) office of Congressionally Directed Medical Research Programs (CDMRP) are now posted to the [grants.gov](https://www.grants.gov) (search grants by CFDA Number 12.420) and on the [CDMRP website](#).



FY20 funding opportunities include the following:

- [Career Development Award](#)
- [Idea Development Award](#)

**Pre-Applications are due May 27, 2020 and invited Applications due August 27, 2020.**

Click [here](#) to view the Synopsis of FY20 TBDRP Award Mechanisms

Click [here](#) to view the CDMRP TBD flyer with program highlights.

Descriptions of each of the funding opportunities, eligibility, key mechanism elements, and funding can be found in the Program pre-announcement. FY20 pre-announcements can be found on the [CDMRP home page](#).

**Point of Contact:**

CDMRP Public Affairs

301-619-9783

[usarmy.detrick.medcom-cdmrp.mbx.cdmrp-public-affairs@mail.mil](mailto:usarmy.detrick.medcom-cdmrp.mbx.cdmrp-public-affairs@mail.mil)

NOTE from Lyme Disease Association: Please do not contact us for information. Contact the CDMRP TBDRP directly. Thank you!

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# Lyme Disease Needs Your Congressmen to Sign Onto Letters NOW!



Rep. Chris Smith



Rep. Collin Peterson

## ISSUE

At this time the Lyme Disease Association, Inc. is asking you to contact your Congress Member to ask him/her to sign on to 2 important letters from the US House Lyme Disease Caucus.

These bipartisan letters provide details that the Lyme Caucus is asking the 2 Appropriations Committees to include in their reports on FY 2021 Appropriations. This language will help provide direction for the monies and was developed with input from Lyme/TBD advocates.

[LETTER](#) LHHS Appropriations Committee (sign-on deadline 3/10)

[LETTER](#) DoD Appropriations Committee Lyme/CDMRP (sign-on deadline 3/13)

## **INSTRUCTIONS**

### **1. Determine Who Your Congress Member Is**

Click on “Find Your Rep” box below

Type in zip code (your Member or a Member who serves your group’s area, your work area, etc.)

[FIND YOUR REP](#)

### **2. Congress Members Already Signed on Letter as of March 6, 2020/ Do Not Contact**

Christopher H. Smith (NJ), Caucus Co-Chair

Collin Peterson (MN), Caucus Co-Chair

Antonio R. Delgado (NY)

Brian Fitzpatrick (PA)

Tom Malinowski (NJ)

Chellie Pingree (ME)

Bill Posey (FL)

Max Rose (NY)

Elise M. Stefanik (NY)

Jennifer Wexton (VA)

Vicky Hartzler (MO)

### **3. Email or Call Your Congress Member’s DC office.**

**A. Below is an example of what you need to say to your**

**Congress Member. Here are some examples of how you can identify yourself:** I am a Lyme patient, family member, friend of, person concerned about Lyme, doctor, Lyme group leader, etc.

**B. Cut & paste the red text below into an email to your Congress Member OR call and say the following verbally over the phone to your Congress Member:**

Dear Congress Member,

I ask that you please sign onto the two letters from the bipartisan House of Representatives Lyme Disease Caucus – co-chairs Christopher Smith (NJ) and Collin Peterson (MN) – to the LHHS Appropriations Committee and to the DoD Appropriations Committee (Lyme/CDMRP). The important language in these letters will help Lyme patients across the country. Here are links to the draft letters:

- LHHS [bit.ly/2Vk21vt](http://bit.ly/2Vk21vt) signatures due March 10
- DoD (Lyme/CDMRP) [bit.ly/3bQGz77](http://bit.ly/3bQGz77) signatures due March 13

Please call or email Kelsey Griswold [Kelsey.Griswold@mail.house.gov](mailto:Kelsey.Griswold@mail.house.gov) at the Office of Christopher Smith for information or to have your signature added. Thank you so much for your support on this important issue affecting hundreds of thousands of people in the US.

