



FEDERAL NEWS RADIO
1500 AM

1500AM WASHINGTON, DC
107.7FM HD-2

COMMUNITY COMMITMENT REPORT
1ST QUARTER 2015
DECEMBER 29TH • MARCH 28TH

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NEWSROOM ADMINISTRATOR

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WEEKLY PROGRAMS

WFED Federal News Radio 1500 AM provides comprehensive coverage of the Federal Government. WFED covers the business of government: management, procurement, technology, security, policy, pay and benefits. In addition to daily coverage of the operations of the Federal Government, WFED features the following programs:

WOMEN OF WASHINGTON

Women of Washington features interviews with Washington D.C.'s ambitious and influential female executives; role models for the next generation Washington leader. Every Wednesday at 9 a.m., hosts [Aileen Black](#) and [Gigi Schumm](#) interview the most accomplished women in Washington, who share their life lessons and secrets to success. Contact Aileen and Gigi via email at gigi@accelgovstrat.com and aileen@accelgovstrat.com.

AMTOWER OFF-CENTER

Hosted by nationally-known speaker and consultant Mark Amtower, Off-Center highlights the good, the bad, the ugly and the just plain silly of doing business in the government market. Every Monday at 3 p.m., experts join Mark for a lively discussion of current issues facing the government contractor community.

YOUR TURN WITH MIKE CAUSEY

Senior Correspondent Mike Causey takes calls and emails live for an hour Wednesdays at 10 a.m. on Federal News Radio. Mike discusses everything from pay, benefits and retirement, to buyouts, COLAs and pay freezes. Questions can be sent to mcausey@FederalNewRadio.com or by calling during the show: 202-465-3080.

FEDERAL TECH TALK

Federal Tech Talk looks at the world of high technology in the federal government. Host John Gilroy of [Lectromec](#) speaks the language of federal CISOs, CIOs and CTOs, and gets into the specifics for government IT systems integrators. Every Tuesday at 9 a.m., John covers the latest government initiatives and the latest technology news for the federal IT manager and government contractor. Follow John on Twitter [@raygilray](#).

OFF THE SHELF

Hosted by Roger Waldron of the Coalition for Government Procurement, Off the Shelf interviews federal contracting experts from both inside and outside of government on the issues that matter most. Off the Shelf airs Tuesdays at 10 a.m.

ON DoD

The one-hour show focuses on the programs and policies that affect the Defense Department. Each week, defense reporter Jared Serbu speaks one-on-one and in depth with the people responsible for managing the inner workings of the federal government's largest department, and those who know it best. On DoD airs Wednesdays, 3 p.m.

PENTAGON SOLUTIONS

Hosted by Francis Rose Wednesdays at 4 p.m., Pentagon Solutions is a deep-dive conversation series that calls on defense experts both inside and outside of DoD to share ideas to solve the big challenges the defense community faces.

ASK THE CIO

The Chief Information Officer is responsible for information technology policies and strategies that govern how individual Federal Government networks are managed. Every Thursday at 9 a.m., host Jason Miller interviews federal agency CIOs about the latest directives, IT challenges and successes.

INDUSTRY CHATTER

The relationship between agencies and contractors can be complicated. Host Francis Rose talks with large and small vendors about trends they're seeing and the policy and regulations they're paying attention to. Industry Chatter airs Thursdays at 4 p.m.

FED ACCESS

From how to win government jobs and contracts, to effectively managing your government career, learning about interesting federal agencies, workers and jobs, and best utilizing government services, host Derrick Dortch explores the world of the federal government and provides you the access needed to succeed. Fed Access can be heard Fridays at noon.

FEDERAL NEWS COUNTDOWN

Hosted by Francis Rose, each week experts in the federal community discuss the three news stories they think are most important in the world of government. Federal News Countdown airs Fridays, 4 p.m.

THIS JUST IN

Hosted by CBS Anchor and Reporter Sam Litzinger, This Just In brings you the story of news and the people behind the headlines. This Just In is presented by The GW Global Media Institute in association with The Newseum and the National Press Club and airs Saturdays at 2 p.m.

MUSIC AND THE SPOKEN WORD

"From the crossroads of the West, we welcome you to a program of inspirational music and spoken word." Those words, from more than eight decades ago, still open the program. Today, Music and the Spoken Word has become the world's longest-running continuous network broadcast and is carried on more than 2,000 radio and television stations and cable systems. It has been broadcast from locations across the country and around the world and can be heard Sundays at 7 a.m.

CBS WEEKEND ROUNDUP

CBS News national correspondent Dan Raviv presents a compilation of interviews with CBS News radio and TV correspondents and various newsmakers, reports through the week that have aired both on CBS-TV and CBS Radio, and commentary from actor and TV personality Charles Grodin. CBS Weekend Roundup airs at 5 p.m. Sundays.

MEET THE PRESS, Sundays, 8p.m

For almost as long as there has been television, there's been "Meet the Press." The hour long public affairs program features interviews with U.S. and world leaders, and reviews, analyzes and discusses the news of the week -- all while looking toward the week ahead. Hosted by NBC's Chuck Todd, Meet The Press airs Sundays at 8 p.m.

