

# **The Editors of EPIDEMIOLOGY**

Invite you to a

## **FRIDAY SYMPOSIUM**

From "BIG Epidemiology" to  
"COLOSSAL Epidemiology"  
When All Eggs Are in One Basket

Moderated by

Miguel A Hernán and David Savitz, Editors

### **AND FEATURING**

**Richard Platt, Bruce Psaty,  
and Carlie Williams**

Friday, 29 June 2012

3:30 - 5:00 PM

Nicollet A/B



Latest in an ongoing series:

**"THE CHANGING FACE OF EPIDEMIOLOGY"**

Symposia and commentaries on rapidly evolving aspects of our field



## President's Message Polly A Marchbanks, PhD

Dear Colleagues and Friends...Greetings! It is a pleasure to welcome you to the 45th Annual Meeting of the Society for Epidemiologic Research (SER) held in Minneapolis, one of America's great cities. Minneapolis is renowned for its picturesque natural surroundings, as well as its cultural and recreational opportunities.

The SER Executive Committee and staff have joined forces to create what promises to be an eventful conference with just the right combination of learning, laughter, sharing, and connecting. All of the program planners deserve our abundant thanks for their outstanding work. In particular, we owe a special debt of gratitude to Dr. Bernard (Bernie) Harlow (University of Minnesota School of Public Health) for serving as our local host.

Several recent events highlight SER's continuing evolution: we ventured into the realm of social media to maximize our communication, we launched an Emerging Scholar Initiative to foster the professional development of early stage investigators, and we are exploring ways to directly involve more members in productive committees that will broaden our impact and effectiveness. We continue to be in awe of our energetic and progressive Student and Post-DocCommittee (SER-SPC), which is an enduring inspiration to be forward-thinking.

As I perused this program for the 2012 Annual SER Meeting, I had an overwhelming feeling of honor...honor that I am a part of SER. This program reflects a dynamic and diverse array of sessions, symposia, workshops, reunions, receptions, and more. Importantly, this program reflects dedication to meaningful goals, commitment to public health, and a passion for epidemiologic research that both advances the field and makes a difference in the lives of people. If you are not already a member of SER, I invite you to join here in Minneapolis. SER is a strong and vibrant organization - your personal participation will make SER even stronger. Together, we can help SER thrive.

I hope the 2012 Annual SER Meeting will be enjoyable and memorable, and I look forward to seeing you during this exciting time.

Polly A Marchbanks, PhD  
President, SER  
2011-2012

# PLENARY SESSIONS

## THURSDAY PLENARY SESSION, 8:30-10:00 AM

### KEYNOTE ADDRESS

**WILLARD CATES, JR, MD, MPH, *FHI***

Willard Cates, Jr is the President of Research at FHI 360, a science-based global health and development organization that has been a leader in the worldwide fight against HIV/ AIDS. Before joining FHI 17 years ago, Dr. Cates spent two decades at the Centers for Disease Control and Prevention, where he directed STD/HIV prevention efforts and helped lead family planning evaluation activities.

Dr. Cates has authored or co-authored more than 450 scientific publications. He is past President of the Society for Epidemiologic Research and a Member of the Institute of Medicine, National Academy of Sciences and the American College of Preventive Medicine. He serves as Adjunct Professor of Epidemiology at the University of North Carolina Gillings School of Global Public Health and Clinical Professor in University of North Carolina's Departments of Medicine and Obstetrics/Gynecology.

### GUEST SPEAKER

**HENRY BLACKBURN, MD**

#### "THE WORLD WAS OUR LABORATORY"

#### ORIGINS AND EARLY EVOLUTION OF CARDIOVASCULAR DISEASE EPIDEMIOLOGY

Henry Blackburn was born in Miami, Florida, on March 22, 1925. Educated at the University of Miami and Tulane University School of Medicine, he was then trained at Northwestern Memorial, the American Hospital of Paris, and the University of Minnesota. He established clinics for Methodist missions in Cuba in 1949 and served as US Public Health Service (PHS) officer for the Displaced Persons Act in Austria from 1950 to 1953. He joined the faculty of the Laboratory of Physiological Hygiene at Minnesota in 1956 and conducted field surveys of the Seven Countries Study through 1972. That year he became Director of the Laboratory and in 1983 became chairman of the Division of Epidemiology.

