

Clean up U.S. Military Bases in Iraq and Afghanistan

Mozhgan Savabieasfahani

Friday March 10, 2017

The 6th International Convention of Environmental Laureates

Freiburg, Germany

Dr. Falah Al Hamadani,
and his staff at
Bint Al-Huda Maternal
and Child Teaching
Hospital

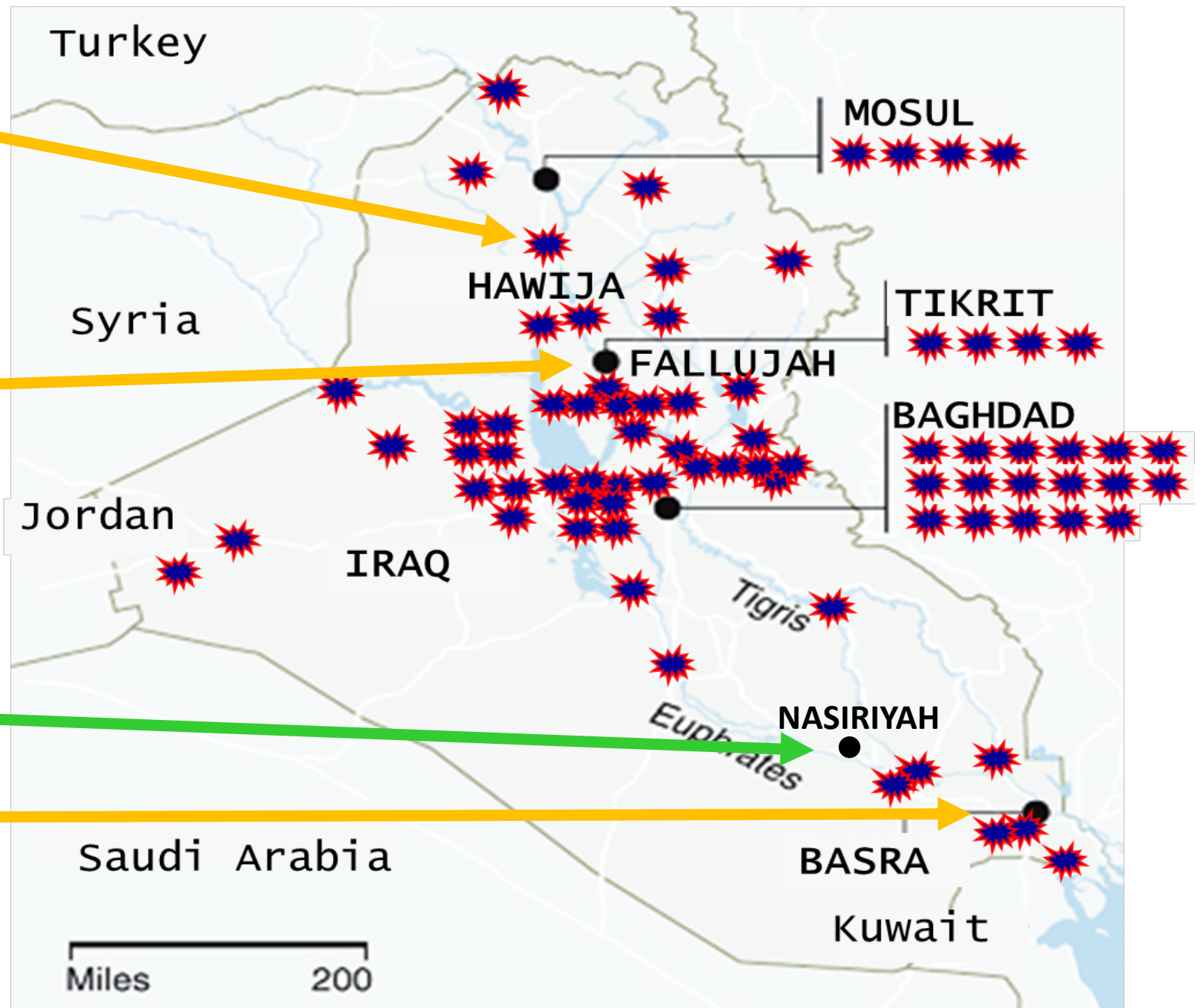


HAWIJA

FALLUJAH

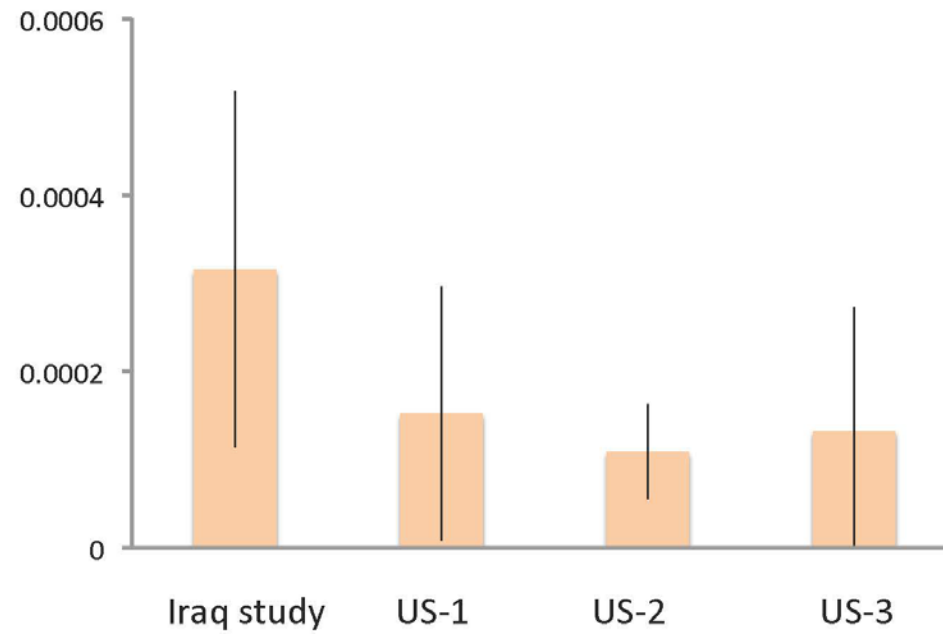
NASIRIYAH

BASRA



Preliminary data*

Lead levels



*requires further confirmatory analysis

Encephalocele







Hydrocephalus





Spina bifida







AMERICAN PUBLIC HEALTH ASSOCIATION
For science. For action. For health.

[About APHA](#) | [Join](#) | [Renew](#) | [Annual Meeting](#) |

Search APHA.org



What is
Public Health?

Topics &
Issues

Policy &
Advocacy

Publications &
Periodicals

Professional
Development

Events &
Meetings

News &
Media

Cleanup of U.S. Military Burn Pits in Iraq and Afghanistan

[Policy Statements and Advocacy](#)

[Policy Statements](#)

[Policy Statements](#)

[Policy Statement Database](#)

[Policy Statement Development Process](#)

Abstract

The US military has used open-air burn pits to manage waste in overseas combat operations for many years, most currently in the military actions in Iraq and Afghanistan. Concerns about environmental and health damages stemming from open-air burn pit exposures have prompted the US Congress to pass laws prohibiting further burn pit use and mandating that the Veterans Administration address health concerns regarding exposure. Burn pit emissions have been shown to contain toxins that can threaten health even in small exposures, such as dioxins, volatile organic compounds, particulate matter, and many more. The Environmental Protection Agency and the United States Central Command are on record acknowledging that exposure to toxins emitted by burned waste can undermine health and safety. The cessation of burn pit use is recommended, along with the repair of ecological damage created by their use. The Veterans Administration burn pit registry must be made functional, and health care should be provided to both veterans and the residents of Iraq and Afghanistan exposed to burn pits. Further research on the health effects of burn pit exposure is recommended. We also urge a long-term commitment to United Nations principles to preserve and enhance the human environment.

20155 Environmental cleanup in Iraq, Afghanistan

APHA, “Calls on federal policymakers to ...to pass legislation requiring the U.S. military to repair any ecological damage created as a result of military action abroad. ...