VOA'S SCIENCE WORLD

Hosted by Rick Pantaleo, VOA's Science World's informative, entertaining and easy-to-understand presentation offers the latest news, features and one-on-one interviews with researchers, scientists, innovators and other newsmakers. VOA's Science World airs Sundays at 4 p.m.

MOTLEY FOOL MONEY

A team of Motley Fool analysts discuss the week's top business and investing stories, interviews, and take an inside look at the stocks on their radar. Hosted by Chris Hill, Motley Fool Money airs Sundays at 9 p.m.

OF CONSUMING INTEREST

Of Consuming Interest focuses on consumer issues, offering tips on everything from selecting health care programs to avoiding telemarketing scams. Shirley Rooker, Call For Action's Director, is the host and Of Consuming Interest airs Sundays at 10 p.m.

PUBLIC SERVICE CAMPAIGNS

Federal News Radio, in addition to its public affairs programming, broadcasts the following public service campaigns throughout the year.

- 🎧 Ad Council Bullying
- 🎧 AFCEA Bethesda
- 🎧 AFCEA NOVA
- 🎧 BGCGW (Boys & Girls Club of Greater Washington)
- 🎧 Compass Rose Charities
- 🎧 Department of Homeland Security
- 🎧 DVDs 4 Vets
- 🎧 GI Film Festival
- 🎧 Gotcha
- 🎧 HHS Healthbeat
- 🎧 Honor Flight Network (Compass Rose Charities)
- 🎧 JCRC (Jewish Community Relations Council)
- 🎧 Jubilee Association of Maryland
- 🎧 Komen Race for the Cure
- 🎧 Luke's Wings
- 🎧 Leukemia & Lymphoma Society
- 🎧 March for Babies
- 🎧 National Academy of Engineering
- 🎧 National Memorial Day Parade (American Veterans Center)
- 🎧 National Parkinson Foundation
- 🎧 Navy League
- 🎧 Profile America
- 🎧 West Point Society

ASCERTAINMENT

As part of our continuing effort to serve our listeners, WFED Federal News Radio talked with various governmental and community leaders about the issues facing our area. The Top Three concerns were: Employee Pay & Benefits, Executive Branch Management and Budget Cuts.

The Top Issues were:

1. Performance Metrics
2. IG Reporting
3. Construction
4. Cyber Security
5. Defense Building
6. Personnel Issues
7. Accountability

COMMUNITY OUTREACH AND SPECIAL PROGRAMMING

COMMUNITY OUTREACH

FEBRUARY

25th WVAU –American University Radio Student Tour

MARCH

13th – 31st Media Feeding Frenzy (for SOME)

SPECIAL PROGRAMMING

- 🎧 February 2015 ♦ **Fixing the Senior Executive Service**
Federal News Radio's four-part special report, Fixing the SES, digs deep within the Senior Executive Service to examine the real problems facing the group from those who know it best - the people who live it every day. View the results of our exclusive survey, which forms the core of our report, and hear the candid responses from SES members about the challenges they face and whether there are any real solutions to those issues.
- 🎧 March 3rd ♦ 6-10 a.m. Federal Drive with Tom Temin live broadcast from the Acquisition and Excellence Conference
- 🎧 March 2015 – ACT-IAC Conference

PARTNERSHIPS & CHARITY

- 🎧 AFCEA (Armed Forces Communications and Electronics Association CyberSecureGov)
- 🎧 FEEA (Federal Employee Education and Assistance Fund)
- 🎧 GIFF (GI Film Festival)
- 🎧 GovEvents
- 🎧 Komen D.C. Race for the Cure
- 🎧 March for Babies
- 🎧 National MS Society (Charity of the Month)
- 🎧 Susan G. Komen Foundation

WFED RADIO EMPLOYEES DONATED TIME TO THE FOLLOWING CHARITIES AND ORGANIZATIONS:

- 🎧 Catholic Charities
- 🎧 Mason Crest Elementary School
- 🎧 Miriam's Kitchen
- 🎧 Temple Beth Ami

PUBLIC AFFAIRS PROGRAMMING

ASK THE CIO (CHIEF INFORMATION OFFICER)

🎧 Intel community's MUG tackling enterprise IT adoption

Al Tarasiuk, the intelligence community's chief information officer, said the Intelligence Community IT Enterprise (ICITE) program is less about technology and more about getting widespread buy-in from the analysts and collectors.

Thursday, March 26th ♦ 24:00 minutes

🎧 Cyber center advances Energy's understanding of, defense against threats

Rod Turk, the Energy Department's associate chief information officer for cybersecurity and chief information security officer, said the Joint Cyber Coordination Center is moving into the advanced capabilities phase after building the information sharing foundation over the last year.

Thursday, March 19th ♦ 24:00 minutes

🎧 CIO Council to try to deepen the pool of IT workers

A new survey from the Chief Information Officers and Chief Human Capital Officers councils shows most agencies are finding the pool of job candidates to choose from is too shallow. Darren Ash and Richard McKinney, the co-chairmen of the CIO Council's Workforce Committee, said 75 percent of agency IT managers and human resource executives responding to the survey said they couldn't recruit the necessary talent to do mission critical work.