Two signature publications initiated his career: The Electrocardiogram in Population Studies (aka The Minnesota Code) and Cardiovascular Survey Methods with Geoffrey Rose. His work in observational studies led to participation in the design and direction of national preventive trials from the 1960s through the 1980s. In the late 1970s he proposed population-wide strategies of surveillance and preventive interventions that culminated in the Minnesota Heart Survey, which has been conducted since 1979, and the Minnesota Heart Health Program, a six-community study begun in 1980.

In semi-retirement, Dr. Blackburn directs a National Library of Medicine grant on the History of Cardiovascular Disease Epidemiology and supervises the development of an archive and website on this history, available at: <http://>

## **FRIDAY PLENARY SESSION, 8:30-10:00 AM**

### **JOHN C CASSEL MEMORIAL LECTURE**

**SHERMAN JAMES, PhD, *Duke University***

**"WHERE HAVE YOU GONE, JOHN HENRY?"**

**RIISING SOCIAL INEQUALITIES AND HEALTH DISPARITIES**

Sherman A. James is the Susan B. King Professor of Public Policy at the Sanford School of Public Policy, Duke University. Prior to joining Duke University, he taught in the epidemiology departments at the University of North Carolina-Chapel Hill (1973-89) and at the University of Michigan (1989-03). At Michigan, he was the John P. Kirscht Collegiate Professor of Public Health, the Founding Director of the Center for Research on Ethnicity, Culture and Health (CRECH), and a Senior Research Scientist in the Survey Research Center at the Institute for Social Research. Dr. James' research focuses on the social determinants of racial and ethnic health inequalities and community-based and public policy interventions designed to minimize, and ultimately eliminate, these inequalities.

Dr. James was elected to the Institute of Medicine of the National Academy of Sciences in 2000. In 2001, he received the Abraham Lilienfeld Award from the Epidemiology section of the American Public Health Association for career excellence in the teaching of epidemiology. He is a fellow of the American Epidemiological Society, the American College of Epidemiology, the American Heart Association, and the Academy of Behavioral Medicine Research. In 2007-08, he was elected president of the Society for Epidemiologic Research (SER), the largest organization of its kind in the world. A social epidemiologist, James received his PhD (Social Psychology) from Washington University in St. Louis

### **ABRAHAM LILIENFELD STUDENT AWARD WINNER**

**HENRIK SALJE**

*Johns Hopkins Bloomberg School of Public Health*

**"REVEALING THE MICRO-SCALE SPATIAL SIGNATURE OF DENGUE TRANSMISSION  
AND IMMUNITY IN AN URBAN POPULATION"**

Henrik Salje, PhD Program, Johns Hopkins Bloomberg School of Public Health, is the recipient of the 2012 Abraham Lilienfeld Student Prize. The prize was established by SER to honor Dr. Abraham Lilienfeld, a beloved teacher and influential scholar. The Lilienfeld Prize recognizes "excellence in student research" and reflects SER's ongoing commitment to the support and encouragement of students. The prize includes travel, meeting expenses, and an honorarium award of \$1,000. Salje was also the Spring 2011 Grant Winner for the Global Health Field Research Award.

## SER EXECUTIVE COMMITTEE MEMBERS

- **President**

**Polly Marchbanks**

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- **Bernard Harlow (2013)**

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- **Secretary-Treasurer**

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- **Andrew Olshan (2012)**

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- **Student Committee President**

**Stella Aslibekyan (2012)**

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Providence, RI 02903  
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- **Student Committee President-Elect**

**Rena Jones (2013)**

University at Albany, SUNY  
New York State Dept of Health  
547 River Street, Room 200  
Troy, NY 12180  
rrj01@health.state.ny.us

