

is presently engaged in creating a best practices document for online PDF publications.

This new best practices document is a natural continuation of the series that consists of:

Best Practices for Print Publications—Specialty Groups and Annuals (2005)

Best Practices for Offline Electronic Publications (or publications delivered on CD-ROM) (2005)

—Nancie Ravenel
NRavenel [at] shelburnemuseum.org

Health & Safety

Mobile Applications for the Health and Safety of the Conservation Lab

Like it or not, many of us are tied to our cell phones these days, but did you realize that there are a wealth of valuable chemical and occupational safety applications out there that can transform your ordinary cell phone into a health and safety tool center? While the list of apps for the iPhone seems endless, many are available for the Blackberry, and new ones are popping up for the Android system. A search on Google came up with 1,170,000 results for health and safety apps for all three operating systems. We have taken the opportunity to survey a few of these phone applications and have gathered our favorite ones below. More applications are being invented and created daily, so please send us any new programs that you think should be included in our list.

For additional information please check the Health and Safety resources on the AIC wiki at www.conservation-wiki.com. To provide feedback on these apps or others, please contact the committee.

Lab Safety

1. *iOSHA 1910 e-Reference* by Integrated Safety Technologies LLC for the iPhone. (\$8.99) This application allows for searchable access to the OSHA general industry regulations under 29 CFR 1903, 1904 and 1910.
2. *NIOSH Chemical Hazards* by Random Support, LLC for the iPhone. (\$2.99) Hold the complete contents of the 2010 NIOSH pocket guide on your phone. This application includes searchable indexes, respirator and PPE recommendations, exposure limits, PELs, physical descriptions of chemicals, measurement methods, and more.
3. *Laboratory Safety* by Deep Powder Software for Android, iPhone, and Blackberry. (\$1.25) This application lists the hazards for each chemical and instructs you on what to do during a chemical emergency.

First Aid

1. *Pocket First Aid and CPR Guide* from the American Heart Association (AHA) for the iPhone. (\$3.99) Review first aid and CPR procedures anytime with this application that features up-to-date emergency information from the AHA. Topics covered include choking, CPR, seizures, cuts, and wounds. The latest version includes child and infant CPR.
2. *Team Life CPR* by Team Life, Inc. for Blackberry. (\$1.99) This program gives you easy to follow, step-by-step guidance through CPR with visual and audible prompts.
3. *iMobile Care—First Aid and Health* by Visionsync Inc. for Blackberry. (\$2.99) This application shows users first aid and care for emergencies such as burns, poisoning, chest pains, and traumas.
4. *DocGPS* by UnitedHealth Group for Blackberry. (Free) The application will locate the nearest doctor or hospital within a 100 mile radius of you and your phone. It will also provide driving directions to the doctor and connect you to their phone number for easier contact.
5. *Poison Center Help* by American Association of Poison Control Centers for the iPhone. (Free) This application will connect users to their local poison center.

Lab Chemistry

1. *Solutions* by mekentosj.com for the iPhone (\$0.99) or by Vimukti Technologies Pvt Ltd for Blackberry (\$0.99). If you need help calculating solutions with molecular weights, molarity, volumes, or mass, these are the apps for you!
2. *MSDS* by Maerix Inc. for iPhone (\$0.99) or Blackberry (\$3.99). This application helps you understand all of the components of the chemical Material Safety Data Sheet (MSDS).
3. *The Chemical Touch* by Christopher Fennel for the iPhone (also available in lite edition). (\$0.99) This periodic table companion application allows you to explore chemical properties.
4. *Chemistry Calculators* by Darren Gates for Android (\$0.99). This is useful for those of us who have forgotten how to balance equations.

Emergency Response

1. *FEMA Mobile* accessible through m.fema.gov. (Free) This application teaches how to respond to disasters, apply for assistance and help others. It works in English and Spanish.

—Corey Smith
coreySmith [at] semtribe.com

—Jane Klinger as well as members of the
AIC Health and Safety Committee