Thursday, March 12th ♦ 24:00 minutes

🎧 NARA's new IT governance structure merges strange bedfellows

Swarnali Haldar, the chief information officer for NARA, said her goal is to simplify how and who makes the decisions around IT programs

Thursday, March 5th ♦ 24:00 minutes

🎧 Online Chat: Joe Klimavicz, CIO, Justice Department

Joe Klimavicz, the Justice Department's chief information officer, joins Federal News Radio for a free online chat to discuss his IT priorities around shared services, data center consolidation, hiring, and improving and standardizing IT portfolio management.

Thursday, March 4th ♦ 24:00 minutes

🎧 Justice applying lessons learned in kindergarten to IT

Joe Klimavicz, the Justice Department's chief information officer, said shared services needs to be part of the culture of the organization. His office launched version 1 of the IT shared services catalog late last year.

Thursday, February 26th ♦ 24:00 minutes

- 🎧 **Agencies neglecting cybersecurity in strategic plans, research finds**
New research shows departments do not incorporate cybersecurity efforts into their goals and objectives, said Kevin Desouza, the associate dean for research at the college of public programs at Arizona State University and a non-resident senior fellow of Governance Studies at the Brookings Institution.
Thursday, February 19th ♦ 24:00 minutes

- 🎧 **Navy brings IT, business, innovation under one roof**
The Department of the Navy is taking a more corporate approach to meeting the ever-changing mission needs with technology, said Maura Sullivan, the Department of Navy's chief of strategy and innovation.
Thursday, February 12th ♦ 24:00 minutes

- 🎧 **Commerce's IT modernization is all about shared services**
Steve Cooper, the Commerce Department's CIO, said the agency is looking to move four back-office functions to a private sector provider over the next two years
Thursday, February 2nd ♦ 24:00 minutes

- 🎧 **Commerce's ITA getting out of IT business**
Joe Paiva, the International Trade Administration's CIO, said he wants to outsource the agency's network, device management and printing to the private sector.
Thursday, January 29th ♦ 24:00 minutes

- 🎧 **DISA's 'one belly button' approach to IT services**
The Defense Information Services Agency has reorganized its services to be more customer focus and have accountability over what technology they provide.
Thursday, January 22nd ♦ 24:00 minutes

- 🎧 **USCIS eyes more collaboration, competition in move to agile development**
Mark Schwartz, the Citizenship and Immigration Services chief information officer, said the Flexible Agile Development Services (FADS) requires four vendors to coordinate software development and keep the government's best interest in mind.
Thursday, January 15th ♦ 24:00 minutes

- 🎧 **Air Force evolves its cybersecurity as JIE comes into focus**
Air Force CIO Lt. Gen. Bill Bender said the service is baking in role-based authentication capabilities as part of its move to the MilCloud. He said the Joint Regional Security Stacks (JRSS) will help the Air Force move out of its AFNet architecture.
Thursday, January 6th ♦ 24:00 minutes

- 🎧 **NGA's belief in open source, crowdsourcing heating up**
The National Geospatial Intelligence Agency turned to GitHub, an open source platform, for help in developing mission apps. NGA earlier this week placed its first open source developed app on iTunes.
Thursday, January 1st ♦ 24:00 minutes

YOUR TURN WITH MIKE CAUSEY

Answers to your retirement questions

David Snell, NARFE's director of retirement services, will answer your retirement questions, and Federal Times Senior Writer Andy Medici will give us an update on the latest news on Capitol Hill.

Wednesday, March 25, 2015 ♦ 54:00 minutes

The mysteries of estate planning

Host Mike Causey is joined by estate planner Tom O'Rourke who will discuss what you need to do to make sure your estate is in order.

Wednesday, March 18, 2015 ♦ 54:00 minutes

TSP: Should you take a risk or play it safe?

Host Mike Causey and financial planner Arthur Stein will discuss different investment strategies for the Thrift Savings Plan, and what you can do to make sure you have enough saved for retirement.

Wednesday, March 11, 2015 ♦ 54:00 minutes

Walking through the federal minefield

Jennifer Mattingley, director of government affairs with Shaw Bransford and Roth, will discuss the federal pay raise, changes to the retirees cost of living program and other issues affected feds, and Federal Times Senior Writer Andy Medici will talk about phased retirement and possible changes in defense per diem rates.

Wednesday, March 4, 2015 ♦ 54:00 minutes

Pension tax, federal pay raise, and more

Greg Stanford and Katie Maddocks with the Federal Managers Association join host Mike Causey to discuss a proposed pay raise for feds, and Andy Medici with the Federal Times gives us an update on pending legislation in Congress that will affect federal workers.

Wednesday, February 25, 2015 ♦ 54:00 minutes

The mysteries of estate planning

Host Mike Causey is joined by estate planner Tom O'Rourke who will discuss what you need to do to make sure your estate is in order.

Wednesday, February 18, 2015 ♦ 54:00 minutes

The politics of feds

Janet Kopenhaver, Washington representative for the group Federally Employed Women, joins host Mike Causey to discuss the political leanings of federal workers.

