Short Film Features John Snow’s Struggle To Convince His Adversaries With Data

Called “Definitely Worth Seeing”

A young filmmaker with an interest in film since childhood who saw cinematic potential in the story of John Snow because of the visual media Snow used to present data has produced a short film entitled “Snow”. He calls it the “latest rendition of the Father of Epidemiology”. The focus of the film is on Snow’s struggle to convince the public and the scientific establishment about the validity of his ideas about cholera.

Larry Kushi, an epidemiologist at Kaiser Permanente Northern California and an advisor and reviewer on the film, told the Epidemiology Monitor the film is “definitely worth seeing”. It is the first attempt I am aware of to dramatize the story of John Snow, said Kushi. As such, it is “pretty dramatic” or can be, he added, and “pretty cool”.

Short Synopsis

The official publicity for the film presents it as a short live action film based on a true story and describes it

- Snow, continues on page 2

Richard Doll Prize Winner Gives Lecture At World Congress Of Epidemiology

Poor Diets Of Mothers Called Cause of Disease In Next Generation

Dr David Barker, a widely-acclaimed epidemiologist from the United Kingdom, was this year’s winner of the Richard Doll prize from the International Epidemiological Association (IEA) at the World Congress of Epidemiology in Edinburgh. The prize is awarded to an epidemiologist who has done epidemiologic work of the highest standard. The prize was first started in 2008 when it was given to Nubia Munoz for her work on HPV epidemiology and is awarded every

- Doll Prize, continues on page 6
“He described his film as a “taste of what could be”.”

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The film will be screened at upcoming film festivals this fall and is scheduled to be shown at the University of Southern California (USC) on September 30, and at Columbia, and the University of Pittsburgh later this fall.

Filmmaker

The filmmaker, Issac Ergas, is a former Peace Corps volunteer who first became interested in water projects while working in Cameroon. He subsequently earned an MPH degree at Berkeley in 2001 and was also involved in a water study in the San Francisco Bay area. He enrolled in a Master of Film and TV Production at USC and told the Monitor his worlds of public health and film were soon “colliding”. He wrote screenplays for the Snow story and found funding from the Sloan Foundation which was interested in producing films with science-based themes. He called his idea and Sloan’s goal “a perfect fit”.

Ergas said he created the film to highlight Snow’s achievements and to shed light on epidemiology as a field. He said the film is intended to serve an educational purpose as well as to be entertaining and appeal to both public health and lay audiences.

However, since the film is short at 22 minutes, Ergas is also hoping to stimulate interest in making a full-length feature film about John Snow. He described his film as “a taste of what could be”.

The film has not been shown publicly yet and will be submitted to a variety of film festivals this fall to obtain publicity for the film. According to Ergas, the film is not being distributed on DVD at this time to make his application to film festivals more competitive. Once widely or freely available, festival organizers are less interested in selecting films for screening, according to Ergas.

Asked about how historically accurate his film is, Ergas said he did a lot of research and spoke with the authors of books about Snow. He did not want his film to be labeled a “silly portrayal” by epidemiologists and public health professionals.

Based on Facts

Some compromises were made, according to Ergas, however they never seemed very far away from the facts. For example, Snow apparently did not prepare his maps until after the pump handle was removed, but in the film this sequence is altered. Also, some characters are fictional, however, this has no bearing on the film’s purpose, according to Ergas. He told the Monitor that removal of the pump handle was “of great significance” regardless that some believe that the epidemic had started to decline before the pump handle was removed.”

-Snow continues on page 4
Million Hearts Initiative Seeks To Prevent One Million Heart Attacks and Strokes Over The Next Five Years

A new coordinated initiative between the private and public sectors was announced in September 2011 by the Department of Health and Human Services. Entitled the Million Hearts Initiative, the effort aims to achieve control of high blood pressure and cholesterol in an additional 10 and 20 million Americans, respectively, and to stop smoking in 4 million persons, according to CDC Director Thomas Frieden. Overall, the initiative seeks to prevent 1 million heart attacks and strokes.

Key strategies for the initiative involve greater reliance on Americans to make healthier choices and better implementation of the “ABCS” which target cardiovascular risk factors. These are Aspirin for people at risk, Blood pressure control, Cholesterol management, and Smoking cessation.

Support

Private sector groups such as the American Heart Association and Walgreens are undertaking a variety of activities in support of the Million Hearts Initiative, and this support is expected to grow in the coming months, according to a press release from HHS. On the government side, HHS is providing more than $200 million in grants that will support the objectives of the Million Hearts Initiative, including $40 million for chronic disease prevention programs in health departments.

Tackling Salt

One part of the initiative will seek to reduce salt consumption and FDA issued a call for information in the Federal Register on September 15 about dietary intake of salt and approaches that will reduce sodium intake in the population. A public meeting is planned to discuss these topics among interested persons.

One estimate on the CDC website is that nearly 400,000 deaths each year are attributable to high blood pressure. The IOM in its recent report on “Strategies To Reduce Sodium Intake in the US” states that population wide reductions in sodium could prevent more than 100,000 deaths annually. The IOM stated that the current level of sodium in the food supply—added by food manufacturers, food service operators, and restaurants—is too high to be “safe”. It called for a major change through a new coordinated approach.
"...a systematic epidemiologic approach is able to change a paradigm about disease spread."

"...marks a new era in the understanding of disease..."

Stages of the Film

The film opens with Snow convincing himself about the soundness of his conclusions and then depicts him building a case for shutting down the well. He must convince the public and the scientific community that the cholera is water-borne and not airborne as the miasma theory postulated. The film shows how a systematic epidemiologic approach is able to change a paradigm about disease spread. The climax comes in Snow’s confrontation with his adversary from the Royal College of Physicians who represents mainstream thought on the subject.

Future Screenings

Readers who wish to arrange a screening of the film may contact Ergas to discuss possible arrangements. Because the film is short, a screening probably needs to include another activity such as a panel discussion to complement the showing. Also, sponsors of the screening must agree not to make copies of the film and return the original to Ergas, at least until the film is publicly released.