Sincerely, INSERT YOUR NAME, HERE

**C. PLEASE NOTE:** You are NOT supposed to email Kelsey Griswold. You are to instruct your Congress Person to email her directly.















# Researchers! Fiscal Year 2020 Preannouncement for TBDRP is Posted



The FY20 Tick-Borne Disease Research Program (TBDRP) Program managed by the Department of Defense (DOD) office of Congressionally Directed Medical Research Programs (CDMRP) has issued a preannouncement for the FY20 funding opportunity.

The link to the preannouncement can be found here:  
<https://cdmrp.army.mil/pubs/press/2020/20tbdrrpreann>

FY20 funding opportunities available for the Tick-Borne Disease Research Program (TBDRP) include a Career Development Award and an Idea Development Award. Descriptions of each of the funding opportunities, eligibility, key mechanism elements, and funding can be found in the Program pre-announcement.

Submission deadlines will not be available until the Program Announcements are released.

Flyer on CDMRP TBD program highlights:

[https://cdmrp.army.mil/tbdrr/pbbks/tbdrr\\_programhighlight2020.pdf](https://cdmrp.army.mil/tbdrr/pbbks/tbdrr_programhighlight2020.pdf)

**Point of Contact:**

CDMRP Public Affairs

301-619-9783

[usarmy.detrick.medcom-cdmrp.mbx.cdmrp-public-affairs@mail.mil](mailto:usarmy.detrick.medcom-cdmrp.mbx.cdmrp-public-affairs@mail.mil)

NOTE from Lyme Disease Association: Please do not contact us for information. Contact the CDMRP TBDRP directly. Thank you!

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# **Nicole Malachowski: Unfit for Duty from Debilitating Tick-Borne Disease**

From Department of Defense – CDMRP:

Nicole Malachowski recently medically retired from the US Air Force as a Colonel after 21 years of service as a career fighter pilot. She was the first woman in history to fly with the Thunderbirds (US Air Force Demonstration Squadron) and went on to be the Commander of the 333rd Fighter Squadron, where she trained more than 200 students to fly the F-15E fighter jet. She later served as the Deputy Director for US Air Force Readiness and Training for the Office of the Under Secretary of Defense for Personnel and Readiness. In addition, she served in the White House: first, as a fellow for the U.S. General Services Administration (2008-2009), then as the executive director of the White House “Joining Forces” Initiative (2015-2016). Ms. Malachowski was at the peak of a long and promising career.

Her medical retirement, however, was premature. At only 43 years old, she was deemed unfit for duty due to neurological damage from tick-borne illness.

[Read full story here](#)

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# Military Developing Uniform Repellent to Replace Permethrin

As part of the Pentagon's second annual "Bug Week," an event organized to raise awareness of insects and the diseases they carry, the Defense Department announced its plans to develop a new and improved product that will eventually replace permethrin, the repellent and insecticide currently used to soak most military combat uniforms to protect against insect bites and stings.



Officials were unable to disclose many details about the new product, which is undergoing testing and evaluation, but did comment that the new treatment could potentially be used at a lower level of toxicity, and can possibly last the entire length of a uniform's lifetime, an improvement from permethrin's coverage which lasts only up to 50 washes.

Dr. James English, a global health specialist with the Uniformed Services University pointed out the many shortcomings of permethrin and stated, "We are working on a new chemical ... that would also include environmental factors like sweat, ultraviolet light and abrasion, so we are trying to make it last longer."

When it comes to vector-borne diseases, the Defense Department asserts that Lyme disease continues to be the top domestic threat to U.S. troops while mosquitoes and the diseases they carry are a major challenge overseas.

