

**Am J Public Health
April 2014:**

*The Effect of Chairside
Chronic Disease
Screenings by Oral
Health Professionals on
Health Care Costs*

Objectives. Estimate short-term health care cost savings that would result from oral health professionals performing chronic disease screenings.

Methods: population data, estimates of chronic disease prevalence, and rates of medication adherence from the literature to estimate cost savings that would result from screening individuals aged 40 years and older who have seen a dentist but not a physician in the last 12 months.

Results: medical screenings for diabetes, hypertension, and hypercholesterolemia in dental offices could save the health care system from \$42.4 million (\$13.51 per person screened) to \$102.6 million (\$32.72 per person screened) over 1 year.

Conclusions: Oral health professionals can potentially play a bigger role in detecting chronic disease in the US population.

Read Entire Article

<http://ajph.aphapublications.org/doi/abs/10.2105/AJPH.2013.301644>

DEAN'S UPDATE

TO THE IUSD COMMUNITY



First Friday.....April 4, 2014

The April edition marks the beginning my third year as writer/editor and publisher of First Friday! It has been fun to write about IUSD local and national items of interest to stimulate thought and conversation about academic dentistry. I do this to foster communication to advance our Mission and the Vision of IUSD to make Indiana..... *one of the best dental schools of the 21st century.* Enjoy year three!

- **How We Should Teach [Incognito – The Secret Lives of the Brain](#)**

I attended the American Dental Education Association (ADEA) annual session last month in San Antonio. One of several great presentations has me thinking about the way we currently educate our students and ways we should be exploring to change the way we educate digitally native students. Dr. David Eagleman engaged the audience at the opening session with the science of learning and brain function. He stated that the unconscious brain is ruthlessly efficient which leads to the brain taking the path of least resistance in learning. As educators (digital immigrants), we are good at training students in rote memorization of facts. The most important thing we can teach our students, however, is [cognitive flexibility](#) - the opposite of rote learning. Shaking students off the path of least resistance and preparing them for the next decades of learning where the tools and theories they are currently using will change. He suggests:

1. Promote active learning- minimize lectures
2. Use guided teaching- guide students to an answer
3. Set idea quotas- students must generate multiple solutions to problems
4. Enlist all the senses- sight, smell, hearing, kinesics
5. Create enriched environment for learning – new instructional spaces

- **IUSD Research Day- April 7th (Monday)**

All are invited to come explore the 22nd anniversary of IUSD Research Day. Scientific discovery through the laboratory or the clinics is the foundation of our profession which leads to translational research, clinical trials and finally to evidence based practice. Dr. Peter Polverini, Immediate Past-President of the [American Association for Dental Research](#) and dean emeritus of the University of Michigan School Of Dentistry will be our featured speaker on the topic of [Personalized Oral Health Care](#). The program begins at 12:30pm in the IU/UI Campus Center 4th floor. Special thanks to the 2014 Research Day planning committee and the leadership of the Indiana-AADR Section.

- **Planning Activities: IUSD Dental Facilities Project Update**

Planning continues with the Master Planning architectural firm Smith group. We have been working with the IU campus facilities office regarding use of the Wishard Primary Care Clinical (WPCC) building. The local architectural firm, Arc Design, is working with us on feasibility designs and plans for the WPCC. I invite you to view my presentation from February on the building planning considerations in case you missed it:

<http://www.indiana.edu/~video/stream/launchflash.html?folder=dsvideo&filename=DeansTownHall/140226 Dean Town Hall.mp4>

First Friday....IUSD Dean's Update April 4, 2014

- **Compliance: The Value of Being Compliant**

Risk management comes in various shapes and sizes. We hear about identity theft at Target Stores and other places. We are concerned about protecting Personal Health information (PHI) and following the vast provisions in the Health Insurance Portability and Accountability Act (HIPAA). In the new age of U.S. health care, the dental school is subject to all federal rules from the Affordable Care Act to the Centers for Medicaid and Medicare program around *Meaningful Use*. IUSD has been focused on compliance for many years and within the ever increasing complexity of health care delivery and documentation in an electronic environment, we have taken further measures with the creation of the IUSD Office of Compliance.

What do patients expect from their health care provider? One of the sustaining tenets of dentistry is the pledge to “do no harm.” Patients rely on those in health care to protect their health and heal illness. Trust is a key component for any healthcare facility. How do we communicate IUSD’s value of that patient trust? Interestingly, compliance with the laws that promote trust by consumers (and employees) is often addressed in a negative, defensive manner. Here at IUSD, the Compliance Office is working to change that concept. New processes and trainings are being developed to help the faculty, staff and students “get in the habit” of compliance. Focused, relevant instruction is the aim. As providers get a better understanding of how the rules promote the patient’s best interest, compliance will become a valuable principle. IUSD’s newly adopted calendar will provide time to review the regulations. The GIS tracking system will be used to demonstrate IUSD’s commitment to “do no harm.” Today’s patients want transparency, professionalism and efficiency. They are more willing than ever to “compare” services among providers. As compliance helps IUSD communicate and display trust, many patients will be able to recognize the care, thoroughness and sense of integrity with which IUSD acts to protect the patient. In turn, the value of being compliant will affect how pleased we are to be a part of the future at IUSD.

- **IUSD ADEA/AADR National Awards and Leadership**

Congratulations to the IUSD students and faculty recognized at the recent ADEA/AADR meetings!

Allison Scully- ADEA Gies Foundation/AADR Academic Careers Fellowship 2014-15

Ted (Tadziu) Kula – ADEA Preventive Dentistry Award 2014

Austin Starr – AADR: National Student Research Group -Basic Science Award 2014

Dr. Joan Kowolik – elected to the ADEA Board of Directors representing the Council on Sections

- **Upcoming Events Calendar**

- April 7th: 22nd IUSD Research Day Monday April 7th Campus Center
- April 17th: Dinner & Dedication of Dr. James Baldwin Orthodontics Professorship
- May 10 & 11 IUSD/IUPUI Commencement Ceremonies- Indiana Convention Center

- **IUSD First Friday Social**

From Staff President Terry Wilson “Just a reminder that this Friday is April 4, and as such IUSD Staff Council will again be hosting Dean Williams’ “First Friday Social” starting at 7:30 am in the basement student lounge with complimentary coffee and donuts.” We have doubled down on donuts!!

Thank you for your continued dedication and support of the Vision and Mission of IUSD. I’ll be back next month with the 2014 May edition of *First Friday...Dean’s Update*.



-John

Check out all the current IUSD News on our [website](http://www.dentistry.iu.edu/) or at: <https://www.dentistry.iu.edu/>