## SER MEETING SITE HISTORY

1968	Washington, DC	1984	Houston	2000	Seattle
1969	Chapel Hill	1985	Chapel Hill	2001	Toronto
1970	Minneapolis	1986	Pittsburgh		(Congress)
1971	Atlanta	1987	Amherst	2002	Palm Desert
1972	Houston	1988	Vancouver	2003	Atlanta
1973	Winnipeg	1989	Birmingham	2004	Salt Lake City
1974	Berkeley	1990	Snowbird	2005	Toronto
1975	Albany	1991	Buffalo	2006	Seattle
1976	Toronto	1992	Minneapolis		(Congress)
1977	Seattle	1993	Keystone	2007	Boston
1978	Iowa City	1994	Miami	2008	Chicago
1979	Yale/New Haven	1995	Snowbird	2009	Anaheim
1980	Minneapolis	1996	Boston	2010	Seattle
1981	Snowbird	1997	Edmonton	2011	Montreal
1982	Cincinnati	1998	Chicago		(Congress)
1983	Winnipeg	1999	Baltimore	<b>2012</b>	<b>Minneapolis</b>



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Stay for the FUN

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Hosted by the University of South Carolina's Arnold School of Public Health  
and the Department of Epidemiology & Biostatistics.

### INAUGURAL

#### EARLY STAGE INVESTIGATORS SESSION

Join us Thursday, June 28th from  
12:15 - 1:15pm in Nicollet A/B for  
our inaugural ESI Session

Our first session will be  
"Time Management" presented by  
Dr. David A Savitz

Following the presentation, we want  
to hear from you. Help us structure  
SER's ESI program to cater to your  
interests and needs. Helping ESI's  
grow and meet career goals is a  
critical mission of SER; and we as a  
society are well positioned to use our  
membership, annual meeting, and  
other resources to play a significant  
role in facilitating this effort.

## **PARTICIPATING EXHIBITORS**

We would like to give a special thank you to the following exhibitors for supporting the Society for Epidemiologic Research Meeting.

### **Cryo Bio System**

David Lewandowski  
11725 North 95th Ave  
Maple Grove, MN 55360  
Phone: 763-496-1881  
email: dlewandowski@imvusa.com

### **Medica Research Institute**

Mail Route CW 295  
301 Carlson Parkway  
Minnetonka, MN 55305  
researchinstitute@medica.com  
Phone: 952-992-2900  
www.medicaresearchinstitute.org

### **The Division of Epidemiology and Community Health (EpiCH)**

School of Public Health,  
University of Minnesota  
Henry Blackburn, MD  
1300 South Second Street, Suite 300  
Minneapolis, MN 55454  
Phone 612 626 9396  
email: black002@umn.edu  
<http://www.epi.umn.edu/cvdepi/index.html>

### **National Cancer Institute Division of Cancer Epidemiology and Genetics**

Kristin Kiser, MHA, MS  
Fellowship Coordinator  
6120 Executive Blvd, MSC 7242  
Bethesda, MD 20892  
Phone: 301-594-3005  
<http://dceg.cancer.gov/>

### **Epidemiology and Genomics Research Program, DCCPS, NCI**

Vidya Vedham  
6130 Executive Blvd, Suite 5000  
Rockville, MD 20852  
Phone: 301-435-4906  
Fax: 301-435-6609  
email: kaeferc@mail.nih.gov

### **North America: Journals Marketing Oxford University Press**

2001 Evans Road  
Cary NC 27513, USA  
Phone: 919 677 0977  
Fax: 919 677 1714  
email: jnlorders@oxfordjournals.org  
www.oup.com/us

# Symposia 2012

Symposia provides the opportunity to hear the experts express opposing views. Here are this year's organizers and the topics they will be presenting.

- **A Case of Fraud: Implications for Epidemiologic Research**  
*Michel A Ibrahim*
- **Advances in Nutrition and Chronic Disease: Interactions Among Diet, Lifestyle, and Genetic Factors**  
*Mark A Pereira*
- **Bayesian Epidemiology: In Practice**  
*Ghassan Hamra*
- **Complex Systems Dynamic Modeling Approaches to Population Health: Promise for a Cells-to-Society Analytic Approach?**  
*George A Kaplan*
- **Effect Decomposition: The Lost Epidemiologic Analysis**  
*Chanelle J Howe and Whitney R Robinson*
- **Foodborne Disease Epidemiology: Growing Importance and Neglected Opportunities**  
*Michael T Osterholm*
- **Measuring Challenging Populations: Is There a Need for Methodological Innovation?**  
*Justin Lessler and Sufia Dadabhai*
- **Mendelian Randomization in Epidemiology: Methodological Challenges and Progress**  
*Brandon Pierce and M Maria Glymour*
- **Menopausal Hormone Therapy and Women's Health: For Which Women are Hormones Advisable?**  
*Britton Trabert*
- **Methods for Prediction of Risk: Examples from CVD Epidemiology**  
*Aaron Folsom*
- **Spillover Effects in Epidemiologic Research**  
*Tyler VanderWeele*
- **Teaching Epidemiologic Methods**  
*Richard MacLehose and George Maldonado*
- **The Changing Face of Epidemiology: "Big Epidemiology" to "Colossal Epidemiology": When All Eggs Are in One Basket**  
*Miguel Hernán and David Savitz*
- **The Use of a Complex Systems Approach in Epidemiologic Research: If and When it's Worth it**  
*Geetanjali Datta and Magdalena Cerda*
- **Toward an Epidemiology of Global Mental Health**  
*Ezra Susser*