#### References

1. Military.com. Military Eyes Bug-Repellent Coating to Replace Permethrin in Uniforms. [News Article]. Copyright 2019 Military Advantage.  
<https://www.military.com/daily-news/2019/08/02/military-eyes-bug-repellent-coating-replace-permethrin-uniforms.html>

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# URGENT: Your Help Needed for Inspector General Investigation

**TO:** Lyme Disease Advocates & Patients  
**FROM:** Lyme Disease Association, Inc.  
Pat Smith, President, 8-15-19  
**RE:** Urgent & Immediate Help Needed  
to Investigate Information Which  
Could Lead to Helping to Solve Tick-  
Borne Diseases Problem



**ISSUE:** The debate over the prevalence of Lyme disease and whether it exists in a chronic form has raged for decades. Kris Newby's well-researched book, "Bitten," provides documented evidence that the properties of the Lyme pathogen

itself and its ally, the tick, appear to be part of our nation's biowarfare studies. The suspicions of disease sufferers, their advocates, and treating physicians deserve investigation.

**WHAT GOOD WOULD AN INVESTIGATION DO?** Results of an investigation could possibly:

- Change how tick-borne diseases are viewed.
- Change attitudes about patients.
- Have an impact on treatments.
- Have an impact on tick control.
- Lead to increased federal funding.

[WHAT CAN YOU DO TO HELP?](#)

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**BACKGROUND:** Swiss-American scientist Willy Burgdorfer is acclaimed for identifying the spirochetal bacteria which causes Lyme disease. Indeed, the pathogen bears his name, *Borrelia burgdorferi*. Yet, as the author discloses through filmed interviews and archival reviews, there were other aspects to Willy's research. Employed by the US government and headquartered at Rocky Mountain Laboratories, Burgdorfer was enmeshed in biological warfare projects. Ms. Newby discusses his work in Switzerland for the American government which led to the identification of a new strain of Rickettsia, a pathogen, if crossed with Borrelia, might well complicate treatment and thus be a candidate for biowarfare. Interviews by Ms. Newby with American researchers on the topic of the Rickettsia, dubbed "the Swiss agent" by Dr. Burgdorfer, did not shed any light on the mystery pathogen whose existence seems to be buried in the past.

Ms. Newby's discovery of tick drops and the experimental release of ticks document ongoing biowarfare research and questions the consequences if studies go awry. The prevalence of new diseases and the expansion of tick territories are

examined in the context of newly revealed government studies.

**CONGRESSIONAL ACTION TAKEN TO DATE:** The Lyme Disease Association has kept Congressman Christopher H. Smith (NJ) apprised of Lyme disease developments over the decades including the release of the book, "Bitten," and provided him with a pre-released copy along with our grave concerns that the quality of material and level of research merited immediate action. He read the book and took action that included educating as many in Congress as possible, which culminated with the US House of Representatives voting July 11, 2019, to pass Smith's Amendment #355 to the National Defense Authorizations Act (NDAA) for Fiscal Year 2020 (HR 2500), directing the Inspector General of the Department of Defense to "conduct a review of whether the Department of Defense experimented with ticks and other insects regarding use as a biological weapon between the years of 1950 and 1975. HR2500, as amended, passed the House on July 12, 2019. [View Amendment #355](#)

[View Congressman Smith's Floor Speech on the Amendment](#)

**WHO OPPOSES AN INVESTIGATION TO UNCOVER THE TRUTH?:** The same entities who claim there is no scientific evidence to support chronic Lyme claim— with little or no evidence— that this is a conspiracy theory perpetuated by advocates and patients. Most of them are the same individuals who have distorted information about the diagnosis and treatment of Lyme disease. They have debunked chronic Lyme disease for decades, despite a vast amount of new research evidence from prestigious institutions on the topic of persistent infection with the *Borrelia* bacteria after treatment. Like their specious arguments against chronic disease, these critics do not acknowledge nor present any verified opposition to the documents chronicled meticulously by Ms. Newby over five years of visits to the government archives, the Burgdorfer home—including interviews with Dr. Burgdorfer himself, and other places where Dr. Burgdorfer gave some records he did not



want the government to have.

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## HOW CAN YOU HELP?



