



**American Hospital  
Association**

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September 16, 2010

Gene Fullano  
Associate Bureau Chief  
Public Safety & Homeland Security Bureau  
Federal Communications Commission  
445 12th Street, SW  
Room 7-C738  
Washington, DC 20554

RE: *Emergency Response Interoperability Center Public Safety Advisory Committee  
Nominations*

Dear Mr. Fullano:

On behalf of our more than 5,000 member hospitals, health systems and other health care organizations and our nearly 40,000 individual members, the American Hospital Association (AHA) nominates John T. Collins for membership on the Federal Communications Commission's (FCC) Emergency Response Interoperability Center Public Safety Advisory Committee to represent the health care institution sector. Mr. Collins is the director of engineering and compliance for the American Society for Healthcare Engineering (ASHE), a professional membership group of the AHA. We are confident that he is well qualified to be an asset to the committee and its work.

Currently, Mr. Collins sits on the board of directors of the Public Safety Spectrum Trust as the AHA designate. He also serves as the ASHE representative for the position of FCC Frequency Coordinator of the Wireless Medical Telemetry Service. Mr. Collins has more than 30 years experience as a clinical engineer at Northwestern Memorial Hospital in Chicago and Advocate Health Care in Oak Brook, Illinois. He holds a master's degree in electrical engineering and has written and presented extensively on the topic of wireless communications in hospitals.

We have enclosed a copy of Mr. Collins' *curriculum vitae*. Given his technical knowledge and administrative experience, Mr. Collins is poised to make a valuable contribution to the Emergency Response Interoperability Center Public Safety Advisory Committee as the FCC seeks to ensure that the public safety wireless broadband network is interoperable on a nationwide basis.



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As requested, Mr. Collins' contact information is below:

Mr. John T. Collins, FASHE, HFDP  
Director, Engineering and Compliance  
American Society for Healthcare Engineering  
American Hospital Association  
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Chicago, IL 60606  
Email: [jcollins@aha.org](mailto:collins@aha.org)  
Phone: (312) 422-3805  
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Thank you for your thoughtful consideration of his nomination. If you have any questions, please contact me or Roslyne Schulman, director for policy development, at (202) 626-2273 or [rschulman@aha.org](mailto:rschulman@aha.org).

Sincerely,

Rick Pollack  
Executive Vice President

Enclosure

## Curriculum Vitae

John T. Collins

13610 Kishwaukee Valley Road

Woodstock, Illinois, 60098

## Education

Newark College of Engineering, Newark, New Jersey, B.S.E.E.

University of Rhode Island, Kingston, Rhode Island, M.S.B.M.E

## Professional Activities

Institute of Electrical and Electronic Engineers Engineering

Association for the Advancement of Medical Instrumentation

Midwest Biomedical Society (Charter member)

Advisory Board, Biomedical Electronics Program, Oakton Community College

American Society for Healthcare Engineering

American College of Clinical Engineering

National Fire Protection Association

## Offices

Midwest Biomedical Society Secretary 1979-1980

Midwest Biomedical Society President 1980-1981

Oakton Community College Biomedical Electronics Program Advisory Board, Chairman 1984-1986

Medical Technology Management Committee, Member 1993-1997, American Society of Healthcare Engineering, AHA

## Positions

Peace Corps Zaria, Nigeria, 1965-1968

Biomedical Engineer, Northwestern Memorial Hospital, 1970-1988

Manager, Biomedical Engineering, NMH, 1988-1993

Senior Clinical Engineer, NMH, 1993-1997

Senior Clinical Engineer, Advocate HealthCare, 1998-2002

Director of Engineering & Compliance ASHE, 2002-present

## Awards

Achievement Honor Roll, New Jersey Institute of Technology, 1983

Biography in Who's Who in Frontiers of Science and Technology, 1985

Fellow Member American Society for Healthcare Engineering, 2008

## Publications

A Time Delay Model for Eye Tracking Movements, P.G. Hubbell & J.T. Collins, Proceedings of the 23<sup>rd</sup> Annual Conf. on Engineering in Medicine and Biology, p.322, 1970