British Parliament Motions

Primary sponsor: Flynn, Paul

Title: CONTAMINATION OF WAR ZONES

March 2016: Early day motion 1257

May 2016: Early day motion 59

February 2017: Early day motion 973

“That this House recognises the long-term unresolved problem of toxic contamination of war zones, especially in Iraq; notes research on this problem recently presented by Dr Mozhgan Savabieasfahani to the University of Stavanger; is concerned about the lead pollution from burn-pits on US bases and from use of munitions and bullets; further notes the resolution agreed by the American Public Health Association in November 2015 that parties involved in military activities abroad have a post-conflict responsibility to clean up and decontaminate polluted areas; and calls on the Government to work with the US to take the necessary action to clean up areas polluted by the allied military forces and assist current generations in Iraq with remedial healthcare.”



Name	Party	Constituency
Ahmed-Sheikh, Tasmina	Scottish National Party	Coatbridge Chryst
Boswell, Phil	Scottish National Party	Worthing West
Bottomley, Peter	Conservative Party	Edinburgh North
Brook, Deidre	Scottish National Party	Kilmarnock and L
Brown, Alan	Scottish National Party	Blyth Valley
Campbell, Ronnie	Labour Party	Orkney and Shet
Carmichael, Alistair	Liberal Democrats	Leamington and
Crawley, Angela	Scottish National Party	Coventry South
Cunningham, Jim	Labour Party	Forth Valley
Durkan, Mark	Social Democratic and Labour Party	Newport West
Flynn, Paul	Labour Party	North East Fife
Gethins, Stephen	Scottish National Party	Inverness Nairn & Strathspey
Hendry, Drew	Scottish National Party	Luton North
Hopkins, Kelvin	Labour Party	Dundee West
Law, Chris	Scottish National Party	Brighton Pavilion
Lucas, Caroline	Green Party	Cumbernauld Kils East
McDonald, Stuart	Scottish National Party	Belfast South
McDonnell, Alasdair	Social Democratic and Labour Party	Mansfield
Meale, Alan	Labour Party	Caithness Suther
Monaghan, Paul	Scottish National Party	Leeds North West
Muholland, Greg	Liberal Democrats	Kirkcaldy and Cot
Mullin, Roger	Scottish National Party	East Dunbartonsh
Nicolson, John	Scottish National Party	Bolton South East
Qureshi, Yasmin	Labour Party	South Down
Ritchie, Margaret	Social Democratic and Labour Party	Dwyfor Meirionny
Saville Roberts, Liz	Plaid Cymru	Glasgow South W
Stephens, Christopher	Scottish National Party	Midlothian
Thompson, Owen	Scottish National Party	

Name	Scottish National Party	Coatbridge
Ahmed-Sheikh, Tasmina	Scottish National Party	Kilmarnock
Boswell, Phil	Scottish National Party	
Brown, Alan		
Chapman, Douglas	Scottish National Party	Dunfermline
Cherry, Joanna	Scottish National Party	Edinburgh
Crawley, Angela	Scottish National Party	Lanark
Cunningham, Jim	Labour Party	Coventry
Donaldson, Stuart	Scottish National Party	West Aberdeenshire
Durkan, Mark	Social Democratic and Labour Party	Foyles
Edwards, Jonathan	Plaid Cymru	Carmarthen
Fellows, Marion	Scottish National Party	Motherwell
Flynn, Paul	Labour Party	Newport
Gethins, Stephen	Scottish National Party	North Edinburgh
Glendon, Mary	Labour Party	North Tyneside
Hopkins, Kelvin	Labour Party	Luton
Law, Chris	Scottish National Party	Dundee
Lucas, Caroline	Green Party	Brighton
MacNeill, Angus	Scottish National Party	Na h-Eileanan Siar
McGarry, Natalie	INDEPENDENT	Glasgow
McNally, John	Scottish National Party	Falkirk
Monaghan, Paul	Scottish National Party	Calthorpe
Oswald, Kirsten	Scottish National Party	East Renfrewshire
Paterson, Steven	Scottish National Party	Stirling
Ritchie, Margaret	Social Democratic and Labour Party	South Down
Saville Roberts, Liz	Plaid Cymru	Dwyfor
Thewliss, Alison	Scottish National Party	Glasgow
Thompson, Owen	Scottish National Party	Midlothian
Thomson, Michelle	INDEPENDENT	Edinburgh