**Here's What To Do & Say:** Contact the Senators offices as explained in [STEPS](#) listed below

\*Let them know you want him/her to support the Smith Amendment #355 to the National Defense Authorizations Act (NDAA) which requires the Inspector General of the Department of Defense to investigate a possible US biowarfare program involving ticks and other insects that may have contributed to the spread of tick-borne diseases.

\*Tell them that the public has a right to know if there was such a bioweapons program and a right to be provided with the details on what, where, and when these weaponized organisms may have been released on an unsuspecting public.

\*Explain that there may be information which could help in the fight of tick-borne diseases today, when about 427,000 cases of Lyme disease occurred in 2017 in the US according to the CDC, and about 20 tick-borne diseases and conditions are now found in the US.

Thank him/her.

Please contact [Milena@LymeDiseaseAssociation.org](mailto:Milena@LymeDiseaseAssociation.org) with any questions.

## **URGENT! ACTIONS FOR YOU TO TAKE NOW:**

Congress is on recess and many Members are back in their home districts.

### **STEPS:**

#### [Look at the US Senate Armed Services Committee Table Below](#)

- If there is a Member who is a US Senator from your state, [Start with #1.](#)
- If there is NOT a Member from your state, [Start with #2.](#)

#### **1. If there is a Member who is a US Senator from your state**

- Call his/her state office (number in table below) to get a personal meeting with him/her while they are home in-state.

#### **OR**

- If you cannot get a personal in-state meeting with your Senator
  - Set up a meeting with a local office staff member and ask them to teleconference in the appropriate staff member from the Washington, DC office to your meeting.

#### **OR**

- If you cannot meet with your Senator's office in-state, call them at the DC office number (in the table below)

**After completing the above, please call as many of the remaining offices as possible at the DC number (in the table below).**

*Skip #2.*

## 2. If there is NOT a member from your state

- Please call as many Armed Services Committee members on the list below, as possible at their DC office number. Ask for whoever is responsible for the National Defense Authorizations Act (NDAA) in that office. The more Senators we contact, the better chance we have of getting an investigation.

## Tips for How to Contact U.S. Senators

- A telephone call usually has the most impact. When addressing your U.S. Senator, always refer to them as “Senator (Name)” or “The Honorable (Name)”.
- When emailing, use the same formality as you would when writing a letter.
- When addressing an envelope or letter, always refer to your legislator as “The Honorable (Name)”. For the salutation, write: “Dear Senator (Name),” so your message doesn’t look like junk mail (*referenced from sbsb.com*).
  - Example:
    - The Honorable (Senator’s Name)
    - United States Senate
    - Washington, D.C. 20510
- If your senator is the chairman or ranking member of a committee, type the full title under the senator’s name in the address block. Committee position information is included in the table below.
- For more information on how to contact U.S. Senators, visit [www.senate.gov](http://www.senate.gov) OR [www.sbsb.com](http://www.sbsb.com)
- If you have any questions, please contact **Milena@LymeDiseaseAssociation.org**

## MEMBERS of SENATE ARMED SERVICES COMMITTEE

[See above TIPS on how to contact your Senator.](#)

