

BIOGRAPHICAL SKETCH: DR. DANIEL J. SCHNECK
Biomedical/Biomechanical Engineering Consultant

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General Information:

A U.S. Citizen born in Mendoza, Argentina, Dr. Schneck grew up in Brooklyn, N.Y. He and his wife, Judi, have twin daughters, Patti (married to Geoffrey Rowland) & Cyndi (married to Thomas Klein); and 4 grand-children. A former Chairman of the Montgomery County, Virginia, School Board, and for 20 Years Director of the Biomedical Engineering Program at Virginia Tech (having held the prestigious W.S. "Pete" White Endowed Chair), Dr. "Dan" is now Professor Emeritus of Engineering Science & Mechanics, having served 28 years on the Faculty at Va. Tech. He is court-qualified as an Expert in Forensic Biomechanical Engineering, writes extensively (including a monthly column for *American Laboratory*), continues to teach, operate his own consulting practice, and remain active in his field. Dr. Schneck is also a Juilliard-trained violinist who still pursues an active musical career (including teaching music at the Blacksburg New School, Blacksburg, Va., K-8).

Education:

High School of Music and Art, N.Y., Academic Diploma with Major in Music, June, 1958;
B.M.E., (Mechanical Engineering), The City College of New York, School of Engineering and Architecture, February 1, 1963;
M. S., (Aeronautics, Astronautics and Biomedical Engineering), Joint Program in Engineering and Medicine administered by the New York University School of Medicine, and its School of Engineering and Science, June 8, 1966;
Ph. D., (Fluid, Thermal and Aerospace Sciences), Case Western Reserve University, College of Engineering, and School of Medicine, June 6, 1973;
P.E.: Licensed & Registered Professional Engineer in New York and Virginia.

***** Additional Education and Special Training:**

Completed R.O.T.C. Military Science Curriculum at C.C.N.Y., Corps of Engineers.
Private Pilot's License (Single Engine, Land and Sea Rating); Certified Civil Air Patrol

Search & Rescue Pilot; and Ground School Instructor.
Completed 198-hour, U.S. Air Force, Air University, Extension Course Institute (ECI)
Completed Air Force, ECI Management Course 7-C, January, 1972.
Completed Dale Carnegie Course in Effective Speaking, and Human Relations, 1975.

Professional Appointments: (In increasing chronological order)

- Feb., 1963 - Aug., 1964: **Assistant Research Scientist**; New York University, College of Engineering.
- Aug., 1964 - June, 1966: **Associate Research Scientist & Design Engineer**; New York University, College of Engineering.
- June, 1966 - June, 1968: **Research Associate in Experimental Pathology and Project Engineer**; New York Medical College.
- July, 1968 - Jan., 1969: **Instructor in Surgical Pathology**; New York Medical College, Flower & Fifth Avenue Hospitals.
- Jan., 1969 - Aug., 1973: **U.S. Public Health Service Special Research Fellow**; Case Western Reserve University, Cleveland.
- Sep't., 1973 - Aug., 1976: **Assistant Professor of Engineering Science & Mechanics, and Director, Biomedical Engineering Program**; Virginia Polytechnic Institute & State University
- Sep't., 1976 - Aug., 1980: **Associate Professor of Engineering Science & Mechanics, and Head of Biomedical Engineering** at Virginia Polytechnic Institute & State University.
- Sep't., 1980 - Aug., 2001: **Full Professor of Engineering Science and Mechanics; Chairman, Biomedical Engineering Technical Interest Group until Jan., 1985; and Director, Biomedical Engineering Program through August, 1993** at Virginia Polytechnic Institute & State University, Blacksburg, Va.
- July 1, 1996-Dec. 31, 1998: **College of Engineering COTA Fellow**, a Distinguished Faculty Appointment in the Center for Organizational and Technological Advancement (COTA) at Virginia Tech.
- Aug. 10, 1999-Aug. 9, 2001: **College of Engineering W.S. "Pete" White Distinguished Chair**, a Prestigious Faculty Appointment awarded for Innovation in Engineering Education at Virginia Tech.
- Aug. 9, 2001 to Present: **Professor Emeritus of Engineering Science & Mechanics**; Virginia Polytechnic Institute & State University.
- Jan., 1973 - Dec., 1986: **Visiting Professor of Pathology**, New York Medical College, New York City, New York.
- Sep't., 1969 - May 31, 1970: **Graduate Teaching Assistant**, Case Western Reserve University, Cleveland, Ohio.
- Summer, 1976: **U.S. Air Force/American Society for Engineering Education Summer Faculty Research Fellow**, Aerospace Medical Research Laboratory, Wright-Patterson Air Force Base; Ohio.
- Summer, 1983: **Office of Naval Research/American Society for Engineering Education Summer Faculty Research Fellow**, Naval