## GENERAL INFORMATION

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### Assistance for Participants

The staff of the Society for Epidemiologic Research is available to provide assistance or information at any time during the meeting. Questions should be directed to staff members who can be found at the registration desk located in the Nicollet Ballroom Foyer.

### Badges

Please wear your SER identification badge to all meetings and functions. This is the most convenient way to identify one another and aids in the ease for conference organizers to assist you.

### Message Board

A message board will be located in the Nicollet Ballroom Foyer. You may use the message board to communicate with other meeting attendees.

### Information for Oral Presenters

Each meeting room will be equipped with a screen, an LCD projector and a microphone. A room monitor will be available in the meeting room if you require assistance. A laptop computer is available if presenters need to check their presentations. Check with registration desk.

### Brown-Bag Roundtables (bring your own lunch)

The meeting in Minneapolis will feature lunch-time roundtables. Sessions include a discussion leader, ten lucky ticket holders, and a topic of mutual interest. Participants spend one hour in conversation with an expert getting to know colleagues' views of timely, scientific, ethical, professional, and (especially) controversial topics. Tickets will be available starting Wednesday, June 27th at 5:00 pm at the Conference Registration desk.

#### THURSDAY, 12:15 – 1:15 PM

- **Michel Ibrahim**, Johns Hopkins: "Epidemiology and Policy"
- **Allen Wilcox**, NIEHS: "Unanswered Questions in Reproductive Epidemiology"
- **Ward Cates**, FHI 360: "Epidemiology and HIV Prevention Program Science: Are the Two Compatible?"
- **Irva Hertz-Picciotto**, UC Davis, "State of the Science on Etiology of Autism: What Epidemiology and Our Methods Can Offer the Field"

#### FRIDAY, 12:15 – 1:15 PM

- **Jim Pankow**, University of Minnesota: "Will New Genomic Discoveries Translate into Public Health Benefits?"
- **Noel Weiss**, University of Washington: "The Role of Nonrandomized Studies in the Evaluation of the Efficacy of Screening for Cancer"
- **David Savitz**, Brown University: "Environmental Exposures and Reproductive Health"
- **Michael Oakes**, University of Minnesota: "Identification Problems in Social Epidemiology"
- **Ghassan Oakes and Steve Cole**, University of North Carolina: "Implementing Bayesian methods in Epidemiology"

## Poster Sessions

Posters will be the primary venue for presentation of the annual meeting's highest quality research findings and methods. Posters will be hung the night before each session and will be on display for approximately 24 hours. A panel of judges will select the three best posters from each session. Plus, each poster session will have one out-standing student prize. Poster winners will be recognized publicly at the end of each session at which time prizes will be awarded. Judges will comment on each of the winning posters at the awards/presentations. See you there!

### Poster Session 1

Wednesday, June 27- 7:30 - 8:30 pm

Setup: after 5:00 pm on Wednesday

Takedown: by 11:00 am on Thursday

Prizes announced: Thursday, June 28, 10:00 - 10:30 am (morning break)

### Poster Session 2

Thursday, June 28 - 5:00 - 6:00 pm

Setup: after 2:00 pm on Thursday

Takedown: by 11:00 am on Friday

Prizes announced: Friday, June 29, 10:00 - 10:30 am (morning break)

### Poster Session 3

Friday, June 29 - 5:00 - 6:00 pm

Setup: after 2:00 pm on Friday

Takedown: by noon, Saturday

Prizes announced: Saturday, June 30, 10:00 - 10:30 am (morning break)

## Assistance for Hotel Guests with Special Needs/ADA

The Hyatt Regency meets or exceeds all requirements for the Americans with Disabilities Act. Hotel facilities including, but not limited to, meeting space, restrooms, dining areas, common areas and sufficient guest rooms are reasonably accessible and usable by persons with special needs.