Name	PRT-ST	Committee Position	DC Office Ph #	State Office Ph #	Email/Form Contact Link	Website
James Inhofe	R-OK	Chair, Senate Armed Services	(202) 224-4721	(918) 748-5111	<a href="https://www.inhofe.senate.gov/contact">https://www.inhofe.senate.gov/contact</a>	<a href="http://www.inhofe.senate.gov">www.inhofe.senate.gov</a>
Jack Reed	D-RI	Ranking Member, Senate Armed Services	(202) 224-4642	(401) 528-5200	<a href="https://www.reed.senate.gov/contact/email">https://www.reed.senate.gov/contact/email</a>	<a href="http://www.reed.senate.gov">www.reed.senate.gov</a>
Roger F. Wicker	R-MS	Member, Senate Armed Services	(202) 224-6253	(601) 965-4644	<a href="https://www.wicker.senate.gov/public/index.cfm/contact">https://www.wicker.senate.gov/public/index.cfm/contact</a>	<a href="http://www.wicker.senate.gov">www.wicker.senate.gov</a>
Deb Fischer	R-NE	Member, Senate Armed Services	(202) 224-6551	(402) 441-4600	<a href="https://www.fischer.senate.gov/public/?p=email-deb">https://www.fischer.senate.gov/public/?p=email-deb</a>	<a href="http://www.fischer.senate.gov">www.fischer.senate.gov</a>
Tom Cotton	R-AR	Member, Senate Armed Services	(202) 224-2353	(479) 751-0879	<a href="https://www.cotton.senate.gov/?p=contact">https://www.cotton.senate.gov/?p=contact</a>	<a href="http://www.cotton.senate.gov">www.cotton.senate.gov</a>
Mike Rounds	R-SD	Member, Senate Armed Services	(202) 224-5842	(605) 224-1450	<a href="https://www.rounds.senate.gov/contact/email-mike">https://www.rounds.senate.gov/contact/email-mike</a>	<a href="http://www.rounds.senate.gov">www.rounds.senate.gov</a>
Joni Ernst	R-IA	Member, Senate Armed Services	(202) 224-3254	(515) 284-4574	<a href="https://www.ernst.senate.gov/public/index.cfm/email-joni">https://www.ernst.senate.gov/public/index.cfm/email-joni</a>	<a href="http://www.ernst.senate.gov">www.ernst.senate.gov</a>
Thom Tillis	R-NC	Member, Senate Armed Services	(202) 224-6342	(919) 856-4630	<a href="https://www.tillis.senate.gov/">https://www.tillis.senate.gov/</a>	<a href="http://www.tillis.senate.gov">www.tillis.senate.gov</a>
Dan Sullivan	R-AK	Member, Senate Armed Services	(202) 224-3004	(907) 271-5915	<a href="https://www.sullivan.senate.gov/contact/email">https://www.sullivan.senate.gov/contact/email</a>	<a href="http://www.sullivan.senate.gov">www.sullivan.senate.gov</a>
David Perdue	R-GA	Member, Senate Armed Services	(202) 224-3521	(404) 865-0087	<a href="https://www.perdue.senate.gov/connect/email">https://www.perdue.senate.gov/connect/email</a>	<a href="http://www.perdue.senate.gov">www.perdue.senate.gov</a>
Kevin Cramer	R-ND	Member, Senate Armed Services	202-224-2043	701-232-5094	<a href="https://www.cramer.senate.gov/contact_kevin">https://www.cramer.senate.gov/contact_kevin</a>	<a href="http://www.cramer.senate.gov">www.cramer.senate.gov</a>
Martha McSally	R-AZ	Member, Senate Armed Services	(202) 224-2235	(602) 952-2410	<a href="https://www.mcsally.senate.gov/contact_martha">https://www.mcsally.senate.gov/contact_martha</a>	<a href="http://www.mcsally.senate.gov">www.mcsally.senate.gov</a>
Rick Scott	R-FL	Member, Senate Armed Services	(202) 224-5274	(850) 942-8415	<a href="https://www.rickscott.senate.gov/contact_rick">https://www.rickscott.senate.gov/contact_rick</a>	<a href="http://www.rickscott.senate.gov">www.rickscott.senate.gov</a>
Marsha Blackburn	R-TN	Member, Senate Armed Services	202-224-3344	865-540-3781	<a href="https://www.blackburn.senate.gov/contact_marsha">https://www.blackburn.senate.gov/contact_marsha</a>	<a href="http://www.blackburn.senate.gov">www.blackburn.senate.gov</a>
Josh Hawley	R-MO	Member, Senate Armed Services	(202) 224-6154	(816) 960-4694	<a href="https://www.hawley.senate.gov/contact-senator-hawley">https://www.hawley.senate.gov/contact-senator-hawley</a>	<a href="http://www.hawley.senate.gov">www.hawley.senate.gov</a>