Medical Research Institute, Bethesda, Maryland.
Oct., 1983 - Sep't. 1986: **Guest Scientist**, Naval Medical Research Institute,
Naval Medical Center, Bethesda, Maryland.
August, 2002 – Present: **Teacher and Co-Director of the Music Program**,
Blacksburg New School (K-8); Blacksburg, Virginia.
August, 2005 – January, 2006: **Visiting Adjunct Professor**, Queens
University,
Charlotte, North Carolina.
January, 2007 – December, 2007; **Visiting Lecturer**, Carilion Health System;
Continuing Medical Education Program.

Jan., 1980-Present: **Private Consultant and Court-Qualified Expert
witness**
in litigation matters involving: *Biomechanics of the musculoskeletal
system; Environmental Stress; Biomedical Engineering; Medical product
liability and health care Technology; Low and High-speed vehicular
impacts;*

and Human performance capabilities/Forensic Biomechanics.
Jan., 1995 - Dec., 1995: **Consultant and Chief Biomechanical
Investigative
Engineer**, Forensic Technologies International.

Scientific Publications:

315 Total publications, including 20 books, 67 full-length papers in refereed scientific journals, and/or Chapters of Books, 56 Federal Government Laboratory and University Technical Reports), 116 Articles written as a Science Writer on the Editorial Staff of International Scientific Communications (publishers of American Laboratory and American Biotechnology Laboratory), and 56 editorials, book reviews, abstracts, and shorter communications.

Courses Taught: Nearly 30 different subjects at levels K-Graduate School, including:

Physics ... Engineering Science: A Deductive Approach ... Introduction to Engineering ... Conceptual Design & Analysis ... Statics & Dynamics of Particles & Rigid Bodies ... Mechanics of Deformable Bodies ... Fluid Mechanics ... OMNIOLOGY: An Integrated Approach to the Study of Everything! ... Survey of Biomedical Engineering ... Engineering Analysis of Physiologic Systems ... Principles of Biodynamics ... Biomechanics of Human Locomotion ... Mechanics of Muscle and Soft Tissue ... Biomechanics of the Cardiovascular System ... Clinical Internship in Biomedical Engineering ... Physics of Ultrasound and Principles of Wave Motion ... Cardiology ... Angiology ... Radiation Physics and Safety ... Hematology ... Hemodynamics ... Biomusical Engineering ... Music Theory ... Music in Human Adaptation ... Private Pilot Aviation Ground School ... and ... Introduction to Clinical Ultrasound Instrumentation.

Program Development: Director, Biomedical Engineering Program, 1973-1993;

COTA

Fellow, 1996 to 1998; and W.S. "Pete" White Chair, 1999-2001, at Virginia Polytechnic Institute and State University:

- Established B.S., M.S., & Ph.D. programs of study in Biomedical Engineering;
- Proposed, developed and taught 10 new undergraduate courses, 12 new graduate-level courses, a hospital-based clinical internship practicum, an Honors Colloquium, and 15 short courses, outreach workshops, and seminars;
- Developed an on-the-job Cooperative Education Program in BME;
- Organized and served as Faculty Advisor to a Student Chapter of the Biomedical Engineering Society;
- Organizer, developer, and Chair of 13 Major Conferences;
- Chairman, Technical Interest Group in Biomedical Engineering;
- Developed Registry-Review Coursework, Workshops, Seminars and Outreach Programs in Diagnostic Medical Ultrasound, Radiology, non-invasive imaging modalities; and Music Therapy;
- Chaired the College of Engineering, Outreach Working Group to provide leadership for the College's efforts and activities in Continuing Education.
- Invented the concept of *Biomusical Engineering*, including coursework, seminars, short-courses, and lecture-workshops to go with it.

