



alert:



This fall the Young Epidemiology Scholars (YES) Competition introduces an exciting new website, www.EpiCalendar.com. This interactive resource for students, teachers and the public explores many of the most important events, people and institutions that have shaped the course of public health from the 14th century to the present. From the first cases of bubonic plague to today's obesity epidemic, the Epi Calendar offers 12 months of milestones in the investigation, control and prevention of public health threats.

"Anyone curious about epidemiology will enjoy exploring the YES Epi Calendar," said Diane Tsukamaki, Director, National Recognition & Scholarship Programs, the College Board. "No matter what month you click on you'll find all kinds of interesting epi-related information. It's a great way to immerse yourself in the diverse world of public health and see the incredible array of topics researched by YES scholarship winners."

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YES Scholars Go Back to School

Many YES Scholars are embarking on college careers. [Page 2]

PERSPECTIVES

In Georgia, it's epi on their minds. This fall, Georgia will become the first state to offer epidemiology at the high school level. [Page 3]



365 EPI:

YES Launches Online Epidemiology Calendar

[continued from front cover]

YES Scholars have conducted research projects related to many of the public health topics found in the Epi Calendar. Examples of these award-winning projects are peppered throughout the site. The website also offers the option to

import the calendar to Microsoft Outlook or a mobile device via Google Calendar.

Educators will find references to the YES epidemiology teaching units inside the Epi Calendar. These innovative curricula are designed for high school classrooms across many subject areas, offering real-life public health mysteries for students to solve while teaching the scientific methods used in epidemiological research.

Teachers should also look out for a poster version of the calendar to arrive in their mailboxes this fall. The 12-month Epi Calendar wall poster, ideal for posting in classrooms, features highlights of public health milestones throughout the year.



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alert

YES

YES SCHOLARS GO

BACK TO SCHOOL

As the new academic year begins, many YES Scholars are embarking on their college careers.

Among them are New Orleans-native **MARGARET FORSHAG** (2009-10 YES Regional Finalist), who starts her freshman year at Davidson College in North Carolina, and **AMAN PRASAD** (2005-06 First Place Winner) of Pocatello, Idaho, who begins graduate work at the University of Wisconsin–Madison.



MARGARET

Why did you choose Davidson College? I wanted a small liberal arts college with a small town feel. I really liked the location and the school's easy-going environment. I plan to work towards a degree in history while fulfilling the pre-med requirements.

Do you have tips for students applying to college? Keep your mind open to a variety of schools. Don't dismiss possibilities until you've fully investigated your options.

What are your aspirations for the future? I hope to be a physician and to study infectious diseases. Most of all I would like to make a contribution to my community. My goal for next year is to start a service club aimed at strengthening the health of Louisiana's gulf coast.



AMAN

What will you study at UW Madison? I'm pursuing a combined M.D./Ph.D. degree, which will provide me with the opportunity to train as a medical researcher. I've always been drawn to problems at the intersection of clinical medicine, basic science and policy.

How has YES helped you achieve your success? YES has done the best job of connecting me to mentors in the field (I even interned at RWJF after my freshman year in college). I feel very much a part of the public health community at every level.

What are your aspirations after graduating? I'd like to do the Ph.D. portion of my degree in population health or molecular epidemiology. I'm hopeful that my work will take me around the country and around the globe on some interesting adventures in pursuit of a healthier world.

ALUMNI UPDATE



2009-10: OTANA JAKPOR (left), Riverside, CA, is attending the University of Southern California. She is participating in an 8-year global health M.D. program and researching the matter emitted from paraffin and soy candles. **MATTHEW LAM**, Old Westbury, NY, will be a senior at Jericho High School. He traveled to China to research epidemiology in developing countries. He would like to study community health in college.



2008-09: ALEAH GOLDIN, Allentown, PA, is attending the University of Richmond as a Boatwright Scholar. She is majoring in epidemiology and engaging in psychology research. **CHELSEA MORRIS** (left), Kaneohe, HI, is attending the University of Pennsylvania. As a result of her YES Competition research, Hawaii's Governor signed a proclamation for Healthy Kids and Teens Week.

2007-08: EMILY BARKER, Marshfield, WI, is attending the University of Wisconsin-Madison. She is working on an epidemiology-based project, which tracks genetic differences in *E. coli* strains to aid in outbreak investigative work. **ANTHONY D'IPPOLITO**, Grove City, OH, is enrolled at The Ohio State University and is majoring in molecular genetics. His YES Competition research paper was published in a pediatric journal this past spring.

2006-07: CHARLES HYMAN, Houston, TX, is attending Brown University where he continues his interest in epidemiology and public health. **JENNIFER SCHINDLER**, Rockville Centre, NY, graduated with a B.S. in psychology and public health. She is attending graduate school at Columbia University's Mailman School of Public Health, where she is studying sociomedical sciences and health promotion.

2005-06: ELIZABETH BAKER, Tucson, AZ, graduated with a B.S. in psychology. She is attending graduate school at the University of St. Andrews in Scotland, studying evolutionary and comparative psychology. **NATALIA NAZAREWICZ**, Oak Ridge, TN, is attending Brown University, where she is majoring in community health. Last summer, she worked with John Snow, Inc. in Tanzania.