Staging in Membrane Oxygenators, J.T. Collins, A.S. Palmer & L.R. Head, Proceedings of the 24th Annual Conf. on Engineering in Medicine and Biology, p.94, 1971

Small Tube Staged Oxygenators, J.T. Collins, A.S. Palmer & L.R. Head, Proceedings of the 25th Annual Conf. on Engineering in Medicine and Biology, p.12, 1972

An Implantable Artificial Lung, A.S. Palmer, J.T. Collins B. Bodell & L.R. Head, Surgical Forum, pp.27-28, Vol.XXIII, 1972

The Effects of Varying Design Parameters of Tubular Oxygenators with a Fixed Surface Area, J.T. Collins, A.S. Palmer & L.R. Head, Proceedings of the 8<sup>th</sup> Annual meeting of Association for the Advancement of Medical Instrumentation, p.73, 1973

Bioengineering Problems in the Design of an Implantable Lung, J.T. Collins, A.S. Palmer & L.R. Head, Proceedings of the Tenth Annual Rocky Mountain Bioengineering Symposium, pp.117-121, 1973

Development of an Implantable Artificial Lung, A.S. Palmer, J.T. Collins & L.R. Head, J. of Thoracic and Cardiovascular Surgery, pp.521-525, Vol. 66, 1973

The Effects of Tube Size on Operating Characteristics of Tube Oxygenators, J.T. Collins, A.S. Palmer & L.R. Head' Proceedings of the 26th Annual Conf. On Engineering in Medicine and Biology, p.139, 1973

A Graphic Method for Bedside Estimation of Pulmonary Arteriovenous Shunting, J.T. Collins, A.S. Palmer & L.R. & Obstetrics, Vol 136, pp.629-631, 1973

Staging in Tubular Oxygenators-Experimental Results, J.T. Collins, A, S. Palmer & L.R. Head, Annals of Biomedical Engineering, I, pp.316-323, 1-73

Enhancement of Oxygen Transfer in the Implantable Artificial Lung, J.T. Collins, A.S. Palmer & L.R. Head, Proceedings of the 9th Annual meeting of the Association for the Advancement of Medical Instrumentation, p.65, 1974

Left Ventricular Parameters from Echocardiograms Using a Desk-Top Computer, J.T. Collins, T. Heller, J.E. Shapiro, V. Barresi & S. Meyers, Proceedings of the 27th. Annual Conf. on Engineering in Medicine and Biology, p.266, 1974

Preoperative Evaluation of Left Ventricular Function Using Echocardiography, J.T. Collins, A.S. Palmer, T. Heller, J.E. Shapiro, V. Barresi, P. Peters, & S. Meyers, Digest of the 11th Int. Conf. on Medical and Biological Engineering, pp.172-173, 1976

Effects of Pump Timing on Ventricular & Load Power During Intra-aortic Balloon Counterpulsation, J.T. Collins, A.S. Palmer, & A. De Boer, Proceedings of the Fourth New England Bioengineering Conference, pp.213-216, 1976

Fourier Analysis of Doppler-Shift Arterial Flow Signals, J.T. Collins, B. van Bellen, R.H. Dean, J.J. Bergan & J.S.T. Yao, Proceedings of the 29th Annual Conf. On Engineering in Medicine and Biology, p.71, 1976

Changes in Left Ventricular Function Evaluated From Echocardiography, J.T. Collins, A.S. Palmer, V. Barresi

& S.N. Meyers, Digest of the First Mediterranean Conf. on Medical & Biological Engineering, pp.15.5-15.8, 1977

A Simple Noninvasive Method For the Assessment of Lower Extremity Venous Function, J.T. Collins, H. Abramowitz, L. Queral, W.R. Flinn & J.S.T. Yao, Proceedings of the 14th Annual Meeting of Association for the Advancement of Medical Instrumentation, p.46, 1979

The Doppler Spectrum Analyzer, J.T. Collins, W.R. Flinn, L.A. Queral, & J.S.T. Yao, Digest of the 12th International Conf. on Medical & Biological Engineering, pp.28.4-28.5, 1979