Name	Party	Region	Date
Brown, Alan	Scottish National Party	Coventry South	27.02.2017
Cunningham, Jim	Labour Party	Linlithgow and East Falkirk	01.03.2017
Day, Martyn	Scottish National Party	West Aberdeenshire and Kincardine	01.03.2017
Donaldson, Stuart	Scottish National Party	Foyle	28.02.2017
Durkan, Mark	Social Democratic and Labour Party	Carmarthen East and Dinefwr	22.02.2017
Edwards, Jonathan	Plaid Cymru	Newport West	02.03.2017
Flynn, Paul	Labour Party	North East Fife	28.02.2017
Gethins, Stephen	Scottish National Party	Glasgow North	27.02.2017
Grady, Patrick	Scottish National Party	Inverness Nairn Badenoch and Strathspey	28.02.2017
Hendry, Drew	Scottish National Party	Luton North	07.03.2017
Hopkins, Kelvin	Labour Party	Brighton Pavilion	24.02.2017
Lucas, Caroline	Green Party	Na h-Eileanan an Iar	27.02.2017
MacNeil, Angus	Scottish National Party	Cumbernauld Kilsyth and Kirkintilloch East	02.03.2017
McDonald, Stuart	Scottish National Party	Glasgow East	27.02.2017
McGarry, Natalie	INDEPENDENT	Glasgow North East	27.02.2017
McLaughlin, Anne	Scottish National Party	Mansfield	06.03.2017
Meale, Alan	Labour Party	Glasgow North West	27.02.2017
Monaghan, Carol	Scottish National Party	Gaithness Sutherland and Easter Ross	01.03.2017
Monaghan, Paul	Scottish National Party	East Dunbartonshire	02.03.2017
Nicolson, John	Scottish National Party	Argyll and Bute	22.02.2017
O'Hara, Brendan	Scottish National Party	South Down	24.02.2017
Ritchie, Margaret	Social Democratic and Labour Party	Gordon	01.03.2017
Salmond, Alex	Scottish National Party	Dwyfor Meirionnydd	06.03.2017
Saville Roberts, Liz	Plaid Cymru	Edinburgh East	23.02.2017
Sheppard, Tommy	Scottish National Party	Glasgow South West	23.02.2017
Stephens, Christopher	Scottish National Party	Glasgow Central	28.02.2017
Thewliss, Alison	Scottish National Party	Midlothian	
Thompson, Owen	Scottish National Party		

Frankfurter Rundschau

🏠 Frankfurt Rhein-Main Politik Wirtschaft Sport

Übersicht | Zuwanderung | IS-Terror | Ukraine | NSA-Skandal | NSU-Prozess | Me

Aktuell: **Wochenend-Magazin FR7** | **USA unter Donald Trump** | **Türkei** | **Flucht und Z**

KRIEGSFOLGEN

Wolken des Todes

by PETER RUTKOWSKI

February 17, 2017

At: <http://www.fr-online.de/politik/kriegsfolgen-wolken-des-todes,1472596,35169696.html>



Irakische Soldaten verladen improvisierte Raketen des IS. Was aus ihnen wohl wird? Foto: AFP

Mikroskopische Überreste von verschossener Munition vergiften Mensch und Land in Kriegsgebieten. Und wirken noch bis in den Mutterleib hinein.

jobs US edition ▾

theguardian

≡ browse all sections

Iraqi children pay high health cost of war-induced air pollution, study finds

Researchers identify exposure to toxic materials from explosion of munitions and burning of military waste by US army as cause of birth defects and cancers



Aug 22, 2016

به عبارت دیگر: گفت و گو با مژگان صوابی اصفهانی



Mar 16, 2016



Aug 22, 2016

WORLD

War Not Over: U.S. Occupation Is Still Poisoning Iraq's Children

Environmental toxicology report ties elevated levels of lead in children to bombings and ammunition.

By Sarah Lazare / AlterNet

August 22, 2016



126 COMMENTS

After years and countless lives lost, the U.S. government is **refusing** to fully acknowledge the health crisis its burn pits in Iraq have unleashed upon the U.S. service members exposed to airborne contaminants, even after the VA was **ordered** by Congress last year to establish a registry for those who





پس از دریافت جایزه زی
در سال ۲۰۱۵ میلادی
من تعلق گرفت دانشگاه
giene & Tropical
Medicine از من برای
آنجا معاون یکی از نمای
در جلسه سخنرانی حاد
همین حرف‌ها را با آقای
پارلمان در میان بگذار
صحبت‌های من، لایحه
پارلمان بسرد و توضیح
محقق است که تحق
ناشی از عملیات جنگی
فروانی وارد کرده است
جنگی در عراق که مسب
از این مناطق پاک شود
مسئولیت این کار را بیژ
اقدام کنند.