Synopsis

The official synopsis for the film is as follows:

Set in London in the summer of 1854 during one of the worst cholera epidemics the world has ever known, Snow is the story of Dr. John Snow, a local physician and anesthesiologist, who must find the courage to stand up to the city's most powerful players in exposing the ugly truth about London's water supply. Together with his allies, they must piece together a scientific puzzle that will culminate in one historic moment of removing the handle from the Broad Street Pump. This symbolic act not only marks a new era in the understanding of disease, but also anoints Snow as the "Father of Modern Epidemiology".

Contact Information

Ergas may be contacted at Isaac@snowthemovie.com

To watch a trailer of the film and to obtain other information, visit http://www.snowthemovie.com
Science Review Article Describes Barriers to the Policy Use of Data

Recommendations Made To Strengthen The Connection Between Science and Policy

Using early childhood education as the example, William Gormley, a Georgetown University professor, has provided an analysis of the barriers impeding the use of scientific data in policymaking, identified the contexts in which science is taken seriously, and described actions which can be taken to improve the utilization of data.

Science Influence

Early in his article (Science 19 Aug 2011), Gormley is quick to condemn what he calls the “hypodermic needle” concept of how science works to impact policy. For a variety of reasons, a belief in such a direct influence of science on policy reflects a simplistic understanding of the policy process in which inputs from multiple actors are involved. This simplistic understanding can lead to unrealistic expectations among scientists about their potential for influence on policy.

Facilitators of Use

While some factors, such as a lack of scientific consensus or tight budgets work against the adoption of evidence and are beyond the researcher’s control, there are factors which facilitate the adoption of evidence. According to Gormley, these are 1) clear and brief reports, 2) credible methods and nonpartisan researchers, 3) trust between researchers and the public officials, and 4) framing issues in ways which gain public support.

Steps To Take

To strengthen the connection between data and policy, Gormley recommends several steps that scientists and public officials could take. For scientists, these include 1) providing explanations for the findings of studies on program successes and failures, and 2) supporting institutions which facilitate interactions between scientists and between citizens and public officials. For public officials, these include 1) allowing longer time frames for calculating costs and long term benefits of interventions, and 2) supporting state level agencies that can carry out rigorous evaluations of state programs.

According to Gromley, “With more modest expectations, there may be reason for optimism among researchers hoping to influence policy.”
three years. The amount of the prize is 20,000 British pounds, the largest epidemiology prize given by any group of epidemiologists.

Barker is widely known for articulating a hypothesis that environmental factors early in life from the time of conception can influence risk of disease in later life. This “Barker hypothesis” has been a catalyst for the establishment of large cohorts studies all over the world, according to the IEA.

Among the many points made by Dr Barker during his lecture were:

1) We are not winning the war on chronic diseases. Not every condition has its own specific cause, but rather the manifestation of disease is the playing out of a few key elements.

2) The human baby is “plastic”. Events during development can alter gene expression, and there are critical periods . “ The first 1,000 days”are important because much development has occurred by then.

3) Babies born small at birth are biologically different. Babies are nourished by their mother’s lifetime nutrition and her placenta. The size and shape of the placenta are predictive of cancer and cardiovascular disease later in life.

4) The risk of chronic disease later in life is also influenced by low weight gain from birth up to two years.

According to Barker, there are variations in the normal process of development caused by tradeoffs which the body makes in response to undernutrition. These in turn program a few key bodily systems such as inflammatory responses and the number and quality of stem cells. These responses in utero change the body’s structure, physiology, and metabolism. For example, he cited breast cancer and called it a form of stem cell disease attributable to poor quality stem cells.

Listeners to Barker can come to question whether any interventions to prevent disease can make a difference when the foundation for disease may be laid so early in life. Barker called poor diets of girls and young women the cause of disease in the next generation. He told the epidemiologists in attendance that improving those diets must be “the cornerstone of a public health program”.

Barker is currently professor in cardiovascular medicine at Oregon Health and Science University and a professor of clinical epidemiology at the University of Southhampton.

Readers who wish to learn more about this topic may visit www.thebarkertheory.org or consult the book “Nutrition in the Womb” by David Barker.
New Movie "Contagion" Receives High Marks From Epidemiologists

"Contagion", a new thriller described by one commentator as an ‘Oh God Oh God We’re All Going To Die’ movie, is receiving positive reactions from epidemiologists both for its realism and its entertainment value. The story involves the spread of a new emerging ME-1 virus from bats to humans which spreads quickly around the world and kills many of those infected.

The NIH’s Anthony Fauci, director of the Allergy and Infectious Diseases Institute told CIDRAP news “It’s one of the most accurate movies I have seen on infectious disease outbreaks of any type…It did depict what would be an extremely rare possibility of a worst-case scenario…Audiences will look at this and say,’Could it happen?’ Certainly it could happen, but it’s extremely unlikely to happen.”

The film’s chief science advisor was Columbia University’s Ian Lipkin who is John Snow Professor of Epidemiology and Director of the Center for Infection and Immunity in the School of Public Health. In an interview in Wired Science, Lipkin said the fictional ME-1 virus is a paramyxovirus that infects the lungs and brain and was modeled on Nipah virus. “We considered casting other viruses, he said, “but this was the best.”

Experts from CDC were consulted about the story and some scenes were actually filmed at CDC in Atlanta. In addition to being dubbed accurate and entertaining, epidemiologists are seeing other benefits because the film educates the public about a possible threat and helps make the case for a strong, well-funded public health system. A New York Times reviewer called the movie “a giant in-your-face public service advertisement for the world’s beleaguered health agencies.”

- Epi News Briefs continue on pg. 8
Forbes Article Questions Scientific Soundness of IARC Conclusion On Cell Phones

A recent provocative article in Forbes online magazine entitled “Behind the World Health Organization’s ‘Cancerous’ Pronouncement on Cell Phones’ has called into question the scientific soundness of the recent IARC report which called radiation frequency from cell phones a “possible carcinogen”. The reason for the critique by Geoffrey Kabat, a cancer epidemiologist at Albert Einstein and author of “Hyping Health Risks: Environmental Hazards in Daily Life and the Science of Epidemiology”, is his conclusion and that of other epidemiologists that the bulk of the evidence shows no increased risk.

If so, how could the committee conclude that cell phones are a possible carcinogen? Kabat’s view is that non-science related factors such as the inclusion of a Swedish investigator on the committee—a vocal promoter of his finding that phone use is associated with an increased risk of glioma—gave excessive weight to this limited evidence considered potentially flawed by some epidemiologists familiar with the study.