Scientific Presentations:

- 58 Papers presented at National or International Meetings;
- 55 Invited Seminars and Keynote Addresses delivered throughout the United States and Canada;
- 26 In-House Short Courses and work shops presented at Industrial & Corporate Sites; and
- over 450 talks and lectures given to civic groups, K-12 school systems, professional organizations, and radio and television audiences.

Consulting Work in Forensic Biomechanics:

Retained as a consultant in a total of 210 cases to date, including:

- 152 cases involving the Railroad Industry (71 for Norfolk Southern; 58 for CSX; 23 for "others," such as AMTRAK; Conrail; Metro North; etc.)
- 44 Motor Vehicle Accident cases (including 30 for Forensic Technologies International as a Senior Biomechanical Specialist)
- 9 Product Liability/Malpractice cases, and
- 5 Personal Injury and/or Criminal cases
- Ratio of defense-oriented work vs. plaintiff-oriented work = 19:1
- 51 Appearances, including 30 Depositions; 12 Live Courtroom testimonies; 7 Videotaped Courtroom testimonies; and 2 Live Hearings.

DEPOSITIONS, TRIAL TESTIMONIES, COURT HEARINGS, 2004-2008

- Wallace vs. Naranjo, Wright, and National Fisheries, Inc. (motor vehicle accident); Circuit Court of the Eleventh Judicial Circuit in and for Miami-Dade County, Florida (97-24462 CA(09)):
 - **Deposed**, July 30, 2001.
 - **Testified live at Trial**, April 12, 2005.

- Rick Beldon vs. Norfolk Southern Railway Company; In the Circuit Court of the City of St. Louis, in the State of Missouri; Case No. 022-09665; Division No. 1:
 - **Videotaped Trial Testimony**, July 13, 2004 at the Hotel Roanoke and Conference Center, Roanoke, Va.

- Charles L. Johnson vs. Norfolk Southern Railway Company, et al.; In The Circuit Court of Dallas County, City of Selma, State of Alabama; (Case Number CV 2001-426):
 - **Deposed**, August 17, 2004, at the Law Offices of Woods, Rogers & Hazlegrove, Roanoke, Virginia.

- Donnie Knight vs. CSX Transportation, Incorporated; In The Circuit Court of Ohio County, West Virginia; (Case Number 00-C-360G):
 - **Deposed**, September 21, 2004, at the Hampton Inn; 380 Arbor Drive; Christiansburg, Virginia 24073.

- Vernon Keys vs. CSX Transportation, Incorporated; In The Circuit Court for Baltimore City, Maryland; (Civil Action Number 24-C-03-004779):
 - **Deposed via Telephone**, November 22, 2004.

- David Anderson, et al. (Consolidated Cases) vs. CSX Transportation, Inc.; in The Circuit Court of Maryland for Baltimore City; Civil Action Number (Lead Case) 24-C-05-001810:
 - **Deposed in "Cluster 1"**, October 31, 2005, at the Hampton Inn; 380 Arbor Drive; Christiansburg, Virginia 24073.
 - **Deposed in "Cluster 4"**, February 19, 2007, at the Blue Ridge Real Estate Office Building, 1480 South Main Street, 2nd Floor, Blacksburg, Virginia 24060.

- **Testified Live at Trial** in the Circuit Court for Baltimore City, Maryland, in "Cluster 4" of these cases, involving 9 plaintiffs; March 22, 2007.

○ Alfred L. Bryant vs. CSX Transportation, Incorporated; In The Circuit Court, Fourth Judicial District, In and For Duval County, Florida; Case Number 16-2003-CA-005700; Division Number CV-E:

- **Videotaped Trial Testimony**, April 20, 2007 recorded on the campus of Virginia Tech, at the Inn at Virginia Tech.

Research Grants and Contracts:

Principal Investigator on Research Grants and Contracts totalling over \$1,150,000. Co-Principal Investigator and/or consultant on numerous others. These have supported 59 Undergraduate Research Projects, 20 Masters' Theses and 5 Doctoral Dissertations.

Professional Organizations (including major offices held)

***** The Biomedical Engineering Society:**

- Awarded Prestigious "Inaugural Fellow" Status in 2005;
- Lifetime Emeritus Senior Membership awarded in 1995;
- International President, 1990-91;
- Annual Fall Meeting Chairman, 1989-90;
- Editor, BMES QUARTERLY BULLETIN, 1977-1985;
- Editorial Board, ANNALS OF BIOMEDICAL ENGINEERING JOURNAL
1981 - 1994;
- Two Three-year terms on the Board of Directors;
- Numerous Session chairs and other assignments.