Name	PRT-ST	Committee Position	DC Office Ph #	State Office Ph #	Email/Form Contact Link	Website
Jeanne Shaheen	D-NH	Member, Senate Armed Services	(202) 224-2841	(603) 750-3004	<a href="https://www.shaheen.senate.gov/contact/contact-jeanne">https://www.shaheen.senate.gov/contact/contact-jeanne</a>	<a href="http://www.shaheen.senate.gov">www.shaheen.senate.gov</a>
Kirsten E. Gillibrand	D-NY	Member, Senate Armed Services	(202) 224-4451	(518) 431-0120	<a href="https://www.gillibrand.senate.gov/contact/email-me">https://www.gillibrand.senate.gov/contact/email-me</a>	<a href="http://www.gillibrand.senate.gov">www.gillibrand.senate.gov</a>
Richard Blumenthal	D-CT	Member, Senate Armed Services	(202) 224-2823	(860) 258-6940	<a href="https://www.blumenthal.senate.gov/contact/">https://www.blumenthal.senate.gov/contact/</a>	<a href="http://www.blumenthal.senate.gov">www.blumenthal.senate.gov</a>
Mazie K. Hirono	D-HI	Member, Senate Armed Services	(202) 224-6361	(808) 522-8970	<a href="https://www.hirono.senate.gov/contact">https://www.hirono.senate.gov/contact</a>	<a href="http://www.hirono.senate.gov">www.hirono.senate.gov</a>
Tim Kaine	D-VA	Member, Senate Armed Services	(202) 224-4024	(804) 771-2221	<a href="https://www.kaine.senate.gov/contact/share-your-opinion">https://www.kaine.senate.gov/contact/share-your-opinion</a>	<a href="http://www.kaine.senate.gov">www.kaine.senate.gov</a>
Angus King	D-ME	Member, Senate Armed Services	(202) 224-5344	(207) 622-8292	<a href="https://www.king.senate.gov/contact">https://www.king.senate.gov/contact</a>	<a href="http://www.king.senate.gov">www.king.senate.gov</a>
Martin Heinrich	D-NM	Member, Senate Armed Services	(202) 224-5521	(505) 346-6601	<a href="https://www.heinrich.senate.gov/contact/write-martin">https://www.heinrich.senate.gov/contact/write-martin</a>	<a href="http://www.heinrich.senate.gov">www.heinrich.senate.gov</a>
Elizabeth Warren	D-MA	Member, Senate Armed Services	(202) 224-4543	(617) 565-3170	<a href="https://www.warren.senate.gov/contact/shareyouropinion">https://www.warren.senate.gov/contact/shareyouropinion</a>	<a href="http://www.warren.senate.gov">www.warren.senate.gov</a>
Gary C. Peters	D-MI	Member, Senate Armed Services	(202) 224-6221	(313) 226-6020	<a href="https://www.peters.senate.gov/contact/email-gary">https://www.peters.senate.gov/contact/email-gary</a>	<a href="http://www.peters.senate.gov">www.peters.senate.gov</a>
Joe Manchin	D-WV	Member, Senate Armed Services	202-224-3954	304-342-5855	<a href="https://www.manchin.senate.gov/contact-joe/email-joe">https://www.manchin.senate.gov/contact-joe/email-joe</a>	<a href="http://www.manchin.senate.gov">www.manchin.senate.gov</a>
Tammy Duckworth	D-IL	Member, Senate Armed Services	(202) 224-2854	(312) 886-3506	<a href="https://www.duckworth.senate.gov/connect/email-tammy">https://www.duckworth.senate.gov/connect/email-tammy</a>	<a href="http://www.duckworth.senate.gov">www.duckworth.senate.gov</a>
Doug Jones	D-AL	Member, Senate Armed Services	(202) 224-4124	(334) 230-0698	<a href="https://www.jones.senate.gov/contact/email-doug">https://www.jones.senate.gov/contact/email-doug</a>	<a href="http://www.jones.senate.gov">www.jones.senate.gov</a>

