Committee on Energy and Commerce

U.S. House of Representatives
Witness Disclosure Requirement - "Truth in Testimony"
Required by House Rule XI, Clause 2(g)(5)

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|---|---|-----|----|
| 1. Your Name: | Richard To Benow MD/PhD | | |
| 2. Your Title: Assoc Med Director Med to WAC / AHA Whenter | | | |
| 3. The Entity(ies) You are Representing: HWHC / AHA | | | |
| 4. Are you testify government en | ing on behalf of the Federal, or a State or local tity? | Yes | No |
| 5. Please list any Federal grants or contracts, or contracts or payments originating with a foreign government, that you or the entity(ies) you represent have received on or after January 1, 2013. Only grants, contracts, or payments related to the subject matter of the hearing must be listed. | | | |
| 6. Please attach your curriculum vitae to your completed disclosure form. | | | |
| Signature: | Date: | 2/- | 15 |

CURRICULUM VITAE

PERSONAL INFORMATION: RICHARD THOMAS BENSON, MD/PhD

Home:

Work: Medstar Washington Hospital Center

Stroke Center

110 Irving Street, NW

EB-6126

Washington, DC 20010

(202) 877-3154

LICENSURE: New York

Maryland

District of Columbia

Virginia

CERTIFICATIONS: Diplomate of the American Board of Psychiatry and Neurology,

May 2002

Diplomate of the American Board of Psychiatry and Neurology,

re-certified May 2012

EDUCATION:

College/university Fisk University, Nashville, TN

(BS) Chemistry, 1986

Meharry Medical College, Nashville, TN

(MD/PHD)Physiology,1994

(The Relationship Between Excessive S-Adenosyl Methionine (SAM) Dependent Methylation and Parkinson's Disease).

Columbia University

Mailman School of Public Health, New York, NY

(MS) Epidemiology, 2001

Traineeship: July 1994 – June 1995

St. Elizabeth's Medical Center, Boston, MA

Internal Medicine Internship

July 1995 – June 1998

Harvard Longwood Neurology, Boston, MA

Neurology Residency Dr. Martin Samuels

July 1998 – June 2000

Columbia-Presbyterian Medical Center,

New York, NY Stroke Fellowship Dr. Ralph Sacco

Professional Experience:

July 2000 – November 2002

Long Island Jewish Medical Center,

New Hyde Park, New York Attending Neurologist

December 2002 – September 2004

St. Luke's-Roosevelt Hospital Center

New York, NY

Attending Neurologist

April 2005 – March 2008

Washington Hospital Center

Washington, DC Stroke Neurologist

April 2005 – March 2008 **Suburban Hospital** Bethesda, MD Stroke Neurologist

April 2005 - March 2008

National Institutes of Health

Clinical Center Bethesda, MD Stroke Neurologist

October 2004 – March 2008 National Institutes of Health

National Institute of Neurological Disorders and Stroke, Office of

Minority Health and Research

Program Director

March 2008 - April 2010

Alexandria Fairfax Neurology, PC

June 2008 – Present

Virginia Commonwealth University, INOVA campus

Assistant Professor

June 2008 – April 2010

Inova Alexandria Hospital

Alexandria, VA

June 2008 - Present

Inova Fairfax Hospital

Fairfax, VA

April 2010 – Present

NIH Stroke Program @ Medstar Washington Hospital Center

Associate Director of Stroke Washington, DC

April 2013 – Present Georgetown University Medical Center Washington, DC

May 2013 – Present Associate Professor of Clinical Neurology Georgetown University Medical Center

Honors and Awards:

1984-86 Minority Access to Research Careers (MARC) Program, NIH Sponsored Training Grant Fisk University, Nashville, TN.

1986 Cum Laude graduate, Fisk University, Nashville, TN.

1986 National Institute of Allergies and Infectious Diseases (NIAID) Biomedical Science Summer Program. Bethesda, MD.

1987-89 Medical Scholars Program. Meharry Medical College, Nashville, TN.

1989-90 Minority Biomedical Research support (MBRS) program NIH Sponsored Research Grant. Meharry Medical College. Nashville, TN.

1991-94 Minority Access to Research Careers (MARC) Predoctoral Fellowship. NIH Sponsored Training Grant. Meharry Medical College. Nashville, TN.