A Graphic Computer in the Vascular Laboratory, J.T. Collins, C.S. O'Mara, J.J. Bergan & J.S.T. Yao, Proceedings of the 33rd Annual Conf. on Engineering in Medicine and Biology, p.193, 1980

Use of a Desk Top Computer in the Vascular Lab, J.T. Collins, C.S. O'Mara, W. R. Flinn, J. J. Bergan & J. . . S.T. Yao, Digest of the Second Mediterranean Conference on Medical & Biological Engineering, p.173, 1980

A Noninvasive Method for Assessing Lower Extremity Venous Function, J.T. Collins, W.R. Flinn, L.A. Queral, H. B. Abramowitz & J.S.T. Yao, Medical Instrumentation, Vol.14, pp.268-269, 1980

Current Status of Intra-aortic Balloon Pumping, A.J. Roberts, J.M. Moran, T.E. Murphy, A. Palmer, J.T. Collins, J.H. Sanders, & L.L. Michaelis, in Surgery for Complications on Myocardial Infarction. J.M. Moran & L.L. Michaelis (ed): New York, Grune & Stratton, 1980, pp. 379-402

Automation of Echocardiogram Reports, J T. Collins, J. V. Talano & S. N. Meyers, Proceedings of the 16th Annual Meeting of Association for the Advancement of Medical Instrumentation, p.22, 1981

A Graphic Computer in the Vascular Laboratory, J.T. Collins, W.R. Flinn, & J.S.T. Yao, Proceedings of the 5th Annual Symposium on Computer Applications in Medical Care, pp.494-495, 1981

Computer Record Keeping in the Vascular Laboratory, J.T. Collins, W.R. Flinn & J.S.T. Yao, Bruit, Vol.V, pp.30-31, 1981

Femoral Pulsatility Index in the Evaluation of Aorto-iliac Occlusive Disease, D.P. Flanigan, J.T. Collins, J.J. Goodreau, et al, J. of Surgical Research 31, pp.392-399, 1981

A Temporary Triggering Technique During Counterpulsation, J.T. Collins, & P. Lichtenthal, Proceedings of the 17th Meeting of Association for the Advancement of Medical Instrumentation, p.98, 1982

Hemodynamic and Arteriographic Evaluation of Femoral Pulsatility Index, D.P. Flanigan, J.T. Collins, J.A. Schwartz, C.A. O'Mara, W.R. Flinn, J.J. Bergan & J.S.T. Yao, J. of Surgical Research 32, pp.234-238, 1982

Micro-Computer Applications in the Blood Flow Laboratory, J.T. Collins, in Noninvasive Diagnosis of Vascular Disease. F.B. Hershey, R.W. Barnes ~ D.S. Sumner (ed): Pasadena, California, Appleton Davies, Inc., 1984, pp. 328-334

Frequency Domain Analysis of Femoral Doppler Shift Signals, J.T. Collins, W.R. Flinn, W. Pearce, J.S.T. Yao, Bruit, Vol. VI, pp.17-20, 1982

Evolution of a Successful Quality Management Program for Biomedical Engineering, J.T. Collins & J. Dysko, Biomed. Instrum. Technology, 27(4), pp. 298-302, 1993

Risk Assessment In a Medical Equipment Program, J.T, Collins & J. Dysko, American Society for Healthcare Engineering, Healthcare Facilities Management Series, #055369, June 2001

Physical Risk Assessment of Medical Equipment, John T. Collins, American Society for Healthcare Engineering, Healthcare Facilities Management Series, 2003

Cell Phones in Healthcare Facilities, John T. Collins, Inside ASHE, Vol. 13, Number 5, pp 36-37, 2005

Maintenance Risk Assessment of Medical Equipment, John T. Collins, Healthcare Facilities Management Series, 2006

What is 802.11? , John T. Collins, Inside ASHE Vol. 15, Numbers 5, 2007, Vol. 16, Number 1

Wireless Electronic Communication, John T. Collins, Inside ASHE Vol. 15, Numbers 6, 2007, Vol. 16, Number 1,

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Work Histories in a Medical Equipment Management Program - An Analysis of Parts Replaced, John T. Collins, Healthcare Facilities Management Series, 2008