Another explanation is contained in the remarks of a committee member who told Kabat that the IARC “wanted to send a message” that we still have limited information about the possible effects of cell phones, particularly among children, and that a clean bill of health for cell phones is premature. That seems hard to argue with from a public health perspective.

Actually, Kabat’s objection appears not to be with the IARC’s conclusion, since indeed the data on cell phone risk are still limited and monitoring has not been carried out long enough to be fully convinced about the safety, but with the IARC’s terminology. He calls the term “possible carcinogen” as it applies to cell phones an “ambiguous label” and “unfortunate” because it means one thing to scientists working for IARC and something different to the general public. Thus, it seems the IARC report is problematic more from a communication than a scientific perspective.

Kabat warns that the label chosen—possible carcinogen—is likely to be misused in the future to make it seem that we have more of a risk than the evidence justifies. He reminds readers that we need to rely on scientists to use clear language to tell us what things are worth worrying about.

To read the Forbes article, visit: http://tinyurl.com/3kh7xjy

9/11 Tenth Year Remembrance Provides Opportunity To Highlight Public Health’s Role

The ten year anniversary of the events of 9/11 this month have been the occasion for remembrance
“Public health had not traditionally been considered among the first responders, but ten years ago, that changed forever.”

The report also catalogues the list of ongoing gaps in preparedness and states that “the top lesson we learn and relearn in each tragedy and emergency is that being prepared means we must sustain enough resources and vigilance so we can prevent what we can and respond when we have to...the current economic climate and budget cuts at federal, state, and local level mean that the progress made over the past decade could be lost.”

Perhaps public reaction to the new movie “Contagion” will help reverse the complacency which is at the heart of failure to achieve full public health preparedness.

To access the full report, visit:

http://tinyurl.com/45xqzdh

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Havard Medical School invites applications to a search for an epidemiologist specializing in bio-social evaluations of epidemic disease or in analysis of large-scale intervention programs to be appointed as assistant professor in the Dept. of Global Health. This tenure-track position is established to strengthen the Department’s scholarly work in health care delivery among resource-poor populations in sub-Saharan Africa, the Caribbean, and possibly other regions.

We seek applicants who have significant experience working in resource-poor settings, including capacity-building among local national as well as supervision and management of research studies and field operations. The candidate should have experience in qualitative and quantitative data collection; a strong record of sponsored research and scholarly publications in both medicine and public health; and excellent teaching skills. The candidate should have experience in mentorship and will be required to mentor medical students and graduate students as well as to contribute to the mentorship of junior faculty members in study design and analysis of data. Collaboration with other faculty and with multidisciplinary teams on study design, data analysis, and the preparation of scholarly publications will be expected. A doctoral degree in epidemiology, biostatistics or in a social science/public health field with quantitative skills training is required for this position.

Applicants should send a cover letter, curriculum vitae, statement of teaching interests, statement of research plans, and names and contact information for at least three potential references. These documents should be submitted as .pdf attachments to: http://academicpositions.harvard.edu/postings/3746. Additional information, including contact for questions is available at the postings site. Applications must be received by January 5, 2012.

Harvard University is an Equal Opportunity, Affirmative Action Employer and applications from women and underrepresented minorities are strongly encouraged.
Notes on People

Profiled: Joel Lamstein, 68, founder and CEO of John Snow Inc. the public health consulting firm in Boston, in the New York Times, Aug 28, 2011. Says Lamstein, “what motivates me is going to the field, either in the United States or overseas, and seeing the people whose lives we affect…I believe there is an obligation to try and assist people who are struggling against tough odds.”

Died: William Kannel, 87, an epidemiologist who worked for six decades on the Framingham Heart study. He is credited with coining the term “risk factors”, according to the Washington Post obituary. It called the Framingham Study “one of the top medical achievements of the past century” and a colleague credited Kannel with doing most of the heavy work of the project and being the “squeaky wheel” which kept it running.

Died: Bruce Dan, 64, a medical television personality, who helped link tampons and toxic shock syndrome while working as an EIS Officer at the CDC, died in Baltimore on September 6, according to a recent obituary in the NY Times. In 1981, Dan and others received the Langmuir Prize for epidemic investigation and a US Public Health Service Commendation Medal. To read the full obituary, visit the Times online at: http://tinyurl.com/3wk9ou5

Epidemiology Events Calendar

Date: November 21, 2011
Title: Conference on Connecting Biobanks
Sponsor: European Biobanking and Biomolecular Resources Research Infrastructure-Netherlands
Place: Rotterdam, Netherlands
Cost: Free for non-commercial parties. €100 for others
Contact info: Visit www.bbmri.nl/conference 2011

Date: December 5-9 2011
Title: 5-Day Short course Concepts of Epidemiology
Sponsor: The University of Edinburgh Centre for Population Sciences and Office of Lifelong Learning
Place: Edinburgh, UK
Cost: £845
Contact Info: Email CPD@ed.ac.uk Tel +44(0)131 651 1189/1180

Date: November 8-11, 2011
Title: 6th Biregional Scientific Conference
Sponsor: Training Programs in Epidemiology and Public Health Interventions Network (TEPHINET)
Place: Bali, Indonesia
Cost: $350 thru October 31
Contact Info: Tephinet2011@fetpindonesia.org, Tel+62 21 428 77601
Epi-Monitor Job Bank---Sample Listings for September 2011

For over 30 years the Epi-Monitor has helped epidemiologists find the best jobs in the field. Our publication helps employers cost effectively reach their target audience. Recently we’ve dramatically expanded our job bank to include:

- Over 550 positions currently listed
- Opportunities in all 50 states
- Openings in 26 countries
- 6 universities looking for 5-12 faculty EACH
- Jobs in industry with multiple locations
- Listings for non-traditional epi jobs requiring epi education/experience

In addition to listings found in this print newsletter our website, Facebook page, and e-mail alerts are constantly updated and allow us to help you find the job or employee to meet your needs. See a job listing that interests you or want to see our other listings? Stop by our website today!