***** The American Society for Engineering Education:**

- Chairman, Biomedical Engineering Division, 1983-84;
- Chairman, Annual Spring Meeting, 1982-83;
- Editor, Biomedical Engineering Division NEWSLETTER, 1979 - 1981;
- One Two-Year term on the Board of Directors;
- Numerous Session Chairs and other assignments.

***** American Institute For Medical and Biological Engineering**

- Awarded Prestigious "Distinguished Founding Fellow" Status in 1991;
- Chairman, Council of Societies, 1990-92;
- Council of Societies Representative on the Board of Directors, 1991 - 1992;
- Member of By-Laws Committee, 1991-2001.

*** Listed above are only those professional societies in which I have been actively involved. Others include, for example:

- The New York Academy of Sciences;
- The American Association For the Advancement of Science;
- The American Society of Mechanical Engineers;
- The Engineering in Medicine and Biology Society of the Institute of Electrical and Electronics Engineers;
- The Society of Automotive Engineers; and,
- The Society for Scientific Exploration.

Significant Administrative/Management Leadership Positions Held:

- President & CEO, ***Daniel J. Schneck CONSULTING***, 1977 - Present;
- Director, ***Va. Tech Biomedical Engineering Program***, 1973 – 1993;
- Chairman, ***Va. Polytechnic Institute & State University Technical Interest Group in Biomedical Engineering***, 1979-1985;
- Virginia Tech College of Engineering, ***W.S. "Pete" White Chair***, August 10, 1999 - August 9, 2001;
- Virginia Tech Center for Organizational & Technological Advancement (COTA), ***COTA Fellow***, July, 1996 - Dec., 1998;
- Montgomery County (Virginia) School Board: 1990-1992
 - ❖ Chairman, July 1, 1992 to December 31, 1992;
 - ❖ Vice-Chairman, 1991-92 Academic Year;
- Biomedical Engineering Society 1990-91 ***International President***
- American Society for Engineering Education, ***Biomedical Engineering Division Chairman***, 1983-84;
- ***Blacksburg Rotary Club President***, 1985-86;
- Chairman, Council of Societies of the ***American Institute For Medical and Biological Engineering***, 1990 - 1992;
- Commanding Officer, Hillcrest Search & Rescue Squadron of the United States ***Civil Air Patrol***, 1970 - 1973;
- President, ***New River Valley Lacrosse Club, 2003-2005***

Notable Professional Honors and Recognitions:

- Recipient in 2008 of a ***Certificate of Appreciation*** from the Blacksburg New School (K-8), Blacksburg, Virginia, "With love and gratitude for your dedication to the Development and Education of the hearts and minds of our children."
- Recipient in 2001 of the Biomedical Engineering Society's ***Distinguished Service Award*** "in recognition of outstanding achievement in promoting biomedical engineering."
- On August 28, 2001 the Board of Visitors of Virginia Polytechnic Institute &

State

University unanimously approved a resolution to designate Professor Daniel J. Schneck as a permanent, lifetime **Professor Emeritus of Engineering Science and Mechanics**, recognizing "28 years of dedicated, faithful service to the University, significant contributions to its educational, research and public service programs, and the maintenance of an international distinguished reputation while pursuing a career in the field of biomechanics."

- Selected in 1999 by the College of Engineering Honorifics Committee at Virginia Tech (and approved by the Board of Visitors of the University) to be appointed to the prestigious **W. S. "Pete" White Endowed Chair, Recognizing Innovation in Engineering Education**, for the period 8/10/1999 - 8/9/2001.
- Recipient in May, 1998, of the Virginia Tech College of Engineering **Dean's Award For Extraordinary Performance & Excellence in the University's Mission of Public Service**
- Selected in 1996 by the Center for Organizational and Technological Advancement (COTA), at Virginia Tech to be appointed to the distinguished faculty rank of **College of Engineering COTA Fellow**, for the period July 1, 1996 - December 31, 1998.
- Elected in 1995 to the highest rank of **Lifetime Senior Member Emeritus In the Biomedical Engineering Society**, for "*Significant Contributions to The Society, and to the Biomedical Engineering Profession During 30 Years of Dedicated Service.*"
- Finalist, Baylor University 1994 annual competition for the prestigious **Robert Foster Cherry Award for Great Teachers**.
- Finalist, Va. Polytechnic Institute and State University 1994 competition for the coveted **Diggs Teaching Scholar Awards**.
- Finalist, Va. Polytechnic Institute and State University competition for the coveted **Sporn Award for Teaching Excellence**, numerous nominations.
- Recipient in 1993 of a **Centennial Certificate of Commendation** from The American Society for Engineering Education, for "*Exceptional and Innovative Contributions to the Society, and to the Profession of Engineering.*"