Wednesday, February 11th ♦ 54:00 minutes

- Answers to your questions about survival benefits**
David Snell, retirement director of the federal benefits service department at NARFE, will answer your calls and emails about the federal survivor benefits package.
Wednesday, February 4, 2015 ♦ 40:30 minutes
- Phased retirement: Is it coming to your agency?**
Julie Perkins, partner at Shaw Bransford and Roth will answer your questions about phased retirement, and Federal Times Senior Writer Andy Medici will give us an update on a new round of legislation that affects federal workers.
Wednesday, January 28, 2015 ♦ 40:30 minutes
- Fearless forecast**
NARFE Legislative Director Jessica Klement and Federal Times Senior Writer Andy Medici will predict what's ahead for federal workers and retirees in 2015.
Wednesday, January 21, 2015 ♦ 40:30 minutes
- Which TSP fund is the best option for you?**
Financial planner Arthur Stein joins host Mike Causey to answer your questions about which TSP fund to invest in.
Wednesday, January 14, 2015 ♦ 40:30 minutes
- The incredible shrinking IRS**
Colleen Kelley, president of the National Treasury Employees Union joins host Mike Causey to talk about proposed cuts at the Internal Revenue Service, and their impact on the agency.
Wednesday, January 7, 2015 ♦ 40:30 minutes
- Reaction to President Obama's meeting with the SES**
Carol Bonosaro, president of the Senior Executives Association, will give her thoughts on President Barack Obama's speech to members of the Senior Executives Service.
Wednesday, December 31, 2014 ♦ 54:00 minutes

ON DoD

- Navy launches 'Innovation Cell' to speed IT acquisition**
Navy officials plan an industry day to formally launch a new framework for IT procurement, designed to work within the existing acquisition system to much more rapidly insert commercial technologies into Navy networks.
Wednesday, March 25th ♦ 40:30 minutes

- 🎧 **Pentagon's Ginman reflects on four decades in Defense procurement**
Richard Ginman, the director of Defense Procurement and Acquisition Policy, left government late last month. In an interview with Federal News Radio's *On DoD* a few days before his retirement, he reflected on what's changed during his 42-year career, and what hasn't.
Wednesday, March 11th ♦ 40:30 minutes
- 🎧 **DoD must pay for quality, not quantity, to tackle rising health costs**
An independent report cites a "fee-for-service" model as a main driver in DoD's rising medical costs, and urges the department to value outcomes over volume in upcoming TRICARE procurement.
Wednesday, February 25th ♦ 40:30 minutes
- 🎧 **On DoD: Air Force modernizes its bases through utility privatization**
Air Force works to manage on-base utility costs through advanced metering initiative and privatization of aging infrastructure.
Wednesday, February 18th ♦ 40:30 minutes
- 🎧 **Next step for DoD cybersecurity: Ditch passwords once and for all**
The Pentagon led the way for the rest of the government by implementing two-factor authentication across many of its systems. But plenty of important IT infrastructure still relies on a "reckless" system that depends on passwords alone for authentication.
Wednesday, January 28th ♦ 40:30 minutes

INDUSTRY CHATTER

- 🎧 **Bob Stevens, Vice President, Lookout Mobile Security**
The number one destination for data stolen off wireless networks isn't China or Russia. It's actually the United States, according to research from Lookout Mobile Security. But they say that makes sense because of how mobile threats travel across a network. Bob Stevens is a vice president of Lookout Mobile Security and leader of their federal division. On In Depth with Francis Rose, he detailed the latest mobile security trends that can keep your agency ahead of the curve.
Thursday, January 22nd ♦ 30:00 minutes

FEDERAL NEWS COUNTDOWN

- 🎧 **Dark cloud over Sunshine Week, GOP's budget divisions**
Rob Burton, procurement attorney at Venable, and Mark Forman, vice president for IT services at TASC, count down the week's top federal stories with Francis Rose.
Friday, March 20th ♦ 40:30 minutes

 **Diverse job seekers, innovative ideas**

Jon Desenberg, director of policy at the Performance Institute, and John Salamone, vice president of FMP Consulting, count down the week's top federal stories with Francis Rose. Friday, March 13th ♦ 40:30 minutes

 **Shutdown averted, Sequestration looms**

Bob Tobias, director of business development in the Key Executive Leadership Programs at American University, counts down the week's top federal stories with Francis Rose. Friday, March 6th ♦ 40:30 minutes

 **DHS vote, Net neutrality**

Anil Karmel, CEO at C2 Labs and former deputy chief technology officer at the National Nuclear Security Administration, and David Olive, principal at Catalyst Partners, counts down the week's top federal stories with Francis Rose. Friday, February 27th ♦ 40:30 minutes

 **Obama budget, 'Wild West' Internet**

Jim Carafano, director of the Kathryn and Shelby Cullom Davis Institute for International Studies at the Heritage Foundation, and Ron Sanders, vice president and fellow at Booz Allen Hamilton, count down the week's top federal headlines with Francis Rose. Friday, February 20th ♦ 40:30 minutes

 **Federal News Countdown: VA bonuses, DHS shutdown**

Jessica Klement, Legislative Director of NARFE, and Debra Roth, a partner at Shaw Bransford & Roth, count down the week's top federal stories with Francis Rose. Friday, February 13th ♦ 40:30 minutes