Shouldn’t your next job or employee come from the Epi-Monitor job bank?

www.epimonitor.net/JobBank.htm

Sample International Epidemiology Job Opportunities

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For full details on these and other job openings: http://epimonitor.net/International_Epidemiology_Jobs.htm
## Sample USA Epidemiology Job Opportunities

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<td><a href="mailto:yvonne.goldsmith@alaska.gov">yvonne.goldsmith@alaska.gov</a></td>
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<td>Illinois</td>
<td>Epidemiologist - Cancer Research</td>
<td>University of Chicago</td>
<td><a href="http://tinyurl.com/4yx08wo">http://tinyurl.com/4yx08wo</a></td>
</tr>
<tr>
<td>Indiana</td>
<td>PostDoc / Molecular &amp; Genetic Epi</td>
<td>Indiana University</td>
<td><a href="mailto:chunhe@iupui.edu">chunhe@iupui.edu</a></td>
</tr>
<tr>
<td>Iowa</td>
<td>Infectious Disease Epidemiologist</td>
<td>Univ Iowa – Dept of Epi</td>
<td><a href="mailto:michael-pentella@uiowa.edu">michael-pentella@uiowa.edu</a></td>
</tr>
<tr>
<td>Kansas</td>
<td>Advanced Epidemiologist</td>
<td>Dept of Health &amp; Environment</td>
<td><a href="mailto:recruiter@kdheks.gov">recruiter@kdheks.gov</a></td>
</tr>
<tr>
<td>Kentucky</td>
<td>Clinical Program Design Analyst</td>
<td>Humana</td>
<td><a href="http://tinyurl.com/42k94wm">http://tinyurl.com/42k94wm</a></td>
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<tr>
<td>Louisiana</td>
<td>Asst. Prof. - Epidemiology</td>
<td>Louisiana St – Health Sciences</td>
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<tr>
<td>Maine</td>
<td>Healthcare Data Analyst</td>
<td>Health Dialog</td>
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<tr>
<td>Maryland</td>
<td>Faculty Positions – Dept of Epi</td>
<td>John Hopkins University</td>
<td><a href="mailto:facapps@jhsph.edu">facapps@jhsph.edu</a></td>
</tr>
<tr>
<td>Maryland</td>
<td>Div. Director – Gerontology</td>
<td>Univ Maryland – Baltimore</td>
<td><a href="mailto:jguralnik@umaryland.edu">jguralnik@umaryland.edu</a></td>
</tr>
<tr>
<td>Massachusetts</td>
<td>PostDoc – Nutritional Epi</td>
<td>Tufts Univ - HNRCA</td>
<td><a href="mailto:paul.jacques@tufts.edu">paul.jacques@tufts.edu</a></td>
</tr>
<tr>
<td>Massachusetts</td>
<td>CPHR Program Director</td>
<td>UMASS Medical School</td>
<td><a href="mailto:Robert.Goldberg@umassmed.edu">Robert.Goldberg@umassmed.edu</a></td>
</tr>
<tr>
<td>Michigan</td>
<td>Data Manager / Analyst - Epi</td>
<td>MPRO</td>
<td><a href="mailto:hr@mpro.org">hr@mpro.org</a></td>
</tr>
<tr>
<td>Minnesota</td>
<td>Lead Statistician</td>
<td>Mayo Clinic</td>
<td><a href="mailto:smcrocys@nasrecruitment.com">smcrocys@nasrecruitment.com</a></td>
</tr>
<tr>
<td>Minnesota</td>
<td>Prof – Infectious Dis Epi</td>
<td>Univ. Minnesota</td>
<td><a href="http://tinyurl.com/6dxat8z">http://tinyurl.com/6dxat8z</a></td>
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For full details on these and other job openings: http://epimonitor.net/JobBank.htm
### Sample USA Epidemiology Job Opportunities