## SER Membership Information

Questions regarding SER membership can be directed to the SER table found in the Nicollet Ballroom Lobby or to Jacqueline Brakey at the registration desk. For additional information about membership, either go to [www.epiresearch.org](http://www.epiresearch.org) or call 801-525-0231.

## Alumni Reunions

Friday has been set aside for receptions for faculty, alumni, and students from various universities. Check the message board for announcements from your university.

## First Annual Student Dissertation Workshop Reunion

All participants, faculty contributors, and SER Presidents over the past 35 years are invited to attend. Please RSVP at the Registration Desk if you are able to join us Thursday, June 28th beginning at 7:00 pm

## **SER Student and Post-Doc Committee Programs**

### **Breakfast with the Experts** (by ticket only)

Studies show that eating breakfast is essential to good health--and ours is served with a hearty side of epidemiologic methods! Join us for informal round-table discussions with the top methodology experts. These sessions are free to meeting participants. However, advanced ticketing is required. Tickets will be available Wednesday, June 27 at the registration desk, beginning at 5:00 pm and will be given on a first come, first-served basis.

#### **Thursday, June 28, 7:00 - 8:00 am**

- Lisa Bodnar (Pittsburgh)
- Magdalena Cerda (Columbia)
- Miguel Hernán (Harvard)
- David Savitz (Brown)
- Eric Tchetgen Tchetgen (Harvard)

#### **Friday, June 29, 7:30 - 8:30 am**

- Aaron Folsom (Minnesota)
- Chanelle Howe (Harvard)
- Rich MacLehose (Minnesota)
- Tyler VanderWeele (Harvard)
- Daniel Westreich (Duke)

### **SER SPC Brown-Bag Sessions**

(bring your own lunch)

#### **Thursday, June 28, 12:15 – 1:15 pm**

**Nicollet A/B**

### **Early Stage Investigators**

Join us for our inaugural ESI Session. We will begin with "Time Management" from Dr. David A. Savitz. Following the presentation, we want to hear from you. Help us structure SER's ESI program to cater to your interests and needs. Helping ESI's grow and meet career goals is a critical mission of SER. We as a society are well positioned to use our membership, annual meeting, and other resources to play a significant role in facilitating this effort.

**Friday, June 29, 12:15 - 1:15 pm**  
**Greenway H/I**

**Life of Post-Docs and Junior Faculty**

Join our panel of post-docs and early-career investigators for a candid question-and-answer session on how to land your dream fellowship and then a faculty position, balance academic work and life, work in a different country, and many other aspects of life on the "other side" of the PhD degree.

Panelists: Chair: Rena Jones (SUNY)  
Stella Aslibekyan (University of Alabama at Birmingham)  
Kerry Keyes (Columbia)  
Jenny Lund (Aarhus University, Denmark)  
Whitney Robinson (UNC)

**Guided Poster Tours** (by ticket only)

What makes a poster effective? Is the classic blue background/ yellow font combination the way to go? Should a poster have a reference section? Using actual SER posters as examples, our guides will lead discussions on what makes poster presentations persuasive, eye-catching, and enjoyable. These sessions are free to meeting participants. However, advanced ticketing is required and a limited number of tickets are available for each tour guide. Tickets will be available Wednesday, June 27 at the registration desk, beginning at 5:00 pm and will be given on a first come, first-served basis.