کار این لای
کجا کشید؟

این لایحه ۲ بار در مجا
شد و حداقل ۳۰ نمایند
حمایت کردند. بر این اس
ما هم این موضوع مطر
کنفرانس‌های بین‌الملل
و متخصصان صاحب‌نا
این فاجعه جهانی را
گوش جهانیان برسد.
بین‌المللی را ملزم به
زیر آلودگی جرایم
وجود دارد که کشورها
خسارت ناشی از آن
این مسئله تازه‌ای نی
دارد. نباید این مس
ملاحظات کرد.

هم‌اکنون چ
اکنون این هدف را دنبال



گفت‌وگوی همشهری با محقق ایرانی ساکن آمریکا درباره کانون‌های گرد و غبار مسموم در عراق

ریزگردهای جنگ زده

آلودگی‌های ناشی از جنگ ۷ ساله آمریکا در عراق همچنان در ایران قربانی می‌گیرد

این مسئله را تأیید می‌کند.
سرب چه تأثیری در سلامت کودکان
داری؟
به این مسئله توجهی ندارند. به نظر می‌رسد این
بی‌توجهی ناشی از بی‌اطلاعی آنها از عمق فاجعه
است. ارتش آمریکا هم این تحقیقات را مستند کرده



**محقق دانشگاه میشیگان: فاجعه انسانی
در شهرهای مرزی را جدی بگیرید**

#آرمانخواهی
#عقلانیت
#روشنگری

صُبح‌نو

روزنامه زمانه دانایی

www.sobhe-no.ir

Vol.01.No.148.Sat.Dec.24.2016

شنبه ۰۴ دی ۱۳۹۵
۲۴ ربیع‌الاول ۱۴۳۸
شماره ۱۲۸ • ۱۶ صفحه • ۱۰۰۰ تومان



انتقاد محقق ایرانی دانشگاه میشیگان
از بی‌توجهی دولتمردان

فاجعه انسانی در شهرهای مرزی را جدی بگیرید

Freedom of Information Act (FOIA) Request



UNITED STATES CENTRAL COMMAND
7115 SOUTH BOUNDARY BOULEVARD
MACDILL AIR FORCE BASE, FLORIDA 33621-5101

29 December 2015

Dr. Mozghan Savabieasfahani
P.O. Box 7015
Ann Arbor, Michigan 48107

Dear Dr. Savabieasfahani:

We received your Freedom of Information Act (FOIA) request on 7 December 2015 for the following items located at coalition bases in Iraq and Afghanistan: (1) the construction and use of waste incinerators. In particular, dates incinerators were constructed and the volumes such incinerators were designed to burn; (2) the volume and composition of solid waste produced from 2003 – 2011; (3) the volume of pesticides, herbicides, lubricants, heavy duty detergents, solvents, and degreasing agents that were used and/or stored; (4) the volume and types of combustion agents (i.e. gasoline, jet fuel, etc.), and oxidizing agents that were used and stored; (5) environmental hazards (including chemical spills, burn pits or trenches, hazardous waste storage areas, chemical weapons stockpiles, disused depleted uranium munitions and/or armor, and unexploded ordinance stockpiles); (6) live fire outdoor training ranges; (7) environmental remediation or cleanup of firing ranges; (8) numbers of civilians living near, within three miles, or the extent of civilian habitation near bases; and, (9) the extent of agricultural production.