 **IT spending, federal pay raise**

Trey Hodgkins, senior vice president for Public Sector at the Information Technology Alliance for Public Sector at the Information Technology Industry Council, and Rafael Borrás, senior adviser at A.T. Kearney, count down the week's top stories with Francis Rose. Friday, February 6th ♦ 40:30 minutes

 **Pentagon spending boost, Buying nuclear subs**

Nora Bensahel of American University and Bryan Clark of the Center for Strategic and Budgetary Assessments count down the week's top federal stories with Francis Rose. Friday, January 30th ♦ 40:30 minutes

 **HealthCare.gov sends out personal data, Policing online terrorism**

Karen Evans, executive director of the U.S. Cyber Challenge, and Dale Meyerrose, president of the Meyerrose Group, counted down the week's top federal stories with Francis Rose. Friday, January 23rd ♦ 40:30 minutes

 **Cybersecurity, Secret Service shakeup**

Mike Hettinger, former senior vice president for public sector at TechAmerica, and Martha Johnson, former GSA administrator, count down the week's top federal stories with Francis Rose.

Friday, January 16th • 40:30 minutes

 **FEHBP reform, IT budget authority**

John Palguta, vice president of the Partnership for Public Service, and Tim Young, principal for Private Sector at Deloitte, counted down the week's top federal stories with Francis Rose.

Friday, January 9th

THIS JUST IN

 **And That's the Way It Was**

He was born in the age of radio but came of age in the golden years of television and witnessed decades of history first hand as a producer and director with CBS News. From McCarthyism to Watergate, a conversation with legendary CBS director Robert Vitarelli.

March 28th • 53:00 min

 **#And That's the Way It Was**

He was born in the age of radio but came of age in the golden years of television and witnessed decades of history first hand as a producer and director with CBS News. From McCarthyism to Watergate, a conversation with legendary CBS director Robert Vitarelli.

March 21st • 53:00 min

 **The Fight to Write: Women in Journalism**

Two centuries of American news women and their struggles for equality. Maurine Beasley, journalism historian and educator at the University of Maryland and Lynn Povich, leader in historic 1970 lawsuit against Newsweek Magazine

March 8th • 53:00 min

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February 29th • 53:00 min

 **Pete Seeger at the National Press Club**

When Pete Seeger died in early 2014, we lost an iconic folk singer, a civil rights activist, an anti-war activist, an environmentalist and a keen observer of the political scene. Barbara Porter looks back on a landmark appearance by a legendary troubadour.

February 22nd • 53:00 min

 **Satchmo at the National Press Club: The Lost Louis Armstrong Session.**
On January 29, 1971 the late, great Louis Armstrong wowed a crowd of dignitaries and journalists in what would be one of his final performances of his life at the National Press Club's Presidential Inauguration in Washington, D.C. A crew from CBS News captured Armstrong's memorable 30-minute set that night in a recording that until recently, was believed to have vanished. Listen in as journalists and jazz artists alike remember Satchmo and his signature sound.
February 15th • 53:00 min

 **Echoes of Vietnam**
It is the 800 pound gorilla that sits in the Oval Office, the dark ghost that walks the halls of the White House; the haunting legacy of the Vietnam War. From the National Press Club in Washington, D.C. Ted Koppel sits down with father-daughter duo Marvin and Deborah Kalb to discuss the findings in their latest book "Haunting Legacy: Vietnam and the American Presidency from Ford to Obama."
February 6th • 53:00 min

 **An American Perspective**
As anchor of the NBC Nightly News for 22 years, Tom Brokaw was often voted one of the most trusted people in America. Since leaving the anchor chair, Mr. Brokaw has dedicated himself to chronicling the American story, emerging from "a career capturing history on the fly to one taking a longer view." He discusses his trust in America and the fragile transitions we face in his new book, *The Time of Our Lives* during a conversation with National Press Club President Mark Hamrick.
January 24th • 53:00 min