**Thursday, June 28, 5:30pm- 6:30pm**

- Maria Glymour (Harvard School of Public Health)
- Enrique Schisterman (NIEHS)
- Noel Weiss (University of Washington)
- Lauren Wise (Boston University)

**Friday, June 29, 5:30pm- 6:30pm**

- Christy Porucznik (University of Utah)
- Roland Thorpe (Johns Hopkins School of Public Health)
- Ruby Nguyen (University of Minnesota)
- Polly Newcomb (Fred Hutchinson Cancer Research Center)

**SER Student Post-Doc Committee Member Business Meeting and Raffle Drawing**

**Saturday, June 30, 8:00 - 9:00 am**  
Greenway Ballroom J

This is the annual business meeting of the Society for Epidemiologic Research Students and Post-Doc Committee. Please join us for an annual report and a discussion of goals for next year. Anyone is welcome to attend this meeting. If you are interested in learning more about SER-SPC and what we do, join us for this meeting. **Don't Miss Out! Prizes will be raffled at the Business Meeting.**

**ASSISTANT, ASSOCIATE AND FULL PROFESSORS  
DIVISION OF EPIDEMIOLOGY & COMMUNITY HEALTH  
University of Minnesota**

The Division of Epidemiology and Community Health (EpiCH), School of Public Health, University of Minnesota (<http://www.sph.umn.edu/epi>) seeks applicants for multiple full-time tenure-track or tenured faculty positions. Brief descriptions are listed below, including links to complete job descriptions and application instructions. Please also note that during SER, you may contact Dr. Bernard Harlow ([harlow@umn.edu](mailto:harlow@umn.edu)) to schedule a time to discuss any of these positions.

The Division of Epidemiology and Community Health provides a rich and collaborative environment for the investigation of the etiology prevention, and control of chronic and infectious diseases. It has 50 primary faculty members who bring in approximately \$30 million annually in sponsored research grants, and an additional 80+ adjunct faculty. We offer MPH degrees in Community Health Promotion, Maternal/Child Health, and Public Health Nutrition, MPH and PhD degrees in Epidemiology, and an MS in Clinical Research.

- **Infectious Disease Epidemiology:** Full-time tenure-track Assistant Professor, tenure-track or tenured Associate Professor, or tenured Full Professor with research expertise in infectious diseases to join a growing research and teaching program in infectious disease epidemiology. To apply for the tenure-track position, follow this link: <http://employment.umn.edu/applicants/Central?quickFind=93685>; reference req. #171027. To apply for the tenured position, follow this link: <http://employment.umn.edu/applicants/Central?quickFind=93690>; reference req. #171030.
- **Cancer Etiology/Prevention** (joint recruitment with the University of Minnesota Masonic Cancer Center): Multiple full-time positions at the rank of tenure-track Assistant Professor, tenure-track or tenured Associate Professor, or tenured Full Professor to participate in and lead growing programs in research and teaching in the area of cancer etiology and prevention. The tenure home is in EpiCH in the School of Public Health. These appointments provide outstanding opportunities for research and teaching collaboration across a broad range of disciplines. The University of Minnesota Masonic Cancer Center (<http://www.cancer.umn.edu>) is an NCI-designated Comprehensive Cancer Center, which includes a large active program in Prevention/Etiology, Cancer Detection, Treatment and Survivorship, and Carcinogenesis/Chemoprevention with NIH grants totaling over \$41 million annually in these programs alone. The Masonic Cancer Center offers opportunities for leadership roles and active collaborations in multiple aspects of cancer including prevention, cancer etiology, early detection, biology, and genetics. To apply for the tenure-track positions, follow this link: <http://employment.umn.edu/applicants/Central?quickFind=101826>; reference req. #177206. To apply for the tenured positions, follow this link: <http://employment.umn.edu/applicants/Central?quickFind=101827>; reference req. #177207.
- **Tobacco Use Prevention:** Full-time tenure track Assistant Professor or tenure-track or tenured Associate Professor for research and teaching in environmental (social, policy) approaches to tobacco use prevention. The primary content area of expertise sought is research in policy, communication or regulatory approaches to tobacco use prevention. To apply for the tenure-track position, follow this link: <http://employment.umn.edu/applicants/Central?quickFind=102009>; reference req. #177350. To apply for the tenured position, follow this link: <http://employment.umn.edu/applicants/Central?quickFind=102010>; reference req. #177351.
- **Behavior-Based Prevention/Health Promotion:** Full-time tenure-track Assistant Professor or tenure-track or tenured Associate Professor for research and teaching in behavior-based prevention and health promotion. Areas of research in which collaboration is likely (though not limited to) includes the HIV/STI Intervention and Prevention Studies (HIPS) program; alcohol epidemiology, prevention and policy research; smoking prevention, cessation and policy research; and obesity prevention and intervention programs. To apply for the tenure-track position, follow this link: <http://employment.umn.edu/applicants/Central?quickFind=103442>; reference req. #178472. To apply for the tenured position, follow this link: <http://employment.umn.edu/applicants/Central?quickFind=103446>; reference req. #178473.
- **Public Health Nutrition:** Full-time tenure-track Assistant Professor, tenure-track or tenured Associate Professor, or tenured Full Professor to participate in research and teaching in the area of public health nutrition. This appointment provides an outstanding opportunity for transdisciplinary research and teaching collaboration across a broad range of disciplines. To apply for the tenure-track position, follow this link: <http://employment.umn.edu/applicants/Central?quickFind=103438>; reference req. #178469. To apply for the tenured position, follow this link: <http://employment.umn.edu/applicants/Central?quickFind=103440>; reference req. #178470.
- **Social Epidemiology/Health Demography** (joint recruitment with the University of Minnesota Population Center (MPC): Full-time tenure-track Assistant Professor, or tenure-track or tenured Associate Professor, with interests in social epidemiology and interdisciplinary population health research. We seek a social epidemiologist or health demographer who can actively contribute to the research and training missions of both EpiCH and MPC. The tenure home is in EpiCH in the School of Public Health. Researchers in MPC and EpiCH have long had collaborative research relationships. The MPC (<http://www.pop.umn.edu>) is a University-wide interdisciplinary cooperative for demographic research. With core support from NICHD, it provides shared infrastructure for demographic research and training and coordinate collaborative research across the University. The MPC houses numerous substantive, interdisciplinary research projects on population, health, the environment, and related issues. To apply for the tenure-track position, follow this link: <http://employment.umn.edu/applicants/Central?quickFind=103411>; reference req. #178451. To apply for the tenured position, follow this link: <http://employment.umn.edu/applicants/Central?quickFind=103416>; reference req. #178453.