2004-05: GREGORY BRUICH (left), La Jolla, CA, graduated from U.C. Berkeley with a B.A. and B.S. in economics. Gregory is seeking a Ph.D. at Harvard University in public economics relating directly to epidemiology and public health. **ANDREEA SEICEAN**, Bay Village, OH, graduated from Case Western Reserve University in 2008 with a B.A. in public health and also completed her M.P.H. She is currently working towards an M.D./Ph.D. in health service research.

Andreea's research was published in The Royal Society of Medicine Journal of Health Service Research.

2003-04: SCOTT BAUER, Brookline, MA, is a graduate student at Harvard University studying epidemiology. His research topics include breast cancer and vitamin D. **JENNIFER LUO**, Pine Hill, NJ, is pursuing a dual degree at the University of Medicine and Dentistry of New Jersey in osteopathic medicine and public health with an epidemiology focus.

FOR MORE **WHERE ARE THEY NOW** UPDATES ON NEARLY 350 YES SCHOLARS visit www.collegeboard.com/yes/news/where_are_they.html

IN GEORGIA IT'S EPI ON THEIR MINDS

PERSPECTIVES



This fall, Georgia will become the first state to offer epidemiology at the high school level. Curriculum and standards have been developed for students to study epidemiology while meeting their state science requirements. YES is proud to share its acclaimed teaching units with Georgia educators as they inspire the next generation of public health leaders. The initiative will expose students from all backgrounds to the exciting world of public health and hopefully encourage them to test their epi skills in the YES Competition.

Learn more about this exciting initiative in a Q&A with Juan Carlos Aguilar, science program manager at the Georgia Board of Education Division of Academic Standards.

What inspired Georgia to add epidemiology to its high school science program? For the past few years our teachers have taken summer epidemiology workshops at the Centers for Disease Control (CDC). Based on the success of these workshops, the CDC contacted the Georgia Board of Education to explore the idea of developing an epidemiology curriculum for high school students.

How was the coursework created? A committee of high school and middle school teachers, along with experts from the CDC, University of Georgia and the Fern Bank Science Center examined how epidemiology is taught at the introductory university level. They then developed the high school coursework that is aligned with state standards and allows students to transition to college level epidemiology courses and careers in public health.

What aspects of epidemiology will the course focus on? The epidemiology curriculum is designed to expand student understanding of the scientific processes and develop critical thinking skills. It expands on concepts learned in biology while integrating math and statistics. The study of epidemiology will engage students in scientific investigations using real world situations. They will explore the distribution and relationship of health and disease, patterns of abnormal health, associations and causations, as well as media literacy and informed decision making.

What skills will students gain from studying epidemiology? Epidemiology allows students to make connections between science and other subjects and the real world. For example, a student studying statistics can apply concepts from epidemiology to understand the spread of disease in a population. Science that was esoteric becomes relevant. The study of epidemiology also exposes students to the possibility of a career in public health and gives them the skills to address public health challenges.

YES in the press

ON AIR

EPIC COVERAGE OF THE YES COMPETITION YES TAKES OVER THE AIRWAVES

Florida NPR program, **411 TEEN** welcomed 2009-10 First Place Winners **Shoshanna Goldin** and **Gazelle Zerfati** to share their experiences as YES Scholars. During the July 11th interview

the teen epidemiologists spoke to other teens about their eye opening research on energy drinks and teen migraines.



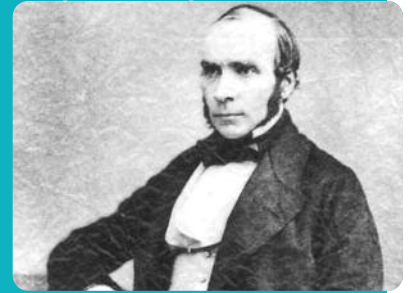
Epi also filled the airwaves on August 20 as the **IN OUR VOICES** radio program interviewed 2007 YES National Finalist, **Danielle Leepow**. Dr. Ruth Jiles of the CDC and Diane Tsukamaki of the College Board joined the Atlanta native now attending Howard University on the Mid Atlantic public affairs program focused on women's issues.



The College Board
11955 Democracy Drive
Reston, VA 20190
www.collegeboard.com/yes

CONGRATULATIONS TO EPI-QUIZ WINNER

KEVIN HAN (2003-04 YES Semifinalist) of New York City. He is the winner (chosen randomly from those submitting correct responses) who identified John Snow as the mystery epidemiologist from our last newsletter. A special bonus is given to **ALEAH GOLDIN** (2008-09 Regional Finalist), who submitted the first correct entry. Both received YES gift packages.



EPILOGUE



HERE'S A NEW CHANCE TO WIN A PRIZE IN OUR NEXT EPI QUIZ!

John Snow discovered that a cholera epidemic was caused by a public water pump on Broad Street in London. Snow linked cholera's spread to water instead of air in his groundbreaking epidemiological study, which continues to be a model for today's epidemiologists.

Broad Street appears twice in the history of epidemiology. In 1976, another famous outbreak had its focus on a different Broad Street in the U.S. Name the outbreak and the city. (Question submitted by Dr. Ralph L. Cordell, Epidemiologist, Centers for Disease Control and Prevention.)

SEND YOUR ANSWERS to yes@dcinyc.com with your contact information by Friday, October 15, 2010. A random winner will be chosen from the correct responses.

WE WANT TO HEAR FROM YOU! To suggest an Epi-Logue quiz topic for the next issue, write to us at yes@dcinyc.com. If your topic is chosen you'll be credited in the next issue!