a mobile app for AZ healthcare

July 27th, 2016

Arizona Infectious Disease Training and Exercise
Informatics Breakout Session

#AZID2016  #AZHEALTH
In Hacking, Russia Accused of Playing in U.S. Politics

By DAVID E. SANGER and NICOLE PERKIN

- Forensic evidence suggests Russian intelligence agencies were behind the release of 20,000 emails from the Democratic National Committee.
- Hillary Clinton’s campaign manager argued that the emails were leaked “by the Russians for the purpose of helping Donald Trump.”

677 Comments

Ego Clashes Exposed in Leaked Emails

By MICHAEL M. Grynbaum

The documents released by WikiLeaks also offered an evocative glimpse of

Clinton Broke One Glass Ceiling. When Were Others Broken?

A look at some of the milestones when women and minorities were first elected to federal, state and local government.

Democratic Convention: What to Watch For on Day 1

How Can Hillary Clinton Sell Herself to Voters Who

The Opinion Pages

DAVID LEONHART

What Hillary Clinton Needs

She can’t escape her weaknesses. But as with George Bush in 1988, her convention can take them on.

- Callins: Behind Hillary’s Mask
- Room for Debate: Is Tim Kaine the Right Choice for Clinton?
- Join us on Facebook »

OP ED CONTRIBUTOR

Philly Is Hillary’s Kind of Town

BY JENNIFER WEINER

This is a city where a battered contender can hit her stride.

- Blow: More Damned Emails
- Colins: Trump and the End of Truth
- Krugman: Delusions of Chaos

TIMES INSIDER

Sports Reporter Cries Foul When Own Son’s Youth League Is Billed

THE CROSSWORD

Play Today’s Puzzle

4h An exhibit at the Isle of Wight Zoo in England features 20 examples of fees from different animals, including pigeons, meerkats and rams.

5h Goat-milk Popsicles. Frozen watermelon. Tiny shoes. New Yorkers go to great lengths to keep their dogs cool in the summer heat.

6h After a woman got out of her car in a Beijing animal park and was mauled by a tiger, her mother also left the car and
Over 2 million apps are available in the Apple App Store and Google Play and over 1000 new apps are added each day.
### Health A-Z

#### Common Topics

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| Acid Reflux | ACL Injuries | Acne | Acoustic Neuroma | Acute Lymphoblastic Leukemia | Acute Myeloid Leukemia | Acute Renal Failure | ADD/ADHD | ADHD in Children | Addiction and Substance Abuse, Adult | Addiction and Substance Abuse, Teen |

#### Health A-Z

- ADHD: Causes and Symptoms
- 17 Possible Side Effects Of Targeted Therapy
- 3 Signs You Need Radiation For Myeloma
- Taming a Tummyache
- 5 Types of Stem Cell Transplants
- 7 Signs Your Baby is Really Sick
- Type 1 Diabetes Quiz
- Video: How Insulin Lowers Blood Sugar
- Slow Male-Pattern Bidding By Quitting Smoking
- Take the ADHD Assessment
Apps in the medical category account for approximately 2% of total apps available in the Apple App Store.
“Mobile Devices and Apps for Health Care Professionals: Uses and Benefits”
- C. Lee Ventola, MS, 2014

“The Meaning of Information Technology (IT) Mobile Devices to Me, the Infectious Disease Physician”
- Yoo, 2013

“A balancing act: a phenomenological exploration of medical students’ experiences of using mobile devices in the clinical setting”
- Rashid-Doubell, Mohamed, Elmusharaf, & O’Neill, 2016
There are a few public health related apps available...but even fewer state specific public health apps
All of the apps described are targeted for the general public, NOT healthcare providers.
• Easy to use
• Quick to update
• Push notifications directly to users
• Accessible
• Available offline
Create Your Perfect App With Ease

Mobile Roadie unites app creation and mobile marketing in one powerful solution, empowering you to build a customized app in no time and update it on the fly.
APP DOWNLOADS

- Time frame: Past Month (31 days)
- Results: 136 downloads
- Trending: +126.7%

POPULAR CONTENT

- Content: Influenza, Specimen Collect, Chlamydia Infec., Pertussis, Hemophilia Inf.
- Count: 3, 2, 2, 2, 1, 1, 1, 1, 1
ADHS Content Development & Project Management

- All of our amazing EDC epis and managers
  - Susan Robinson & Rosa Lira
  - Lisa Villarroel
  - Christine Wampler

ADHS IT Support

- Design – Richard Gledhill
- Project Mgmt – Nita Surathu & Joseph Dick
- QA – Asha Balachandran

Mobile Roadie Team

- Marinda Dircks
- Nick Bishop
Come check out IDAZ and other public health apps at the App Station!