MUSIC AND THE SPOKEN WORD

 **#4455**
March 22nd • 7:00 a.m. • 28:00 min

 **#4454**
March 15th • 7:00 a.m. • 28:00 min

 **#4452**
March 8th • 7:00 a.m. • 28:00 min

 **#4451**
March 1st • 7:00 a.m. • 28:00 min

 **#4444**
February 22nd • 7:00 a.m. • 28:00 min

🎧 #4443
February 15th • 7:00 a.m. • 28:00 min

🎧 #4441
February 8th • 7:00 a.m. • 28:00 min

🎧 #4441
February 1st • 7:00 a.m. • 28:00 min

🎧 #4440
January 25th • 7:00 a.m. • 28:00 min

🎧 #4440
January 18th • 7:00 a.m. • 28:00 min

🎧 #4439
January 11th • 7:00 a.m. • 28:00 min

🎧 #4437
January 4th • 7:00 a.m. • 28:00 min

VOA'S SCIENCE WORLD

🎧 Light Bulbs That Don't Attract Disease Carrying Insects

Artificial lighting often can act as virtual light magnets attracting a variety of disease carrying insects that can threaten human health. We'll talk with the leader of a team of researchers who have found that light bulbs can be customized so that they won't attract these potentially dangerous insects. And... Science World's Bob Doughty tells us that technicians and engineers working on the world's largest and most powerful atom smasher ran into a bit of a snag this past week that could delay its restart after a two year hiatus. Jessica Berman reports on a new study that finds the parasite that causes malaria also produces an odor which attracts mosquitoes, inviting more bites and infections. A new observatory that could help scientists learn more about black holes and supernovas was formally inaugurated and put into full operation recently. Philip Alexiou will have the story. Over 40 years ago, U.S. astronaut Eugene Cernan became the last human being to stand on the surface of the moon. Now the subject of a new documentary, "The last Man on the Moon, Cernan tells Greg Flakus that the U.S. should have a more vigorous space program. Reporting from Nairobi, Hilary Heuler tells us about the recent discovery of a variety of heat-resistant beans, something that could be quite important in the face of climate change. George Putic tells us that a group of European doctors has come up with a new therapy that could soon help millions of former TB patients who continue to have difficulty breathing.
Saturday, March 28th ♦ 54:00 minutes

The 'Internet of Things'

Something that's been creating a lot of buzz within the tech industry is the "Internet of Things", such as Wi-Fi enabled thermostats as well as washers and dryers. A professor of computer science at Pittsburgh's Carnegie Mellon University tells us about this computing concept and how its ongoing development could make life easier for us all. Another professor from Carnegie Mellon talks about what many internet historians consider to be the very first internet appliance. A Coca Cola vending machine was turned into a smart machine back in the early 1980's by thirsty computer science grad students at the university. And... Earlier this week the sun sent a blast of highly charged electrical particles toward Earth. The geomagnetic storm it produced lit up the skies with a spectacular display of what's called the Aurora Borealis or northern lights. Bob Doughty will tell us all about it. George Putic reports on a new way of detecting flaws in large metal structures such as bridges and airplanes, finding the breaking points before they can cause catastrophic collapse. A Croatian computer whiz has created an application that helps school children with their math homework. Zlatica Hoke tells us that the free "app" has had millions of downloads since it was launched late last year. A Polish bio-tech company has developed a robot that can help physical therapists provide more effective workouts for their patients. Science World's Doug Bernard has this story by Marveline Dandin. The World Health Organization, in a new report, says non-smoking is becoming the new norm worldwide. But it warns legal battles are slowing efforts to reduce the use of tobacco products. Joe De Capua reports.

Saturday, March 21st ♦ 54:00 minutes

Study of Earth's Ionosphere Could Improve GPS Communications

Researchers from NASA's Jet Propulsion Laboratory along with Canada's University of New Brunswick are conducting a joint research project to look for and study interference producing irregularities in the Earth's ionosphere that can affect the Global Positioning System. Dr. Richard Langley from the University of New Brunswick, Canada is a member of the research team. He'll tell us about what he and his colleagues hope to learn from this project. Also... Greg Flakus reports on a cyber-security conference that was recently held in Houston, Texas. Attendees discussed what's being done to counter threats from cyber intrusions. Jessica Berman tells us that researchers are hoping that a drug now used to treat seizures can improve memory in the early stages of Alzheimer's, even reversing the condition. Apple unveiled its new Apple Watch this past Monday. Science World's Doug Bernard tells us about this new wrist-worn device. On Thursday, NASA launched a rocket containing four unmanned spacecraft that were designed to study the magnetic relationship between the Earth and the sun. Science World's Philip Alexiou tells us that the Solar Impulse 2, an airplane that uses only the power of the sun, began its planned trip around the world this week. George Putic tells us about his visit to a Washington DC area company that produces technological products with graphene, which because of its special properties has been called 'the Material of the 21st Century'. Flying across time zones can throw off your biological clock, sometimes for days. Rosanne Skirble tells us about a new study that allows scientists to follow the mechanics of jet lag in real time.

Saturday, March 14th ♦ 54:00 minutes

🎧 Small Star Passed Through the Edge of Our Solar System 70,000 Years Ago

An international group of astronomers found that a dim star known as a red dwarf skimmed through the outskirts of our solar system, coming within 8 trillion kilometers of Earth some 70,000 years ago. A member of this group is Dr. Eric Mamajek, from the University of Rochester. He talks about this amazing discovery on today's One on One segment. And... NASA's Dawn spacecraft was captured by the gravitational pull of the dwarf planet Ceres at 1239 UTC Friday, March 6th. George Putic tells us about what NASA is expecting from the mission. Forecasting the weather, it's said, is more an art than a science. Reporting from Colorado Shelly Schelender will tell us about an observation system that is working to improve weather science, through volunteers who share their data through the Internet. Reporting from Manila, Simone Orendain reports that scientists in the Philippines are at work on a strain of rice that could solve one of the world's major health challenges: vitamin A deficiency. Bill Ide, reporting from Beijing tells us that China has pledged to get tough on polluters and tighten enforcement in a bid to clean up its environment, an issue that is one of the Chinese public's biggest concerns.