[Back to Steps](#)

**LDA Alert to Lyme/TBD  
Researchers: Apply for \$\$ now**

# through CDMRP



The Lyme Disease Association (LDA) is alerting you to the Department of Defense Congressionally Directed Medical Research Program (CDMRP) Program Announcement for FY 2017 CDMRP research grant submissions. The Lyme Disease Association is providing the link to the CDMRP Tick-Borne Disease Research Program. All questions should be addressed to the CDMRP. The FY17 TBDRP Program Announcements can be found here <http://cdmrp.army.mil/funding/tbdrp>

The Lyme Disease Association (LDA) is alerting you to the Department of Defense Congressionally Directed Medical Research Program (CDMRP)



Program Announcement for FY 2017 CDMRP research grant submissions. The Lyme Disease Association is providing the link to the CDMRP Tick-Borne Disease Research Program. All questions should be addressed to the CDMRP. The FY17 TBDRP Program Announcements can be found here <http://cdmrp.army.mil/funding/tbdrp>

[Click here for a list of the FY16 TBD awards.](#)

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## Attention Lyme Researchers: CDMRP PreAnnouncement for Lyme Research Monies



The Department of Defense Congressionally Directed Medical Research Program (CDMRP) is alerting Lyme & other tick-borne diseases researchers to the potential for anticipated FY17 monies that might become available through the program so that researchers can plan for possible grant submissions. The Lyme Disease Association is providing the link to the CDMRP program. All questions should be addressed to the CDMRP program. <http://cdmrp.army.mil/pubs/press/2017/17tbdrppreann>

The Department of Defense Congressionally Directed Medical Research Program (CDMRP) is alerting Lyme & other tick-borne diseases



researchers to the potential for anticipated FY17 monies that might become available through the program so that researchers can plan for possible grant submissions. The Lyme Disease Association is providing the link to the CDMRP program. All questions should be addressed to the CDMRP program.

<http://cdmrp.army.mil/pubs/press/2017/17tbdrppreann>

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## **Researchers: Lyme Monies Available from CDMRP**

The Congressionally Directed Medical Research Program (CDMRP) has announced funding opportunities under the auspices of the Tick-Borne Diseases Programmatic Panel. \$5 million has been appropriated for tick-borne diseases research through the Department of Defense budget for the 2016 (FY16) CDMRP program. Research specifically involving the following areas is being sought:

Pathogenesis:

- Host-pathogen interactions
- Human immune response
- Mechanisms of persistence of Lyme disease
- New research tools to support studies of pathogenesis

Prevention:

- Interrupting the natural cycle
- Personal protection measures
- Targeted vaccines
- Post-exposure prophylaxis

Diagnosis:

- Direct detection of tick-borne pathogens or their products in humans
- Biomarkers for diagnosis

Treatment:

- Innovative approaches to treatment
- Basic studies aimed at safe and effective treatments for the cause of persistent symptoms in Lyme disease
- Biomarkers of effective prognosis, therapy and cure

**Applications addressing persistence and direct detection of Lyme borreliae are highly encouraged.**



Award Mechanism	Eligibility	Key Mechanism Elements	Funding
<b>Idea Award (IA)</b>	Independent investigators at or above the level of Assistant Professor (or equivalent)	<ul style="list-style-type: none"> <li>• <b>Preproposal is required; full application submission is by invitation only.</b></li> <li>• Fund <b>conceptually innovative</b>, high-risk/potentially high-reward research in the early stages of development that could ultimately lead to critical discoveries and/or improvements in patient care and/or quality of life.</li> <li>• Preliminary data that are relevant to the proposed research project should be included.</li> <li>• Clinical trials are not allowed.</li> </ul>	<ul style="list-style-type: none"> <li>• Anticipated maximum funding of <b>\$250,000</b> for direct costs (plus indirect costs).</li> <li>• Maximum period of performance is <b>2</b> years.</li> </ul>