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<th>Location</th>
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<td>Mississippi</td>
<td>Epidemiologist/Biostat/Analyst</td>
<td>Mississippi State DOH</td>
<td><a href="mailto:joe.surkin@msdh.state.ms.us">joe.surkin@msdh.state.ms.us</a></td>
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<tr>
<td>Missouri</td>
<td>TT Assoc-Full Prof - Epi</td>
<td>St. Louis University</td>
<td><a href="mailto:evansrg@slu.edu">evansrg@slu.edu</a></td>
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<tr>
<td>Montana</td>
<td>Epidemiologist</td>
<td>Pub Hlth/ Human Svc–Chron Dis</td>
<td><a href="mailto:hhsea@mt.gov">hhsea@mt.gov</a></td>
</tr>
<tr>
<td>Nebraska</td>
<td>Pgm Dir – Masters of Public Health</td>
<td>Creighton University</td>
<td><a href="mailto:deesledge@creighton.edu">deesledge@creighton.edu</a></td>
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<tr>
<td>Nevada</td>
<td>TT Asst Professor - Epi</td>
<td>Univ Nevada – Reno</td>
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<td>PostDoc QM Biomed Sciences</td>
<td>Dartmouth Medical School</td>
<td><a href="mailto:Crystal.Flaherty@Dartmouth.edu">Crystal.Flaherty@Dartmouth.edu</a></td>
</tr>
<tr>
<td>New Hampshire</td>
<td>Asst Prof of Molecular Epi</td>
<td>Dartmouth Medical School</td>
<td><a href="mailto:Crystal.Flaherty@Dartmouth.edu">Crystal.Flaherty@Dartmouth.edu</a></td>
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<td>Albert Einstein College of Medicine</td>
<td><a href="http://eph.aecom.yu.edu">http://eph.aecom.yu.edu</a></td>
</tr>
<tr>
<td>New York</td>
<td>Prof Cancer Epi</td>
<td>Albert Einstein College of Medicine</td>
<td><a href="mailto:thomas.rohan@einstein.yu.edu">thomas.rohan@einstein.yu.edu</a></td>
</tr>
<tr>
<td>New York</td>
<td>Dean, School of Public Health</td>
<td>CUNY Hunter College</td>
<td><a href="http://tinyurl.com/3r4nqw8">http://tinyurl.com/3r4nqw8</a></td>
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<td>Epidemiologist</td>
<td>US EPA</td>
<td><a href="mailto:wade.tim@epa.gov">wade.tim@epa.gov</a></td>
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<td>Epidemiologist III</td>
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<td>Faculty – Biostat &amp; Epi</td>
<td>Cincinnati Children's Hospital</td>
<td><a href="mailto:julie.burns@cchmc.org">julie.burns@cchmc.org</a></td>
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<tr>
<td>Oklahoma</td>
<td>GRA Cardio Genetics Epi</td>
<td>Univ OK – Health Science Ctr</td>
<td><a href="mailto:jinying-zhao@ouhsc.edu">jinying-zhao@ouhsc.edu</a></td>
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<tr>
<td>Oregon</td>
<td>Data Reporting Analyst</td>
<td>Regence</td>
<td><a href="http://www.regence.com/careers">www.regence.com/careers</a></td>
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<tr>
<td>Rhode Island</td>
<td>Biostatisticist</td>
<td>Care NE / Brown Ctr for Children</td>
<td><a href="mailto:wihjobs@carene.org">wihjobs@carene.org</a></td>
</tr>
<tr>
<td>South Carolina</td>
<td>Dir. Prevention Research Ctr (TT)</td>
<td>Univ. South Carolina</td>
<td><a href="mailto:breager@mailbox.sc.edu">breager@mailbox.sc.edu</a></td>
</tr>
<tr>
<td>South Dakota</td>
<td>Faculty – Outcomes Research</td>
<td>Sanford Research/USD</td>
<td><a href="mailto:Paul.Thompson@sanfordhealth.org">Paul.Thompson@sanfordhealth.org</a></td>
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<tr>
<td>Tennessee</td>
<td>Asst Prof – Public Health</td>
<td>University of Memphis</td>
<td><a href="http://tinyurl.com/3up98fh">http://tinyurl.com/3up98fh</a></td>
</tr>
<tr>
<td>Texas</td>
<td>Asst/Assoc Prof (5 positions)</td>
<td>UT School of Public Health</td>
<td><a href="mailto:Sharon.S.Cummings@uth.tmc.edu">Sharon.S.Cummings@uth.tmc.edu</a></td>
</tr>
<tr>
<td>Texas</td>
<td>Faculty – Epi &amp; Behavioral Science</td>
<td>UT Health Science Ctr Houston</td>
<td><a href="mailto:Raul.Caetano@uth.tmc.edu">Raul.Caetano@uth.tmc.edu</a></td>
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<tr>
<td>Utah</td>
<td>Health Utilization Analyst</td>
<td>Regence</td>
<td><a href="http://tinyurl.com/3twhjqi">http://tinyurl.com/3twhjqi</a></td>
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<tr>
<td>Vermont</td>
<td>Public Health Analyst</td>
<td>VT DOH</td>
<td><a href="mailto:Ichecher@vdh.state.vt.us">Ichecher@vdh.state.vt.us</a></td>
</tr>
<tr>
<td>Virginia</td>
<td>Epidemiologist / Biosurveillance</td>
<td>Noblis</td>
<td><a href="http://tinyurl.com/3vrmhp">http://tinyurl.com/3vrmhp</a></td>
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<tr>
<td>Washington</td>
<td>Epidemiologist/Toxicologist</td>
<td>Gradient</td>
<td><a href="mailto:apatterson@gradientcorp.com">apatterson@gradientcorp.com</a></td>
</tr>
<tr>
<td>Wash, DC</td>
<td>Pub Health Analyst - Epi</td>
<td>IHSC - Dept of Homeland Security</td>
<td><a href="http://tinyurl.com/3wzlnyp">http://tinyurl.com/3wzlnyp</a></td>
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<tr>
<td>W. Virginia</td>
<td>Endowed Prof - Epidemiology</td>
<td>W. Virginia Univ – Community Hlth</td>
<td><a href="mailto:PubHlthSearch@hscc.wvu.edu">PubHlthSearch@hscc.wvu.edu</a></td>
</tr>
<tr>
<td>Wisconsin</td>
<td>Epi Faculty (8-10 positions)</td>
<td>Univ. Wisconsin - Milwaukee</td>
<td><a href="mailto:jpark9@uw.edu">jpark9@uw.edu</a></td>
</tr>
<tr>
<td>Wyoming</td>
<td>Pub Hlth Sr Admin</td>
<td>Wyoming Department of Health</td>
<td><a href="mailto:ramona.nelson@wyo.gov">ramona.nelson@wyo.gov</a></td>
</tr>
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</table>

For full details on these and other job openings: [http://epimonitor.net/JobBank.htm](http://epimonitor.net/JobBank.htm)
Yale University School of Public Health
Yale University School of Medicine
Tenured Associate or Full Professor
Head, Division of Environmental Health Sciences

Yale University School of Public Health (YSPH) seeks a Head of the Division of Environmental Health Sciences (EHS). Outstanding applicants in all areas of environmental health are welcome to apply. This is a position with tenure at either the Associate or Full Professor level, depending on experience. The successful candidate is expected to actively participate in teaching graduate candidates and to lead an active, well-funded research program in environmental health. He/she will have the opportunity to shape future research directions, expand existing programs in environmental health, such as environmental epidemiology, and act as a liaison with other faculty in the Yale School of Medicine. Resources will be available to the new Head for hiring additional faculty with expertise in environmental health. The Yale School of Public Health has a long history of environmental health research based nationally and internationally. EHS Faculty collaborate with investigators in all divisions of YSPH, including Biostatistics, Chronic Disease Epidemiology and Epidemiology of Microbial Diseases, as well as with other faculty in Yale School of Medicine. We welcome applicants who can collaborate within the EHS Division; across the University such as with the Medical School Departments of Pediatrics, Respiratory and Critical Care Medicine, Yale Cancer Center and Yale School of Forestry and Environmental Studies; and maintain collaborations outside the University.

The successful candidate should have a doctoral degree with training in environmental epidemiology or a related field; an active research program; a record of training graduate and/or post-graduate candidates; a reputation for mentoring successful academic careers; and a reputation for excellent scholarship that includes contributions to the scientific literature in environmental health and a successful track record of funded research.

Review of applications will commence on November 1, 2011 and will continue until a successful candidate has been identified. Applicants are asked to prepare a single pdf file that contains letter of interest, curriculum vitae, statement of research and teaching interests, as well as copies of five recent publications. Address correspondence to:

EHS Search Committee Chair
Yale School of Public Health
Yale University School of Medicine
P.O. Box 208034
New Haven, CT 06520-8034
ehsearch@yale.edu

Yale University is an affirmative action/equal opportunity employer. Yale values diversity in its faculty, students, and staff and especially welcomes applications from women and underrepresented minorities.