While processing your request, we determined that the information you seek falls under U.S. Army Central (USARCENT) for processing and a direct response to you. The contact information for USARCENT is as follows:

USARCENT, DCS, G-6 (ACIM-PRF)
1 Gabreski Drive, Building 1947
Shaw AFB, SC 29152

Email: usarmy.shaw.usarcent.mbx.foiateam@mail.mil

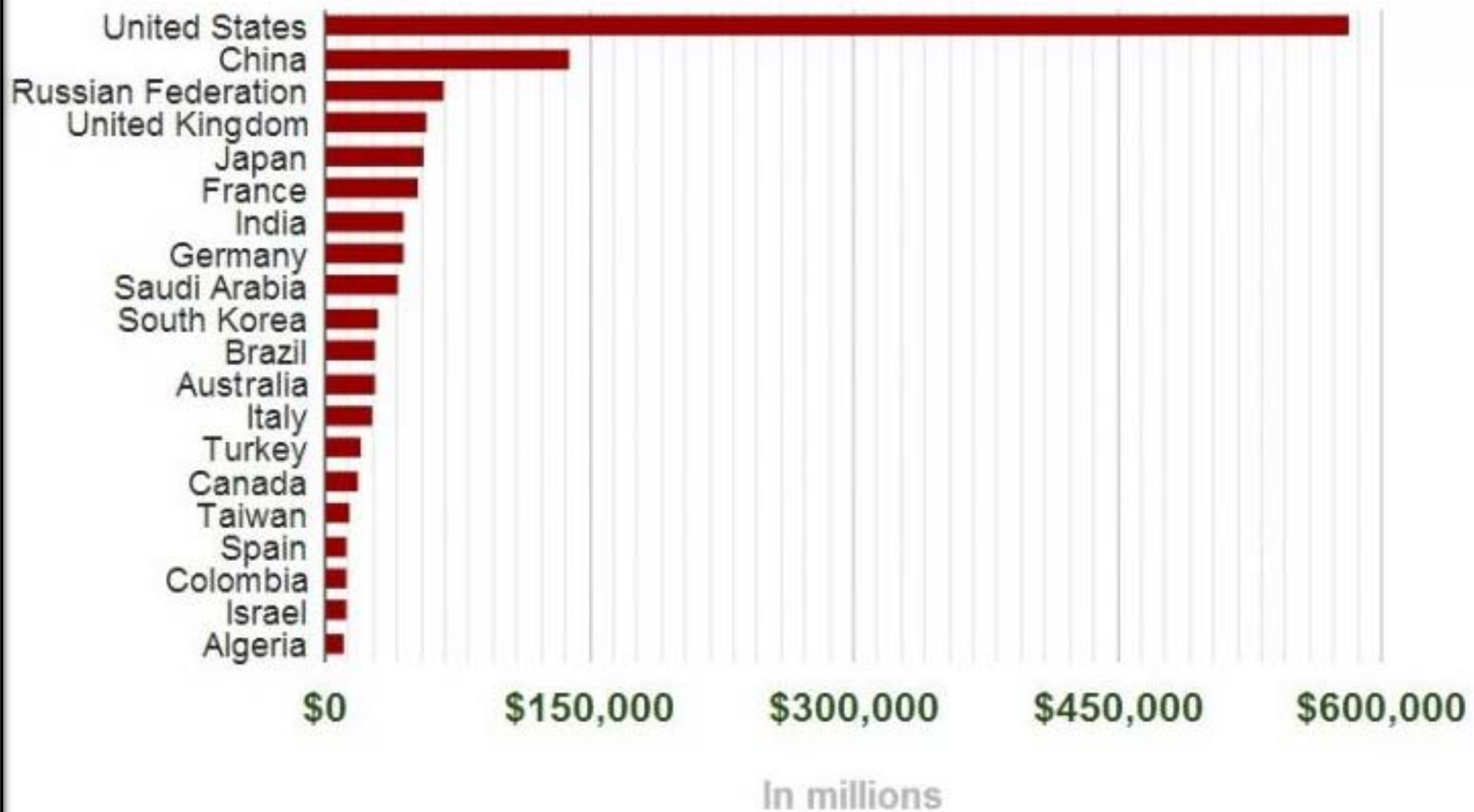
If you have any questions, please contact my FOIA Requester Service Center at (813) 529-6285, centcom.macdill.centcom-hq.mbx.freedom-of-information-act@mail.mil, and refer to U.S. Central Command case #16-0072.

Sincerely,

A handwritten signature in black ink, appearing to read "D. A. Gale", is positioned above the printed name.