1994 Hoescht Marion Roussel Scholars of the American Academy of Neurology

1999-00 Columbia Center for the Active Life of Minority Elders (CALME), Columbia University Institutional Grant Columbia-Presbyterian Medical Center, New York, New York

2009 VCU-Inova Campus Neurology Teacher of the year award

2012 MedStar Washington Hospital Center Nurses' Choice Physician Collaboration award Critical Care/Neuro Services

2012 Congressional Black Caucus 42nd Annual Legislative Conference Health and Wellness Key note speaker. Washington, DC

2012 Meharry Medical College, Dr. Harold D. West, Distinguished Biomedical Scientist Alumni Award. Nashville, TN PROFESSIONAL SOCIETIES: American Heart and Stroke Association (AHSA)

National Medical Association (NMA) American Medical Association (AMA) Alpha Omega Alpha Honor Society (AOA) American Academy of Neurology (AAN)

International Society for Hypertension in Blacks (ISHIB)

PUBLIC SERVICE: 2000-04 Biomedical Research Alliance of New York (BRANY)

IRB Member New York, NY

2000-04 Director of Stroke Community Outreach Program,

St. Luke's/Roosevelt Hospital Center, New York,

New York

"Emergency Medicine" Oral abstract session moderator.

International Stroke Conference Annual Meeting,

Los Angeles, CA February 9 – 11, 2011.

INVITED LECTURES: Medstar Washington Hospital Center, Pfizer Education

Symposium speaker: "Stroke Overiew". Washington, DC

November 6, 2013.

Washington, DC Veterans Affairs Hospital, Department of Neurology Grand Round speaker: "Stroke Overview".

Washington, DC October 30, 2013.

DELMARVA Foundation DC Invited speaker: "Living Life Golden in the District: Get to Goal Washington, DC (GWR). Washington, DC June 12, 2013.

Game Changers: Social Workers Leading the Future: "Health Disparities". Washington, DC, February 28, 2013.

Medstar Washington Hospital Center, Department of Medicine Grand Round Speaker: "Overview of Stroke". Washington, DC August 23, 2013.

Georgetown University School of Medicine, Combined Emergency Medicine-Internal Medicine Grand Round speaker: "Stroke and Stroke Mimics". Washington, DC, October 13, 2006

Morehouse College, invited speaker: "Biomedical Research: An Interface between Medicine and Research". Atlanta, Georgia, October 18, 2006.

22nd Annual International Interdisciplinary Conferene on Hypertension and Related Risk Factors in Ethnic Minority Populations: "Primary and Seconday Stroke Prevention". Orlando, FL, June 21 – 24, 2007.

2007 Annual Convention & Scientific Assembly of the National Medical Association: "Understanding and Eliminating Disparities in Stroke: Fact or Fiction". Honolulu, HI, August 4 – 9, 2007.

2008 Fisk University Biomedical Science Symposium: "Eliminating Disparities in Stroke". Nashville, TN April 3, 2008.

2008 Inova Fairfax Hospital Internal Medicine Grand Rounds: "Acute Stroke Management". Fairfax, VA. July 2008.

2009 Inova Fairfax Hospital Internal Medicine Grand Rounds: "Neurological Emergencies". Fairfax, VA. July 2009.

2010 Annual convention of the International Society for Hypertension in Blacks "ISHIB". "Secondary Stroke Prevention Strategies". Washington, DC. July 2010.

UNVERSITY SERVICES:

2000-04 Biomedical Research Alliance of New York (BRANY)

IRB Member New York, NY

2000-04 Director of Stroke Community Outreach Program, St. Luke's/Roosevelt Hospital Center, New York, New York

2003-04 Interim-Director of Stroke Center, St. Luke's/Roosevelt Hospital Center, New York, New York

2008-2010 VCU-Inova campus Neurology Medical Student Clerkship Director

TEACHING ACTIVITIES:

NIH Stroke Program @ MWHC Attending Physician with NIH Stroke Fellows March 2010 - Present

George Washington University School of Public Health Course: "Community Based Participatory Research" Guest lecturer November 22, 2011

George Washington University School of Public Health Course: "Community Based Participator Research" Guest lecturer November 13, 2012

Georgetown University School of Medicine Preceptor: "Ambulatory Care" Course January 2013 - Present

National Capital Consortium (Walter Reed) Neurology Residency Program Medstar Washington Hospital Center Rotation Program Director July 2013 - Present

SCHOLARSHIP AND RESEARCH:

A: Research Grants:

Merck Grant for Community Health Fair Columbia-Presbyterian Medical Center New York, NY Health Fair Organizer May 1999 Percent effort: 10% \$20,000.00

Star Foundation Research Grant for Community Outreach and Education in New York City
St. Luke's Roosevelt Hospitals
New York, NY
Program Director
December 2002 – September 2004
Percent effort: 30%
\$1 Million

NIH/National Institute of Neurological Disorders and Stroke
Office of Minority Health and Research
Bethesda, MD
Program Director
October 2004 – March 2008
Scientific, Administrative, and Financial Management of several multi-million dollar extra-mural grants and cooperative agreements related to health disparities research, stroke, and research related to minority health.
Percent effort: 70%
\$\$ Million

American Heart Association Greater Washington Region Heart 360 Get-To-Goal Project Director October 2012 – present Percent effort: 510% \$20,000.00

District of Columbia Depart of Health Cardiovascular Health Program Diabetes Prevention and Control Program Percent Salary Support: 0% \$15,000.00 Ongoing project

Protect DC Population Blinded Investigator NIH funded Ongoing project NIH Intramural Stroke Contract

@ Medstar Washington Hospital Center
Investigator
Ongoing project

B. Publications:

Editorial Reviews:

- 1. Hillen T et al. Underuse of Secondary Stroke Prevention in An Inner City Population, Stroke May 2000. Summary by **RT Benson** in Journal Watch Neurology May 2000.
- 2. Elkind MS et al. White Blood Cell Count, Carotid Plaque Thickness, and Race-Ethnicity, Stroke April 2001. Summary by **RT Benson** in Journal Watch Neurology August 2001.
- 3. Horner RD et al. Effects of Race and Poverty on Stroke Rehabilitation Outcome, Stroke April 2003. Summary by **RT Benson** in Journal Watch Neurology June 2003.
- 4. McGruder HF et al. Race/Ethnicity Is an Independent Risk Factor for Stroke, Stroke July 2004. Summary by **RT Benson** in Journal Watch Neurology October 2004.
- 5. Centers for Disease Control and Prevention. Racial/Ethnic and Socioeconomic Disparities in Multiple Risk Factors for Heart Disease and Stroke United States, 2003. MMWR February 2005. Summary by **RT Benson** in Journal Watch Neurology June 2005.

Published Abstracts:

- 1. Hamilton, J., **Benson, RT**., Mwiwa, S., and Evans, P.S.: The Effects of Sorbitol on the Pharmacological Action of Barbiturates in Mice. MBRS convention, New Orleans, LA, 1986.
- 2. Charlton, CG., Crowell, B., and **Benson, RT**.: Motor Neurons for Accessory Respiratory Muscles: Comparison with Phrenic and Non-Respiratory Neurons. 18th Annual Meeting Society for Neuroscience, Toronto, Ontario, CAN, Nov. 13-18, 1988.
- 3. Crowell, B., **Benson, RT**., and Charlton, C.G.: The Role of S-Adenosyl Methionine in Chronic L-Dopa Administration. 19th Annual Meeting Society for Neuroscience, Phoenix, AZ, Oct. 29 Nov. 3, 1989.
- 4. Charlton, C.G., Crowell, B. and **Benson, RT**.: The Relationship Between Excess S-Adenosyl Methionine (SAM) Dependent Methylation and Parkinson's Disease (PD). 20th Annual Meeting Society for Neuroscience, St. Louis, MO, Oct. 28 Nov. 2, 1990.
- 5.*Benson, RT., Clark, J., and Charlton, C.G.: Excessive Methylation and Parkinson's Disease: L-Dopa Effects. 20th Annual Meeting Society for Neuroscience, St. Louis, MO, Oct. 28 Nov. 2, 1990.
- 6.*Benson, RT., Doonquah, K, Hill, B., and Charlton, C.G.: The Induction of Methionine Adenosyl Transferase (MAT) and Catechol-O-Methyl Transferase (COMT) by L-Dopa: Dependence on Frequency and Duration. 21st Annual Meeting Society for Neuroscience, New Orleans, LA, Nov. 10 15, 1991.
- 7. *Benson, RT. and Charlton, C.G.: L-Dopa Effects on MAT and COMT: Relevance to PD Therapy. 22nd Annual Meeting Society for Neueroscince, Anaheim, CA, Oct. 25 30, 1992.
- 8. Charlton, C, **Benson**, **RT**, and Crowell, B, Jr.:S-Adenosyl-L-methionine (SAM)-Dependent Dopamine (DA) Metabolites in Parkinson's Disease (PD)-Like Abnormal Movements. 23rd Annual Meeting Society for Neuroscience, Washington, D.C., November 7 12, 1993.