Public Health Faculty Search
(open rank)

The West Virginia University (WVU) Department of Community Medicine is undergoing a major expansion and plans, with its partners, to apply for School of Public Health status. We seek applicants for full-time tenure-track faculty positions (open rank) across public health disciplines, including policy and administration, epidemiology, biostatistics, bioinformatics, social and behavioral sciences, environmental health, and health services research. We expect to recruit up to nine tenure-stream faculty in both the research-emphasis and the teaching-emphasis tracks. This search has two goals: (1) to expand the curriculum to include new master’s and terminal degrees, and (2) to expand our already dynamic research profile. An overview of our graduate programs and our research interests can be found at our website: http://www.hsc.wvu.edu/som/cmed

Each new position comes with a competitive tenure-track salary. Successful research-emphasis faculty will have demonstrated capability or substantial promise to secure and perform competitive research. Research emphasis candidates should (1) be able to collaborate with multidisciplinary research teams of basic, clinical, and applied researchers, (2) already have or possess significant promise to develop their own program of funded research, and (3) be able to teach in their area of expertise. For teaching-emphasis faculty, successful candidates will demonstrate clear expertise in teaching several courses in their discipline, designing public health curriculum objectives, and participating in research. For social/behavioral scientists in teaching-emphasis positions, CHES certification is a plus. Excellent communication skills are important for all faculty.

The Department of Community Medicine, poised for major expansion, has several national research programs, a thriving, CEPH-accredited MPH program, and a PhD program. The Department of Community Medicine also has close ties with multiple research centers and institutes including the CDC-funded Injury Control Research Center, a CDC-funded Prevention Research Center, the Center on Aging, the Mary Babb Randolph Cancer Center, the Center of Excellence in Women’s Health, the Center for Interdisciplinary Research in Cardiovascular Sciences, and the Center for Neuroscience. We are adjacent to, and a frequent research and educational collaborator with CDC’s National Institute for Occupational Safety and Health (NIOSH).

Applications
Interested candidates should submit a cover letter describing their research and teaching experience, listing of contact information for three references, and curriculum vitae to Crystal Toth, search coordinator, at PubHlthSearch@hsc.wvu.edu. Dr. Sarah Knox, Professor is Chair of the Search Committee. The position will remain open until filled.
Assistant/Associate/Full Professor of Cancer Epidemiology
Department of Epidemiology and Population Health
Albert Einstein College of Medicine

Applications are invited for a full-time Assistant/Associate/Full Professor of cancer epidemiology in the Department of Epidemiology and Population Health (DEPH) at the Albert Einstein College of Medicine, a leading research institution with a strong commitment to excellence in research. The DEPH is well recognized for its multi-disciplinary programs in epidemiologic and prevention research and is currently undergoing considerable expansion of its faculty base.

The epidemiologist who occupies this position will be expected to develop an independent program of research in cancer epidemiology, focusing on one or more of the following areas: molecular epidemiology, nutritional epidemiology, and/or chemoprevention; and to teach medical and graduate students. The position, which comes with a generous start-up package including 3 years of full salary support plus research funds, will provide opportunities for diverse research experiences in a highly collegial environment with potential for growth.

The successful candidate will have either a PhD in epidemiology or an MD with advanced training in epidemiology, strong verbal and written communication skills, relevant research and teaching experience, and a record of peer-reviewed publications. Rank will be commensurate with experience.

Interested candidates should submit a cover letter describing their research and teaching experience and listing three referees, together with their curriculum vitae, to: Tom Rohan, M.D., Ph.D. (Ref: Einstein-CE), Chairman, Department of Epidemiology and Population Health, Albert Einstein College of Medicine, Jack & Pearl Resnick Campus, 1300 Morris Park Avenue, Bronx, New York 10461, Phone: (718) 430-3355, Fax: (718) 430-8653, E-mail: thomas.rohan@einstein.yu.edu, Website: http://eph.aecom.yu.edu

Applications will be accepted on a continuing basis until the position is filled. Albert Einstein College of Medicine is an equal opportunity employer.

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Associate/Full Professor of Cardiovascular Disease Epidemiology
Department of Epidemiology and Population Health and
Wiener Family Cardiovascular Research Institute
Albert Einstein College of Medicine

Applications are invited for a full-time Associate/Full Professor in cardiovascular disease epidemiology in the Department of Epidemiology and Population Health (DEPH) and the Wiener Family Cardiovascular Research Institute at the Albert Einstein College of Medicine, a leading research institution with a strong commitment to excellence in research. The DEPH is well recognized for its multi-disciplinary programs in epidemiologic and prevention research and is currently undergoing considerable expansion of its faculty base. The Wiener Family Cardiovascular Research Institute is a university-wide multidisciplinary center for cardiovascular research including basic science, translational, clinical, and population-based investigators.

The epidemiologist who occupies this position will be expected to develop an independent program of research in the epidemiology of cardiovascular disease, and to teach medical and graduate students. The position, which comes with a generous start-up package including 3 years of full salary support plus research funds, will provide opportunities for diverse research experiences in a highly collegial environment with potential for growth.

The successful candidate will have either a PhD in epidemiology or equivalent, or an MD with advanced training in epidemiology, strong verbal and written communication skills, relevant research and teaching experience, and a record of peer-reviewed publications. Rank will be commensurate with experience.

Interested candidates should submit a cover letter describing their research and teaching experience, their full curriculum vitae, and a list of three referees, to: Tom Rohan, M.D., Ph.D. (Ref: Einstein-CVE), Chairman, Department of Epidemiology and Population Health, Albert Einstein College of Medicine, Jack & Pearl Resnick Campus, 1300 Morris Park Avenue, Bronx, New York 10461, Phone: (718) 430-3355, Fax: (718) 430-8653, Web: http://eph.aecom.yu.edu

Applications will be accepted on a continuing basis until the position is filled. Albert Einstein College of Medicine is an equal opportunity employer.
Lead Statistician, 
Mayo Clinic Center for the Science of Health Care Delivery

In 2011, Mayo Clinic launched its Center for the Science of Health Care Delivery to investigate, implement and evaluate new practice models that will improve the value of health care to patients and society. The Center is multidisciplinary and applies multiple methods to analyze, plan and experiment with policies and practices in health care. Mayo Clinic is uniquely positioned to accomplish these goals given the breadth of clinical activities and observational and experimental practice-based interventions taking place at its three large campuses in Minnesota, Arizona and Florida, as well as the network of primary care practices that comprise the Mayo Clinic Health System.