All salaries are competitive and commensurate with experience and qualifications. Rank and tenure of appointment will depend on level of accomplishment based on specific requirements.

*The University of Minnesota is an equal opportunity educator and employer.*

# Vanderbilt University seeks Research Assistant Professor, Epidemiology and Outcomes Research

The Vanderbilt Department of Otolaryngology, a part of the Vanderbilt Bill Wilkerson Center and Vanderbilt University School of Medicine, seeks a qualified candidate for a full time position as Research Assistant Professor in Outcomes and Epidemiology in Nashville, Tennessee. This position initially will be a non-tenure track position with the expectation of transfer to tenure track position once sufficient extramural funding has been achieved.

This position will have the responsibility of establishing and leading the department in human communications outcomes research to evaluate patients who require Otolaryngology care for communication disorders, to determine the epidemiological impact of related disorders, to analyze effectiveness and safety of treatment and to evaluate outcomes, toxicities, quality of

life, economics and health care delivery in this population. The successful candidate ideally should have a particular interest and experience in comparative effectiveness research.

#### Key Responsibilities:

- Establish and lead an independent outcome research program
- Obtain extramural funding for communication outcomes research
- Drive collaborative translational studies
- Work with the Otolaryngology Outcomes Research Group in developing outcome and epidemiology research within the Department
- Collaborate with the Vanderbilt Center for Surgical Quality and Outcomes Research and bridge the Department of Otolaryngology and the Vanderbilt Institute for Medicine and Public Health

#### Qualifications:

- Graduate PhD, ScD or equivalent degree in Public Health, Clinical Epidemiology, or Health Service Research.
- Candidates should have demonstrated excellence in research and productivity in publications.
- Substantial experience in the use of databases and data quality management, study design and analysis, cohort recruitment and retention, study implementation, and biospecimen management.
- Considerable experience in study design and conduct of clinical and observational studies is essential.
- First-hand experience building research infrastructure and resources as a part of a research strategic plan is highly valued.

Please submit a CV and letter of interest to: [Molly.breen@vanderbilt.edu](mailto:Molly.breen@vanderbilt.edu) or Molly Breen, c/o office of Roland D. Eavey, MD, SM, Director, Vanderbilt Bill Wilkerson Center for Otolaryngology and Communication Sciences, Chair, Department of Otolaryngology, Medical Center East, Suite 6310, 1215 21st Ave South, Nashville, TN 37232-8605



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