- Elected in 1992 to be a **Founding Fellow** of the prestigious **American Institute for Medical and Biological Engineering**, an honor reserved for only the top 2% of biomedical engineers world-wide.
- Inducted in 2005 into the **Inaugural Class of Fellows** of the **Biomedical Engineering Society**, recognizing national and international contributions of distinction to the Biomedical Engineering community and for inspired leadership in the profession.
- Recipient in 1991 of the coveted **National Outstanding Biomedical Engineering Educator Award**, presented annually to only one individual from among a national pool of nominees, by the *American Society for Engineering Education*.
- Recipient in 1987 of the prestigious **W.E. Wine Award** representing the Highest recognition at Virginia Tech *for Outstanding Teaching Within the University*.
- *Elected* Member of the Virginia Polytechnic Institute and State University **Academy of Teaching Excellence**, continuous since 1987.
- **Eleven** Virginia Tech Academy of Teaching Excellence Awards for **Outstanding Teaching in the College of Engineering**.
- Recipient in 1984 of the **Outstanding Contribution to Engineering Education Award** presented annually by the Instructional Unit of the Southeastern Section of the American Society for Engineering Education.
- Office of Naval Research/ASEE **Summer Faculty Research Fellowship** at the Naval Medical Research Institute, 1983.
- U.S. Jaycees **Outstanding Young Man of America**, 1978.
- Air Force Office of Scientific Research/ASEE **Summer Faculty Research Fellowship** at the AMRL/WPAFB, 1976.
- Engineering Science and Mechanics Society **Outstanding Educator of the Year Award**, 1975-76.
- U.S. Public Health Service/National Institutes of Health **Special Research Fellowship Award**, 1969-1973.

- Case-Western Reserve University, **Graduate Teaching Assistantship**
- Listed in **Who's Who in Technology Today**.
- Listed in **Who's Who in The South and Southwest**.

Additional Major Service To The University, State and Profession:

**Consulting Editor, American Laboratory Magazine,
American Laboratory, News Edition,
American Biotechnology Laboratory**

**Series Editor, New York University Press Monograph Series in
Biomedical Engineering, 1989-1993;**

**Associate Editor, Section on Biomechanics, HANDBOOK OF BIOMEDICAL
ENGINEERING, CRC Press, Inc., 1st and 2nd Editions;**

Conference Chairman of the series (1978, 1980, 1990) of *Mid-Atlantic
Conferences on Biofluid Mechanics;*

Conference Co-Chairman of the series (1996, 1997, 1998, 1999,
2000, 2001) of *Conferences on Medical Diagnostic Ultrasound;*

On The **Editorial Board, Journal of Clinical Engineering;**

On The **Editorial Board, Medical Engineering and Physics;**

On The **Editorial Board, BioMedical Engineering OnLine;**

Reviewer for: *NSF, AFOSR, UES, CIT, NYU-Press, IOP Publishing,
Ltd., Simon and Schuster, Prentice-Hall, and 25 Technical
Journals and/or Professional Trade Publications;*

Numerous National Conference/Technical Session Chairmanships;

Appointed to the faculty of the *Governor's Magnet School of
Science and Technology, held at Radford University;*

**Chairman, VPI & SU Technical Interest Group in Biomedical Eng-
ineering, 1979-1985;**

Community Involvement and Civic Activities:

Member, 6/1/93 - 5/31/96 of the *Steering Committee* guiding the
planning & construction of a new Radford Hospital;

Appointed by the Montgomery County Board of Supervisors to the
Montgomery County School Board, 9/1/90 to 12/31/92:

*** **Vice-Chairman** of the Board, 1991-92;

*** **Chairman** of the Board, 7/1/92 - 12/31/92;

*Christiansburg-Blacksburg (Noon) Rotary Club: President, 1985-
1986; Board of Directors, 1982-1985;*

Member, **Board of Directors, Radford Community Health Founda-
tion, 1992 to 2002;**

*New River Valley Friends of the Roanoke Symphony Orchestra,
Founder and Advisory Board Member, 1988 - 1995;*

Volunteer, Radford Community Hospital and Carilion Health Sys-
tem, 1986 to 1996; about **1100-hours;**

Volunteer at Christiansburg Elementary, Middle and Senior High Schools (*Mountain Academic Competition Conference Science Judge, Olympics of the Mind Coach, Academic Career Advisor, Textbook Selection Panels, Music and Drama Programs*)
American Heart Association Affiliate Board, 7/1/86 - 6/30/88;
First Federal Savings & Loan Association of Montgomery County, Member of the Board of Directors, 1984 - 1986;
Faculty Member of the *Governor's Magnet School for the gifted in Science and Technology, 1985 and 1986;*
New River Valley Lacrosse Club
 *** **President, 2003-2005;**
 *** **Member of the Board of Directors, 2000-Present**
First Violinist, Roanoke Symphony Orchestra, 1985 - 1995;
First Violinist, New River Valley Symphony Orchestra, 1973-97;
First Violinist, Southwest Va. Opera Orchestra, 1981 - 1991;
First Violinist, Pit Orchestra of the New River Valley Summer Musical Theater Enterprises, Inc., 1992, 1993, 1995, 1996
Blacksburg New School, Volunteer Music Teacher, K-8;
 Member since 1990 of the *Laurel String Quartet In-School Demonstration Ensemble* for Primary and Elementary Schools;
 Participant in the *Big Brothers/Big Sisters of New River Valley 1984 Bowl For Kids' Sake Fundraiser;*
Civil Air Patrol Mission Pilot and Squadron Commander, 1969 - 1973;
 Also Taught Private Pilot Ground-School Classes;
Volunteer, Cleveland Society For The Blind, 1969 - 1973;
 Cleveland Heights, Ohio **Rotary Club, 1971 - 1973;**
 Christiansburg-Blacksburg **Rotary Club, 1973-81;** and 1994-2002;
 Blacksburg **Rotary Club, 1981-94 (President, 1985-86);**

Notable Honors and Recognitions in Community Service:

- **International Fine Arts Award**, March, 1999 from the *Cultural Institute of the Government of Austria* for "Special Meritorious Contributions in the Application of Music to help rehabilitate individuals with special needs."
- **Governor's Achiever Award**, March 1999 from *Rotary International* for "Taking action to turn into reality community dreams of how life can be better for individuals in need."
- **Outstanding Citizen Award**, 1994, from the *Virginia Coalition For Community* for "Dedication to Public Service and Support of Community Diversity."
- **Citations:** 1991, 1992, 1993, from the *Virginia School Boards Association*, for "Continuing Dedication and Service to the Children of the Commonwealth of Va."
- **Resolution**, 1993 from the *Montgomery County Virginia Board of Supervisors* "Extending a vote of sincere appreciation for the dedicated service and commitment displayed during service rendered as a *member, Vice-Chairman and Chairman* of the **Montgomery County, Va., School Board.**"
- **Certificate of Commendation** 1986 from the *Commonwealth of Virginia* for

School "a high degree of dedication and service to the Regional Governor's

Of the State of Virginia."

- **Hometown Hero Award** 1987 from *WDBJ-CBS-TV-7 in Roanoke* "In appreciation and recognition of outstanding community service & ongoing

dedication

to making your Hometown a better place to live;" Presented for the first time to an entire family.

- **Paul Harris Fellow Award** from *Rotary International* "In appreciation of Tangible and Significant Assistance given for the furtherance of better understanding and friendly relations among peoples of the World.

- **Eastern Air Rescue Coordination Center Award** presented through the *Hillcrest (Ohio) Squadron of the Civil Air Patrol* "For Outstanding

Emergency

Services Participation as a *Mission Pilot* in Search and Rescue Operations."

- **Cleveland Society for the Blind Award** recognizing "Loyal Volunteer Service in behalf of people with visual impairment."

- **Radford Community Hospital, Virginia Auxiliary Award** "For Outstanding Volunteer Service."

November 1, 2008