The Mayo Clinic Center for the Science of Health Care Delivery invites applications for a Statistical Director within the vibrant center focused on improving the processes, quality and outcomes of health care. As Director, this person will lead an analytical team consisting of master’s-level biostatisticians, health services analysts (at the master’s and bachelor’s levels) and data analysts. Minimum qualifications include a Ph.D. degree in statistics, biostatistics, bioinformatics, econometrics or a closely aligned quantitative area at the Associate Professor level or equivalent; 3-5 years of professional experience; and a demonstrated ability to collaborate with clinical and/or translational scientists. Qualified candidates will have broad experience in biostatistics and medical research, and interest and demonstrated success in clinical and/or translational research. The successful candidate should have at least 5 years’ prior experience and will possess excellent leadership skills, communication skills, and the ability to work as part of a multidisciplinary team of doctor-, master’s-, and bachelor’s-level health services researchers, statisticians and programmers.

Successful applicants will have demonstrated expertise in two or more of the following areas:

- Propensity score matching/stratification
- Time series analyses
- Quantile regression
- Fractional regression
- Discrete choice modeling
- Instrumental variable technique
- Latent class modeling
- Hierarchical/multi-level modeling
- Structural equation modeling
- Bayesian methods

Primary responsibilities of this position will be:

- Providing research design guidance and technical assistance to investigators, while coordinating the analytical team;
- Developing and conducting high-quality substantive and methodological research in one or more of the above areas;
- Publishing peer-reviewed articles, book chapters, and/or books;
- Competing for external funding;
- Graduate teaching and advising;
- Providing national leadership in the methodological and statistical aspects of the science of health care delivery.

Salary and academic rank will be commensurate with qualifications. To apply and learn more about this position, Mayo Clinic and Rochester, MN, please visit www.mayoclinic.org/careers/job/ and reference job posting number 538587.

Applications should include curriculum vitae and bibliography, summary of past experience and the names and e-mail addresses of three references. Specific questions related to the posting should be directed to:

Walter K. Kremers, Ph.D.
Associate Professor of Biostatistics
Department of Health Sciences Research
Mayo Clinic
200 First Street SW
Rochester, Minnesota 55905
The School of Public Health at The University of Memphis invites applications for two 9-month tenure-track faculty appointments.

**Position Title:** Professor/Director – Epidemiology & Biostatistics

**Job Summary:** The Division supports the MPH concentration in Epidemiology and Biostatistics and is developing a new doctoral program in Epidemiology. The Director is responsible for leading a faculty, managing budgets, personnel policy, annual reporting, recruitment, and maintaining academic programs at the highest level for accreditation. The Director will conduct research, obtain extramural funding, teach and mentor faculty. The Director will represent the division among other University academic units as well the profession and the general public.

**Minimum Qualifications:** Candidates must hold a doctorate in epidemiology or a related field and have an established research record of publication and extramural funding commensurate with rank as well as demonstrated leadership in administration of academic programs.

**How to Apply:** Application must be submitted online at: [http://tinyurl.com/426wwgv](http://tinyurl.com/426wwgv)

**Position Title:** Associate/Full Professor of Epidemiology

**Job Summary:** Tenure track 9-month academic position in epidemiology at the Associate or Full level. Expertise in epidemiological methods and their application to an area of public health need is required. The successful candidate will be expected to teach and mentor students in our MPH and doctoral programs, to have a strong program of peer-reviewed scholarship and extramurally funded research, to mentor early career faculty, and to contribute to the further development of the School of Public Health.

**Minimum Qualifications:** Applicants must have a doctoral degree in epidemiology or a closely related field and relevant professional experience commensurate with academic rank. Expertise in chronic disease or behavioral/social epidemiology is desirable but not required.

**How to Apply:** Application must be submitted online at: [http://tinyurl.com/426wwgv](http://tinyurl.com/426wwgv)

**Special Conditions:** The University of Memphis is a comprehensive urban university and is classified as a Carnegie Doctoral Research Extensive public institution. There are six colleges and four professional schools, enrolling approximately 20,000 students of which 4,300 are in graduate programs. Opportunities exist for collaboration with various University research centers including the FedEx Institute of Technology, W. Harry Feinstone Center for Genomic Research, Methodist Le Bonheur Center for Healthcare Economics, Benjamin L. Hooks Institute for Social Change, and the School of Urban Affairs and Public Policy. Our new Memphis Research Consortium ([http://www.memphisresearchconsortium.org](http://www.memphisresearchconsortium.org)) with $10 million of state funding this year establishes the opportunity for supporting research within the areas of childhood obesity, informatics, systems modeling, and behavioral epidemiology to address key areas of focus in children’s health improvement, clinical and behavioral informatics, and public health genomics. Collaborative agreements allow for cross-institutional work with St. Jude Children’s Research Hospital and the University of Tennessee Health Science Center as well as partnerships with Baptist Memorial Health Care, Methodist Le Bonheur Healthcare and other community health clinics and systems.

**Special Instructions to Applicants:** Applicants must upload cover letter, CV, and a list of three references. Salary is competitive and commensurate with qualifications and attractive benefits package is offered. Additional information about the School of Public Health is available at [www.memphis.edu/sph](http://www.memphis.edu/sph)

Formal screening will begin November 1, 2011; however position will remain open until filled.
Pre and Post Doctoral Training Program in
Comparative Effectiveness Research

The Sealy Center on Aging at the University of Texas Medical Branch in Galveston, Texas has openings for both pre-doctoral and post-doctoral positions. The main purpose of the training program is to support outstanding postdoctoral fellows and graduate students in Comparative Effectiveness Research (CER) in older populations.