<b>Investigator-Initiated Research Award (IIRA)</b>	Independent investigators at or above the level of Assistant Professor (or equivalent)	<ul style="list-style-type: none"> <li>• <b>Preproposal is required; full application submission is by invitation only.</b></li> <li>• Fund highly rigorous, <b>high-impact</b> research with the potential to make an important contribution to research and/or patient care.</li> <li>• <b>Preliminary or published data is required.</b></li> <li>• Clinical trials are not allowed, however human studies/clinical research are permitted.</li> </ul>	<ul style="list-style-type: none"> <li>• Anticipated maximum funding of <b>\$700,000</b> for direct costs (plus indirect costs).</li> <li>• Maximum period of performance is <b>3</b> years.</li> </ul>
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For further information go to the CDMRP website:

<http://cdmrp.army.mil/tbdrp/default.shtml>

For CDMRP press release on the funding go to:

<http://cdmrp.army.mil/pubs/press/2016/16tbdrppreann.shtml>

A detailed description of the funding opportunity, evaluation criteria, and submission requirements can be found in the Program Announcements. The Program Announcements are available electronically for downloading from the [Grants.gov](https://www.Grants.gov) website, the CDMRP website (<http://cdmrp.army.mil/funding/prgdefault.shtml>) and the electronic Biomedical Research Application Portal (eBRAP) (<https://eBRAP.org>). All CDMRP funding opportunities, both recently and previously released, are available on the [CDMRP website](https://www.CDMRP.website). Listing of all open CDMRP funding opportunities can be obtained on the [Grants.gov](https://www.Grants.gov) website by performing a basic search using CFDA Number 12.420.

Submission is a two-step process requiring both (1) pre-application submission through the electronic Biomedical Research Application Portal (eBRAP) (<https://eBRAP.org/>) and (2) application submission through [Grants.gov](https://www.Grants.gov). Refer to the General Application Instructions, Section II.A. for registration and submission requirements for eBRAP and [Grants.gov](https://www.Grants.gov).

eBRAP is a multifunctional web-based system that allows PIs to submit their pre-applications electronically through a secure connection, to view and edit the content of their pre-applications and full applications, to receive communications from the CDMRP, and to submit documentation during award negotiations and period of performance. A key feature of eBRAP is the ability of an organization's representatives and PIs to view and modify the [Grants.gov](https://www.Grants.gov) application submissions associated with them. eBRAP will validate [Grants.gov](https://www.Grants.gov) application files against the specific Program Announcement/Funding Opportunity requirements and discrepancies will be noted in an email to the PI and in the Full Application Files tab in eBRAP. It is the applicant's responsibility to review all application components for accuracy as well as ensure proper ordering as specified in this Program Announcement/Funding Opportunity.

For an overview of the submission process, go to:

<http://cdmrp.army.mil/funding/apply.shtml>

For questions: Researchers contact trained staff at the Electronic Biomedical Research Applications Portal (eBRAP) help desk, available Monday through Friday (except Holidays). Standard hours are 8:00 a.m. – 5:00 p.m. eastern standard time (ET).

•E-mail: [Help@eBRAP.org](mailto:Help@eBRAP.org)

•Phone: (301) 682-550

In addition, PIs may want to visit the eBRAP website: <https://eBRAP.org/> for additional information, such as:

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

- [Contact the helpdesk](#)
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# From 2013 LDA Conf. to 2014 Peer Review: Ticks in Upper Midwest

At the LDA's 14th annual Lyme & Tick-Borne Diseases 2013 conference held in St. Paul Minnesota, Ellen Stromdahl, Entomologist, US Army Public Health Command Entomological Sciences Program at Aberdeen Proving Grounds in Maryland, presented US Army Findings in Ticks from the Upper Midwest. Now, the paper of that talk has been published in the peer reviewed journal *Parasites & Vectors*.

<http://www.parasitesandvectors.com/content/7/1/553/abstract>