Saturday, March 7th ♦ 54:00 minutes

🎧 Futuristic Atherosclerosis Treatment

Researchers at Columbia and Harvard Universities are working on a unique new way to treat atherosclerosis, a hardening of the arteries that can lead to heart attack or stroke. We'll talk with one of the leaders of the research team to learn more about this new treatment method. Also...Rosanne Skirble tells us that scientists from Northern Illinois University, back from a three month expedition to Antarctica, are reviewing their data to look for clues that could explain why the ice there is melting so quickly and how it impacts sea level. A lot of scrap metal winds up in landfills instead of being recovered and recycled. George Putic tells us about a newly developed solution that may ensure more metal is recycled and kept out of landfills. Bob Doughty reports researchers have found the sea level in New York, and other points along the US east coast, has spiked over a two year period. Leonard Nimoy, who's known by millions for his memorable portrayal of Star Trek's science officer Mr. Spock, died 2/27/15 at his Los Angeles home at age 83. Joe De Capua tells us about a new licensing agreement with the pharmaceutical company MERCK allows for the manufacture of a generic version of a pediatric AIDS drug. George Putic returns to report on a new backpack-mounted device that will allow architects, engineers and building managers to quickly collect data about building interiors.

Saturday, February 28th ♦ 54:00 minutes

🎧 Did Dark Matter Cause Earth's Geological Upheavals and Mass Extinctions?

We talk with a New York University researcher who recently found evidence that dark matter accumulated during our solar system's journey through the Milky Way may be responsible for cataclysmic geological and biological events that have taken place over the course of Earth's history. And... Steve Baragona tells us that the US State Department is planning to install air quality monitors at diplomatic posts to keep track of air pollution. We'll hear about a new exhibition at Washington's Smithsonian National Museum of American History that features early recorded sounds made by Alexander Graham Bell that date back to the 1880's. Lisa Schlein tells us that the World Health Organization is calling for increased investment to tackle 17 neglected tropical diseases that affect more than 1.5 billion people worldwide. Jessica Berman reports that a saliva test may someday be used to help diagnose children with autism. Scuba divers have discovered the largest trove of gold coins ever found off Israel's Mediterranean coast. Bob Doughty tells us that the country's antiquities authority says the coins are more than 1,000 years old. Among the nominees for this year's Academy Awards is, *White Earth*, a documentary film about the impact of the oil boom on the people of a North Dakota community as seen through the eyes of children. Rosanne Skirble has a report. Saturday, February 21st ♦ 54:00 minutes

🎧 Mini-Probes to Investigate Jupiter's Atmosphere

We'll learn about a proposed mission to deploy a swarm of mini-cube satellites to study Jupiter's atmosphere. The scientists behind the plan believe that they'll receive more thorough and diverse data with a bunch of tiny probes versus one larger spacecraft. And... NOAA's newest space weather satellite *Discover* -- the Deep Space Climate Observatory was sent into space this week from Cape Canaveral, Florida. The White House announced the creation of a new federal agency to analyze threats to the nation's cybersecurity and coordinate strategy to combat them. We'll hear about a newly developed smart insulin that automatically regulates the amount of blood sugar in patients with Type 1 Diabetes. Showering typically sends water down the drain. We'll hear about a new space-age shower could change that. Researchers are teaching pet dogs to recognize the difference between humans with happy or angry facial expressions. We'll have these stories and more on today's edition of VOA's Science, Health and Technology magazine. Saturday, February 14th ♦ 54:00 minutes

🎧 Mysterious "Yellowballs" Help Astronomers to Better Understanding of Star Formation

We'll hear how a question posed by a curious citizen scientist participating in an online astronomy project led professional astronomers to a better understanding of how massive stars are formed. And... From building cars to performing surgery, robots do a lot for us... Rosanne Skirble reports that scientists are now planning to use robots to help them perform research. The World Health Organization says that the number of new Ebola cases in the three West African countries most impacted by the recent epidemic have gone up for the first time this year. US Federal Communication Commission Chairman calls for the government to regulate the Internet like a public utility to keep it "fast, fair and open." We'll hear about a special camera that offers glimpses into the world of seemingly invisible movements. A measles outbreak in California has now spread to 14 U.S. states and is growing. Researchers from the University of Birmingham in the UK plan to send a colony of the tiny crustaceans into Earth orbit. Groundhog weather forecaster, Punxsutawney Phil, says no early spring for North America.

Saturday, February 7th ♦ 54:00 minutes

🎧 Huge Ring System Surrounds Newly Discovered Exoplanet

A pair of astronomers recently announced that they have discovered a celestial body outside of our solar system that they refer to as a "Super Saturn". That's because the object is surrounded by a ring system that's 200 times as large as those that circle Saturn. Dr. Eric Mamajek from the University of Rochester is one of the astronomers who made the discovery. He tells us about this new found "Super Saturn". And... Elizabeth Lee will tell us about an unusual organism that breathes rocks. Carol Pearson reports that doctors may soon have a more reliable way to diagnose prostate cancer. British scientists are close to creating a smartphone application that send taste, smell and even a basic touch in addition to visuals and audio. There was another security breach at the White House when a small remote-controlled quad copter crashed on the lawn. Experts say there is no reliable way to protect against these now widely available devices.