Current CER by UTMB faculty include:
- Outcomes/toxicities from cancer treatments
- Comparative effectiveness of different strategies for cancer screening
- Comparative effectiveness of hospital care provided by hospitalists
- Comparative effectiveness of nurse practitioner vs. primary care physicians in nursing homes & community care.
- Outcomes of rehabilitation after stroke and hip fracture
- Recovery from hospitalization

Mentoring teams provide expert guidance in an environment proven to maximize progress toward independent researcher status. Funded investigators include physicians, epidemiologists, statisticians, demographers and health economists. Aging-related research initiatives at UTMB include a Center for Comparative Effectiveness Research on Cancer in Texas (CERCIT), the Claude D. Pepper Older Americans Independence Center, the Center for Comparative Effectiveness and Cancer Outcomes, and the Hispanic Established Population for Epidemiologic Studies of the Elderly.

Exceptional candidates may qualify for an additional $5,000-$10,000 over the NIH stipend level plus moving expenses. All trainees receive full health care benefits. Additional funds are available to cover tuition and fees for relevant courses and other training related expenses. Pre-doctoral fellows earn a Ph.D. degree in sociomedical sciences or clinical sciences (health services research) in the Department of Preventive Medicine and Community Health, or other doctoral programs at UTMB.

In order to be considered for the program, an applicant must be a citizen of the U.S. or a permanent resident. All applications reviewed by the Training Grant Selection Committee and applicants may be invited to interview.

Application procedure and information available at:
http://www.utmb.edu/scoa/researchTraining/comparative.asp

Direct inquiries or questions – Beth Schilling
409.266.9656 baschill@utmb.edu

School of Community Health Sciences
Assistant Professor, Epidemiology

The University of Nevada, Reno School of Community Health Sciences seeks an innovative, energetic scientist for a tenure track faculty position in Epidemiology at the rank of Assistant Professor. The school offers the MPH in Epidemiology and Social-Behavioral Health and a BS in Community Health. The successful applicant is expected to: teach graduate and undergraduate courses in Epidemiology; advise graduate students; develop and maintain an independent program of scholarship; engage in university community and professional service.

Review of applications will begin October 17th, 2011.

Required Qualifications
1. Earned doctorate (PhD, DrPH, ScD) in Epi or a closely related field.
2. Ability to develop and maintain an independent program of research, including ability to secure external research support.
3. Demonstrated ability / potential to teach grad & undergraduate students.
4. Ability to interact effectively w/ diverse groups in a multidisciplinary environment.

Applications must be submitted online at:
https://www.unrsearch.com/postings/8253
Please attach a CV, a letter of application describing your qualifications, areas of expertise and interest in the position and contact information of three professional references.
The University of Massachusetts (UMass) Graduate School of Biomedical Sciences (GSBS) and Medical School in Worcester, MA, are jointly seeking a researcher/educator to lead the doctoral program in Clinical and Population Health Research (CPHR). This thriving doctoral program was founded 7 years ago and has, as its primary focus, clinical and population health research. An MD/PhD pathway, offered in conjunction with the Medical School, is also available to students. The Program Director will be appointed at the Associate/Full Professor level, depending on qualifications, in the Department of Quantitative Health Sciences in the School of Medicine. The Program Director will also be appointed as Assistant/Associate Dean in the GSBS. Appointment into a tenure-track position is possible.

The successful candidate must have a PhD or equivalent doctoral degree in a relevant area, and a strong track record in both teaching and research. A dual MD/PhD degree and a history of curricular innovation are desirable. Independent research status is a requirement for this position as is interest and willingness to teach in the CPHR Program.

UMass is a dynamic institution on a rapidly ascending trajectory. UMass received a Clinical and Translation Science Award in 2010 and the Worcester campus currently receives more than $250 million in annual extramural funding. The Department of Quantitative Health Sciences (QHS) was founded in 2009, now has over 20 faculty in 4 Divisions, and is a key driver of clinical and translational research at UMass. The CPHR program is transitioning to a home in QHS, with graduate students housed in proximity to QHS faculty. A broader group of over 80 faculty members across the UMass Worcester campus, including QHS, have expertise in clinical and population health research and serve as mentors and thesis advisors for the CPHR students.

Applicants should submit a cover letter, curriculum vitae, statement of research interests, educational leadership experience, and contact information for three references to www.umassmed.edu/gsbs; www.umassmed.edu/qhs; and www.umassmed.edu/cphr. Interested applicants may find out further details about the GSBS, the Department of QHS, and the CPHR program through the following links: www.umassmed.edu/gsbs; www.umassmed.edu/qhs; and www.umassmed.edu/cphr.

Review of applications will commence immediately and continue until the position is filled.

The college of Applied Sciences and Arts, Department of Health Sciences invites applications.

Doctorate required; graduate degree in public health. Demonstrated ability to teach applied quantitative courses in social epidemiology and health information systems. Job announcement at: http://tinyurl.com/3qfmt4

TO APPLY: Include Job ID: 14163. Send hard copies of:
a) a letter of application
b) curriculum vitae
c) statement of teaching interests, philosophy, and experiences
d) summary of research agenda, accomplishments, and current projects
e) at least three original letters of reference including contact information

By November 11, 2011 to: Dr. Edward Mamary, Acting Chair, Department of Health Science, San Jose State University, San Jose, CA, 05192-0052. Email: Edward.Mamary@sjsu.edu

SJSU is an Equal Opportunity/Affirmative Action Employer committed to the core values of inclusion, civility and respect for each individual.
The Center for Interdisciplinary Research in Women’s Health at UTMB invites applications for a tenure-track position at the assistant professor level. Applicants in all areas of research related to women’s health will be considered. Candidates with backgrounds in sociology, demography, anthropology, public health, epidemiology, statistics, and related fields are encouraged to apply. UTMB has strong research programs in reproductive health, aging, infectious disease, adolescent health and preventative medicine, among others. A strong publication record and experience with grant writing is preferred.

The successful candidate will be provided with a competitive salary and benefits package and given a minimum of 85% protected time for research. They will also be given the opportunity and assistance to establish and maintain an independent, externally funded research program.

Applicants should have a PhD or equivalent degree, a record of conducting research in women’s health, and no more than 6 years of research experience following their degree.

Send electronic curriculum vitae, statement of research interests and goals, and the names of three references to:

Abby Berenson, MD, MMS
The University of Texas Medical Branch
301 University Blvd.
Galveston, TX 77555-0587
abberens@utmb.edu

UTMB is an equal opportunity affirmative action institution that proudly values diversity. Candidates of all backgrounds are encouraged to apply.