- 9. Jacobs, BS, Sacco, RL, Liu, RC, Boden-Albala, B, **Benson, RT**, and Pablos-Mendez, A.: Lower dietary intake of vitamin B6 is associated with an increased risk of ischemic stroke. American Heart Association Annual Meeting, Nashville, TN, February 4 6, 1999.
- 10. *Benson, RT, Jacobs, B, Boden-Albala, B, Liu, RC, Borawski, JB, Rosengart, AJ, and Sacco, RL. Vitamin E intake: A primary preventive Measure in Stroke. 51St. Annual Meeting of the American Academy of Neurology, Toronto, Ontariao, CAN, April 18 23, 1999.
- 11.*Benson RT, Zarnegar R, Contractor Z, Libman RB, and Kanner R. The Prevalence and Significance of Post Stroke Pain. American Academy of Neurology, Dever, Colorado. April 13 20, 2002.
- 12. Labovitz, DL, Benjamin, K, Bhatti, MI, Nasrallah, EJ, and **Benson RT**. Predictors of Hospital Arrival within 3 hours of Stroke Onset. International Stroke Conference 2006 Annual Meeting, Kissimmee, Florida, February 16 18, 2006.
- 13. Heavy Alcohol Consumption: A Novel Predictor of Symptomatic Intracerebral Hemorrhage After IV t-PA? **Benson, R**, Hsia A, Pehlivanova M, Merino J, Latour L, Luby M, Song S, Lynch J, Ritter C, Katcheves A, Warach S. International Stroke Conference 2011 Annual Meeting, Los Angeles, CA, February 9 11, 2011.
- 14. Evaluation of Patients Treated with IV t-PA at Regional Stroke Centers vs. Community Hospitals: Is there Opportunity for a Wide Stroke Population to be Treated? Hsia A, **Benson R**, Pehlivanova M, Merino J, Latour L, Luby M, Lynch J, Ritter C, Katcheves A, Warach S. International Stroke Conference 2011 Annual Meeting, Los Angeles, CA, February 9 11, 2011.

Papers

- 1. Identification of Motor Neurons for Accessory Muscles of Inspiration and Expiration, Pectoralis, Trapezius and External Oblique: Comparison with Non-Respiratory Skeletal Muscle. Clivel G. Charlton, Bernard Crowell, Jr., and **Richard T. Benson**. Synapse 2:219-224 (1988).
- 2.*S-Adenosyl-L-methionine Decreases Motor Activity in the Rat: Similarity to Parkinson's Disease-like Symptoms. Bernard Crowell, Jr., **Richard Benson**, Dolores Shockley, and Clivel G. Charlton. Behavioral and Neural Biology 59:186-193 (1993).
- 3.*The effects of L-Dopa on the Activity of Methionine Adenosyl Transferase: Relevance to L-Dopa Therapy and Tolerance. **R. Benson**, B. Crowell, B. Hill, K. Doonquah and C.G. Charlton. Journal of Neurochemical Research 18:325-330(1993).
- 4. Late Intra-Arterial Thrombolysis. C. Stapf, R. Marshall, J. Mohr, H. Duong, J. Brunson, **R. Benson** and H. Mast. Eur J Med Res 5:1-4 (2000).
- 5. The protective effects of High Density Lipoprotein Cholesterol in Ishcemic Strokes: The Northern Manhattan Stroke Study. Sacco, RL. **Benson, RT.** Kargman, D. et al. JAMA, 285:21:2729-2735 (2001).
- 6. Deconstructing Health Disparities: It's not just about Race. **Benson**, **R** and Freeman. Neurology 79(2)117-8 (2012).
- 7. Merino JG, Luby M, **Benson RT**, Davis LA, et al. (2013) Predictors of Acute Stoke Mimics in 8187 Patients Referred to a Stroke Service. J Stroke Cerebrovasc Dis. 22:8:e397-e403 (November 2013).

Books

| 1. *Benson, RT. Sacco, RL.: Stroke Prevention: Hypertension, Diabetes, Tobacco, and Lipids. In Neuro Clinics. Morgens, L ed. 19:309-319 (2000). |
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