Saturday, January 31st ♦ 54:00 minutes

🎧 Ancient Toolmaking Boosted Human Evolution

We'll learn how our ancient ancestors boosted human evolution by creating the world's first tools several million years ago. Elizabeth Lee will update us from NASA's Jet Propulsion Laboratory on NASA's Dawn mission to the dwarf planet, Ceres. Doug Bernard tells about a new program that will offer inexpensive adjustable eye glasses to people in Rwanda. Pilots of the solar plane that set records flying without a drop of fuel are preparing to fly the aircraft around the world. By using the patient's own stem cells, scientists have succeeded in greatly reducing and in some cases, reversing disability caused by multiple sclerosis. To survive the destructive force of a tsunami, one coastal community in Washington State is copying a strategy that has been successfully used in Japan.

Saturday, January 24th ♦ 54:00 minutes

 **Teaching Robots to Cook with You Tube Videos**

We talk a University of Maryland Scientist who with his colleagues are teaching robots to perform complex actions such as those needed to help cook food by letting them watch “You Tube” videos. And..International Space Station Crewmembers had a bit of a scare this week. Bob Doughty will tell us what happened. We’ll learn about the development of a remarkable new imaging system that can take a hundred billion pictures a second. CDC Head Tom Frieden provides an update on the Ebola Crisis in West Africa. Free plans available online for building houses made of manufactured parts that perfectly fit together may provide solution to the problem of sub-standard housing. Breast cancer is the most common cancer in women worldwide, and race and ethnic background can impact survival. That seems to be true even when the disease is found at an early stage. We learn how Greenland's vast network of rivers and streams could add to the global rise in sea level.

Saturday, January 17th ♦ 54:00 minutes

 **A Quick Pause Before Grabbing a Snack Could Lead to Healthier Food Choices**

Happy New Year from VOA's Science World Today, we talk with Caltech researcher Nicolette Sullivan about a new study that found if we took a few seconds of time before deciding on what to eat; we could resist the temptation of eating tasty, but unhealthy foods and make a healthier food choice. We take a look back at what was accomplished in space technology over the past year. George Putic will tell us about the current state of commercial air communication technology. Fruit bats have been accused of being the source of the virus behind the current Ebola epidemic in Western Africa. But a new study points to another species as the culprit. Scientists may soon be able to detect rare or invasive species, study biodiversity or estimate fish abundance with just a scoop of air or a dip of water. Researchers in Britain have discovered a protein that plays a role in the spread of lung cancer, something that could lead to a therapy to prevent cancer metastasis, reducing cancer deaths.

Saturday, January 2nd ♦ 54:00 minutes

OF CONSUMING INTEREST

 **Legal tips for the little guy**

Tom Gordon with Consumers for a Responsive Legal System discusses law changes in California's small claims court, making a contract with a lawyer and how to complain about a lawyer.

Sunday, March 22nd ♦ 25:00 minutes

 **Starting a small business**

Hal Shelton, author of the book "The Secrets to Writing a Successful Business Plan," discusses strategies for starting a small business.

Sunday, March 15th ♦ 25:00 minutes

 **Deer-proofing your garden**

Sandy Farber of the University of the District of Columbia's Cooperative Extension Services discusses plants that deer are less likely to eat and strategies for keeping deer out of your garden

Sunday, March 8th ♦ 25:00 minutes

 **What a pothole can cost you**

Sue Nester, spokeswoman for the Trusted Choice Independent Insurance Agents and Brokers of America, and Mike McCartin of McCartin Insurance talk about the multi-billion dollar cost of potholes to the driving public.

Sunday, March 1st ♦ 25:00 minutes

 **Federal law and your medical privacy**

Twila Brase, president of the Citizens' Council for Health Freedom, discusses the Health Insurance Portability and Accountability Act (HIPAA) and how it is not a protection of your privacy.

Sunday, February 22nd ♦ 25:00 minutes

 **How new technology will shape your life**

Debra Berlyn, president of Consumer Policy Solutions, discusses new technologies such as 3D printers, smart watches, and drones.

Sunday, February 15th ♦ 25:00 minutes

 **The Federal Reserve and your interest rates**

Greg McBride of Bankrate.com discusses the impact if the Federal Reserve raises interest rates.

Sunday, February 8th ♦ 25:00 minutes

 **Making the legal system accessible**

Tom Gordon of Consumers for a Responsive Legal System discusses the group's efforts to make the legal system more accessible to consumers.

Sunday, January 25th ♦ 25:00 minutes

 **The insurance fraud hall of shame**

Jim Quiggle of the Coalition Against Insurance Fraud discusses the tremendous cost of insurance fraud.

Sunday, January 18th ♦ 25:00 minutes

 **What a pothole can cost you**

Sue Nester, spokesperson for the Trusted Choice Independent Insurance Agents and Brokers of America, and Mike McCartin of McCartin Insurance talk about the multi-billion dollar cost of potholes to the driving public.

Sunday, January 11th ♦ 25:00 minutes

🎧 The best credit cards for travel abroad

Odysseas Papadimitriou, CEO of CardHub.com, discusses the best credit cards to use for currency conversion when traveling abroad.

Sunday, January 4th ♦ 25:00 minutes