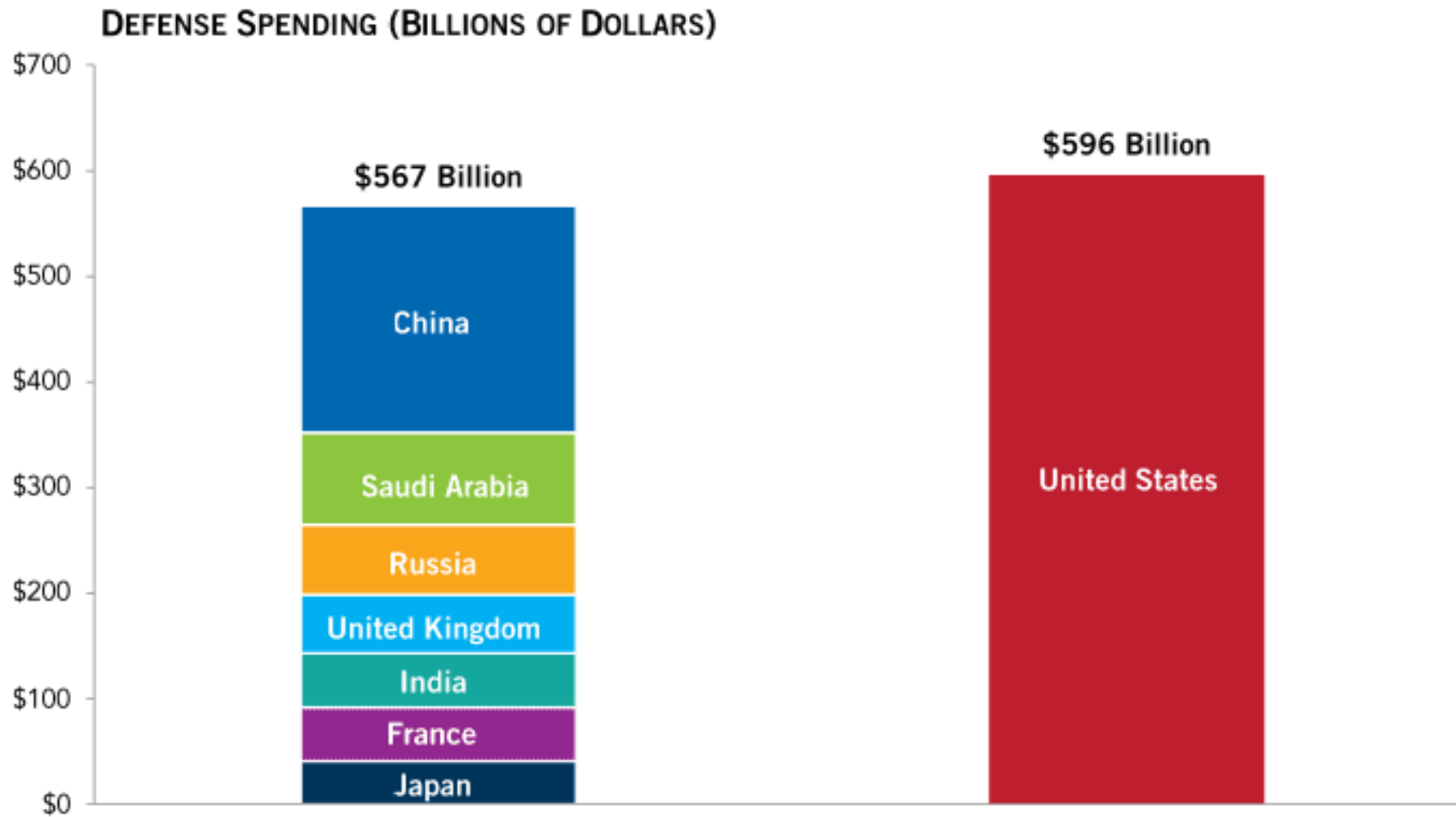
DAVID A. GALE
Lieutenant Colonel, U.S. Air Force
Chief, Command Records Branch

Top 20 Defense Budgets, 2013



SOURCE: IHS Jane's Aerospace, Defence & Security

The United States spends more on defense than the next seven countries combined



SOURCE: Stockholm International Peace Research Institute, *SIPRI Military Expenditure Database*, April 2016. Data are for 2015. Compiled by PGPF.
NOTE: Figures are in U.S. dollars, converted from local currencies using market exchange rates.



ISNA PHOTO
ALIREZA SOTAKBAR