IDAZ Posters and Brochures also available
AZ Infectious Disease Resource

Receive alerts with public health updates

Search for public clinics, FQHCs, and RHCs in your area

Contact your local public health department with 1-click

Look up infectious disease info, including AZ specific statistics and testing recommendations

Find public health events and CME in your area

Download for free today!

Have questions, problems, or feedback? Reach out to us at IDAZ@azdhs.gov | www.azhealth.gov/idaz
THANK YOU

Teresa Jue  |  MEDSIS Program Manager

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[link: azhealth.gov/idaz]

[link twitter: @azdhs]

[link facebook: facebook.com/azdhs]

[link email: IDAZ@azdhs.gov]
Additional Screenshots
Global search functionality

Scrolling feature boxes to highlight newest updates or alerts

Direct link to public health, including contact information and 24/7 reporting numbers

Health alerts and Arizona specific infectious disease news and events
Disease icons for quick reference:

- Primary Transmission mode
- Endemic to AZ vs. Travel Associated
- Vaccine available in the U.S.
- Bioterrorism Agent

Legionellosis is a respiratory disease caused by *Legionella* bacteria. If the bacteria cause pneumonia, the condition is called Legionnaires' disease. If the bacteria cause a less serious infection that presents like a mild case of flu, the condition is called Pontiac fever.

Guidance for reporting cases according to Arizona Administrative Code

Disease Specific Information including Arizona 5 year medians, testing recommendations, and additional resources
Providers shall submit a report that includes the following information:

**Patient Information**
- Name
- Residential and mailing addresses
- County of residence
- If the individual is living on a reservation, the name of the reservation
- Telephone number(s)
- Date of birth
- Race and ethnicity
- Gender
- If known, whether the individual is pregnant
- If known, whether the individual is alive or dead
- If known, the individual's occupation

**Disease Information**
- The name of the disease (Morbidity)
- The date of onset of symptoms
- The date of diagnosis

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**Educational Materials**
ADHS offers free print materials to help healthcare providers educate their patients about infectious diseases. Order materials using the Office of Infectious Disease Ordering Form and materials will be mailed to your office.

**Free Continuing Medical Education (CME) Credits**
These CME courses are designed to improve physician knowledge and performance and are available at no cost. Please see available courses below:
- [Valley Fever: Timely Diagnosis, Early Assessment, and Proper Management](#)
- [Rabies Postexposure Prophylaxis (PEP) Basics: Risk & Prevention](#)
- [Documenting Cause of Death](#)
- [Medical Marijuana](#)
- [Centers for Disease Control & Prevention Online Continuing Medical Education](#)

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**Specimens for Bacteriology**
See disease specific guidelines

**Specimens for Serology**

<table>
<thead>
<tr>
<th>Blood</th>
<th>Collect 10-15 mL in a lavender top vacutainer with EDTA anticoagulant and do not freeze. Store sample refrigerated.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serum</td>
<td>Collect 2-3 mL in a red top, tiger top, or gold vacutainer. Store sample refrigerated.</td>
</tr>
<tr>
<td>CSF</td>
<td>Pleural or joint fluid, collect 2 mL and do not freeze. Store sample refrigerated.</td>
</tr>
<tr>
<td>Urine</td>
<td>Collect 10-20 mL. Store sample refrigerated</td>
</tr>
</tbody>
</table>

**Specimens for Virology**

| Store at 4°C and if testing cannot be performed within 72 hours. |
Public Clinics, FQHCs, and RHCs by County

**Cochise County**

- **Chiricahua CHC - 15th St...**
  815 15th St, Douglas, AZ, 85607

- **Chiricahua CHC - Bisbee...**
  108 Arizona St, Bisbee, AZ, 85603

- **Chiricahua CHC - Cliff Wh...**
  10566 US-191, Elfrida, AZ, 85610

- **Chiricahua CHC - Ginger...**
  1100 F Ave, Douglas, AZ, 85607

- **Cochise Health and Socia...**
  126 W 5th St, Benson, AZ, 85602

- **Cochise Health and Socia...**
  1415 W Melody Ln, Bisbee, AZ, 85602

- **Cochise Health and Socia...**

**Cochise Health and Social Services - Benson**

- **Services:** Nursing Services:
  Blood Pressure/Sugar,
  Pregnancy Testing, HIV/STD
  Testing, Family Planning,
  Children's Immunizations, Adult
  Immunizations, TB Testing, TB
  Reading Prevention Services:
  Home visiting programs for
  Children & Families, Women,
  Infants & Children (WIC), Health
  Promotion

- 126 W 5th St
  Benson, AZ 85602